

S. No.	Funding Agency	Principal Investigator	Department	Campus (PI)	Title of Research Proposal	Status
1	Interactive Group Islamabad	Dr. Muhammad Imran Shahzad	Meteorology	Islamabad	Effect of Air Pollution on Performance and Attendance of School Children	Approved
2	Alliance of International Science Organizations (ANSO)	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Energy and Raw Material Recovery from Treatment Sludge as a Conceptual of Zero waste	Approved
3	ANSO	Dr. Habib Bokhari Team Lead Dr. Ijaz Ali & Dr. Zobia (CoPI with Admin & Financial Powers)	Biosciences	Islamabad	Mosquitome of flying syringes aedes aegypti and aeds albopictus & their fitness vis a vis their competency to transmit infection with changing climate	Approved
4	ANSO (Alliance of international science Organizations) China	Dr. Toqeer Ahmed	Centre for Climate Research and Development (CCRD)	Islamabad	Free online training courses for sustainable water land use in arid regions with RS-GIS applications based on	Approved
5	Asia Foundation	Dr. Khalid Riaz	Management Sciences	Islamabad	Not for Profit Organizations Management Course	Approved
6	Asia Foundation	Dr. Khalid Riaz	Management Sciences	Islamabad	Training Manual development for the not-Profit organizations Management course	Approved
7	Asia Pacific Network Japan	Dr. Ghulam Abbas	CCRD	Islamabad	Adapting to climate change through climate smart agricultural practices in water limited landscapes in south	Approved
8	Asia-Pacific Network for Global Change Research (APN)	Dr. Jabior Hussain Syed	Meteorology	Islamabad	Value chain mapping and capacity building of Pakistani Government Stakeholder to implement base level Convention Amendments to Enhance Control of the Transboundary Movement of Plastic Waste	approved
9	Asia-Pacific Network for Global Change Research (APN-CCRD)	Muhammad Asad (Old PI) Dr. Saeed Ahmad Asad (New PI)	Centre for Climate Research and Development (CCRD)	Islamabad	Identification and up scaling of climate smart agriculture (CSA) practices for sustainable food security in high altitude farming regions of Himalaya (CCRD2019-06MY)	Approved
10	British Council	Dr. Syed Habib Bokhari	Biosciences	Islamabad	Compylobacter control in poultry through training for commercial poultry farm workers & vaccine development	Approved
11	British Council	Dr. Muhammad Khalil Afzal	Computer Science	Wah	PAK-UK Education Gateway Mobility Partnership Grant For Faculty	Approved
12	Cannenta Pvt.Ltd,Australia (Industry)	Dr. Muhammad Yar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Proposal to evaluate suitability of hydrogels as delivery vehicles for 2dDR to stimulate angiogenesis	Approved
13	Cannenta Pvt.Ltd,Australia (Industry)	Dr. Muhammad Yar	IRCBM	Lahore	A proposal on development of 2-deoxy - D-ribose releasing tube gels- optimization of preparation and sterilization protocols	Approved
14	Cannenta Reseach Project	Dr. Muhammad Yar	IRCBM	Lahore	2dDR-release, Stability and Biological Investigations on 2dDR- Alginate and 2dDR-NexGel Dressings Prepared by	Approved
15	Center for International Development Harvard University USA	Prof. Dr. Athar Hussain	CCRD	Islamabad	Solar Radiation Modification Impact baed Dashboard for Health Policy Makers in South Asia	Approved

16	Columbia University USA	Dr. Wajid Nasim	Environmental Sciences	Vehari	Assessing climate vulnerability and projecting crop productivity using integrated crop and economic modeling techniques	Approved
17	Craft Pvt Ltd. Lahore Pakistan	Dr. Muhammad Yar	Interdisciplinary Research Center	Lahore	Preliminary evaluation of sugar releasing cotton-based materials for burns and chronic non-healing ulcers	Approved
18	Deutscher Akademischer Austauschdienst German Academic Exchange service Germany	Dr. Rao Aamir Ali Khan	Management Sciences CUI	Islamabad	Sustainable Project management for Development Projects (Susprolab)	Approved
19	Directorate General of Science and Technology Peshawar	Mr.Sana Ullah (Student)/ Dr. Faisal Khan (Supervisor)	Electrical & Computer Engineering	Abbottabad	Design and Analysis of Slotless permanent Magnet Brushless DC(OMBLDC) Motor	Approved
20	Directorate General of Science and Technology Peshawar	Hassan Abbas (Student)/ Dr. Bilal Qureshi (Supervisor)	Electrical & Computer Engineering	Abbottabad	Smart glove hand gesture vocalizer for deaf and dumb	Approved
21	Directorate General of Science and Technology Peshawar	Mr.Mobasher Ahmed (Student)/ Dr. Ihsanullah (Supervisor)	Electrical & Computer Engineering	Abbottabad	IOT-Equipped and AI-enabled WSN nodes for precision agriculture	Approved
22	Directorate General of Science and Technology Peshawar	Mr. Muhammad Sanaeeer Ahmad (Student)/ Dr. Faisal Khan (Supervisor)	Electrical & Computer Engineering	Abbottabad	Design and Analysis of Dual Stator Generator for wind	Approved
23	Foresight Lab Islamabad	Dr. Muhammad Imran Shahzad	Meteorology	Islamabad	Assessment of CO ₂ emissions in Pakistan with mitigation options for transitioning toward low carbon development	Approved
24	Grand Challenges of Canada	Dr. Shariq Khoja / Dr. Raheel Qamar	Computer Science	Islamabad	Rising stars in global health: Maternal wristbands-Saving lives of mothers and newborns in remote areas of the world through regular monitoring during Pregnancy	Approved
25	Grand Challenges of Canada	Dr. Shariq Khoja / Dr. Raheel Qamar	Computer Science	Islamabad	Improving mental health care for young adults in Badakhshan Province of Afghanistan using eHealth	Approved
26	HEC	Dr. Muhammad Arshad,	Chemistry	Abbottabad	New Isatin Derivatives: Synthesis, Bioactivities and SAR Studies	Approved
27	HEC	Dr Muhammad Iftikhar Ul Hasnain	Management Sciences	Islamabad	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	Approved
28	HEC	Dr Imran Naseem	Management Sciences	Abbottabad	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	Approved
29	HEC	Dr. Muhammad Abubaker Saeed	Management Sciences	Islamabad	Impact of Board gender diversity on corporate performance	Approved
30	HEC	Dr. Nazar Abbas Shah	Physics	Islamabad	Grant for Maintenance of Scientific Equipments	Approved
31	HEC	Dr. Muhammad Awais	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Grant for Maintenance of Scientific Equipments	Approved
32	HEC	Dr. Ahmad ali	Biosciences	Sahiwal	Grant for maintenance of scientific equipments	Approved
33	HEC	Dr. Syed Tajammul Hussain	Physics	Islamabad	Conversion of carbon dioxide/Methanol to Dimethyl ether (DME) OVER HIGHLY Nan crystalline Modified Catalyst	Approved
34	HEC	Dr. Saleem Farooq Shaukat	Electrical Engineering	Lahore	Development of an open source GUI based simulation toolkit in optical fiber communication PPCR	Approved
35	HEC	Dr. Zakir Hussain	Mathematics	Abbottabad	Instability of MHD Poiseuille-couette flow	approved

36	HEC	Dr. Muhammad Hanif	Chemistry	Abbottabad	Tuning the Anticancer Activity of Organometallic Ruthenium (II) Arene Compounds of Hydroxypyridone Derived Ligands	Approved
37	HEC	Dr. Khurram Saleem Alimgeer	Electrical Engineering	Islamabad	Natch band implementation of UWB using microstrip patch antenna	Approved
38	HEC	Dr. Riaz Hussain	Electrical Engineering	Islamabad	Mobility in heterogeneous network environment	Approved
39	HEC	Dr. Rana Liaqat Ali	Electrical Engineering	Islamabad	Modeling and analysis of adaptive beam forming in array signal processing for non-stationary environments	Approved
40	HEC	Student/ Faculty used CIIT Lab	Chemistry	Abbottabad	Access to scientific instrumentation / Lab Test	Approved
41	HEC	Dr. Ahmad Ali	Biosciences	Sahiwal	Grant for maintenance of scientific equipments	Approved
42	HEC	Dr. Sajid Nazir	Management Sciences	Lahore	The Relationship between corporate governance and firm value: Role of discretionary earnings management.	Approved
43	HEC	Dr. Abdul Samad Khan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Grant for maintenance of scientific equipments	Approved
44	HEC	Mr. Muhammad Shakeel	Biosciences	Islamabad	Expressio analysis of pqqc operon associated with zinc solubilizing ability of serratia marcescence (Sm)	Approved
45	HEC	Mr. Junaid Ikram	Electrical Engineering	Islamabad	Optimization of Coreless Axial Flux Permanent Magnet Synchronous Generator for wind power generation	Approved
46	HEC	Dr. Komal Khalid	Management Sciences	Wah	Improvement the Faculty Retention in Pakistan by addressing the Valuation Issues in Faculty Compensation	Approved
47	HEC	Dr. Saeed ur Rehman	Electrical Engineering	Attock	Flexible Decoder Architecture for Interleavers used in Current Communication Systems	Approved
48	HEC	Dr. Muhammad Ihtisham Umar	Pharmacy	Abbottabad	Identification and pharmacological evaluation of anti-angiogenic constituents from pinus roxburgii sarg. And urtica pilulifera L. extracts	approved
49	HEC	Dr. Khalid Latif	Computer Science	Islamabad	Establishing innovation networks for connecting Pakistani researchers with industry (PINET)	approved
50	HEC	Ms. Tehmina Kiani	Biosciences	Islamabad	Biological Control of stripe rust (puccinia striiformis tritici) of wheat using endophytic bacteria in pakistan	Approved
51	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Antimicrobial of heat sensitive materials by means of atmosheric pressure rt-driven plasma jet	approved
52	HEC	Dr. Nasar Min Allah	Computer Science	Islamabad	Feasibility analysis of real -time systems under fixed priority scheduling	approved
53	HEC	Dr. Robina Farooq	Chemical Engineering	Lahore	The study of potential electricity generation by municipal wastewater	Approved
54	HEC	Dr. Muhammad Faraz Malik	Biosciences	Islamabad	Basic & applied sciences at University of Cardiff, UK	approved
55	HEC	Dr. Kashif Ali	Mathimatics	Lahore	Graph ramsey numbers&labeling	Approved
56	HEC	Dr. Abdul Jabbar Shah	Pharmacy	Abbottabad	Role of EDHF in Hypertension	Approved
57	HEC	Dr. Sarfraz Ahmad	Mathimatics	Lahore	Physics Sciences at Philipps. Universitat Marburg Germany	Approved
58	HEC	Dr. Zulfiqar Habib	Computer Science	Lahore	To carry out Post Doctoral research aided geometric design at the university of manotoba.Canada	Approved

59	HEC	Dr. Umar Farooq	Environmental Sciences	Abbottabad	To Carry out Post Doctoral research in the field of physical sciences	Approved
60	HEC	Dr. Mahmood ul Hassan	Mathimatics	Islamabad	To Carry out Post Doctoral research at Newzealand	Approved
61	HEC	Dr. Romana Aziz	Computer Science	Islamabad	Design and development of large scale bayesian nets for estimation in iterative and incremental software development	Approved
62	HEC	Dr. Saleem Farooq Shaukat	Electrical Engineering	Abbottabad	Optimization and fabrication of optoelectronic devices with the use of nanotechnology communication systems	Approved
63	HEC	Dr. Rani Faryal	Biosciences	Islamabad		Approved
64	HEC	Dr. S Habib Bokhari	Biosciences	Islamabad	Determination of the epidemiological status of autotransporter proteins among poultry versus human isolates of C.jejuni & development of live oral vaccines	Approved
65	HEC	Dr. Farida Tahir	Physics	Islamabad	Physical sciences at University of Kansas, Lawrence	Approved
66	HEC	Dr. Tahira Haroon	Mathimatics	Abbottabad	Final award letter of "Post doctoral fellowship phase II	Approved
67	HEC	Dr. Masood Anwar	Mathimatics	Islamabad	Characterization of some discrete distributions	approved
68	HEC	Dr. Noor Samad Shah	Environmental Sciences	Vehari	Developing of low cost and Environmentally Friendly Nonosized Zerovalent Metal Catalysts to Reduce Arsenic Contamination in Drinking Water of District Vehari	Approved
69	HEC	Dr. Syeda Sitwat Batool	Physics	Islamabad	Hydrogen Production using metal oxide nanomaterials as photocatalysts	Approved
70	HEC	Dr. Muhammad Aamir Razaq	Physics	Lahore	Development of Natural Fibers Based Flexible Paper Electrodes for Li-Ion Batteries	Approved
71	HEC	Waqar Ahmed	Physics	Islamabad	Piezoelectric Nanogenerators for Random Mechanical Energy Harvesting	Approved
72	HEC	Dr. Muhammad Yar	Interdisciplinary Research Center in Biomedical Materials (IBCRM)	Lahore	Development of advanced proangiogenic wound dressings for patients in pakistan with diabetic ulcers and burns injuries	Approved
73	HEC	Dr. Muhammad Ikram	Pharmacy	Abbottabad	Engineering of an All-in-one Three-dimensional Platform for Cultivation of Multicellular Hepatoma Tumoroids to Evaluate Chemoresistance	Approved
74	HEC	Dr Khalid Rauf	Pharmacy	Abbottabad	Behavioral and Neurochemical profiling of selected Phytochemicals in animal model of Alcohol Addiction	Approved
75	HEC	Dr. Syed Tatheer Alam Naqvi	Biotechnology	Abbottabad	Bioremediation and detoxification of textile wastewater by using microbial based bioreactor	Approved
76	HEC	Prof. Dr. Jamshed Iqbal (T.I.)	Pharmacy	Abbottabad	Antagonists of Purinergic Receptors (P2X and P2Y): A Novel Approach for the Treatment of Inflammation and	Approved
77	HEC	Dr. Iftikhar Zeb	Biotechnology	Abbottabad	In-situ microaeration of anaerobic digester co-treating agricultural wastes for enhanced biomethanation	Approved
78	HEC	Dr. Muhammad Sohail	Pharmacy	Abbottabad	Nanocrystals (NC) laden enzymatically crosslinked hydrogels for accelerated bone tissue regeneration	Approved

79	HEC	Dr. Abdul Jabbar Shah	Pharmacy	Abbottabad	Constituents as Potential Candidates for Managing Hypertension	Approved
80	HEC	Dr. Muhammad Qasim	Earth Sciences	Abbottabad	COLLISION ALONG THE NORTHWESTERN MARGIN OF INDIAN PLATE, PAKISTAN	Approved
81	HEC	Dr. Umer Rashid	Chemistry	Abbottabad	thiazolidinedione Core for Targeting Enzymes Associated with Alzheimer's Disease: Design, Synthesis and Biological Evaluations	Approved
82	HEC	Dr. Shafiq ur Rehman	Mathimatics	Attock	Coloring of Finite Algebraic Structures	Approved
83	HEC	Dr. Farman Ullah	Electrical and Computer Engin	Attock	Contact Tracing and Monitoring Framework Leveraging Artificial Intelligence	Approved
84	HEC	Dr. Muhammad Shoaib	Mathimatics	Attock	nonlinear epidemic models with furture generation diseases control	Approved
85	HEC	Dr Sohail Ahmad	Humanities	Islamabad	cross cultural communication between Chinese and Pakistani communities working under China Pakistan Economic Corridor (CPEC)	Approved
86	HEC	Fayyaz Ahmad Faize	Humanities	Islamabad	Developing Twenty-First Century Skills in Secondary Students through Scientific Inquiry and Scientific Argumentation (SISA)	Approved
87	HEC	Dr. Muhammad Ajmal	Biosciences	Islamabad	Genetic Analysis of the Cholelithiasis For the Development of Non-invasive Genetic Screening Panel for Early Diagnosis.	Approved
88	HEC	Dr. Muhammad Inam Afzal	Biosciences	Islamabad	Impact of antimicrobials adaptation on tolerance to antibiotics, acid and heat in pathogenic microbes	Approved
89	HEC	Dr. Adeel Ahmad	Mathimatics	Islamabad	Heat Transfer Enhancement: Non-similar Modeling	Approved
90	HEC	Awan/ Dr. Muhammad Jadoon Khan (new PI)	Biosciences	Islamabad	Investigating the role of circularRNAs in miRNA sponging to modulate IL-17 pathway in oral cancer.	Approved
91	HEC	Dr. Muhammad Rehman	Physics	Islamabad	Phenomenological Effects of Flavored Gauge Mediated Supersymmetry Breaking and Higgs Physics	Approved
92	HEC	Dr. Qudrat Khan	CAST	Islamabad	Practical Model Design and Flight Control of Birds Mimicking System	Approved
93	HEC	Dr Shurjeel Wyne	Electrical and Computer Engin	Islamabad	Securing Wireless Communications by Secret Key Generation from Channel Samples	Approved
94	HEC	Dr. Hamid Ali	Biosciences	Islamabad	Therapeutic Investigation and Molecular Characterization of Liver Fibrosis	Approved
95	HEC	Dr. Muhammad Awais Javed	Electrical and Computer Engin	Islamabad	Blockchain and IoT enabled smart contracts for robust and transparent supply chain	Approved
96	HEC	Dr Mahmood Akhtar Kayani	Biosciences	Islamabad	Exosome therapy: an innovative perspective in breast cancer diagnosis and treatment	Approved
97	HEC	Dr. Umer Farooq	Electrical Engineering	Islamabad	Non-Similar Modeling of Carbon Nanotubes and Oil Based Nanofluids for Oil Exploration and Production	Approved

98	HEC	Syed Ali Musstjab Akber Shah	Biosciences	Islamabad	Fluoride contamination into the groundwater of Punjab, Pakistan and associated health risk in children population	Approved
99	HEC	Muhammad Abid	Mechanical Engineering	Wah	thermal characterization of insulating and building materials	Approved
100	HEC	Dr. Shahzad Saleem	Biosciences	Sahiwal	COPING IT WITH ALTERNATIVE STORED	Approved
101	HEC	Dr. Ghazanfar Abbas	Physics	Lahore	Cost Effective Nano-Structured Materials for Low Temperature Fuel Cells (300 - 600oC)	Approved
102	HEC	Dr. Sobia Tabassum	Interdisciplinary Research Cen	Lahore	Multifunctional Smart Selfhealing Hydrogel for Synergistic Periodontitis Treatment under HEC-Peridot 2021	Approved
103	HEC	Dr. Muhammad Anis-ur-Rehman	Physics	Islamabad	Facile Synthesis and analysis of cost effective materials for advanced ReRAM Devices	Approved
104	HEC	Maleeha Azam (New PI)	Biosciences	Islamabad	exacerbation of eqpilepsy and study of response to anti	Approved
105	HEC	Dr.Akbar Ali	PHYSICS	Lahore	A ternary nanobiocomposite for fabrication of commercial screen-printed electrode for detection of neurological disorders	Approved
106	HEC	Dr. Fawad Azeem	Energy Research Center (ERC)	Lahore	Enhance the Crop Quality for Optimum Yield and Agricultural Sustainability”	Approved
107	HEC	BILAL AHMAD ZAFAR AMIN	Energy Research Center (ERC)	Lahore	Bioethanol production from lignocellulosic agricultural waste: biorefinery concept and its industrial implications	Approved
108	HEC	Dr.Ishrat Sultana	physics	Lahore	Based Paper Electrodes for Next Generation Hybrid Energy Storage/Conversion Devices	Approved
109	HEC	Dr Lubna Sherin	Chemistry	Lahore	simultaneous detection of multiple trace metal ions in aqueous solution	Approved
110	HEC	Dr. Aqif Anwar Chaudhry (Old PI)/ Dr. Athar Farooq (new PI)	Interdisciplinary Research Cen	Lahore	Development of Halal Uni & Bi functional Bioactive Scaffolds for Advanced Hard Tissue Repair	Approved
111	HEC	Mian Hasnain Nawaz	Interdisciplinary Research Cen	Lahore	Fabrication and Commercialization of Indigenously Designed Glucometers and their Testing Strips	Approved
112	HEC	Dr. Mustansara Yaqub	Interdisciplinary Research Cen	Lahore	Fabrication of ultra-sensitive, on-site monitoring devices for antibiotic drug residues in food safety and quality assurance applications	Approved
113	HEC	Dr. Arsalan Ahmed	Interdisciplinary Research Cen	Lahore	Formulation of herbal nanoparticles for diabetes treatment	Approved
114	HEC	Dr. Muhammad Javid Iqbal	CHEMISTRY	Lahore	Gelatin sources authentication in commercial products for halal certification	Approved
115	HEC	Sadia Khalid	Mathimatics	Lahore	Inequalities and New Grüss and Ostrowski Type Upper Bounds via Interpolating Polynomials	Approved
116	HEC	Dr. Hasnain chaudary	Computer Science	Lahore	Intellgent service Design Development and Adaptation solution	Approved
117	HEC	Sumaira Kanwal	Biosciences	Sahiwal	Variants in Charcot-Marie –Tooth disease Pakistani families by Whole exome sequencing Analysis	Approved

118	HEC	Dr. Muhammad Abuzar Baqir	Electrical and Computer Engineering	Sahiwal	Metamaterial-based Sensors for Chemical Detection and Biosensing	Approved
119	HEC	Dr. Muhammad Farhan Saeed	Environmental Sciences	Vehari	contaminated soil with heavy metals and pesticides to enhance productivity and quality of Wheat	Approved
120	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Sahiwal	Nutrients Impact/Risk Assessment for Rice Fortification to Combat Malnutrition	Approved
121	HEC	Dr. Tahir Mushtaq	Mathimatics	Vehari	waveguide modelling of the vocal tract to generate real-time speech	Approved
122	HEC	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Assessing the potential of quinoa as a climate proof crop; implications for food security in changing climate	Approved
123	HEC	Dr. Faiz Rabbani	Environmental Sciences	Vehari	Removal of colorants, non-colorants and heavy metals from wastewater using Transition Metal Composites	Approved
124	HEC	Dr. Aamir Qamar	Electrical and Computer Engineering	Wah	Grounding Grid Fault Diagnosis with Emphasis on Substation Electromagnetic Interference	Approved
125	HEC	Dr. Nadia Nawaz	Electrical and Computer Engineering	Wah	Jet-powered UAVs Communication using Artificial	Approved
126	HEC	Nadir Shah	Computer Science	Wah	Performance of Software Defined Vehicular Network-based Fog computing Environments	Approved
127	HEC	Dr. Tallha Akram	Electrical and Computer Engineering	Wah	Computer-Aided Mammography Diagnosis System	Approved
128	HEC	Sarfraz Nawaz Malik	Mathimatics	Wah	Developments in Operator Theory of Complex Variables	Approved
129	HEC	Dr. Muhammad Khan	Economics	Lahore	Carrot, Stick or Nudges: Testing the effectiveness of Plastic Bag Compliance Behavior in Islamabad, Pakistan	Approved
130	HEC	Ms. Zohra Zahra	Physics	Islamabad	Access to Scientific Instrumentation	Approved
131	HEC	Mr. Yasir Abbas	Physics	Islamabad	Access to Scientific Instrumentation	Approved
132	HEC	Mr. Yasir Abbas	Physics	Islamabad	Access to Scientific Instrumentation	Approved
133	HEC	Mrs. Kousar Perveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
134	HEC	Mrs. Kousar Perveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
135	HEC	Mrs. Kousar Perveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
136	HEC	Mrs. Kousar Perveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
137	HEC	Mrs. Kousar Perveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
138	HEC	Dr. Muhammad Imtiaz	Environmental Sciences	Vehari		Approved
139	HEC	Dr. Muhammad Rafi Raza	Chemical Engineering	Lahore	Effects of sintering environment on mechanical properties & corrosion resistance of the powder injection molded 316L stainless steel	Approved

140	HEC	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Sonochemical synthesis of modified titanium dioxide nanotubes (visible light active) for treating water pollutants	Approved
141	HEC	Dr. Muhammad Hassan	Biosciences	Islamabad	Exploring the transcriptional regulation mechanism of type III secretion system (T3SS) in plant pathogen pseudomonas syringae	Approved
142	HEC	Dr. Muhammad Saeed Akram	Mathimatics	Islamabad	Distance between system behaviors	Approved
143	HEC	Dr. Saima Anis	Mathimatics	Abbottabad	Homomorphic images of the pPicards group	Approved
144	HEC	Dr. Muhammad Ali	Chemistry	Abbottabad	Boron medicated asymmetric allylations of imines and their applications in the total synthesis of kianic acid	Approved
145	HEC	Dr. Sajad Hussain	Physics	Islamabad	Growth and characterization of nanostructure semiconductors through solution method	Approved
146	HEC & French Embassy	Dr. Wajid Nasim	Environmental Sciences	Vehari	Application for Hec & French Embassy Jointly Funded Post Doctoral Scholarship	Approved
147	Higher Education Commission	Prof.Dr. Jamshed Iqbal	CADR	Abbottabad	Development of GPR120 Agonist-A Drug to Promote Insulin Secretion and Improves chronic Inflammation	Approved
148	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
149	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
150	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
151	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
152	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
153	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
154	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
155	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
156	Higher Education Commission	Kousar Parveen	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
157	Higher Education Commission	Noor ul Ain	Biosciences	Islamabad	Access to Scientific Instrumentation	Approved
158	Higher Education Commission	Prof. Dr. Saqib Gulzar	Business Administration	Wah	Pak-France: Potential of ESG Investing for the Prosperity of Pakistani Equity Markets	Approved
159	Higher Education Commission	Dr. Farha Masood	Biosciences	Islamabad	Design and Development of affordable nanocomposite-based water filters for removal of heavy metals and	Approved

160	Horizon 2020	Dr. Syed Habib Bokhari (Team Member)	Biosciences	Islamabad	Advanced bioinformatics for genome and metagenome analyses and discovery of novel biocatalists from extremophiles: implications for improving industrial bioprocesses	Approved
161	International Foundation for Science	Dr. Farhan Hafeez	Environmental Sciences	Abbottabad	Nitrogen cycling in different soil ecosystems and influence of the size of nosZ denitrifiers on overall budget of the greenhouse gas-nitrous oxide	Approved
162	International Foundation for Science	Dr. Asma Tufail Shah	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Synthesis and characterization of novel polyoxometalates catalysts for production of fuel oil by catalytic cracking of polyethylene waste	Approved
163	International Foundation for Science	Dr. Rumana Keyani/ Dr. Ayesha Tahir (new PI)	Biosciences	Islamabad	Enhancement of oxidative stress tolerance in wheat by enzymes	Approved
164	International Foundation for Science	Dr. Iftikhar Zeb	Environmental Sciences	Abbottabad	Co- digestion of animal and agro industril waste for improved biogas and biofertilizer production in pakistan	Approved
165	International Foundation for Science	Ms. Bina Zarif	Biosciences	Islamabad	Nano nutraceuticals for sustainable food enrichment a step to target hidden hunger	approved
166	International Foundation for Science (IFS)	Dr. Zia Uddin	Pharmacy	Abbottabad	enzymes inhibitory potential of buxus willichiana and andrachne cordifolia	Approved
167	Islamic World Educational, Scientific and Cultural Organization ICESCO Morocco	Dr. Muhammad Umer Khan	Electrical and Computer Engineering	Islamabad	Take stock of the technological innovations used for better treatment of disease	Approved
168	NARC	Dr. Humaira Yasmin/ Dr. Asia Nosheen (new PI)	Biosciences	Islamabad	Development of novel biofertilizer consisting of consortium of strains to cope with the emerging challenges of abiotic stresses under climate change	Approved
169	National Engineering & Scientific Commission (NESCOM)	Dr. Farman Ullah	Electrical and Computer Engineering	Attock	moving Tgt Recog & Trading on TI multi-processor SOC (MPSCC)	Approved
170	National Engineering and Scientific Commission (NESCOM)	Dr. Zulfiqar Ali	Chemical Engineering	Lahore	High Damping Rubber Composite (HDRCs) for vibration Damers	Approved
171	National Engineering and Scientific Commission (NESCOM)	Dr. Muhammad Awais Javed	Electrical & Computer Engineering	Islamabad	Identification of active channels in a cdma2000 signal in COMINT mode	Approved
172	National Engineering and Scientific Commission (NESCOM)	Prof.Dr. Nadia Nawaz	Electrical and Computer Engineering	Wah	DSP Accelerator Design for RISC-V Processor	Approved
173	National Engineering and Scientific Commission (NESCOM)	Dr. Ahmad Naseem Alvi	Electrical & Computer Engineering	Islamabad	Intelligent Reflecting Surfaces Assisted UAV	Approved
174	National Engineering and Scientific Commission (NESCOM)	Dr. Muhammad Awais Javed	Electrical & Computer Engineering	Islamabad	Non-Cooperative Detection and Classification of OFDM	Approved
175	National Engineering and Scientific Commission (NESCOM)	Dr. Sikandar Gull/ Dr.Khurram Ali (new PI)	Electrical & Computer Engineering	Islamabad	Design and Development of low noise Transmitter / Reciever circuit for acoustic transducer of deep water	Approved
176	National Engineering and Scientific Commission (NESCOM)	Dr. Shahzad Hussain	Physics	Islamabad	Synthesis and Characterization of (2D) Titanium Carbide Ti3C2 for optoelectronic Application	Approved
177	National Engineering and Scientific Commission (NESCOM)	Dr. Farhan Shafique	Electrical & Computer Engineering	Islamabad	Wrap around X band antenna of FMCW radar for aerial platform	Approved

178	National Engineering and Scientific Commission (NESCOM)	Dr. Khurram Ali	Electrical & Computer Engineering	Islamabad	Design and development of voltage controlled tunable filter and low noise amplifier	Approved
179	National Engineering and Scientific Commission (NESCOM)	Dr. Jawad Mirza	Electrical & Computer Engineering	Islamabad	Passive drone detection and tracking	Approved
180	National Engineering and Scientific Commission (NESCOM)	Dr. Junaid Ahmad	Electrical & Computer Engineering	Islamabad	UAV detection and classification using deep learning from audio and video data.	Approved
181	National Engineering and Scientific Commission (NESCOM)	Dr. Muhammad Adeel Akram	Electrical and Computer Engineering	Wah	Linear Adaptive filter based Multipath Distance Detector Algorithm for GNSS Spoofing Detection	Approved
182	National ICT R&D	Dr. Sadaf Sajjad	Humanities	Islamabad	3D Graphical imagery therapy for Heling brain tumors in children's	Approved
183	National ICT R&D	Dr. Mehmood Ashraf Khan	CAST	Islamabad	Automatic Monitoring and detection system (AMDS) for grey traffic	Approved
184	National ICT R&D	Dr. Muhammad Salman Khan	Computer Science	Lahore	E-Assessment system for C/C++ programming assignments	Approved
185	National ICT R&D	Dr. Irfanullah	Electrical Engineering	Abbottabad	Design and development of conformal beamforming array (CBA) for aerial platform	Approved
186	NCMLS(Nijmegen Centre for Molecular Life Sciences)	Dr. Raheel Qamar & Dr. Maleeha Azam (Team members of the project)	Biosciences	Islamabad	A genetic and functional approach to determine whether disrupted polarized exocytosis results in retina-renal ciliopathies	approved
187	NESCOM	Dr. Farman Ullah	Electrical and Computer Engineering	Attock	Programable precise signal generator module	Approved
188	NESCOM	Dr. Khuram Shahazad	ECE	Islamabad	Design and Development of a Narrowband and ultra - low Noise Pre-amplifier having adjustable Gain	Approved
189	NESCOM	Dr. Khurram Ali	ECE	Islamabad	Design and Implementation of Advanced Servo Motor Control Multi-Loop Architecture with Encoder Feedback	Approved
190	NESCOM	M. Rizwan Azam	Electrical and Computer Engineering	Islamabad	Optimal Control of Active cell Balancing Network for Lithium-ion Battery Pack	Approved
191	NESCOM	Dr, Muhammad Faisal Siddiqui	ECE	Islamabad	Exploration and Implementation of ARM-Trust Zone Architecture in Xilinx ZynQ SoC Environment	Approved
192	NESCOM	Dr. Ali Zahir	ECE	Abbottabad	Real Time Implementation of Edge Enhanced Normalized Correlation Based tracking for HD Video Stream at high	Approved
193	NESCOM	Dr. Zahid Imran	Physics	Islamabad	Development of Metal Oxide Composite material for Optoelectronic Applications	Approved
194	NESCOM	Dr. Junaid Ali	Physics	Islamabad	Design and development of low cost high performance photodetectors based on novel Heterostructure of	Approved
195	NESCOM	Dr. Muhammad Faisal Siddiqui	ECE	Islamabad	Implementation of Physical Unclonable Function (PUF) for Bit stream Obfuscation in FPGA	Approved
196	Norwegian Research Council	Dr. Bahadar Nawab	Development Studies	Abbottabad	Gender and human security in Post-conflict Pakistan: Policy implication of local, gendered understandings of security and development	Approved

197	Norwegian Research Council	Dr. Bahadar Nawab	Development Studies	Abbottabad	Strengthening applied research and capacity at CIIT Abbottabad, Pakistan in Live hood, security and development in Post conflict NWFP through institutional collaboration with the Norwegian University of Life Science (UMB), Norway.	Approved
198	Pakistan Academy of Sciences	Prof. Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Synthesis of thaidiazole thioglycosides derivatives and their investigation on G-protein-coupled receptors (GPCRS) for the treatment of diabetes	Approved
199	Pakistan Health Research Council	Dr. Mahmood A. Kayani	Biosciences	Islamabad	Genetic profiling of base excision repair pathway genes in brain tumors in pakistani population	approved
200	Pakistan Institute of Development Economics (PIDE)	Dr. Shahzad Kousar	Economics	Islamabad	The Art of Exporting Halal Beef: A Case study of Pakistan	Approved
201	Pakistan Science Foudation	Dr. Amara Mumtaz	Chemistry	Abbottabad	Synthesis of 1,3-Disubstituted Thioureas as Potential pesticides to deal with the Hurdles in Sustainable wheat growth in Pakistan	Approved
202	Pakistan Science Foudation	Dr. Nabi Shah	Pharmacy	Abbottabad	To Assess the Role of CYP11B2 Gene in the Management of Hypertension by Determining its Complex Genetic Architecture	Approved
203	Pakistan Science Foudation	Dr. Faisal Khan	Electrical & Computer Engineering	Abbottabad	Design and fabrication of Generator for counter rotating wind turbine application	Approved
204	Pakistan Science Foudation	Dr. Muhammad Aamir Razaq	Physics	Lahore	Regulating electrode-electrolyte interfaces through	Approved
205	Pakistan Science Foudation China	Dr. Muhammad Nasir	IRCBM	Lahore	Developing a coupled strategy for synthesis of highly efficient photocatalysts for overall water splitting to	Approved
206	Pakistan Science Foundation	Dr. Saadia Naseem	Biosciences	Islamabad	Phage based biocontrol of bacterial wilt disease in tomato and chillies for sustainable production	Approved
207	Pakistan Science Foundation	Dr. Khurshid Ayub	Chemistry	Abbottabad	Design of de Varies Liquid Crystals by Tuning the non Planarity of the Nitrogenous calamatics	Approved
208	Pakistan Science Foundation	Dr. Samina Khalid	Environmental Sciences	Vehari	Evaluating the potential of zero energy cool chambers (ZECC) for shelf-life extension of horticultural crops	Approved
209	Pakistan Science Foundation	Dr.Zahid Ali	Biosciences	Islamabad	Exploring potential of Eco Friendly allelochemical and their analogs to manage weed infestation in Wheat (Triticum Aestivum L)	approved
210	Pakistan Science Foundation	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Commercialization of PCR diagnostic kits diagnosis of Banana pathogens	Approved
211	Pakistan Science Foundation	Dr. Raza Ahmad	Environmental Sciences	Abbottabad	Improvement of carotenoid contents and herbicide tolerance in transgenic potato for commercial cultivation	Approved
212	Pakistan Science Foundation	Dr. Muhammad Ghaffar Doggar/ Dr. Zakir Khan (New PI)	Energy Research Center (ERC)	Lahore	Basic research and capacity investigation for distributed bioenergy utilization via thermo-chemical conversion	approved
213	Pakistan Science Foundation	Dr. Muhammad Abid	Mechanical Engineering	Wah	Design and development of innovative impact resistant hybrid structures based on super elastic shape memory alloys and light weight lattice	approved

214	Pakistan Science Foundation	Dr. Mohsin Raza (new PI) /Dr. Muhammad Abid (old PI)	Centre for Climate Research and Development (CCRD)	Islamabad	Sustainable bioenergy development in emerging economies under global changes: current practice perception response and management	Approved
215	Pakistan Science Foundation	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Development of probiotic formulation to mitigate mycotoxicity and fortify the growth potential of live stock fee	Approved
216	Pakistan Science Foundation	Dr. Sana Sabahat	Chemistry	Islamabad	Fabrication of electrochemical nanobiosensor	Approved
217	Pakistan Science Foundation	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	Biodegradation of electronic waste pollutants in Pakistan soils	approved
218	Pakistan Science Foundation	Dr. Arshad Saleem Bhatti	Physics	Islamabad	Design of graphene and 2D materials based flexibles sers sensor and realization of self cleaning function	Approved
219	Pakistan Science Foundation	Dr. Hafiza Fakhra Ikram	IRCBM	Lahore	Fabrication of RNA nanoparticles for the regression of MYCN/TERT overexpressing human cancers	approved
220	Pakistan Science Foundation	Dr. Hamad Khalid	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Better bones regeneration development of osteogenic bioceramics reinforces tri layer electrospun fobers	Approved
221	Pak-UK Fellowship	Dr. Ather Farooq Khan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Nerve tissue engineering	Approved
222	Pak-UK Fellowship	Dr. Muhammad Yar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Skin Tissue engineering	Approved
223	Pak-UK Fellowship	Dr. Faiza Sharif	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Skin Tissue engineering	Approved
224	Pak-UK Fellowship	Dr. Asma Tufail Shah	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Dental Materials	Approved
225	Pak-UK Fellowship	Dr. Farasat Iqbal	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Bone substitutues	Approved
226	PAK-US Research Grant Program in Water 2018	Dr. Farah Masood	Biosciences	Islamabad	Multifunctional nanocomposite membranes for wastewater treatment	Approved
227	PAS	Dr. Raheel Qamar	Biosciences	Islamabad	Identification of Common Genetic Factors In Age Related Multifactorial eye Diseases	Approved
228	PASF-TUBITAK	Dr. Shumaila Karamat and Prof. Dr. Arshad Saleem Bhatti	Physics	Islamabad	2d material based flexible li lon batteries for robust and wearable electronics	Approved
229	PSF	Dr. Mustansara Yaqub	IRCBM	Lahore	Electrochemical immunosensor for highly sensitive detection of ovarian cancer biomarker CA 125 for financial assistance under research support programme(PSF)	Approved
230	PSF	Dr. Nadia Nawaz	Electrical & Computer Engineering	Wah	Cohort: a32-bit configurable digital signal processor for industrial control applications	Approved

231	PSF	Dr. Yasser Shahzad	Pharmacy	Lahore	Development and characterization of tioroxicam loaded nano-sponges for topical applications in rheumatoid arthritis	Approved
232	PSF	Dr. Mian Hasnain Nawaz	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Setting up the disposable electrode printing work station and fabrication of printable electrodes for efficient detection glucose	Approved
233	PSF	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Spatio-temporal glacier variation and its influence on the water availability in Hunza Basin along the CPEC Route	approved
234	PSF-NSLP	Dr. Muhammad Imran	Biosciences	Islamabad	Food grade nano additives to control the salmonellosis and campylobacteriosis one health concept	Approved
235	PSF-TUBITAK	Dr. Farasat Iqbal	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Innovative biodegradable zinc based materials and implants for pediatric orthopedic applications	Approved
236	PSF-TUBITAK	Dr. Muhammad Yar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Translating smart design v patch for vesicovaginal fistula repair bench top to clinical application	Approved
237	PSSP (International Food Policy Research Institute)	Dr. Mansoor Ahmed	Management Sciences	Islamabad	High performance human resource management as a tool to enhance indigenous Pakistani firms performance	Approved
238	PSSP (International Food Policy Research Institute)	Dr. Muhammad Khan	Management Sciences	Lahore	Empowerment in textile sector occupational health and women empowerment	Approved
239	Research Collaboration Program	Dr. Ahsan Illahi	Physics	Islamabad	Coupling analysis of em wave with multiport system using software simulation	Approved
240	Sugarcane Research and Development Board Punjab	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Development of sequence characterized amplified region (SCAR) markers to identify and characterize the different races of Colletotrichum rot necrotic in Punjab	Approved
241	SWISS Cooperation office of the Embassy Switzerland	Dr. Toqeer Ahmed	Centre for Climate Research and Development (CCRD)	Islamabad	Smart water metering and pricing project: A step towards sustainable Management	Approved
242	The Degrees Initiative England UK	Dr. Athar Hussain	Centre for Climate Research and Development (CCRD)	Islamabad	Study of Impact of SRM and Climate change on Malaria Dynamics in South Asia	Approved
243	The Degrees Initiative UK Based	Dr. Athar Hussain	Meteorology	Islamabad	Understanding the socio-political dimensions of climate change and solar radiation modification in health sector of	Approved
244	TWAS	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Potential severity of antimicrobial resistance on health approach in Benin and Pakistan	Approved
245	United Kingdom Research and Innovation Global Challenges Research Fund (UKRI GCRF)	Dr. Saeed .A. Asad	Biosciences	Islamabad	South Asia Nitrogen Hub (SANH) Funded by the United Kingdom Research and Innovation Global Challenges Researches fund (UKRI GCRF)	Approved
246	USAID (PEER)	Dr. Muhammad Abid	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Wah	Satellite enhanced snowmelt flood and drought prediction for the Kabul River basin (KRB) with surface and groundwater modeling	approved
247	British Council	Dr. Syed Habib Bokhari	Biosciences	Islamabad	Source Tracking and surveillance system of diarrhoeagenic bacterial pathogens in Pakistan	Approved
248	COMSTECH-TWAS	Dr. Muhammad Zafar	Meteorology	Islamabad	Biotransformation (Detoxification of Arsenic in Soil and human Samples from Pakistan	Approved & completed
249	HEC	Dr. Faisal Khan	Electrical Engineering	Abbottabad	Design and analysis of novel three phase hybrid excited linear flux switching machine for advanced electrical power train	Approved & completed

250	HEC	Dr. Aamir Wali Rauf	Physics	Islamabad	Study of Heavy Ion Physical With ALLICE at LHC CERN.	Approved & Completed
251	HEC	Dr. Kiramat Khan/ Dr. Muhammad Maroof Shah	Environmental Sciences	Abbottabad	Development and Role of Indigenous Maize Hybrids for Hilly Areas of North -western region of Pakistan	Approved & Completed
252	HEC	Dr. Mahmood A Farooqi,	Environmental Sciences	Abbottabad	Sedimentology Geochemistry and Provenance of late protero zoic- salt Range Formation Salt range, Pakistan	approved & Completed
253	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Meteorology and Development of Non Thermal Plasmas for in Vivo Medical Treatment	Approved & Completed
254	HEC	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Sequencing and Mapping of Mycobacterium Tuberculosis from Patient in Pakistan by Using Next Generation Squencing	Approved & Completed
255	HEC	Dr. Rafaqat Hussain , Dr. Saadat Anwar Sidiqi new PI	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Synthesis and Characterization of Novel Bioceramics for Orthopedic application	Approved & completed
256	HEC	Dr. Abdul Samad Khan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Indigenous Development of a Novel Nan fibrous Dental Composite for Tooth Regeneration	Approved & completed
257	HEC	Dr. Khalida Inayat Noor	Mathimatics	Islamabad	Research Unit of Academic in Geometric Function theory and applications	approved & Completed
258	HEC	Dr. Arshad Saleem Bhatti	Physics	Islamabad	" Optical Characterization of Low Dimensional Semiconductors (Elemental and Comund) for Sensor and catalytic Applications	Approved & Completed
259	HEC	Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Development of Potent And Selective Modulators of Alkine Phosphatases from Natural Products as Well As Synthetic Derivatives As Lead Structures	Approved & Completed
260	HEC	Dr. Ramla Shahid	Biosciences	Islamabad	Isolation and culturing of Adult Skin Stem Cells for better Wound repair in burnt and acid Attack Victims	Approved & Completed
261	HEC	Dr. Muhammad Imran	Biosciences	Islamabad	Nano Active Packaging for Food Biosafety: 3-BIOS Strategy for Milk and Meat Industry	Approved & Completed
262	HEC	Dr. Raza Ahmad	Environmental Sciences	Abbottabad	Improvement of potato plant photosynthesis by Engineering Novel Cyanobacterial Carbon Dioxide Concentrating Mechanism	Approved & Completed
263	HEC	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of Durable & cost Effective Polymer Electrolyte Membranes for Fuel Cells: A Stop Froward To Fuel Cell Commercialization	Approved & Completed
264	HEC	Dr. Maleeha Azam	Biosciences	Islamabad	Identification of Common Genetic Factors In Age Related Multifactorial Diseases	Approved & Completed
265	HEC	Dr. Wajid Nasim	Environmental Sciences	Vehari	Assessing The Impact of Climate Change on Wheat & Cotton Grown Under Different Types of Soil In Various Agro-Environmental Conditions of Southern Punjab-Pakistan Using Crop Simulation Models	Approved & Completed
266	HEC	Dr. Naim Rashid	Environmental Sciences	Lahore	The Use of Micro Algae for Bio Diesel Production and Waste Water Treatment in Pakistan	Approved & Completed
267	HEC	Dr. Hafiz Zahid Mahmood	Management Sciences	Lahore	Desertification, Agro-forestry and Socioeconomics nexus: An Empirical Appraisal from ThaL Region	Approved & Completed

268	HEC	Dr. Mirza Tariq Humayun	Electrical Engineering	Lahore	Design and Implementation of Robust Fault Detection and Augmentation Fault Tolrance Scheme for Saftey Critical Plants	Approved & Completed
269	HEC	Dr. Adnan Ahmad Dogar	Development Studies	Abbottabad	Valuation and Documentation of Cultural heritage of Tehsil Abbottabad for the Promotion of Cultural Tourism	Approved & completed
270	HEC	Dr. Awais Ali (New PI) Dr. Adnan Nazir old PI	Physics	Islamabad	Plasmonic Nanostructures for Improved Photovoltaic	Approved & Completed
271	HEC	Dr. Muhammad Mudassar	Biosciences	Islamabad	Identification of Novel Chemical Scaffolds for Cholinesterases inhibition to treat Alzheimer's Disease	Approved & Completed
272	British Council	Dr. Shahid Nadeem Chohan	Biosciences	Islamabad	Analysis of Floate Imbalance in Human Cerebrospinal Fluid As a possible cause of poor brain development in Hydrocephalic Neonates	Approved & Completed
274	COMSTECH-TWAS	Dr.Muhammad Junaid Amjad	Physics	Lahore	Enhanced Solar Cell Efficiency by Sunlight Downshifting and Upconversion	Approved & completed
275	Federal Ministry for Education & Research Germany	Dr. Saeed Ahmad Asad	Centre for Climate Research and Development (CCRD)	Islamabad	Sustainable food systems under climate change in south Asia	Approved & Completed
276	HEC	Dr. Qaiser Aman	Management Sciences	Vehari	Relationship Between Financial Constraints and Research Productivity: A Comparative Study of public and Semipublic Univeristies of Pakistan	Approved & completed
277	HEC	Dr. Muhammad Nadeem Khan	Environmental Sciences	Abbottabad	In vitro conservation of neolisteia cuipala, a critically endangered plant species in Pakistan	Approved & completed
278	HEC	Dr. Asad Muhammad Khan	Chemistry	Abbottabad	Synthesis of Dye encapsulated silica nanoparticles	Approved & completed
279	HEC	Dr. Imran Malik, Dr. Amara Mumtaz new PI	Chemistry	Abbottabad	Synthesis of Biologically Active Chromone Derivatives by Palladium Catalyzed Cross Coupling Reaction	Approved & completed
280	HEC	Dr. Rashid Amin	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Artificially designed DNA scaffold cross tile	Approved & completed
281	HEC	Dr. Abid Ali Khan	Chemistry	Abbottabad	Exploitation of soil born fungi for biologically active secondary metabolites	Approved & completed
282	HEC	Dr. Osman Sadiq Paracha	Management Sciences	Islamabad	Impact of High performance work systems onorganizational performance in Higher education sector	Approved & completed
283	HEC	Dr. Irum Shahzadi	Environmental Sciences	Abbottabad	Investigation of biochemical and genotoxic effects of heavy metals on medicinal plants (Tagetes Species) using various biomarkers	Approved & completed
284	HEC	Dr. Tayyab Ashfaq /Dr. Muhammad Bilal (New PI)	Environmental Sciences	Abbottabad	Biomass derived Adsorbents for Industrial Wastewater Treatment"	Approved & completed
285	HEC	Dr. Syed Tahir Abbas Shah	Biosciences	Islamabad	Modulation of adenosine deamination patterns in cardiovascular patients	Approved & completed
286	HEC	Dr. Saima Feroz	Biosciences	Islamabad	Impact of Non-coding RNA in Bladder Cancer patient	Approved & completed
287	HEC	Dr. Sana Sabahat	Physics	Islamabad	Electrochemical Fabrication of Ferrocene Functionalized Gold Nanoparticles for the Electrocatalytic Sensing of Biological Entities	Approved & Completed

288	HEC	Dr. Umair Manzoor	Physics	Islamabad	Remediation and waste water treatment using solar energy and semiconductor oxide nanostructures as photocatalytic smart materials	Approved & completed
289	HEC	Dr. Zakira Noureen	Biosciences	Islamabad	Identification of silicate solubilizing bacteria for plant growth promotion and biological control fungal diseases in siliceous crops	Approved & Completed
290	HEC	Dr. Akhtar Hayat	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Portable, disposable and cost-effective aptamer based assays for early diagnosis of cancer cells	Approved & completed
291	HEC	Dr. Azmat Iqbal, Dr. Muhammad Junaid Amjad	Physics	Lahore	Photodetachment of H near surfaces using closed orbit theory	Approved & completed
292	HEC	Dr. Muhammad Adnan Hashmi , Dr. Zulfiqar Habib	Computer Science	Lahore	An ambient intelligence platform supporting context aware planning	Approved & Completed
293	HEC	Dr. Muhammad Wasim Sajid	Biosciences	Sahiwal	Appraisal of School going children acquaintance to Some Organochlorine and Pyrethroid pesticide residues through Milk From Sahiwal market	Approved & completed
294	HEC	Dr Hira Siddiqui	Physics	Islamabad	Analysis and Modeling Chaos in Fluid Dynamical Systems	Approved & completed
295	HEC	Dr Faheem Ahmad / Dr. Zahid Ali New PI	Biosciences	Islamabad	Exploring Potential Of transgenic Peas (Pisum Sativum L) Harboring Combined Na ⁺ /H ⁺ Antiporter and Luc Reporter Against Helicoverpa Armigera Hubner (Lepidoptera: Noctuidae)	Approved & completed
296	HEC	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Wound Healing And Tissue Regeneration Activities of Bacterial Cellulose-Montmorillonite Nano-Reinforced Composite Films in Burn Mice Models	Approved & completed
297	HEC	Dr. Maira Janjua / Junjua	Biosciences	Islamabad	Evaluation of probiotic potential of the indigenous strain of lactic acid Bacteria found in the fermented dairy products in Pakistan	Approved & Completed
298	HEC	Dr. Fahad Munir	Mathimatics	Islamabad	Peristaltic Transport of Water Based Nanofluids Subject to Different Thermal Conductivity Models	Approved & Completed
299	HEC	Dr. Muhammad Imran	Physics	Lahore	Formation of Microchannels fo Micro Fluidic devices on Polymers by direct laser Writing Technique	Approved & completed
300	HEC	Dr Sadia Sattar	Biosciences	Islamabad	Development of a lateral device for differential dignosis of endemic Vibrio cholera sub clades in Pakistan	Approved & completed
301	HEC	Dr. Jaweria Ambreen	Physics	Islamabad	Characterization studies of poly (2-ethyl- oxazoline) and Star-shaped Poly (acrylic acid) samples in solution	Approved & completed
302	HEC	Dr Muhammad Rizwan Ashraf	Environmental Sciences	Vehari	Carcinogenic potential of extensivley used pesticdic compounds of cotton grown district Vehari of Punjab Pakistan	Approved & completed
303	HEC	Dr Maria Mustafa	Chemical Engineering	Lahore	Development Of inkjet Printing System for Printing Two Dimensional Conductive Patterns	Approved & Completed
304	HEC	Dr Kamran Rasool/ Dr. Awais Ali new PI	Physics	Islamabad	Investigation of Carrier Transport Properties of Metal Oxides Nanostructures	Approved & completed

305	HEC	Dr Mazhar Ali	Environmental Sciences	Vehari	Screening of most Promising Spring Maize Cultivars for Better Agro-Economic Values Under Ecological Conditions of Vehari	Approved & completed
306	HEC	Dr Zahid Imran	Physics	Islamabad	Complex Metal Oxides based electronic devices for transport and Gas sensing Properties	Approved & Completed
307	HEC	Dr Syeda Sitwat Batool	Physics	Islamabad	Synthesis of Complex metal oxides electrospun nanofibers for Environmental Remediation	Approved & Completed
308	HEC	Dr. Madad Khan	Mathimatics	Abbottabad	Classification of Hurwitz Loci for small Values of genus	Approved & completed
309	HEC	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Investigating the snow cover and glaciers variation trend in the Gilgit River basin, using satellite remote sensing	Approved & completed
310	HEC	Dr. Farah Masood	Biosciences	Islamabad	Designing, characterization and comparative evaluation of biodegradable polymer based nanoparticles delivery systems for sustained drug release	Approved & completed
311	HEC	Dr. Ghulam Hussain	Management Sciences	Sahiwal	Substitutes for leadership: obstacles or opportunities for the leaders	Approved & completed
312	HEC	Dr Shahid Qaisar	Mathimatics	Sahiwal	Trapezoid, Midpoint and Simpson-Type Inequalities Via Fractional Intergrals	Approved & completed
313	HEC	Dr. Nosheen Mirza	Environmental Sciences	Abbottabad	Phytoremediation of heavy metals by pilot scale cultivation of Arundo donax L	Approved & Completed
314	HEC	Dr Hasan Riaz	Biosciences	Sahiwal	Epidemiology and Mapping of Different Genetic and Reproductive Disorders Affecting Productivity In Cattle and Buffaloes In District Sahiwal	Approved & Completed
315	HEC	Dr. Yar Muhammad	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	The effective use of amides & carbonates in sulfur ylide mediated annulations reactions & a novel method development for the efficient synthesis of URAT inhibitors dihydro 1, 4-benzoxazines using vinyl sulfonium salts	Approved & completed
316	HEC	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	Assessing immobilization of cadmium and lead in contaminated soil with compost and biogas residues	Approved & completed
317	HEC	Dr .Muhammad Tahir	Management Sciences	Abbottabad	Modeling the Comparative Impacts of Internal and External Determinants of Economics Growth in Pakistan	Approved & completed
318	HEC	Dr. Mazhar Iqbal, Dr. Raza Ahmad (New PI)	Environmental Sciences	Abbottabad	Transgenic expression of nNoccaea Caerulescens heave metal tolerant gene (HMA\$) IN Tobacco	Approved & Completed
319	HEC	Dr. Usman Latif	Chemistry	Abbottabad	Functionized Synthesis Sensitive Coatings for the Detection of acidic components	Approved & completed
320	HEC	Dr. Sumaira Kanwal	Biosciences	Sahiwal	Studies of Prevalence and mutational screening of peroaneal muscular atrophy (PMA) in familiesof Sahiwal division	Approved & Completed
321	HEC	Dr. Muhammad Awais, New PI Dr. Aqib Anwar Chaudry	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Band gap reduction of rapidly synthesized TiO2 using metal and non metal depants	Approved & completed
322	HEC	Dr. Bilal Khan	Electrical Engineering	Abbottabad	Remote Health monitoring of cardiac patients	Approved & completed
323	HEC	Dr. Faiz Rabbani	Chemistry	Abbottabad	A structural and magnetic study of M-Q-O-CI materials where M=3D-Trnsition metals and Q-Se,Te	Approved & Completed

324	HEC	Dr. Ghulam Mahdi/ Dr. Adnan Ahmad	Computer Science	Lahore	Adaptive game AI: Rethinking te video game experience	Approved & completed
325	HEC	Dr. Bilal Ahmad Zafar Amin	Environmental Sciences	Abbottabad	Role o f nano-enzymes application in remediation of saline solid soils: impact on soil microbial diversity and biodegradation processes	Approved & Completed
326	HEC	Dr. Rab Nawaz	Mathimatics	Wah	Mode-Matching and low-frequency analysis of some structural wave problems	Approved & Completed
327	HEC	Dr. Shumaila Karamat	Physics	Islamabad	Vapor Phase Transport Deposition: New Chapter in Growth of Nano-Structures	Approved & completed
328	HEC	Dr. Toqeer Ahmed,	Environmental Sciences	Abbottabad	Bacteriological Water Quality Assessment of Different Institutions of Abbottabad City in KPK	Approved & completed
329	HEC	Dr. Nazish Bostan	Biosciences	Islamabad	Identification and characterization of Torque teno virus (TTV) in subjects suffering from HCV in Pakistan	Approved & completed
330	HEC	Dr. Malik Ahmad Kamran	Computer Science	Islamabad	Information privacy in collaborative environments	Approved & completed
331	HEC	Dr. Faiza Sharif	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	In vitro and vivo evaluation of novel bioactive osteogenic biomaterials for regenerative medical application	Approved & completed
332	HEC	Dr. Zafar Iqbal	Chemistry	Abbottabad	Synthesis and Photomophysical properties of Titanium phthalocyanines azi ally substituted with tetracyanoguinodimethane and its derivatives	Approved & completed
333	HEC	Dr. Anwar Hussain/ Dr. Ziauddin (newPI)	Physics	Islamabad	Simultaneous recording of two holograms with crossed-polarized light for optical superresolution	Approved & completed
334	HEC	Dr. Rizwan Raza	Physics	Lahore	Development of Nanocomposite Electrolytes and Fundamental Studies of Interfacial Phenomena in Advanced fuel cell Technology	Approved & completed
335	HEC	Dr. Rao Muhammad Adeel Nawab	Computer Science	Lahore	Adapted greedy string tiling (aGST) Algorithm for paraphrased plagiarism detection	Approved & completed
336	HEC	Dr. Sameena Shah Zaman	Physics	Islamabad	Synthesis and Characterization of Nano-Structures Using Spin Coater	Approved & Completed
337	HEC	Dr. Ahsan Jabbar Shaikh	Chemistry	Abbottabad	Gold Nanoparticles for enhanced anti-cancer activity: in vitro studies	Approved & completed
338	HEC	Dr. Amara Mumtaz	Chemistry	Abbottabad	Synthesis, characterization and UV Studies of some coumarin substituted oxadiazoles, triazoles and pyrazoles	Approved & completed
339	HEC	Dr. Sadullah Mir	Chemistry	Abbottabad	Synthesis and Characterization of Silane Crosslinked Linear Low Density Polyethylene/Chitosan/Closite Composite	Approved & completed
340	HEC	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Pesticides analysis in soil of cotton growing area in Vehari region	Approved & completed
341	HEC	Dr. Mushtaq Ahmad	Physics	Islamabad	Metal sulfides based hybrid electronic devices for eneergy applications	Approved & completed
342	HEC	Dr. Amjad Hussain	Mathimatics	Wah	Some new boundedness results for integral operators	Approved & completed
343	HEC	Dr. Aneela Maalik, Dr. Amara Mumtaz CoPI	Chemistry	Abbottabad	Synthesis Characterization and Photo physical Studies of the Substituted Triazoles and Thiazoles	Approved & completed
344	HEC	Dr. Sarfraz Shafiq (Old PI) Dr. Rafiq Ahmad (New PI)	Environmental Sciences	Abbottabad	Identification and Characterization of lead (Pb) responsive genes in wheat (tritium Aestivum L.)	Approved & Completed

345	HEC	Dr. Saif ullah/ Dr. Sadia Manzoor	Physics	Islamabad	Carbon doped ZnO nanostructured materials	Approved & Completed
346	HEC	Dr. Tariq Mahmood	Chemistry	Abbottabad	Synthesis Nuclear Activity and Fluorescence Properties of Cobalt Complexes	Approved & completed
347	HEC	Dr. Asia Nosheen	Biosciences	Islamabad	Optimization and response of Kasumbha (Safflower) to PSB and N2 fixing biofertilizers for biodiesel production	Approved & completed
348	HEC	Dr. Muhammad Hammad Aziz	Physics	Lahore	Nanoparticle drug delivery for cancer treatment	Approved & Completed
349	HEC	Dr. Rabia Naz	Biosciences	Islamabad	Biochemical and molecular response of maize (Zea Mays L, to bioformulations following inoculation of fungal pathogen	Approved & completed
350	HEC	Dr. Kiran Munir, Dr. Nadeem Hassan	Biosciences	Islamabad	Identification and Characterization of Metal-Resistant Fungal Strains Isolated from Polluted Sites	Approved & completed
351	HEC	Dr. Muhammad Imran Khan	Management Sciences	Vehari	The impact of social media on teacher's performance: A case study of Dera Ismail Khan and District Vehari, Pakistan	Approved & Completed
352	HEC	Dr. Syed Mohammad usman Shah	Biosciences	Islamabad	Cell culture engineering and optimization of locally-isolated microalgae for enhanced biodiesel production	Approved & completed
353	HEC	Dr. Tariq Umer	computer science	Wah	Connectivity optimization under microscopic permater for VANET	Approved & completed
354	HEC	Dr. Muhammad Atif (Dr. Syed Tauqir Ali Sherazi New PI)	Chemistry	Abbottabad	Modication/characterization of carbon fillers: utilization of modified particles to prepaire conductive epoxy composites	Approved & Completed
355	HEC	Dr. Muhammad Ismail	Statistics	Lahore	Development of new estimator in the presenceof non-response using multi-auxiliary vaiables with applications	Approved & Completed
356	HEC	Dr. Najma Abdul Rehman	Mathimatics	Sahiwal	Harmonic maps on s-Manifolds	Approved & Completed
357	HEC	Dr. Arif Alam	Development Studies	Abbottabad	Estimation of form level technical efficiency in maize productionj in the high mountains north region of Pakistan	Approved & Completed
358	HEC	Dr. Yasir Javed	Management Sciences	Abbottabad	Analyzing the extent of tusing computer support for decision making in various industries of Pakistan	Approved & Completed
359	HEC	Dr. Syed Muhammad Ali Termizi / Syed Muhammad Ali Tirmzi	Management Sciences	Wah	Optimization of instutional protfolio investments	Approved & Completed
360	HEC	Dr. Khalid Ahmad	Environmental Sciences	Abbottabad	Assessment of livelihood improvement through non wood forest products (NWFPs) among the thribal communities of thakht-e-Sulaiman hill, Pakistan	Approved & completed
361	HEC	Dr. Sundus Javed	Biosciences	Islamabad	Risk mapping and source tracking of helicobacter pylori strains along the Indus River flood plain	Approved & completed
362	HEC	Dr. Mumtaz Ahmed	Management Sciences	Islamabad	Comparing tests for heteroskedasticity using stringency	Approved & completed
363	HEC	Dr. Rabia Habib	Biosciences	Islamabad	A study of molecular basis of inherited psoriasis in Pakistani population	Approved & completed
364	HEC	Dr. Muhammad Sadiq	Computer Science	Sahiwal	Numerical Solution of The Boundary Value Problems Arising in Biology	Approved & completed

365	HEC	Dr. Muhammad Naeem	Electrical Engineering	Wah	Multi-criteria optimization for green cooperative cognitive radio networks	Approved & completed
366	HEC	Dr. Ashfaq Ahmad	Electrical Engineering	Wah	Efficient hardware implementation of interpolation filter HEVC standard, targeting low power mobile devices	Approved & completed
367	HEC	Dr. Khurram Mehboob	Physics	Islamabad	Kinetic study of fission products, activation product activity under reactor transients conditions	Approved & completed
368	HEC	Dr. Kifayat ullah	Biosciences	Islamabad	Systematic study of non-edible oil yielding plant species (salyadora persia linn) and its oil analysis for quantitative and qualitative production of biodiesel	Approved & completed
369	HEC	Dr. Uzma Tabassum	Physics	Islamabad	Design, construction and testing of high pressure Xenon detector	Approved & completed
370	HEC	Dr. Abdul Naeem	Electrical Engineering	Wah	Real time implementation of shared memory multiprocessor systems-on-chip (MPSoCs)	Approved & Completed
371	HEC	Dr. Muhammad Saeed/ Dr. Muhammad Anis ur Rehman	Physics	Islamabad	Synthesis and susceptibility measurement of nano particles	Approved & completed
372	HEC	Dr. Muhammad Kamran	computer science	Wah	Stopping the data theft: tracing the guilty agent	Approved & Completed
373	HEC	Dr. Ghazanfar Abbas	Physics	Lahore	Development of nanocomposite materials for solid oxide fuel cell	Approved & Completed
374	HEC	Dr. Irfan Sadiq	Biosciences	Islamabad	Screening of local wheat cultivars to identify water logging tolerant cultivar	Approved & completed
375	HEC	Dr. Shabbir Ahmad	Mathimatics	Wah	On efficient control charts to monitor process parameters using different sampling schemes	Approved & completed
376	HEC	Dr. Muhammad Omar Manzoor/ Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	The study of hydrogenated amorphous carbon (a-C:H) graded layer on complaint substrate by transmission electron microscopy	Approved & Completed
377	HEC	Dr. Fayyaz Ahmad Faize	Humanities	Islamabad	Problem and prospect of undergraduate research in universities-A preliminary phase-I for promoting undergraduate research in the Pakistan	Approved & completed
378	HEC	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Metabolic bases of soil-bota interactions and their biocontrol potential for host plants	Approved & completed
379	HEC	Dr. Shafiq ur Rehman	Mathimatics	Attock	Star globalized multiplicatively pinched-dedekind domain (star GMPD domains)	Approved & completed
380	HEC	Dr. Muhammad Naeem Shahzad	Electrical Engineering	Lahore	To find efficient scheduling algorithms in real-time multiprocessor systems w.r.t overhead and to suggest the techniques to improve existing algorithms in terms of overhead	Approved & completed
381	HEC	Dr. Naveed ur Rehman	Electrical Engineering	Islamabad	Development of Novel Techniques for data fusion using multivariate empirical mode decomposition	Approved & Completed
382	HEC	Dr. Qazi Sami Ullah	Civil Engineering	Wah	Analysis of CFRP anchorage systems for RC joints	Approved & completed
383	HEC	Dr. Muhammad Irfan	Management Sciences	Islamabad	Contaminated drinking water and cost of illness	Approved & completed
384	HEC	Dr. Muhammad Rafiq	Mathimatics	Wah	On the study of energetic balance in continuum mechanics	Approved & Completed
385	HEC	Dr. Sajid Haider	Management Sciences	Vehari	Identifying facilitators and barriers to the implementation of health promoting schools in Pakistan: A survey in Multan District	Approved & completed

386	HEC	Dr. Ayesha Jamil	Physics	Lahore	Wet chemical synthesis and characterization on in as core-shell quantum dots for advanced applications	Approved & completed
387	HEC	Dr Saqib Mumtaz	Biosciences	Islamabad	Identification of microbes from Municipal Sewage and Industrially Polluted Water and their Potential use as Bioindicator	Approved & completed
388	HEC	Dr Syed Sajid Hussain	computer science	Abbottabad	Learning Support in a Context-based Adaptive Collaboration Environment	Approved & completed
389	HEC	Dr. Salman Amin Malik	Mathematics	Islamabad	Direct and inverse problems for time fractional diffusion equations	Approved & completed
390	HEC	Dr Shamyala Nawazish	Environmental Sciences	Abbottabad	Gradient Analysis of Vehicular and Industrial Emissions Along Hattar (haripur) to Manshera City at Express Highway ,KPK,Pakistan	Approved & completed
391	HEC	Dr. Sadia Manzoor	Physics	Islamabad		Approved & completed
392	HEC	Dr. Muhammad Jawad	Biosciences	Islamabad	The role of immune system in obesity associated metabolic diseases	Approved & completed
393	HEC	Dr. Muhammad Shakil Ahmad	Management Sciences	Attock	Community empowerment: Assessment of communitydriven projects under devolution plan	Approved & completed
394	HEC	Dr. Amer Rajput	Management Sciences	Wah	Gain of competitive advantage through supplier development practices	Approved & completed
395	HEC	Dr. Komal Khalid Bhatti	Management Sciences	Wah	Employee retention through delegative participation practices	Approved & completed
396	HEC	Dr. Farah Mustafa/ Dr. Raheel Qamar	Biosciences	Islamabad	Early investigation to the Viral Etiology of Breast Cancer in the Pakistani Population.	Approved & completed
397	HEC	Dr. Abdul Jabbar Shah	Pharmacy	Abbottabad	Pharmacological investigation of Medicinal Plants Available in Hazara Division and Related Northern areas Based on their Medicinal Use in Cardiovascular Disorders"	Approved & completed
398	HEC	Dr. Umar Farooq	Chemistry	Abbottabad	Isolation Structural Elucidation and Biological Activities of Secondary Metabolites from Medicinal Plants Belonging to family Symplocaceae and Euphorbiaceae.	Approved & completed
399	HEC	Dr Waqas Masood	Physics	Islamabad	Nonlinear Coherent Structure Formation In Astrophysical and Space Plasmas"	Approved & completed
400	HEC	Dr. Tariq Mahmood	Chemistry	Abbottabad	Are Radical Cations/Anions are Potential Modulators of Photo-switching Properties; A Theoretical Approach	Approved & completed
401	HEC	Dr. Mazhar Amjad Gillani	Chemical Engineering	Lahore	Development of Novel N heterocyclic carbenes and their silver I complexes as potential anticancer agents	Approved & completed
402	HEC	Dr. Abdul Ghaffar	Meteorology	Islamabad	Pliocene Mammalian Fauna from Siwaliks of Pakistan.	Approved & completed
403	HEC	Dr. Sumaira Farrakh	Biosciences	Islamabad	Biological Control of stripe rust of wheat using endophytic bacteria in pakistan	Approved & completed
404	HEC	Dr. Aqif anwar Ch.	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Development of A continuous Hydrothermal Flow Synthesis Facility: A Versatile Process for Nano Materials Discovery and their Commercial Production	Approved & completed
405	HEC	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Next generation mixed matrix membranes for CO2 separations aimed at energy & environmental issues	Approved & completed

406	HEC	Dr. Habil Shamsul Qamar	Mathimatics	Islamabad	Modeling and Simulation of Nonlinear chromatographic processes in chemical engineering	Approved & Completed
407	HEC	Dr. Habil Shamsul Qamar	Mathimatics	Islamabad	Analytical and numerical investigation of two-phase flow models	Approved & completed
408	HEC	Dr. Fauzia Yousaf Hafeez	Biosciences	Islamabad	Interaction of Surfactin Producing bacillus species with the phytopathogenic toxins	Approved & completed
409	HEC	Dr. Muhammad Aslam Khan (new PI) Dr. Abdul Rashid (old PI)	Physics	Islamabad	Fabrication of Microlenses and nano particles by laser induced forward transfer technique	Approved & completed
410	HEC	Dr. Muhammad Ali	Chemistry	Abbottabad	Targeting NS3-4A Protease: Arational approach for developing New Antivirus against Hepatitis C infection based on Medicinally privileged Heterocyclic scaffolds	Approved & completed
411	HEC	Dr. Robina Farooq	Chemical Engineering	Lahore	The Biological and Decomposition of Dyes Effluent by Rotating Biological Discs Contractor	Approved & completed
412	HEC	Dr. Asad Muhammad Khan	Chemistry	Abbottabad	Surface Functionalization of Porous Silica Particles Using Magnetic & Fluorescent Surfactants	Approved & Completed
413	HEC	Dr. Habil Shamsul Qamar	Mathimatics	Islamabad	Modeling and Simulation of Carrier Transport in Semiconductor Devices"	Approved & completed
414	HEC	Dr. Qaisar Mahmood	Environmental Sciences	Abbottabad	Wastewater Characterization and Integrated Treatment from Hattar Industrial Estate, Hattar, KPK.	Approved & completed
415	HEC	Dr Mazhar Amjad Gilani	Chemical Engineering	Lahore	Development of Novel N-Heterocyclic carenes and their silver (I) complexes as potential anticancer agents	Approved & Completed
416	HEC	Dr. Fauzia yousaf Hafeez	Biosciences	Islamabad	Exploring the Mechanism of Wheat Biofortification Through Zinc Mobilizing Rhizbacteria.	Approved & completed
417	HEC	Dr. Afsar Khan	Chemistry	Abbottabad	Isolation Structural Elucidation and Biological Activity of the Chemical Constituents of the Plants belonging to Family laceae and Apiaceae.	Approved & Completed
418	HEC	Dr. Zahid Hussain	Development Studies	Abbottabad	Iodine in soils, plants and water in relation to health implication in human beings	Approved & completed
419	HEC	Dr. Mahmood Akhtar Kayani	Biosciences	Islamabad	Mutational and expressional analysis of carcinogen detoxifying genes in head and neck cancer patients	Approved & Completed
420	HEC	Dr. Amjad Farid Hasnu	Management Sciences	Abbottabad	An Analysis of the Impact of Civil Conflict on the Local Businesses of Swat Valley"	Approved & completed
421	HEC	Dr. Waheed Akhtar	Management Sciences	Lahore	Principles and Practices Affecting Takeful (Islamic Insurance and Conventional Insurance: A Comparative Study of Pakistan	Approved & completed
422	HEC	Dr. Ishtiaq Jadoon	Environmental Sciences	Abbottabad	Tectonic Map of the Sulaiman Fold Belt, Pakistan; 1:500,000 scale.	Approved & completed
423	HEC	Dr. Mehnaz Qader Haseeb / Dr. Mahnaz Qader Haseeb	Physics	Islamabad	Some Aspects of Generalized Finite Temperature and Densities	Approved & completed
424	HEC	Dr. Khurshid Ayub	Chemistry	Abbottabad	Thermally stable dihydroazulene-vinylheptafulvene photo switches	Approved & Completed
425	HEC	Dr. Tayyaba Yasmin	Biosciences	Islamabad	Exploring the role of germen like proteins for stress tolerance in transgenic pea	Approved & completed

426	HEC	Dr. Zulfiqar Habib	Computer Science	Lahore	Energy Efficient Fair Path Planning for Non-holonomic Mobile Robots	Approved & completed
427	HEC	Dr. Khurshid Ayub	Chemistry	Abbottabad	Computational Design of Cyclophanediene-Dihydropyrene Photoswitches.	Approved & Completed
428	HEC	Dr. Hafiz Zahid Mahmood	Management Sciences	Lahore	Scope of Tunnel Technology Transfer: Adoption, Productivity and Efficiency Analysis in the Province of Punjab	Approved & completed
429	HEC	Dr. Rehana Rashid	Chemistry	Abbottabad	Photochemistry and Isolation of Biologically active Components from Hartmannia Rosea"	Approved & completed
430	HEC	Dr. Muhammad Faraz Arshad Malik	Biosciences	Islamabad	Involvement of Hedgehog Molecules (shh, ihh and dhh) In Breast Cancer Metastasis	Approved & completed
431	HEC	Dr. Syed Habib Bokhari	Biosciences	Islamabad	Grant for Maintenance of Scientific Equipments	Approved & completed
432	HEC	Dr. Moin Uddin Ghauri	Electrical Engineering	Lahore	Production of Synthesis Gas from Biomass in Bubbling Fluidized Bed Gasifier	Approved & completed
433	HEC	Dr. Mahmood Ahmad Bodla	Statistics	Lahore	Effects of abusive supervision on organization development	Approved & completed
434	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Radio-Frequency Plasma As A Sterilization Source	Approved & completed
435	HEC	Dr. Nisar-Ur-Rehman	Pharmacy	Abbottabad	Development of Self-Microemulsifying drug delivery systems of Enhanced bioavailability poorly water soluble drugs	Approved & completed
436	HEC	Dr. Muhammad Aslam Khan	Physics	Islamabad	Some preliminary studies of laser created sparks in oxygen containing Gas mixture	Approved & Completed
437	HEC	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Study of Dynamics of Major Transcripts of Banana Bunchy top Virus Genome by Real Time PCR	Approved & Completed
438	HEC	Dr. Khurshid Ayub	Chemistry	Abbottabad	Photo-switchable frustrated lewis Paris; Potential applicants in Hydrogen storage and catalysis	Approved & completed
439	HEC	Dr. Anila Asif	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Novel Bioactive Composites based on Hyper branched Polymers for dental Applications	Approved & completed
440	HEC	Dr. Manzoor Ikram	Physics	Islamabad	Quantum Computing and Atomic Coherence Effects International Linkage of Pakistani Universities with Foreign universities	Approved & Completed
441	HEC	Dr. Robina Farooq	Chemical Engineering	Abbottabad	Treatment of Mine Drainage by Combination of Ultrasonic Cavitations and Electrochemical Process"	Approved & Completed
442	HEC	Dr. Saqib Gulzar	Management Sciences	Wah	Post Doctoral Fellowship Program	Approved & Completed
443	HEC	Dr. Mahmood Akhtar Kayani	Biosciences	Islamabad	Genetic and Epigenetic Analysis of Rb Pathway Genes in Head and Neck Cancer Patients	Approved & Completed
444	HEC	Dr. Sajad Hussain/Dr. Arshad Saleem Bhatti (New PI)	Physics	Islamabad	Synthesis of Cu based thin films	Approved & completed
445	HEC	Dr. Asim Ali Khan	Electrical Engineering	Lahore	Synthesis and optimization of large antenna array radiation patterns ppcr	Approved & Completed
446	HEC	Dr. Waqar Haider Bokhari	Electrical Engineering	Islamabad	Low cost domestic solar cooker and associated domestic utilities	Approved & Completed
447	HEC	Dr. Mushtaq Ali	Physics	Islamabad	Melanin/nano porous TiO2 hetero-junction solar cells	Approved & Completed

448	HEC	Dr. Muhammad Tahir Masood	Management Sciences	Islamabad	Proximity Access Transport and Mobility are Constitutional Elements of Cities Which Need to be Organized in a Sustainable Manner.	Approved & Completed
449	HEC	Arch. Muhammad Afzal Ebrahim	Architecture	Islamabad	Comparative Thermal Analysis of Adobe and Brick Building in Islamabad.	Approved & Completed
450	HEC	Dr. Muhammad Saeed	Biosciences	Islamabad	Determination of RbI2/P130 Acetylation levels in normal a well as tumor cells	Approved & Completed
451	HEC	Dr. Saleem Ahmed Shah Bokhari	Biosciences	Islamabad	Validating and exploring biochemical basis of efficacy of a Herbal formulation against Hepatitis C Viral infection	Approved & Completed
452	HEC	Dr. Nazar Abbas Shah	Physics	Islamabad	Grant for Maintenance of Scientific Equipments	Approved & Completed
453	HEC	Dr. Asifa Ahmed	Biosciences	Islamabad	"Identification and Molecular Cloning of Pollen Allergens.	Approved & Completed
454	HEC	Dr. Muhammad Anis-ur-Rehman	Physics	Islamabad	"Preparation and Thermo physical Characterization of nano Ferities.	Approved & Completed
455	HEC	Dr. Mohsin Jamil Butt	Meteorology	Islamabad	Climate chage and its impact on sediment transportation surface water availability and natural resources management	Approved & Completed
456	HEC	Dr. Nasro Min Allah	Computer Science	Islamabad	Multimedia computing development of thematic research and educational program	Approved & Completed
457	HEC	Dr. Abdul Ghaffar	Meteorology	Islamabad	"Vertebrate Evolution, Biogeographic Relationships and Pale environments of the Siwaliks of Pakistan.	Approved & Completed
458	HEC	Dr. Mahmood Akhtar Kayani	Biosciences	Islamabad	"Genetic Analysis of KISS-1 and KAI-I Genes.	Approved & Completed
459	HEC	Dr. Syed Habib Bokhari	Biosciences	Islamabad	"Development of an integrated system comprising of engineered bacteria based Biosensors for the detection of Bioavailable Toxic Metals from Environment.	Approved & Completed
460	HEC	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Development of plant DNA Isolation Kit	Approved & Completed
461	HEC	Dr. Fauzia yousaf Hafeez	Biosciences	Islamabad	Use of Plant Growth Promoting Rhizobacteria (PGPR) for the Biological Control of Root Knot of Tomato caused by Meliodogyne spp.	Approved & Completed
462	HEC	Dr. Habil Shamsul Qamar	Mathimatics	Islamabad	Modeling and Simulation of population balances for particulate processes in process engineering	Approved & Completed
463	HEC	Dr. Jamshid Iqbal	Pharmacy	Abbottabad	Grant for Maintenance of Scientific Equipments	Approved & Completed
464	HEC	Dr. Muhammad Maroof Shah	Environmental Sciences	Abbottabad	"Saturation Mapping and the Utility of PH I Gene Region for Wheat Improvement.	Approved & Completed
465	HEC	Dr. Syed Habib Bokhari	Biosciences	Islamabad	"Development of an Integrated Whole-Cell Based Biosensors to Detect Bioavailable Organophosphates from Environment	Approved & Completed
466	HEC	Dr. Abdul Samad Khan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Grant for Maintenance of Scientific Equipments	Approved & Completed
467	HEC	Dr. Muhammad Anis-ur-Rehman	Physics	Islamabad	Grant for Maintenance of Scientific Equipments	Approved & Completed

468	HEC	Dr. Rafiq Ahmad	Environmental Sciences	Abbottabad	Identification of genes involved in phytoremediation from different hyper accumulators plants and recombinant protein expression, purification, and functional analysis of proteinase inhibitors from medicinal plants	Approved & Completed
469	HEC	Dr. Sadia Naseem	Biosciences	Islamabad	Biological and molecular characterization of viruses infecting papaya (carica papaya L) in Pakistan	Approved & Completed
470	HEC	Dr Lubna Sherin	Chemical Engineering	Lahore	Design and Synthesis of natural Polyphenol Derivatives As Potential Anticancer Agents	Approved & Completed
471	HEC	Dr. Muhammad Saif ur Rehman	Chemical Engineering	Lahore	Simultaneous biodiesel production and textile wastewater treatment using microalgal advance doxidation proces system	Approved & Completed
472	HEC	Dr. Asma Zaidi	Chemistry	Abbottabad	Synthesis and Antibacterial Efficiency of Heterocyclic Substituted Quinolone Carboxylic Acids	Approved & Completed
473	HEC	Dr .Sajjad Ali Haider	Electrical Engineering	Wah	Adaptive Estimation and prediction of distrubance and its use in Model predictive control	Approved & COmpleted
474	HEC	Dr. Talha Akram	Electrical Engineering	Wah	Detection of Unauthorized Movement in Vedio, Utilizing Saliency Concepts	Approved & COmpleted
475	HEC	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	High-resolution mapping for Yellow and Black rust resistence genes in Pakistani Wheat Germplasm	Approved & Completed
476	HEC	Dr. Humaira Yasmin	Biosciences	Islamabad	Quantification of phytohormone levels Presents in Vegetables growing in current agricultural Practices	Approved & Completed
477	HEC	Dr Asghar Shabbir	Biosciences	Islamabad	Genetic bases of Alzheimer's Disease in Pakistani Population	Approved & Completed
478	HEC	Dr. Zahra Jabeen	Biosciences	Islamabad	Nitric Oxide Induced Alleviation of Combined Toxic Effects of NACI and CD Stress In Syobean	Approved & Completed
479	HEC	Dr. Mian Hasnain Nawaz	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Sonication induced self-assembly of polymeric porphyrin-fullerene adducts and their drug delivery assessment	Approved & Completed
480	HEC	Dr. Safyan Mukhtar	Mathimatics	Wah	Numerical Solutions of population balance models for Particulate Process	Approved & completed
481	HEC	Dr Muhammad Noor UL Amin	Statistics	Lahore	Estimation of population mean for Robust Regression	Approved & Completed
482	HEC	Dr. Fawad Zaman	Electrical Engineering	Attock	Designing Efficient Algorithms for parameters Estimation of Signals Impinging on faulty antenna Array	Approved & Completed
483	HEC	Dr Saad Ihsan	Mathimatics	Lahore	New integral Inequalities and Their Renfinements	Approved & Completed
484	HEC	Dr Atta Ur Rehman	Electrical Engineering	Attock	Design model and Fabrication of RF Sensor Node for Localization and Tracking of Passive Targets	Approved & Completed
485	HEC	Dr. Akhtar Hayat	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Economical Acetone Filter Paper Based Sensor For Non Invasive Diagnosis of Diabetes	Approved & Completed
486	HEC	Dr. Aamira Tariq	Biosciences	Islamabad	Designing of a novel filter for efficient fluoride and arsenic removal from contaminated ground water in Pakistan	Approved & Completed

487	HEC	Dr Muhammad Azeem/ Dr. Zafar Iqbal (New PI)	Chemistry	Abbottabad	Isolation and Identification of insect Repelling Compound from Indigenous Plants	Approved & Completed
488	HEC	Dr. Muhammad Nasir	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Preparation and Characterization of an effective photocatalyst for the efficient killing of the cancer cells	Approved & Completed
489	HEC	Dr. Muhammad Asif	Physics	Lahore	Study of MHD Equilibria in Fusion Plasmas	Approved & Completed
490	HEC	Dr. Seeme Mallick/ Dr. Iftikhar ul Husnain new PI	Centre for Climate Research and Development (CCRD)	Islamabad	Financial Planning for Energy Security in Pakistan: The Way Forward for Renewable Energy	Approved & Completed
491	HEC	Dr. Shehla Anjad	Development Studies	Abbottabad	Investigating Feasibility of E-Learning programs in Business sector of Pakistan	Approved & Completed
492	HEC	Dr. Muhammad Imran	Environmental Sciences	Vehari	Column scale experimental study on thermohaline convection in saturated porous media	Approved & Completed
493	HEC	Mr. Farhad Ali	Library	Wah	Lab strengthening and up gradation of library, CIIT Wah	Approved & Completed
494	HEC	Dr. Nazish Bostan	Biosciences	Islamabad	Development of Serology Based Diagnostic tool for the detection of Foot and Mouth Disease Virus	Approved & Completed
495	HEC	Dr. Rafi Amir-ud-din	Management Sciences	Lahore	Educational apartheid in Pakistan: Economic and Social Consequences	Approved & Completed
496	HEC	Dr Muhammad Mubeen	Environmental Sciences	Vehari	Efficient Irrigation Techniques for Improving Water Use Efficiency of Wheat Maize Cropping System in Arid Region Using DSSAT Model	Approved & completed
497	HEC	Dr Naseer Ali Shah	Biosciences	Islamabad	Phytochemical and Bioactivity Evaluation of Allium Jacquemontii Kunth	Approved & Completed
498	HEC	Dr. Behzad Murtaza	Environmental Sciences	Vehari	Evaluation of Heavy Metal-Induced Phytotoxicity and Related Enzyme Activities in Wheat	Approved & Completed
499	HEC	Dr. Osman Khalid	Computer Science	Abbottabad	Establishment of a Low Cost Cyber Physical Systems Facility for Research Design And Development of Tools for Infrastructure Improvement in Pakistan	Approved & Completed
500	HEC	Dr. Fazal Badshah ,	Physics	Islamabad	To Examine the Effects of Kerr medium and External Coherent driving field on The Behavior of Phase Time of Ultra Cold Atoms Passing Through a Mazer Cavity	Approved & Completed
501	HEC	Dr. Yasir Bashir	Mathimatics	Wah	On the Study of Fault Tolerant Design in Various Lattice Networks and Lattice Structures	Approved & completed
502	HEC	Dr. Mohammad Kaleem	Electrical Engineering	Islamabad	Integration of Active Passive Components on Photonic Chip by Bandgap Engineering of Laser Microstructure"	Approved & Completed
503	HEC	Dr. Sajida Batool	Biosciences	Islamabad	Plasma derived methylated SEPT9 as non invasive screening method in colorectal cancer (CRC) patients	Approved & Completed
504	HEC	Dr. Farha Masood	Biosciences	Islamabad	Characterization and application of an intelligent delivery system for targeted cancer therapy	Approved & Completed
505	HEC	Dr. Usman Irshad	Environmental Sciences	Abbottabad	Utilization of Complex Network of Microbial Interaction for Mobilisation of Soil Phosphorus Inaccessible for Plant Growth	Approved & Completed
506	HEC	Dr. Zertashia Akram	Biosciences	Islamabad	Arsenic Induced Toxicity and Its Contribution To Carcinogenesis	Approved & Completed

507	HEC	Dr. Muhammad Anis-ur-Rehman	Physics	Islamabad	Synthesis of Nanocrystalline Thermoelectric Compound For Renewable Energy Applications	Approved & Completed
508	HEC	Dr. Zulfiqar Ali	Chemical Engineering	Lahore	The Use of Layered Double Hydroxides as Potential Nanofiller in Polymeric Materials to Engineer Mechanical and Thermal Properties	Approved & Completed
509	HEC	Dr. Mahmood Akhtar Kayani	Biosciences	Islamabad	Functional, Genetic and Epigenetic Characterization of Base Excision Repair Pathway Genes in Thyroid Cancer	Approved & Completed
510	HEC	Dr. Faiza Sharif	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Biosynthesized Skin Replacement For Improved Wound Healing	Approved & Completed
511	HEC	Dr. Saadia Naseem	Biosciences	Islamabad	The Occurrence and Distribution of Papaya ringspot disease in Pakistan and Its Management Strategy	Approved & Completed
512	HEC	Dr. Saleem Ahmed Shah Bokhari	Biosciences	Islamabad	Extracellular Production of Recombinant Urokinase and its lab scale Optimization by fed-batch Fermentation for Subsequent Commercial Production	Approved & Completed
513	HEC	Dr. Raheel Qamar/ Dr. Maleeha Azam (nominated new PI)	Biosciences	Islamabad	Development of Therapeutic Trails for the Treatment of Inherited Retinal Dystrophies	Approved & Completed
514	HEC	Dr. Neelam Akram	Biosciences	Islamabad	Sampling, isolation and characterization of proteorhodospin containing bacterial strains from competitive aquatic environments	Approved & Completed
515	HEC	Dr. Alamdar Hussain/ Dr. Aamira Tariq (New PI)	Biosciences	Islamabad	Human/ humanized antibody cloning	Approved & Completed
516	HEC	Dr. Abdul Rauf Siddiqi	Biosciences	Islamabad	Structural Studies of Nitric Oxide Signaling: A Computational Approach for Discovering Cure of Cardiovascular Disorders	Approved & Completed
517	HEC	Dr. Muhammad Sohail	Pharmacy	Abbottabad	Development of Gastroprotective Drug Delivery System using Synthesized copolymeric nanocomplexes Characterization and Biological Evaluation	Approved & Completed
518	HEC	Dr. Abdullah Bilal Ahmed	Biosciences	Islamabad	Alu Repeats Cause or Consequence of Cancer	Approved & completed
519	HEC	Dr. Shahid Masood Shah	Environmental Sciences	Abbottabad	In Vitro Propagation and Somaclonal Variation in Medicinally Important Arisaema SPP	Approved & Completed
520	HEC	Dr. Pasha Ghazal	Biosciences	Islamabad	Evaluation of NPS and NPY activities and their genetic variations in Obese Pakistani Individuals	Approved & Completed
521	HEC	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Phytoremediation of Cd by salt tolerant tree species metal uptake in relation to salinity	Approved & Completed
522	HEC	Dr. Zahoor Ur Rehman	Computer Science	Attock	Data mining system to mobilize public for nation building	Approved & Completed
523	HEC	Dr. Mubarak Ali Khan / Dr. Muhammad Maroof Shah	Environmental Sciences	Abbottabad	Effect of light Regimes on growth parameters biochemical markers and silymarin content during micropropagation of silybum marianum L	Approved & Completed
524	HEC	Dr. Amna Mir	Physics	Lahore	Compact wideband planar antenna for navigation satellite system	Approved & Completed
525	HEC	Dr. Noor Samad Shah	Environmental Sciences	Vehari	Development of low cost efficient hydroxyl radical based advanced oxidation technology for the removal of arsenic from water district Vehari	Approved & Completed

526	HEC	Dr. Farhan Haq	Biosciences	Islamabad	Identification of gene signature and their relevance with clinicopathological outcome in breast cancer patients from Pakistan	Approved & completed
527	HEC	Dr. Malik Nadeem Akhtar	Biosciences	Islamabad	Identification of genes with conserved Cis-acting Polyadenylation elements across various eukaryotic Species	Approved & completed
528	HEC	Dr. Arshan Nasir	Biosciences	Islamabad	A Case Study of Humans and their Microbiomes	Approved & Completed
529	HEC	Dr. Ayesha Tahir	Biosciences	Islamabad	Study of Impact of Various factors, Influencing Nutritional Value of cultivated wheat Varieties of Pakistan	Approved & Completed
530	HEC	Dr. Sabir Hussain	Biosciences	Islamabad	Association Analysis Between Arginase I Gene Polymorphisms and CAD from Pakistani Families	Approved & Completed
531	HEC	Dr. Abdul Rehman Khan	Environmental Sciences	Abbottabad	Epigenetic Regulation of Cell Wall Related Genes Under Salt Stress in Maize	Approved & Completed
532	HEC	Dr. Fazal Ghafoor	Centre for Quantum Physics	Islamabad	Superluminality in the Regions of anomalous dispersion	Approved & completed
533	HEC	Dr. Safia Zahid	Centre for Climate Research and Development (CCRD)	Islamabad	Synthesis and modification of different adsorbents for environmental remediation	Approved & Completed
534	HEC	Dr. Ghulam Mustafa Shah	Environmental Sciences	Vehari	Mineralization and maize crop recovery of nitrogen from animal manures when applied to soil alone and / or in combinatin with inorganic fertilizers	Approved & Completed
535	HEC	Dr Muhammad Umair Hassan/ Dr. Arshad Saleem Bhatti	Physics	Islamabad	Fabrication and characterization of solid state and ionic liquid gated MoS2 based transistor. A study of field induced charge modulation of physical properties	Approved & Completed
536	HEC	Dr Muhammad Nadeem Hassan	Biosciences	Islamabad	Screening of Antibiotic Producing Rhizobacteria from different Cropping Systems of Pakistan To Develop An Effective Biopesticide	Approved & completed
537	HEC	Dr.Furkh Zeshan , Furrukh Zeeshan	computer science	Lahore	Service Composition Framework for Self Organizing Ubiquitous Systems	Approved & Completed
538	HEC	Dr. Nazia Bibi	Biosciences	Islamabad	Genetic profiling of retinoblastoma in Pakistani population	Approved & Completed
539	HEC	Dr. Muhammad Jadoon Khan/ Dr. Alamdar Hussain (Co-PI)/ Dr. Syed Ali Mustajab Akber Shah (New PI)	Biosciences	Islamabad	sub cellular localization FRET based ATP sensors and signal optimization	Approved & Completed
540	HEC	Dr. Saima Nawaz	Management Sciences	Islamabad	Regional integration and trade nexus in South Asia: Does institutional framework matter	Approved & Completed
541	HEC	Dr Muhammad Hannan Younis	Physics	Islamabad	Study of the Effects of 12C Targets in the Interaction With Intense Antiporiton and Ion Beams	Approved & Completed
542	HEC	Dr. Muhammad Rashad Javeed	Environmental Sciences	Vehari	Integrated Agronomic Techniques to Improve the Performance of Spring maize Cultivars to Changing Climate in Vehari	Approved & Completed

543	HEC	Dr. Ahsen Maqsoom	Civil Engineering	Wah	Internationalization of Service: A Comparison between Developed and Developing Economy construction Contracting Firms	Approved & Completed
544	HEC	Dr. Abdur Rahim	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	SiO ₂ /c/m-Phthalocyanine Conducting Ceramic Material A New substrate to Prepare Electrochemical Sensors and Biosensors	Approved & Completed
545	HEC	Dr. Muhammad Fraz Bashir/ Muhammad Faraz Bashir	Physics	Lahore	Stabilization of drift waves in permeating plasmas	Approved & Completed
546	HEC	Dr. Asghari Gul	Physics	Islamabad	Laser induced polymerization of acrylates: Synthesis, Characterization and Property exploration	Approved & Completed
547	HEC	Dr. Shahzad Saleem	Biosciences	Sahiwal	Biochemical Composition and Anti-Enzymatic activity of Essential oils from indigenous Medicinal Plants	Approved & Completed
548	HEC	Dr. Ayesha Sohail	Mathimatics	Lahore	Mathematical Modeling of Effective Diffusivity for Bone Tissue Engineering	Approved & Completed
549	HEC	Dr. Muhammad Jadoon Khan / Syed Tahir Abbas Shah (CO-PI)	Biosciences	Islamabad	Effect of Plamitic Acid on Mitochondrial physiology in endothelial Cells	Approved & Completed
550	HEC	Dr. Main Hasnain Nawaz	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Electrospun Nanofibers Modified Carbon Electrode for Glucose Detection: A USB Doctor	Approved & Completed
551	HEC	Dr. Farasat Iqbal	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Development of Electrochemical Deposition Process for Novel Bioactive Composite Coating on Metallic Bone Implants	Approved & Completed
552	HEC	Dr. Syed Tahir Abbas Shah	Biosciences	Islamabad	Regulation of sperm capacitation inpreparation for the acrosomal exocytosis	Approved & Completed
553	HEC	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Efficient Quantum Dot Solar Cells by Making Semiconductor Nanoparticle Conjugates	Approved & Completed
554	HEC	Dr. Muhammad Jibran Qamar	Management Sciences	Lahore	The Role of Participatory Programs in Disaster Risk Reduction	Approved & Completed
555	HEC	Dr. Kashif Ali	Mathimatics	Lahore	On H-Supermagic Covering Of Different Families of Graph	Approved & Completed
556	HEC	Dr. Sikandar Rafiq	Chemical Engineering	Lahore	Membranes Technology for Efficient CO ₂ / HO ₂ Natural Gas Purification	Approved & Completed
557	HEC	Dr. Taous Khan	Pharmacy	Abbottabad	Cellular and Molecular Studies on Hedera nepalensis , Nigella Sativa, Azadirachta indica, Centela Asiatica, Lavandula Stoechas, Spharanthus Indicus and Carissa Opaca for the Treatment of Breast Cancer	Approved & Completed
558	HEC	Dr. Munir Ahmed	Management Sciences	Vehari	Risk Factors and Recovery Analysis of Tuberculosis Patients in Southren Punjab	Approved & Completed
559	HEC	Dr. Muhammad Shahzad	Environmental Sciences	Abbottabad	Reclamation of Land of small land Holders and Mitigating The Regional Climatic Impacts Through an Integrated Agronomic Approach to Combat Salinity Menace	Approved & Completed

560	HEC	Dr. Irum Shahzadi	Environmental Sciences	Abbottabad	Isolation and characterization of flavonoids with their antioxidant potential for drug discovery from selected medicinal plants of Pakistan	Approved & Completed
561	HEC	Dr. Abida Kalsoom Khan	Chemistry	Abbottabad	Study of Industrial Application of Polymer Supported Nano Composites	Approved & Completed
562	HEC	Dr. Sarfraz Ahmad	Mathimatics	Lahore	Properties of Ranking Ideals	Approved & Completed
563	HEC	Dr. Samina Nawab	Management Sciences	Wah	Industry Academic & Government Linkages "Creating and Making it Work"	Approved & Completed
564	HEC	Dr. Muhammad Nawshad	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Fabrication of Endodontic Posts by Incorporating Lonic Liquid Pretreated Cellulose-Nanocomposite Materials	Approved & Completed
565	HEC	Dr. Aneela Maalik	Chemistry	Islamabad	Design and Synthesis of Noval Antimicrobial Agents Based on Indenofluorene Dione Derivatives	Approved & Completed
566	HEC	Dr. Jamshaid Hussain	Environmental Sciences	Abbottabad	Genetic Engineering of Lycopersicum esculentum for Enhanced sait Tolrance through Cell Signaling Molecules involved in Multiple Aspects of Salt Tolrance"	Approved & Completed
567	HEC	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	P-solubilizing Microbial Consortia from Himalayas and their Potential for Bioethanol Production	Approved & COMPLETED
568	HEC	Dr. Muhammad Inam Afzal	Biosciences	Islamabad	Isolation and characterization of of lactic acid bacteria with inhibitory activity against spoilage and pathogenic microorganisms associated with dairy and meat products in Pakistan	Approved & Completed
569	HEC	Dr. Wajiha Khan	Environmental Sciences	Abbottabad	Characterization of pseudomonas aeruginosa biofilm isolated from animate and inanimate hospital environment	Approved & Completed
570	HEC	Dr Waqas Khalid	Physics	Islamabad	Fabrication and Functionalization of Nanochannels for Sensing	Approved & Completed
571	HEC	Dr. Muhammad Irshad/ Dr. Faridullah New PI	Environmental Sciences	Abbottabad	Recycling of Co-Composted livestock manures to ameliorate heavy metals pollution in soils	Approved & Completed
572	HEC	Dr. Muhammad Jamil	Physics	Lahore	Study of Electrostatic Modes In SemiConductor Plasmas	Approved & Completed
573	HEC	Dr.Muhammad Shahid	Environmental Sciences	Vehari	Influence of Wastewater irrigation on soil, vegetables and human health in district vehari	Approved & completed
574	HEC	Dr. Sajid Qamar	Physics	Islamabad	Study of Goos-Hanchen shift behavior using intera-cavity atomic media	Approved & completed
575	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Biochemical and immunochemical prospects of modified wheat gluten in relation to gluten sensitive enteropathy	Approved & completed
576	HEC	Dr. Syeda Tamkeen Fatima	Management Sciences	Wah	Globalization and Technology Diffusion in Developing Economies	Approved & completed
577	HEC	Dr. Muhammad Rashid	Physics	Islamabad	Ab-initio study for prophecy of Half-metallic Ferromagnetism of Half and Full Heusleralloys	Approved & completed
578	HEC	Dr. Muhammad Abrar	Physics	Islamabad	Diagnostics of atmospheric pressure plasma: A dimension towards the Clean technology of processing of bio-Medical Materials	Approved & completed

579	HEC	Dr. Mudassar Rashid	Management Sciences	Islamabad	Performance of Automated Model Selection Procedures in Presence of Autocorrelation and heteroskedasticity	Approved & completed
580	HEC	Dr. Mukhtar Ahmad	Physics	Lahore	Structural and magnetic parameter of hexagonal ferrites for high frequency applications	Approved & completed
581	HEC	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	Biphasic dose response induced by chemicals and their potential molecular mechanisms by human cells	Approved & completed
582	HEC	Dr. Saeed Anwar	Humanities	Islamabad	An evaluation of teaching practicum in B. Ed. Hons/ADE	approved & completed
583	HEC	Dr. Faheem Shah	Chemistry	Abbottabad	Development of microextraction procedure for the preconcentration of heavy metals	Approved & completed
584	HEC	Dr. Murtaza Sayed/ Dr. Asad new PI	Chemistry	Abbottabad	Photocatalytic oxidation of some antibiotics in aqueous media	Approved & completed
585	HEC	Dr. Ume Salma Amjad	Chemical Engineering	Lahore	Hydrogen rich gas generation from waste plastic	Approved & completed
586	HEC	Dr. Fozia Rehman	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Synthesis and characterization of mesoporous silica based prolonged/controlled delivery systems of antibiotic drugs	Approved & completed
587	HEC	Dr. Muhammad Ajmal Khan	Physics	Lahore	Electrochemical characterization of nanocomposite materials for energy devices	Approved & completed
588	HEC	Dr. Zahid Muneer	Biosciences	Islamabad	Expression analysis of selected genes of lipid metabolism in bladder cancer	Approved & completed
589	HEC	Dr. Sidra Rehman	Environmental Sciences	Abbottabad	Molecular and mechanistic studies of selected medicinal plants for the treatment of hepatitis C virus by inhibiting core gene expression of genotype 3A	Approved & completed
590	HEC	Dr. Shams Ali Baig Old PI, Dr. Qaiser Mehmood New PI	Environmental Sciences	Abbottabad	Physicochemical characterization of iron pipes corrosion by-products I decades old drinking water supply distribution system (DWDSs) in selected areas of KPK, Pakistan	Approved & completed
591	HEC	Dr. Rafaqat Ali Khan / Rafaqat	Management Sciences	Vehari	Impact of recognition on the performance of academicians: Mediating role of gender and qualification	Approved & completed
592	HEC	Dr. Hazrat Ali	Computer Science	Abbottabad	Urdu hand written characters corpus development and automatic recognition framework with deep belief networks	Approved & completed
593	HEC	Dr. Tahir Mahmood	Civil Engineering	Wah	Experimental and analytical seismic assessment of RC column and RC walls	Approved & completed
594	HEC	Dr. Humaira Shaheen	Biosciences	Islamabad	Investigation of chemical constituents of berberis lycium for anti-cancerous properties	Approved & completed
595	HEC	Dr. Akhtar Hayat	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Cooperative partnership to design early warning and portable bioassays for biomedical applications	Approved & completed
596	HEC	Dr. Fazeelat Karamat	Biosciences	Islamabad	Evaluation of antifungal potential of some fabaceae and apiaceae plants against mycotoxin producing fungi	approved & completed
597	HEC	Dr. Saif ul Islam	Computer Science	Islamabad	Energy management in wireless body area networks	approved & completed
598	HEC	Dr. Dilshad Ahmad	Management Sciences	Vehari	Impact of sugar industry in cotton producing areas of southern Punjab: Evidence of core cotton Zone of Punjab Pakistan	approved & completed

599	HEC	Dr. Muhammad Ayub	Management Sciences	Attock	Psycholinguistic analysis of the english curriculum taught to the special students	approved & completed
600	HEC	Dr. Muhammad Amjad	Environmental Sciences	Vehari	Nutritional and physiological implications of combined salt (NaCl) and Ni toxicity in tomato (Solanum Lycopersicon L	Approved & completed
601	HEC	Dr. Hamid Ali	Biosciences	Islamabad	Evaluation of phytochemical and abnti-ulcerogenic activity of dodonea visosa	Approved & completed
602	HEC	Dr. Kaleem Imdad	Biosciences	Islamabad	Antimicrobial susceptibility pattern of staphylococcus aureus strains in Islamabad	approved & completed
603	HEC	Dr. Naveed Ahmad	Environmental Sciences	Vehari	Arsenic induced development and cytotoxic effects in chick (callus gallus) embryo and preventive role of vitamin E	Approved & completed
604	HEC	Dr. Khurram Shafi/ Khuram Shafi	Management Sciences	Wah	Impact of political globalization instability on financial market	Approved & completed
605	HEC	Dr. Muhammad Tahir	Environmental Sciences	Vehari	Bioremediation of heavy metals present in sewage water, industrial effluents and agricultural soil of Vehari district	Approved & completed
606	HEC	Dr. Muhammad Aamir Khan	Management Sciences	Islamabad	A household level analysis of Pakistan-China free trade agreement and Pakistan China economic corridor A CGE approach	Approved & completed
607	HEC	Dr. Muhammad Bilal Ashraf	Mathimatics	Wah	Applications of boundary layer flows in industries	Approved & completed
608	HEC	Dr. Nazneen Bangash	Biosciences	Islamabad	Remeiation potential of vetiver grass and rye grass to degrade plybrominated diphenyl ethers in industrial contaminated soils of Rawalpindi and Islamabad	Approved & completed
609	HEC	Dr. Aamir Sanaullah	Statistics	Lahore	Development of uni-variate and multivariate estimators in the presence on Non-response in two-stage sampling with application	Approved & completed
610	HEC	Dr. Talat Afza CIIT Lhr	Management Sciences	Lahore	Women Entrepreneurship: The Tool for Sustainable development of Remote Areas. NRPU	Approved & completed
611	HEC	Dr. Muhammad Jamil Aslam,, Lecturer,D/o Physics, CIIT Islamabad	Physics	Islamabad	Non-Leptonic Mesonic and Baynoic Decays. POCR	Approved & completed
612	HEC	Dr. Romana Aziz, CIIT, IBD	Computer Science	Islamabad	Risk Assesment and Decision Analysis using Casual Modeling POCR.	Approved & completed
613	HEC	Mr. Umair Manzoor, Dr. Arshad Saleem, Physics, CIIT Ibd	Physics	Islamabad	Syntheses of Ba Fe12 O19 Powder by solid-state Reaction and its magnetic Properties. NRPU	approved & completed
614	HEC	Dr. M.Anis-ur Rehman, Associate Prof. D/O, Physics, CIIT, IBD	Physics	Islamabad	Preparation and Thermophysical Characterization of nano Ferrities. NRPU	Approved & Completed
615	HEC	Dr. Asrar Muhammad Khan.	Biosciences	Islamabad	Development of Tissue Culture protocols and Methodology for micropropagation of Tea Plant. (CAMILLEASINENSES): through Training Utilizing the Manpower of Post Graduate Students. UITSP	Approved & completed

616	HEC	Dr. Jamshed Iqbal, Associate Prof. CIIT ABT	Chemistry	Abbottabad	Cloning And Seppression fo Human Enzymes Escherica Coli, and Development of High throughput Capillary Electrophoresis and Microchip based Nano Scale test system for Anlysis of Inhibitors. NRPV	Approved & Completed
617	HEC	Dr. Habil Shamsul Qamar	Mathimatics	Islamabad	Analytical an Numerical Investigation of Two Phase flow Models.	Approved & completed
618	HEC	Dr. Aliya Ibrar	Chemistry	Abbottabad	Investigation of oxadiazol, mannich bases derivatives as anti-depressant agents, their synthesis, characterization augmented by molecular modelling studies	Approved & Completed
619	HEC	Dr. Tahir Mushtaq	Computer Science	Vehari	Waveguide based realtime speech generation	Approved & Completed
620	HEC	Dr. Mubeen Ghafoor	Computer Science	Islamabad	Target pursuit aerial robot	Approved & Completed
621	HEC	Dr. Shahzad Hussain	Physics	Islamabad	Study of structural, electronic, optical and multiferroic properties of BiFeo3 based systems	Approved & Completed
622	HEC	Dr. Yasar Sajjad	Environmental Sciences	Abbottabad	Enhancing propagation strategy for selected indoor environment cleaning plants	Approved & Completed
623	HEC	Dr. Muhammad Asif Naeem	Environmental Sciences	Vehari	Remediation of cadmium contaminated soils with activated biochar	Approved & Completed
624	HEC	Dr. Faiza Nawaz	Electrical Engineering	Attock	Extending the vision of internet of thing (LoT) to include passive identification and sensing	Approved & Completed
625	HEC	Dr. Asma Amjad	Biosciences	Islamabad	Expression of calcium activated chloride channels in normaland cancerous tissues	Approved & Completed
626	HEC	Dr. Sohail Ahmad	Humanities	Islamabad	Protracted displacement from FATA & its impact on deucation of children and adults	Approved & Completed
627	HEC	Dr. Shahzad Munir	Mathimatics	Islamabad	Numerical investigation of particle-laden flow in IC-Egnine	Approved & Completed
628	HEC	Dr. Takasar Hussain	Mathimatics	Attock	Zero group velocit longitudinal modes in an isotropic cylinder	Approved & Completed
629	HEC	Dr. Haji Akbar	Biosciences	Islamabad	Investigation the expression regulation of fibroblast grwoth factors and associated genes in patients with pathogenic hepatitis	Approved & Completed
630	HEC	Dr. Shabbar Abbas	Biosciences	Islamabad	Curcumin-loaded nanocapsules suspensions: assessment of their antioxidant potential and curcumin bioavailability in vivo	Approved & Completed
631	HEC	Dr. Fariha Khan	Biosciences	Islamabad	Functional metagenomies approach to characterize antibiotic resistan ce proteins in soil microbiomes	Approved & Completed
632	HEC	Dr. Raja Irfan Sabir	Management Sciences	Sahiwal	DOes media promote divorce intentions? Evaluating the role of feminism and higher education instituites in cultural sustainability of Punjab	Approved & Completed
633	HEC	Dr. Liaqat Ali Shah	Management Sciences	Islamabad	Development of multi-criteria decision method for evaluating the proposed and possible routes of China Pakistan economics corridor	Approved & Completed
634	HEC	Dr. Muhammad Uzair	Electrical Engineering	Wah	Plant stress detection using hyperspectral imaging	Approved & Completed
635	HEC	Dr. Amer Rajput	Management Sciences	Wah	Adoption of cloud based E-government systems: LRMIS for social development	Approved & Completed

636	HEC	Dr. Ikram shah	Development Studies	Abbottabad	Students career decision making: examin factors that influence career choices at higher secondary level in KPK Pakistan	Approved & Completed
637	HEC	Dr. Saad Liaqat	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Development of novel dental composite restorative material	Approved & Completed
638	HEC	Dr. Arsalan Ahmed	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Site-specific degradable stealthy nanoparticles for cancer treatment	Approved & Completed
639	HEC	Dr. Saif ullah	Chemistry	Abbottabad	Identification and characterization of regulatory T cell stimulatory molecules for their immune therapeutic applications	Approved & Completed
640	HEC	Dr. Asim Yaqub	Environmental Sciences	Abbottabad	Synthesis, characterization and biological studies fo metal complexes derived from N-Hydroxybenzamidine	Approved & Completed
641	HEC	Dr. Hamad Khalid / Hammad Khalid	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Titania based silk fibroin abd collagen sheets for skin regeneration	Approved & Completed
642	HEC	Dr. Mansoor Shaukat Khan	Mathimatics	Islamabad	Survey based mathematical modeling and method for the computationof statisfaction index of universities in Islamabad	Approved & Completed
643	HEC	Dr. Nazeer Muhammad	Mathimatics	Wah	Reversible integer wavelet transform for blind image hiding method	Approved & Completed
644	HEC	Dr. Riffat Jabeen	Statistics	Lahore	Development of calibration estimations for estimating population mean of sensitive variable with application	Approved & Completed
645	HEC	Dr. Inayat Kalim	Humanities	Islamabad	Identifying vulnerabilities and security threats for Pakistan in the import of electricity from central Asia: turning challenges into opportunities	Approved & Completed
646	HEC	Dr. Hafeez Anwar	Electrical Engineering	Attock	Design and development of image based classification framework for kushan dynasty coins preserved in Pakitan museums	Approved & Completed
647	HEC	Dr. Hasan Ali Khattak	Computer Science	Islamabad	Smart web of things: healthcare monitoring in future smart cities	Approved & Completed
648	HEC	Dr. Ajmal Khan	Electrical Engineering	Attock	Priority based emergency vehicle management system fo rurban vehicular ad hoc network	Approved & Completed
649	HEC	Dr. Shumaila Rani / Shamaila Rani	Mathimatics	Lahore	Cosmological analysis of extended teleparallel gravity with higher-dervative torsional terms	Approved & Completed
650	HEC	Dr. Muhammad Numan / Nauman/ Nouman	Mathimatics	Attock	Face labeling of graph embedded on the surface of klein bottle or sphere	Approved & Completed
651	HEC	Dr. Tehmina Khawaja	Humanities	Islamabad	An exploratory study of academic leadership at select universities in Islamabad	Approved & Completed
652	HEC	Dr. Muhammad Imran	Computer Science	Islamabad	Linked open data solution for exposing research collaboration among university researchers	Approved & Completed
653	HEC	Dr. Junaid Ali	Physics	Islamabad	Femtosecond laser annealing, structuring and patterning	Approved & Completed
654	HEC	Dr. Huma Ajab	Chemistry	Abbottabad	Development of chemical sensor for heavy metal evaluation in aqueous media	Approved & Completed

655	HEC	Dr. Zeeshan Kaleem	Electrical Engineering	Wah	Neighbors interference situation-aware power control scheme for dense 5G mobile communication system	Approved & Completed
656	HEC	Dr. Mustansara Yaqub	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Polyoxometalate based electrochemical sensor for the detection of neurotransmitters	Approved & Completed
657	HEC	Dr. Abdur Rauf	Chemistry	Abbottabad	Synthesis electrochemical and spectroscopic characterization of selected organometallic compounds	Approved & Completed
658	HEC	Dr. Orangzab	Management Sciences	Vehari	Influential factors of brand extension among university students of Southern Punjab Pakistan	Approved & Completed
659	HEC	Dr. Sulma Rashid	Computer Science	Wah	Buffer management policies for DTN routing protocol under resource scarce environment	Approved & Completed
660	HEC	Dr. Muhammad Asim Yasin	Management Sciences	Vehari	Health cost of women cotton pickers in better cotton versus conventional cotton production in Southern Punjab	Approved & Completed
661	HEC	Dr. Sher Zaman Safi	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Role of chitosan and heparin in VEGF and VEGFR mediated angiogenesis in human umbilical vein	Approved & Completed
662	HEC	Dr. Jamal Hussain Shah	Computer Science	Wah	Automated human behavior analysis from distributed non-overlapping camera network	Approved & Completed
663	HEC	Dr. Muhammad Awais	Mathematics	Attock	Consequence of radially varying magnetic field and carbon nanotubes with ciliated walls on fluid	Approved & Completed
664	HEC	Dr. Sabir Ali Shehzad	Mathematics	Sahiwal	MATHEMATICAL MODELS OF RENEWABLE ENERGY THROUGH THERMALLY RADIATIVE FLOWS OF NANOFLOIDS	Approved & Completed
665	HEC	Dr. Najma Abdul Rehman	Mathematics	Sahiwal	Harmonic Maps and Biharmonic Maps between Riemannian Manifolds	Approved & Completed
666	HEC	Dr. Afsar Khan	Chemistry	Abbottabad	Phytochemical investigation of the plants belonging to the genera Convolvulus and Stellaria	Approved & Completed
667	HEC	SOHAIL ANJUM SHAHZAD	CHEMISTRY	Abbottabad	Design, Syntheses, Development of Next Generation Low Cost Angiogenesis Inhibitors and Potential Anticancer Agents	Approved & Completed
668	HEC	Dr. Umer Rashid	Chemistry	Abbottabad	Structure-based design and optimization of dihydropyrimidine-pteridine analogues as inhibitors of leishmania pteridine reductase and dihydrofolate reductase	Approved & Completed
669	HEC	Dr. Sadullah Mir	Chemistry	Abbottabad	Formulation, Characterization and Evaluation of Gamma Irradiated Polymeric Bio Nanocomposites of Piroxicam-beta-cyclodextrin for transdermal drug delivery application.	Approved & Completed
670	HEC	Dr. Muhammad Sohail	Pharmacy	Abbottabad	ENHANCED DIABETIC WOUND HEALING WITH CURCUMIN LOADED HYALURONIC ACID BASED CROSSLINKED MATRICES: IN VITRO & IN VIVO EVALUATION	Approved & Completed
671	HEC	Dr. Mohammad Amjad Sabir	Earth Sciences	Abbottabad	HYDRO POWER POTENTIAL OF SWAT RIVER CATCHMENT A DENDROCHRONOLOGIC APPROACH	Approved & Completed

672	HEC	Dr. Mehmood Qureshi	Electrical Engineering	Islamabad	Real time fast image reconstruction of PMRI algorithms by GPU based parallel computation	Approved & Completed
673	HEC	Dr. Iftikhar Zeb	Environmental Sciences	Abbottabad	Polymer enhanced biogas production through co digestion of poultry waste	Approved & Completed
674	HEC	Dr. Uzair Iqbal	Computer Science	Islamabad	Impact of simulator sickness in virtual reality: An empirical evaluation	Approved & Completed
675	HEC	Rafaqat Ali Khan	Chemistry	Abbottabad	Controlled size synthesis of transition metal ions doped spinel ferrite nanoparticles and functionalizing them for MRI applications	Approved & Completed
676	HEC	Dr. Muazzam Maqsood	Computer Science	Attock	An efficient hybrid recommender system for cardiovascular disease	Approved & Completed
677	HEC	Dr. Muhammad Imran Amirzada	Pharmacy	Abbottabad	Pegylated Protamine “ Recombinant human Interleukin 24 and doxorubicin nanoparticles for single combination therapy of Cancer.	Approved & Completed
678	HEC	Dr. Saqib Ali	Management Sciences	Sahiwal	Determinants of consumer intention to purchase energy efficient household appliances in pakistan	Approved & Completed
679	HEC	Dr. Tariq Mahmood	Chemistry	Abbottabad	Computational Design and Synthesis of Near Infrared Polymethine Cyanine Dyes and Their Potential Applications as Biomarkers	Approved & Completed
680	HEC	Dr. Rafiq Ahmad	Environmental Sciences	Abbottabad	Investigating the symbiotic relationship of ectomycorrhizal and pine trees grown on different soils under elevated O3 and high nitrogen load	Approved & Completed
681	HEC	Dr. Abbas Javed	Electrical Engineering	Lahore	Real time air pollution mapping using loraWan	Approved & Completed
682	HEC	Dr. Arooj Mubashara Siddiqui/ Dr. Syed Junaid Nawaz (New PI)	Electrical Engineering	Islamabad	Modeling and performance analysis of energy harvesting based internet of things (IoT) networks	Approved & Completed
683	HEC	Dr. Farha Masood	Biosciences	Islamabad	Green packing films based on polymeric nanocomposites	Approved & Completed
684	HEC	Dr. Abid Ali	Chemistry	Lahore	Development of efficient and low cost carbon based nanocomposites for water splitting reactions	Approved & Completed
685	HEC	Hassan Mehboob Awan	Biosciences	Islamabad	Expression profiling of MiR-3648 in breast cancer tissues	Approved & Completed
686	HEC	Dr Hasan Riaz	Biosciences	Sahiwal	Developing breeding standards for bucks based on reproductive performance, and Estrus synchronization and Artificial insemination for exploiting genetic potential in goats	Approved & Completed
687	HEC	Dr. Tariq Mahmood Khan	Electrical Engineering	Islamabad	Analysis of retinal fundus images for diagnosis of diabetic retinopathy	Approved & Completed
688	HEC	Dr. Salman Iqbal Malik	Computer Science	Vehari	IoT based smart home automation system	Approved & Completed
689	HEC	Dr.Muhammad Ibrahim	Biosciences	Sahiwal	RNA-Seq-based transcriptome analysis of antibiotic resistance and virulence mechanism of Campylobacter jejunai a serious foodborne illness in South Punjab, Pakistan	Approved & Completed
690	HEC	Dr. Imran Naseem	Management Sciences	Islamabad	Studying relationship between war and business	Approved & Completed
691	HEC	Dr. Tayyab Nawaz/ Dr. Shams ul Islam (New PI)	Mathimatics	Islamabad	Multogrid monte carlo(MGMC) ALGORITHM FOR SPIN GLASS MODELS	Approved & Completed

692	HEC	Dr. Muhammad Saleem Khan	Computer Science	Attock	Adaptive routing architecture for vaners	Approved & Completed
693	HEC	Ms. Sidra Hassan	Pharmacy	Abbottabad	Access to scientific instrumentation program	Approved & Completed
694	HEC	Dr. Shahid Qaisar	Mathimatics	Sahiwal	NEW HERMITE-HADAMARD, SIMPSON, OSTROWSKI TYPE INEQUALITIES VIA FRACTIONAL INTEGRAL FOR CONTINUOUS RANDOM VARIABLES	Approved & Completed
695	HEC	Saad Ihsan Butt	Mathimatics	Lahore	GENERALIZATION OF CYCLIC REFINEMENTS OF JENSENSâ€™S INEQUALITIES VIA INTERPOLATION POLYNOMIALS WITH NEW UPPER BOUNDS	Approved & Completed
696	HEC	Dr. Ambreen	Biosciences	Islamabad	Association of AS3MT gene polymorphism with arsenic methylation profile of pakistani population inhabiting in arsenic rich environment	Approved & Completed
697	HEC	Dr. Muhammad Muddassar	Biosciences	Islamabad	Development of Novel Insecticide Having New Mode of Action to Control cotton Bollworm	Approved & Completed
698	HEC	Dr. Muhammad Zubair	Mathimatics	Lahore	SOME COSMIC ASPECTS IN ALTERNATIVE THEORIES OF GRAVITY	Approved & Completed
699	HEC	Dr. Saira Afzal	Pharmacy	Abbottabad	Access to scientific instrumentation program	Approved & Completed
700	HEC	Dr. Minhas Akbar	Management Sciences	Sahiwal	Awareness and pereived demand of islamic banking and its profucts among farmers: The case of sahiwal	Approved & Completed
701	HEC	Dr. Hani Shaker	Mathimatics	Lahore	On Two Dimensional Topological Descriptors of Molecular Graphs	Approved & Completed
702	HEC	Dr. Maimona Rafiq	Mathimatics	Attock	Analytical and numerical investigation of dusty fluid within different geometries	Approved & Completed
703	HEC	Dr. Muhammad Aqeel Ahmad Khan	Mathimatics	Lahore	Approximate Common Solution of Equilibrium Problems and Variational Inequality Problems Together with Fixed Point Problems	Approved & Completed
704	HEC	Dr Akhtar Hayat	Chemistry	Lahore	Development of Field Protatable Bioaffinity Devices for Mycotoxins Monitoring in Food Safety and Security applications	Approved & Completed
705	HEC	Dr. Muhammad Aamir Razaq	Physics	Lahore	Fabrication of Nanocellulose and Conductive Polymer Based Flexible and Environmentally Safe Paper Electrodes for Development of Energy Storage Devices Via Indigenous Resources	Approved & Completed
706	HEC	Abdul Sattar	Physics	Lahore	STUDY OF CHARGE TRANSPORT PROPERTIES OF MOLECULAR DEVICES	Approved & Completed
707	HEC	Dr. Muhammad Yasir Rafique	Physics	Lahore	Development of magnetic nanostructure for energy efficient applications based on ultra strong permanent magnet and soft magnet	Approved & Completed
708	HEC	Dr. Syed Sohaib Ali	Computer Science	Islamabad	Enhancing visibility using thermal vision	Approved & Completed
709	HEC	Dr. Muhammad Zahid Abbas	Computer Science	Vehari	A Sealable heterogeneous nodes deployment mathematical model for topology control of linear sensor networks	Approved & Completed

710	HEC	Dr. Khurram Shahzad	Biosciences	Islamabad	Study of candidate genes and their respective biological pathways during preterm delivery cases in Pakistan	Approved & Completed
711	HEC	Dr. Arslan Usman	Physics	Lahore	Spectroscopic investigation of MoS ₂ thin films	Approved & Completed
712	HEC	Dr. Jehangir Arshad	Electrical Engineering	Sahiwal	Development of two party authentication scheme in device automation system by using tcp/ip protocol suit and embedded systems	Approved & Completed
713	HEC	Dr. Sarfraz Ahmad	Mathimatics	Lahore	Algebraic and Combinatorial Aspects of Subdivided Complexes	Approved & Completed
714	HEC	Dr. Bilal Tariq	Management Sciences	Vehari	The nexus of new trade theory and the child labor in developing countries	Approved & Completed
715	HEC	Aneeta Arshad	Chemistry	Abbottabad	Access to scientific instrumentation program	Approved & Completed
716	HEC	Dr. Muhammad Hussain	Mathimatics	Lahore	Metric dimension of different chemical structures	Approved & Completed
717	HEC	Shams ur Rehman	Physics	Islamabad	Fabbrication and functionalisation of oxide nanostructure for photocatalyst	Approved & Completed
718	HEC	Dr. Abdul Razzaq	Chemical Engineering	Lahore	Development of photocatalytic materials for organic dyes degradation under UV/visible light irradiation	Approved & Completed
719	HEC	Dr. Arshad Mahmood	Pharmacy	Abbottabad	To improve the oral bioavailability of antihypertensive drugs via self emulsifying drug delivery systems (SEDDS) based on modified excipients	Approved & Completed
720	HEC	Dr. Abrar Ahmed	Electrical Engineering	Islamabad	Modeling and characterization of massive MIMO vehicle to vehicle radio propagation channels	Approved & Completed
721	HEC	Dr. Nusrat Shaheen	Physics	Lahore	Facile synthesis and electrochemical characterization of novel nanomaterials for high performance of supercapacitors	Approved & Completed
722	HEC	Dr. Abdur Rahim	Interdisciplinary Research Center	Lahore	SMART NITRITE SENSOR FOR REAL-TIME FOOD AND WATER QUALITY MONITORING â€“ IMPROVING PUBLIC HEALTH	Approved & Completed
723	HEC	Dr. Shahid Hussain/ Dr. Mansoor Shoukat	Computer Science	Islamabad	A step towards the improvement in the performance of text classification	Approved & Completed
724	HEC	Dr. Arif Ali Khan (Old PI)/ Dr. Shahid Hussain (New PI)/ Dr. Mansoor shaoukat	Computer Science	Islamabad	Dimensional classification of success factors affecting process improvement in global software development: client vendor perspective	Approved & Completed
725	HEC	Dr. Muhammad Asif Rasheed	Biosciences	Sahiwal	Inhibition of 2C coxasaxkie B virus protein to decrease pathogenicity of diabetes mellitus type 1	Approved & Completed
726	HEC	Dr. Aamir Ali	Mathimatics	Attock	Diffusion and Convection Analysis of Nanofluid	Approved & Completed
727	HEC	Dr. Naeem Akhtar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Photo electrochemical for precise monitoring of vitamin c from saliva of gingivitis patient	Approved & Completed
728	HEC	Nadir Shah	Computer Science	Wah	FAULT LOCALIZATION IN TERM OF SECURITY AND MANAGEMENT POLICY IN SOFTWARE DEFINED NETWORKS	Approved & Completed
729	HEC	Dr. Kaneez Rabia	Physics	Islamabad	Collaborative experimental work to be carried out at QMUL,UK and ISIS, UK	Approved & Completed

730	HEC	Dr. Muhammad Imran	Biosciences	Islamabad	Food-Grade Colloidal Delivery Systems to Enhance Nutraceutical Bioavailability: Dairy Sector, Baby Foods and Beyond	Approved & Completed
731	HEC	Dr. Nadia Tabassum	Centre for Advanced Drug Research	Abbottabad	effect of pakistani plants extracts on regulation of melanogenesis to the improve skin pigmentation disorders"(IPFP/TTS)	Approved & Completed
732	HEC	Dr. Rafi Amir ud Din	Management Sciences	Lahore	Role of breastfeeding and birth spacing inreducing child mortality in Pakistan: recent evidence using DHS data	Approved & Completed
733	HEC	Dr. Asma Imran	Management Sciences	Lahore	Unveiling the act of enchanting selfies: Impact and perspective	Approved & Completed
734	HEC	Dr. Sohail Ahmed	Mathimatics	Islamabad	Internal Displacement from FATA: Impacts on the education of the displaced "under HEC (Thematic Research Grant Program)	Approved & Completed
735	HEC	Dr Syed Muhammad Usman Shah/ Dr. Asia Nosheen	Biosciences	Islamabad	Integrated Microalgal Cultivation for Environmental Remediation and Bioenergy Production	Approved & Completed
736	HEC	Dr. Mansoor Shaukat Khan	Mathimatics	Islamabad	ALGORITHM FOR GENERALIZATION OF COMPLEX SPATIAL POINT OBJECTS BASED ON FUZZY VORONOI DIAGRAM IN MULTIDIMENSIONAL SCALE VECTOR MAP SPACES FOR SPATIAL DATABASES	Approved & Completed
737	HEC	Dr. Talat Nazir	Mathimatics	Abbottabad	Control of open channel water flow and detecting leaks and dumps	Approved & Completed
738	HEC	Dr. Muhammad Farrukh Nisar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	The protective effects of encapsulated quercetin @ZnO against UVA-induced photo damage in human epidermal keratinocytes (HEK) by activation of eIF2a phosphorylation	Approved & Completed
739	HEC	Dr. Muhammad Abuzar Baqir	Electrical Engineering	Sahiwal	Design synthesis and characterization of hyperbolic metematerial-based microwave absorbers	Approved & Completed
740	HEC	Dr. Shahzad Khan/ Dr. Arif Alam New PI	Development Studies	Abbottabad	The impact of benazir income support program on household socio-economic dynamics and poverty reduction in district kohat, KPK	Approved & Completed
741	HEC	Abu Bakr Umer Farooq	Environmental Sciences	Vehari	Viral Sanitary Status of Temperate Fruits (grapes, pome fruits, stone fruits, etc) in Pakistan	Approved & Completed
742	HEC	Dr. Syed Abdul Mannan Kirmani	CAST	Islamabad	Detection and quantification of rare analytes in biological samples using diele	Approved & Completed
743	HEC	Dr. Farhad Zulfiqar	Management Sciences	Islamabad	Managing water commons and the extent of their climate resilience in punjab, pakistan	Approved & Completed
744	HEC	Dr. Maleeha Azam	Biosciences	Islamabad	Genetic Analysis of Ciliopathies in Pakistani Population	Approved & Completed
745	HEC	Arshad Saleem Bhatti	Physics	Islamabad	Develoment and fabrication of single solid state white light emitting device/ LED and its LiFi applications	Approved & Completed
746	HEC	Muhammad Junaid Mughal	Electrical Engineering	Islamabad	AN INVESTIGATION INTO THE DESIGN OF FREQUENCY SELECTIVE SURFACES FOR WIRELESS LAN APPLICATIONS	Approved & Completed
747	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Non thermal plasma for ecological farming	Approved & Completed

748	HEC	Asad Muhammad Khan	Chemistry	Abbottabad	Counter Ion engineering in amphiphiles a simple but effective way of manipulating surfactant properties	Approved & Completed
749	HEC	Usman latif	Interdisciplinary Research Center	Lahore	NOVEL ELECTROSPUN NANOFIBERS FOR POINT-OF-CARE PATHOGEN DETECTION- DENGUE VIRUS SENSOR	Approved & Completed
750	HEC	Ms. Shazia Ali	Mathimatics	Abbottabad	Access to scientific instrumentation program	Approved & completed
751	HEC	Abdul Jawad	Mathimatics	Lahore	Study of Early and Late-Times Universe via Modified/Alternatives Theories of Gravity	Approved & Completed
752	HEC	Dr. Tauseef Anwar	Energy Research Center (ERC)	Lahore	Titanium dioxide nanotube arrays as anode materials for lithium ion battery	Approved & Completed
753	HEC	Dr. Usman Latif	Interdisciplinary Research Center	Lahore	A SENSOR ARRAY TO DIAGNOSE ALL-CAUSE MORTALITY BIOMARKERS - DEATH RISK ASSESSMENT	Approved & Completed
754	HEC	Naveed ur rehman	Electrical Engineering	Islamabad	Development of wind power forecasting system in pakistan	Approved & completed
755	HEC	Dr. Ayyaz Qadeer	Management Sciences	Wah	Critical discourse analysis of urdu print media in the construction of political ideologies in Pakistan	Approved & completed
756	HEC	Dr. Muhammad Abid	Mechanical Engineering	Wah	Computational fluid mechanics	Approved & Completed
757	HEC	Dr. Sana Javed	Mathimatics	Lahore	DYNAMICS OF POLYCYSTIC RENAL DISORDE	Approved & Completed
758	HEC	Dr. Hamza Qayyum	Physics	Islamabad	A study on the pulsed laser-assisted reduction of graphene oxide	Approved & Completed
759	HEC	Dr. Toqeer Ahmed	Centre for Climate Research and	Islamabad	Elucidation of Larvicidal Effects of Metallic Nano-Particles against Vectors causing Malaria and Dengue Fever	Approved & Completed
760	HEC	Dr. Assad Abbas	Computer Science	Islamabad	Establishment of a pervasive healthcare research faculty at CIIT, Islamabad to support ambient living	Approved & Completed
761	HEC	Dr. Ghulam Abbas	Environmental Sciences	Vehari	GROWTH POTENTIAL OF QUINOA AS ALTERNATIVE FOOD CROP FOR SALT-AFFECTED SOILS IN VARIOUS AGRO-ECOLOGICAL ZONES OF PUNJAB, PAKISTAN	Approved & Completed
762	HEC	Dr. Kashif Ali	Mathimatics	Lahore	Analytical study of optional solitions with fractional nonlinear schrodinger equation	Approved & Completed
763	HEC	Dr. Muhammad Yar Khan	Management Sciences	Wah	Measuring the effectiveness of code corporate in Pakistani context	Approved & Completed
764	HEC	Dr. Asma	Mathimatics	Sahiwal	Integrodifferential equations and inequalities of fractional order.	Approved & Completed
765	HEC	Dr. Adnan Akhuzada/ Dr. Hasan ali Khattak New PI	Computer Science	Islamabad	Towards secure design and development of southbound API using commercial SDN Controller	Approved & Completed
766	HEC	Dr.Imran Shafique	Management Sciences	Lahore	How learningg flexibility, experimentation,& innovation affect entrepreneurial success and firm performance	Approved & Completed
767	HEC	Dr. Zulfiqar Habib	Computer Science	Lahore	Forensic Analysis of Digital Images and videow	Approved & Completed
768	HEC	Dr. Jamshed Iqbal	CADR	Abbottabad	Chemical Synthesis and Elucidation of Biological Effects of Fat Taste Receptor Analogues	Approved & Completed

769	HEC	Dr. Sana Sabahat	Physics	Islamabad	Synthesis and Characterization of Fluorinated transition metal oxide nano architecture for electrochemical" under HEC PeriDot Research Grant	Approved & Completed
770	HEC	Dr. Khuda Bakhsh	Management Sciences	Vehari	Analysis of benefits and costs of Bt cotton from economic, social and environmental perspectives " under NRPU (Project No. 4664)	Approved & Completed
771	HEC	Dr. Noor Elahi	Development Studies	Abbottabad	Media Involvement in Post-Conflict Peace Building Initiatives: Challenges and Oportunities in Pakistan	Approved & Completed
772	HEC	Dr. Muhammad Tahir	Computer Science	Attock	ShRECReT: Short read error correction research tool for genome assembly" (IPFP/TTS)	Approved & Completed
773	HEC	Dr. Aamir Qamar	Electrical Engineering	Wah	Break Point Diagnosis of Substations, Grounding Grid"	Approved & Completed
774	HEC	Dr. Muhammad Sardaraz	Computer Science	Attock	Implementation of Various Scheduling Strategies for Scientific workflows in Cloud computing"	Approved & Completed
775	HEC	Dr. Asfand Fahad	Computer Science	Vehari	On Steffensens inequality and montgomery,s identity	Approved & Completed
776	HEC	Dr. Rida Irfan	Mathimatics	Sahiwal	On Binomial edge ideals of interval Graphs	Approved & Completed
777	HEC	Dr. Sadaf Yasmin	Computer Science	Attock	Group-based multicast information dissmination in networks with episodic connectivity	Approved & Completed
778	HEC	Dr. Farman Ullah	Electrical Engineering	Attock	Development of framwork for trustworthy and privacy controlled online social networks services	Approved & Completed
779	HEC	Dr. Misbah Arshad	Mathimatics	Sahiwal	On first reformulated zagreb index of graph operations	Approved & Completed
780	HEC	Dr. Mohsan Hassan	Mathimatics	Lahore	Heat transfer enhancement influid flow by improving physical properties through nanomaterial	Approved & Completed
781	HEC	Dr. Usman Shakoor	Management Sciences	Islamabad	Evaluating Alternative Gaseous Transportation Fuels for Pakistan	Approved & Completed
782	HEC	Dr. Muhammad Khan	Management Sciences	Lahore	Do targeted risk communications promote mitigating behavior? Evidence from Randomized control trial in Pakistan	Approved & Completed
783	HEC	Dr. Shaheed ur Rehman	Pharmacy	Abbottabad	Pre-clinical ADME Study of Kinsenoside an Antihyperlipidemic Drug Candidate	Approved & Completed
784	HEC	Dr. Abrar Faisal	Chemical Engineering	Lahore	Comparative study for efficient recovery of butanol from aqueous solutions using different adsorbents	Approved & Completed
785	HEC	Dr. Naveed Ur Rehman	Electrical Engineering	Islamabad	Statistical signal denoising methods based on multiscale data adaptive techniques	Approved & Completed
786	HEC	Dr. Mazhar Abbas	Management Sciences	Vehari	Overcoming Consumer Resistance to Innovation Among Low-Income Population of Pakistan	Approved & Completed
787	HEC	Dr. Farha Masood	Biosciences	Islamabad	Green packaging films based on polymeric nanocomposites	Approved & Completed
788	HEC	Dr. Javed Akram	Physics	Islamabad	Bose-Einstein condensation and disordered systems	Approved & Completed
789	HEC	Dr. Muhammad Abid	Centre for Climate Research and Development (CCRD)	Islamabad	Public perception and valuation of climate-related risks and willingness-to-pay for policy interventions in metropolitan cities of Punjab, Pakistan.	Approved & Completed
790	HEC	Dr. Syed Nasir Shah	Chemical Engineering	Lahore	De-acidification of Crude oil using Ionic liquids by neutralization reaction and liquid-liquid extraction.	Approved & Completed
791	HEC	Dr. Muhammad Sabra Nadeem	Management Sciences	Islamabad	International accreditation of business education in Pakistan	Approved & Completed

792	HEC	Dr. Hafiz Muhammad Omer Chughtai	electrical Engineering	Wah	Distributed congestion-aware traffic loadbalancing through routing in low power and limited broadcast range wireless ad hoc networks	Approved & Completed
793	HEC	Dr. Jamil Ahmad	Management Sciences	Vehari	Prioritising drivers for green manufacturing in Wouth Punjab Sugar industries	Approved & Completed
794	HEC	Dr. Muhammad Haris Khan	electrical Engineering	Lahore	Facial landmark tracking in long and in the wild videos using deep learning	Approved & Completed
795	HEC	Dr. Ahmed Saeed	Electrical Engineering	Lahore	Hardware-Assisted detection of illegal memory accesses in FPGA and Microcontroller based Embedded Systems Startup Research Grant under Interim Placement of Fresh pHdS Program (IPFP/TTS)	Approved & Completed
796	HEC	Dr. Farooq Ahmad Shah	Mathimatics	Attock	Some approaches to the development of generalized recurrence relations for the solution of the Non-linear equations	Approved & Completed
797	HEC	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Functionalized and task specific asymmetric polymeric and mixed matrix membranes for biogas purification and SYN-Gas processing	Approved & Completed
798	HEC	Dr. Muhammad Sufyan Javed/ Dr. Muhammad Ashfaq	Physics	Lahore	Controlled synthesis of hierarchically porous metal-selenide nanostructure architectures for high performance flexible and sustainable supercapacitors	Approved & Completed
799	HEC	Dr. Farha Masood	Biosciences	Islamabad	Grants for maintenance of scientific equipment	Approved & Completed
800	HEC	Dr. Muhammad Aftab	Management Sciences	Islamabad	Currency order flows and stock market volatility	Approved & Completed
801	HEC	Dr. Muhammad Shoaib Naseem	Mechanical Engineering	Wah	Gel Fuel Injection System	Approved & Completed
802	HEC	Dr. Robina farooq	Chemistry	Lahore	Development of inexpensive user friendly water alert test kit to detect harmful bacteria	Approved & Completed
803	HEC	Dr. Muhammad Masoom Alam/ Dr. Nadeem Javed	Computer Science	Islamabad	T-EYE threat intelligence platform project	Approved & Completed
804	HEC	Dr. Waqqar Ahmed	Physics	Islamabad	Detection of homemade explosives by surface enhanced raman spectroscopy	Approved & Completed
805	HEC	Dr. Shumaila Karamat	Physics	Islamabad	Phase change materials for thermal management of graphene hybrid li-Ion batteries	Approved & Completed
806	HEC	Masooma Irfan	Chemistry	Lahore	aminophyltriethoxysilane silica and polymeric based memberane used for dye rejection from drinking water	Approved & Completed
807	HEC	Dr. Muhammad Irfan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Fabrication and characterization of polysulfone aminopropyltriethoxysilane and functionalized MCM-41 based hemodialysis membrane	Approved & Completed
808	HEC	Dr. Muhammad Yaqoob Javed	Electrical Engineering	Lahore	Optimal control strategies for meximum power from photovoltaic system	Approved & Completed
809	HEC	Dr. Muhammad Sohail Tahir	Management Sciences	Vehari	Customer decision and affective assessment of online product recommendation: A recommendation product congruity proposition	Approved & Completed
810	HEC	Dr. Sardar Muhammad Zahid/ Dr. Tahir Mumtaz Awan (New PI)	Management Sciences	Islamabad	The nexus between green supply chain management practices sustainability performance an environmental collaboration	Approved & Completed

811	HEC	Dr. Tahir Mumtaz Awan	Management Sciences	Islamabad	Impact of CPEC in changing consumers perception of made in china products	Approved & Completed
812	HEC	Dr. Arslan Ahmad	Mechanical Engineering	Sahiwal	Systematic optimization of mechanical properties of graphene polystyrene nano composite using response surface methodology (RSM)	Approved & Completed
813	HEC	Dr. Awais Ali	Mechanical Engineering	Sahiwal	Large eddy simulation of heated and unheated cylinder in turbulent cross flow	Approved & Completed
814	HEC	Dr. Muhammad Ikram	Pharmacy	Abbottabad	Fabrication of a three dimensional tumor microenvironment for studying effect of propitious chemotherapeutics agents from natural plants orgins	Approved & Completed
815	HEC	Dr. Umer Javed	Chemical Engineering	Wah	Design modeling and analysis of ubiquitous 5G wireless communication system	Approved & Completed
816	HEC	Dr. Saleha Javed	Management Sciences	Lahore	Quality of patients care in Pakistan Impact of emotional intelligence spritual intelligence, psychological ownership and burnout on caring behaviour of nurse	Approved & Completed
817	HEC	Dr. Khadim Shah	Environmental Sciences	Abbottabad	Identification of genes involved in human hereditary skin conditions	Approved & Completed
818	HEC	Dr. Muhammad Iqbal	Electrical Engineering	Wah	A FRAME WORK FOR REMOTE MONITORING OF COTTON PLANT VIGOR	Approved & Completed
819	HEC	Dr. Ashfaq Ahmed	Electrical Engineering	Wah	A SYSTEM FOR HEALTH MONITORING OF RAILWAY	Approved & Completed
820	HEC	Khurram Ali	Electrical Engineering	Lahore	A wearable solution for health monitoring and assessment of human body joints using acoustic signals	Approved & Completed
821	HEC	Dr Atif Ali	Pharmacy	Abbottabad	An Innovative Approach to Green Cosmetic Formulations from Food Waste of Pakistan	Approved & Completed
822	HEC	Dr. Syed Asad Hussain	Computer Science	Lahore	An Intelligent Brain Computer Interfacing (BCI) based Personalized Healthcare System for Neuro-Rehabilitation	Approved & Completed
823	HEC	Ijaz Ali	Biosciences	Islamabad	Characterization of human GUT and Plasma virome of Hepatocellular Carcinoma patients	Approved & Completed
824	HEC	Dr. Noor Elahi	Development Studies	Abbottabad	Constraints and opportunities in post crises Aid and Development in Khyber Pakhtunkhawa	Approved & Completed
825	HEC	Dr. Faisal Khan	Electrical Engineering	Abbottabad	Design and Development of a New Field Excitation Flux Switching Motor for Axial Fan Applications	Approved & Completed
826	HEC	Dr. Rana Liaqat Ali	Physics	Islamabad	DESIGN AND IMPLEMENTATION OF WALKING AID FOR BLIND PEOPLE	Approved & Completed
827	HEC	Ali Nawaz Khan	Electrical Engineering	Lahore	Detection of Seizures in Epileptic Patients to Avoid Sudden Deaths through Wearable Sensors	Approved & Completed
828	HEC	Muhammad Tahir	Environmental Sciences	Vehari	DEVELOPMENT AND APPLICATION OF BACTERIAL BASED BIO-PESTICIDE TO MINIMIZE FOOD CHAIN AND ENVIRONMENTAL CONTAMINATION	Approved & Completed
829	HEC	Dr. Muhammad Muddassar	Biosciences	Islamabad	Discovery of novel nAChR antagonists using structure based approaches to control aphid pests	Approved & Completed

830	HEC	Dr. Jamal Hussain Shah	Computer Science	Wah	Drone Robotic Fish for Flowing Water Disease Detection and Analysis	Approved & Completed
831	HEC	Dr Abdul Jawad	Mathimatics	Lahore	Essential Properties of Black Holes in Various Theories of Gravity	Approved & Completed
832	HEC	Dr. Sundus Javed	Biosciences	Islamabad	Evaluation of the role of Type Six Secretion System effector Hemolysin coregulated protein in pathogenesis by the zoonotic pathogen Helicobacter pullorum	Approved & Completed
833	HEC	Dr. Muhammad Mustafa Raziq	Management Sciences	Islamabad	Examine the foreign multinational enterprises, emergency strategy contribution and sustainability in their operations in pakistan	Approved & Completed
834	HEC	Dr. Zahid Imran	Physics	Islamabad	FACILE SYNTHESIS OF TITANIA NANOSTRUCTURES AND THEIR USEFUL CHARACTERIZATION FOR ENVIRONMENTAL AND ENERGY APPLICATIONS	Approved & Completed
835	HEC	Dr. Muhammad Kamran	Physics	Islamabad	FINDING NEW MODES FOR PLASMA HEATING USING SIMULATION TECHNIQUES	Approved & Completed
836	HEC	Ijaz Ali	Biosciences	Islamabad	Genomic and Proteomic-based antigenic characterization of locally prevalent Echinococcal isolates for the identification of immunodominant epitopes, molecular diagnostics development and vaccine design	Approved & Completed
837	HEC	Dr. Shams ur Rahman	Physics	Islamabad	Graphene for Energy Storage Devices	Approved & Completed
838	HEC	Dr. Anwar Hussain	Physics	Islamabad	High resolution imaging through phase mask illumination in lenless microscopy	Approved & Completed
839	HEC	Dr. Fahad Rehman	Chemical Engineering	Lahore	Hydrogen production and separation for decentralized power generation for rural areas of Pakistan	Approved & Completed
840	HEC	Farhan Haq	Biosciences	Islamabad	Identification of Genetic and Non-Genetic factors in Hepatocellular Carcinoma	Approved & Completed
841	HEC	Dr. Mujtaba Hussain Jaffery	Electrical Engineering	Lahore	Impact of Harmonics on Energy Efficiency: The way to save energy & maintenance cost in industry	Approved & Completed
842	HEC	Dr Waseem Haider	Biosciences	Islamabad	Investigation of photothermal response of Pakistani SOYBEAN cultivars using Next Generation Sequencing (NGS)	Approved & Completed
843	HEC	Sadia Sattar	Biosciences	Islamabad	Isolation and characterization of salmonella specific bacteriophage lysins as alternative to antibiotics for control of Multiple drug resistant salmonella enterica species in poultry	Approved & Completed
844	HEC	Hafiz Faiq Siddique Gul Bakhat	Environmental Sciences	Vehari	Kinnow fruit quality and storability improvement by silicon application	Approved & Completed
845	HEC	Rafi Amir-ud-Din	Management Sciences	Lahore	Leaving studies because of lack of interest: An analysis of the risk factors of the school dropouts aged 10-24 years in Pakistan	Approved & Completed
846	HEC	Dr Asim Ali Khan	Electrical Engineering	Lahore	Low Cost Ground Penetrating Radar System For Under Debris Search And Rescue Operations	Approved & Completed
847	HEC	Dr. Muhammad Hussain	Mathimatics	Lahore	Magic labeling of various families of graphs	Approved & Completed

848	HEC	Saad Ihsan Butt	Mathimatics	Lahore	MEASURE THEORETIC EXTENSIONS AND IMPROVEMENTS OF CLASSICAL JENSEN'S INEQUALITY AND ITS CONVERSES WITH APPLICATIONS IN INFORMATION THEORY	Approved & Completed
849	HEC	Dr. Kalim Ullah	Meteorology	Islamabad	Mesoscale Modeling For Improving Weather Predictions In Pakistan	Approved & Completed
850	HEC	Nazar Abbas Shah	physics	Islamabad	Metal Oxide Carbon Nano Tube Heterostructures for IR Detector and Chemical Sensors	Approved & Completed
851	HEC	Dr. Muhammad Mohsin	Statistics	Lahore	MODELING AND FORECASTING OF DROUGHT DURATION AND INTERARRIVAL TIME	Approved & Completed
852	HEC	Dr. Muhammad Khalil Afzal	Computer Science	Wah	MULTI OBJECTIVE MEDIUM ACCESS CONTROL CONFIGURATION IN WIRELESS SENSORS NETWORKS USING MACHINE LEARNING	Approved & Completed
853	HEC	Altaf Karim	Physics	Islamabad	Multiscale Modeling of Photocatalytic Water Splitting	Approved & Completed
854	HEC	Zulfiqar Ahmad Bhatti	Environmental Sciences	Abbottabad	Nitrogen Removal and Bioelectricity Production from Industrial Wastewater through Anammox up-flow Microbial Fuel Cell process	Approved & Completed
855	HEC	Dr. Tasawar Abbas Malik	Physics	Islamabad	Open System Dynamics of Entanglement in Dissipative Environment and its Engineering for Long Term Entanglement	Approved & completed
856	HEC	Muhammad Asrar-ul-Haq	Management Sciences	Sahiwal	Optimizing Return on Investment of Overseas Trained Pakistani Scholars	Approved & Completed
857	HEC	Dr. Sajid Qamar	Physics	Islamabad	Realization of Optical Devices using Quantum Dots, Rydberg Atoms, and 2D Graphene Structure	Approved & Completed
858	HEC	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	Reducing phytotoxicity of Na ⁺ by integrated application of biochar as an inoculant carrier for GFP tagged salt tolerant bacteria along with enhanced expression of salt responsive genes; Bio-based strategy for salt affected soils	Approved & Completed
859	HEC	Dr. Muhammad Wasim Sajid	Biosciences	Sahiwal	RISK ASSESMENT OF AFLATOXINS AND VALUE ADDITION TO MILK OF GOAT AND CHOLISTANI CATTLE	Approved & Completed
860	HEC	Dr Muhammad Irfan	Management Sciences	Vehari	ROLE OF FEMALE LABOR FORCE PARTICIPATION IN BIRTH CONTROL: AN ANALYTICAL STUDY OF SOUTHERN PUNJAB PAKISTAN	Approved & Completed
861	HEC	Dr. Zahid Imran	Physics	Islamabad	SOLAR CELL BASED ON COMPLEX METAL OXIDE AND SULFIDE NANOSTRUCTURES AND THEIR STRUCTURE RELATED PHOTOVOLTIC PROPERTIES	Approved & completed
862	HEC	Dr. Shamaila Rani	Mathimatics	Lahore	Some Emergent Scenarios in Torsion based Modified Theories of Gravity	Approved & Completed
863	HEC	Shumaila Karamat	Physics	Islamabad	Spin Polarized Transport in Dilute Magnetic Semiconductor Heterostructure Devices	Approved & Completed

864	HEC	Dr. Zahid Ali	Biosciences	Islamabad	Strategic Development of Baseline Protocols To Predict Climate Change Impacts On Plants And Prevalence of Associated Allergic Diseases in Pakistan	Approved & Completed
865	HEC	Dr. Fariha Khan	Biosciences	Islamabad	Structural basis of targeting G protein coupled receptors for therapeutic potential	Approved & Completed
866	HEC	Dr. Muhammad Rashid/ Dr. Altaf Karim (new PI)	Physics	Islamabad	Study of various physical properties of Lead- Free Perovskites on theoretical and experimental basis to use in the formation of Solar Cell	Approved & Completed
867	HEC	Dr. Aamir Shahad	Electrical Engineering	Abbottabad	Subcutaneous Veins localization using Near Infrared imaging technology	Approved & Completed
868	HEC	salman naeem khan	Physics	Lahore	Synthesis, characterizations and application of nonomaterial's for high frequency applications	Approved & Completed
869	HEC	Dr. Kifayatullah	Biosciences	Islamabad	Systematic screening of energy crops for quantitative and qualitative production of biodiesel from unexplored federally administered tribal area	Approved & Completed
870	HEC	Dr. Muhammad Raza	Mathimatics	Sahiwal	Theoretical Study of Invisibility Cloaking in Composite Metamaterials	Approved & Completed
871	HEC	Ghulam Mustafa Shah	Environmental Sciences	Vehari	Unravelling the effects of nanoparticle toxicity on soil carbon and nitrogen dynamics from organic wastes	Approved & Completed
872	HEC	Abrar Hussain	Biosciences	Sahiwal	USE OF HMW-GS DELETION MUTANTS TO UNDERSTAND FUNCTIONALITY OF WHEAT FLOUR	Approved & Completed
873	HEC	Dr.Aamira Tariq	Biosciences	Islamabad	"IDENTIFICATION OF A NOVEL NON-INVASIVE BIOMARKER FOR TRIPLE NEGATIVE BREAST CANCER DETECTION"	Approved & Completed
874	HEC	Dr. Mazhar Amjad Gilani	Chemistry	Lahore	A Computational Guide to Design High Performance Nonlinear Optical Materials	Approved & Completed
875	HEC	Adnan Nawaz	Civil Engineering	Wah	AN INVESTIGATIVE STUDY ON MANUFACTUTING PROCESS AND MECHANICAL PROPERTIES OF BRICKS IN PAKISTAN	Approved & Completed
876	HEC	Dr Tareq Manzoor	Chemical Engineering	Lahore	Analysis of energy storage materials and systems for energy applications	Approved & Completed
877	HEC	Dr. Shahid Masood Shah	Environmental Sciences	Abbottabad	Assessment of Native Morchella Species Growth Factors In Situ and their Implementation for Pilot Scale Production in Pakistan	Approved & Completed
878	HEC	Dr. Anwar Ullah/ Dr. Kifayat Ullah (new PI)	Biosciences	Islamabad	Biochemical, structural and functional characterization of proteins from Cobra (Naja naja) and Russell's viper venoms	Approved & Completed
879	HEC	Dr Tayyaba Yasmin	Biosciences	Islamabad	Cisgenic over-expression of a pattern-recognition receptor (PRR) in tomato to improve broad-spectrum bacterial resistance	Approved & Completed
880	HEC	Dr Rizwan Raza	Physics	Lahore	Clean Energy from Biomass: Advanced nanocomposite fuel cell based on biogas fuel	Approved & Completed

881	HEC	Nazneen Bangash	Biosciences	Islamabad	Degradation potential of cellulytic bacteria isolated from termite gut for organic waste management	Approved & Completed
882	HEC	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	DEVELOPMENTAL AND FUNCTIONAL TOXICITY INDUCED BY PCBS TO PLURIPOTENT STEM CELLS AND POTENTIAL MOLECULAR MECHANISMS	Approved & Completed
883	HEC	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Drug Resistance Profiling of Antagonistic Bacteria and Molecular Insight into their Respective Mechanisms to Select Eco-Safe Ingredients of Biopesticide	Approved & Completed
884	HEC	Zia Ul Haq Khan	Environmental Sciences	Vehari	ELECTROCHEMICAL SYNTHESIS OF ASYMMETRIC HETEROCYCLIC ORGANIC COMPOUNDS AND THEIR BIOLOGICAL INVESTIGATION	Approved & Completed
885	HEC	Dr Yasar Sajjad	Environmental Sciences	Abbottabad	Evaluating the remediation of indoor air pollutants by indoor plants	Approved & Completed
886	HEC	Dr Sher Zaman Safi (Dr. Muhammad Yar)	Interdisciplinary Research Center	Lahore	Evolution of molecular mechanisms of pro-angiogenic heparin/zinc oxide/peroxide nanoparticles containing chitosan PVA PCL hydrogels for their clinical implications: Addressing gaps between these biomaterials and their clinical use	Approved & Completed
887	HEC	Dr. Muhammad Zakir Ali	Environmental Sciences	Vehari	EXPLOITING THE SPECIFICITY OF HERBIVORE-INDUCED VOLATILE CHEMICALS IN REAL-TIME CROP MONITORING FOR SUSTAINABLE AGRICULTURE IN PAKISTAN.	Approved & Completed
888	HEC	Dr. Muhammad Zubair	Mathematics	Lahore	EXPLORING COSMOLOGICAL ASPECTS IN MODIFIED TELEPARALLEL THEORIES	Approved & Completed
889	HEC	Dr Madad Khan	Mathimatics	Abbottabad	Generalized Fuzzy Soft Sets With Applications In Decision Making Problems	Approved & Completed
890	HEC	Dr. Shumaila Nawazish	Environmental Sciences	Abbottabad	Identification of air pollutants effects cultivated community mobilization coupled with initiative in Abbottabad and Hattar Industrial Estate	Approved & Completed
891	HEC	Dr. Yasser MSA Alkahraman	Pharmacy	Abbottabad	Infertility risk factor assessment through hormonal and hematological Profiling in amenorrhoeic women visiting fertility clinics.	Approved & Completed
892	HEC	Dr. Mohsan Hassan	Mathimatics	Lahore	Convective heat transfer performance and flow characteriztics of hybrid-nanofluids	Approved & Completed
893	HEC	Nazneen Bangash	Biosciences	Islamabad	Microbial Assisted Phytoremediation of Polybrominated Diphenyl Ethers from Contaminated Soil	Approved & Completed
894	HEC	Dr Muhammad Usman Ali	Mathimatics	Attock	New trends of metric fixed point theory	Approved & Completed
895	HEC	Dr. Fahad Munir Abbasi	Mathimatics	Islamabad	Peristaltic flows of nanofluids under different flow configurations	Approved & Completed
896	HEC	Dr. Shabbar Abbas	Biosciences	Islamabad	Production and Assessment of Nano-encapsulated Micronutrients for Food Fortification to Fight Against Malnutrition in Pakistan	Approved & Completed

897	HEC	Dr. Rab Nawaz	Mathimatics	Islamabad	SCATTERING CHARACTERISTICS OF MULTI-FURCATED GUIDED WAVE STRUCTURES	Approved & Completed
898	HEC	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	SEQUENTIAL ANAEROBIC/AEROBIC BIODEGRADATION OF POLYCHLORINATED BIPHENYLS IN PAKISTANI SOILS	Approved & Completed
899	HEC	Muhammad Imran	Environmental Sciences	Vehari	Sequestration of dyes from textile industry wastewater using nanoparticles loaded biosorbents	Approved & Completed
900	HEC	DR FAIZA SHARIF	Interdisciplinary Research Cen	Lahore	SILKNIT: TISSUE ENGINEERED ANTIBACTERIAL KNITTED SILK SCAFFOLD FOR LOAD BEARING SOFT TISSUE REPAIR	Approved & Completed
901	HEC	Dr. Javed Ferzund	Computer Science	Sahiwal	Smart Career Counselling Assistant	Approved & Completed
902	HEC	Muhammad Shafique Khalid/ Muhammad Shafiq Khalid/ Dr. Hafiz Faiq Siddique Gul Bakht	Environmental Sciences	Vehari	Supply Chain Development for Pesticide Residues (MRLs) Free Fresh Vegetables	Approved & Completed
903	HEC	Dr. M Imran Khan	Management Sciences	Vehari	The impact of social media on student's academic achievement, A case of higher educational institutions of southern Punjab, Pakistan.	Approved & Completed
904	HEC	Dr. Muhammad Naveed ul Haq/ Dr. Shahzad Hussain	Physics	Lahore	Studies on structural electrical magnetic and magnetoelectric properties of (Ba,Sr) (Ti,sn)O3-NiFe2O4 based composities and thin films	Approved & Completed
905	HEC	Dr. Mahmood Hassan Akhtar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Synthesis of nanomaterial (porous iron oxide nano sheres) for the development of bioactuation	Approved & Completed
906	HEC	Dr. Muhammad Usman Shahid Khan	Computer Science	Abbottabad	Ads and malicious content observatory for social media	Approved & Completed
907	HEC	Dr. Muhammad Ashraf	Management Sciences	Vehari	National Consumer confidence predictor using social Media Analytics	Approved & Completed
908	HEC	Dr Asma Tufail	Interdisciplinary Research Cen	Lahore	Development of smart injectable bioactive glass for potential application in periodontal infection and infrabony defects	Approved & Completed
909	HEC	Dr. Muhammad Awais Javed	ECE	Islamabad	A1 empowered anomaly detection system and M1 mitre Att@k mapping	Approved & completed
910	HEC	Dr. Muhammad Faraz Arshad Malik	Biosciences	Islamabad	Development of RT-Lamp assay for early detection Covid-19	Approved & completed
911	HEC	Dr. Farhan Hafeez	Environmental Sciences	Abbottabad	Impact of Global Climatic Changes and Human Perturbations on Resilience of Nitrogen Cycling Ecosystem Functioning in Lower Himalayas	Approved & completed
912	HEC	Dr. Irfanullah	Electrical and Computer Engin	Abbottabad	Antenna Array Failure Correction for Phased-Array Radar	Approved & completed
913	HEC	Dr Zertashia AKram	Biosciences	Islamabad	Association between high salt exposure and genetic integrity in salt mine workers	Approved & completed
914	HEC	Dr. Hafiza Fakhera Ikram	Interdisciplinary Research Cen	Lahore	A New Therapeutic Approach for Osteoarthritis: Use of 3D Printed Bioscaffolds from Decellularized Umbilical Cord for Cartilage Regeneration	Approved & completed

915	HEC	Dr. Yasser Shahzad	Pharmacy	Lahore	Emerging Treatment Modality for Rheumatoid Arthritis: From Designing Topical Nano-Sponge gel to in vivo Efficacy Studies	Approved & completed
916	HEC	Dr. Muhammad Yasin	Chemical Engineering	Lahore	Task-specific Deep Eutectic Solvents Based Pervaporation Process for Production of Fuel-grade Bioethanol	Approved & completed
917	HEC	Dr. Zeeshan Kaleem	Electrical and Computer Engin	Wah	Development of Intelligent Counter-Unmanned Air Vehicles System for Security-Sensitive Institutions	Approved & completed
918	HEC	Dr. Muhammad Awais	Electrical and Computer Engin	Wah	Standard Cell Design of Low Power Reversible Circuits for Green ICT	Approved & completed
919	HEC	Dr.Ehtiram Shahaliyev	Physics	Islamabad	Application of Random Matrix Theory in High Energy Physics	Approved & Completed
920	HEC	Dr. Khusniddin Olimov	Physics	Islamabad	Manifestation of Collective Phenomena in Relativistic Hadron-Nucleus and Nucleus Collisions	Approved & Completed
921	HEC	Dr. Syed Mustajab Akber Shah Eqani	Biosciences	Islamabad	Toxic metals signatures and their risks in the food web of River Chenab	Approved & completed
922	HEC	Dr. Aamir Razaq	Physics	Lahore	Fabrication of zinc oxide nanorods on waste paper fibers for development of low voltage light emitting wallpaper to replace incandescent bulb	Approved & completed
923	HEC	Dr. Nasro Min Allah	Computer Science	Islamabad	Enhanced feasibility analysis techniques and novel scheduling policies for multicore system PPCR	Approved & Completed
924	HEC	Dr. Faheel Athar Hashmi	Physics	Islamabad	The study of interaction between atomic systems and short pulses PPCR	Approved & completed
925	HEC	Dr. Irem Batool	Management Sciences	Sahiwal	Establishment of basic research infrastructure to study Pakistan Fiscal policy & political business cycles	Approved & completed
926	HEC	Dr. Farah Alvi	Physics	Lahore	Development of flexible electrodes with conducting plymer nanocoposites for efficient high redox super capacitor technology	Approved & completed
927	HEC	Dr. Majid Niaz Akhtar	Physics	Lahore	Synthesis and characterization of magnetic nanomaterials for antenna applications	Approved & Completed
928	HEC	Dr. Muhammad Shahzad	Environmental Sciences	Abbottabad	Metabolic activity in pea (Pisum sativum L) cultivars in combined treatments of K & Na and Varying salinity level	Approved & Completed
929	HEC	Dr. Khalid Rauf	Pharmacy	Abbottabad	Effect of bacopasides from bacopa monnieri on opioid withdrawal induced hyperlgesia in animals having poly substance (morphine & nicotine) exposure	Approved & completed
930	HEC	Dr. Abrar Hussain	Biosciences	Sahiwal	Protein polymerization an microelements concentration in whole-meal wheat flour	Approved & Completed
931	HEC	Dr. Abdul Sattar abbasi	Physics	Lahore	Self Assembly of Sub-100 nm structures using Di-block copolymers	Approved & Completed
932	HEC	Dr. Adeel Afzal Dr. Aqif anwar Chaudhry New PI	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Development of high mobility synthetic bone grant substitutes using polymeric carriers	Approved & Completed
933	HEC	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Sonophotocatalytic degradation of Reactive dye (RB 19) by S-TiO ₂ particles in aqueous solutions	Approved & Completed

934	HEC	Dr. Hasan Mahmood	Physics	Lahore	Synthesis and characterization of transition metal oxides nanomaterials	Approved & Completed
935	HEC	Dr. Muhammad Idrees	Chemical Engineering	Lahore	Synthesis and electrical characterization of BiFeO ₃ 0	Approved & completed
936	HEC	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Next generation membrances based on Ionic liquids for CO ₂ capture	Approved & completed
937	HEC	Dr. Usman Irshad	Environmental Sciences	Abbottabad	Isolation and Identification of Bacterial Grazer nematodes: their effect on rhizo-bacterial Communities and Phosphorus uptake by Pine Seedlings	Approved & completed
938	HEC	Dr. Muhammad Kamran	Physics	Islamabad	Determination of energy and velocity distribution of biophysical molecules in aqueous solution	Approved & completed
939	HEC	Dr. Farhan Ahmed Khan	Chemistry	Abbottabad	Facile Synthesis of Substituted Carbohydrazide Building Blocks	Approved & completed
940	HEC	Dr. Farrukh Shahzad	Physics	Islamabad	Synthesis and characterization of ant ferromagnetic nanoparticles for magnetic raman study	Approved & completed
941	HEC	Dr. Muhammad Asif,	Physics	Lahore	ZnO/ CuO Nanostructure fabrication using low temperature techniques	Approved & completed
942	HEC	Dr. Farhan Hafeez	Environmental Sciences	Abbottabad	Ecological aspects of nitrogen cycling in terrestrial ecosystems and the emission of nitrous oxide, an important greenhouse gas	Approved & completed
943	HEC	Dr. Hafiz Muhammad Asif	Electrical Engineering	Lahore	Simulation study of novel space time block coding using rank codes & efficient decoding	Approved & completed
944	HEC	Dr. Muhammad Salman Khan	Computer Science	Lahore	A visualization tool for scientometric, bibliometric, and content analysis of scholarly communications	Approved & completed
945	HEC	Dr. Ghulam Abbas/ Khalid Rauf new PI	Pharmacy	Abbottabad	Preclinical evaluation of natural substances for antidepressant potential using behavioral assays	Approved & completed
946	HEC	Dr. Muhammad Awais	Mathimatics	Attock	3-D flow of Non-Newtonian Nanofluids	Approved & Completed
947	HEC	Dr. Syed Kamran ul Hassan Naqvi	Biosciences	Islamabad	Candidates genes hunting for certain autosomal recessive non-syndromic hearing loss (ARNSHL) disorders using biological databases and bioinformatics tool	Approved & Completed
948	HEC	Dr. Hamid Turab Mirza	Computer Science	Lahore	Activity pooler: A system for proactive desktop computing	Approved & completed
949	HEC	Dr. Munir Ahmed	Management Sciences	Vehari	Quantil;e regression analysis of ponderal index of underweight newborn babies. A case study of Vehari and Multan districts	approved & Completed
950	HEC	Dr. Adeem Mehmood/ Dr. Faheem Shah New PI	Chemistry	Abbottabad	Synthesis of Primary Carbonates As Key Synthetic Precursors for Highly Asymmetric Functionalization	Approved & completed
951	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Quantification of Phosphorus budget at farm scale. Inflows, outflows and their relative importance in cotton-wheat growing region of Vehari	Approved & completed
952	HEC	Dr. Guftaar Ahmad Sardar Sidhu	Electrical Engineering	Islamabad	Development of optimal resources allocation techniques for Cognitive radio relay networks	Approved & completed
953	HEC	Dr. Umar Farooq	Chemistry	Abbottabad	Bioactivity guided isolation of secondary metabolites from some selected medicinal plants of genera polygonum & fragaria	Approved & completed

954	HEC	Dr. Muhammad Farooq (old PI), Dr. Said Muhammad (New PI)	Earth Sciences	Abbottabad	Pollution assessment of landfill sites in the Hattar industrial estate (HIE) using integrated geophysical techniques	Approved & Completed
955	HEC	Mr. Muhammad Jamil Aslam	Physics	Islamabad	Non-leptonic mesonic and bayonic decays	Approved & Completed
956	HEC	Dr. Nasro Min Allah	Computer Science	Islamabad	Development of cloud computing thematic research and educational program PPCR	Approved & Completed
957	HEC	Dr.Mansoor Ikram	Centre for Quantum Physics	Islamabad	Precision Communication with Entanglement Amplifier. POCR	Approved & Completed
958	HEC	Dr. Saleem Asghar, Dean, F/o Sciences, CIIT Islamabad	Mathimatics	Islamabad	Energy Consideration in Fluid Mechanics" POCR	Approved & Completed
959	HEC	Dr. Abdullah Shah	Mathimatics	Islamabad	Numerical methods for incompressible multiphase flows problems PPCR	Approved & Completed
960	HEC	Dr. Ishtiaq Ali	Mathimatics	Islamabad	Modeling and Simulation of Chemical Engineering process using spectral methods PPCR	Approved & Completed
961	HEC	Dr. Arshad Pervez	Life Sciences Service Center	Abbottabad	Grant for maintenance of scientific equipments	Approved & Completed
962	HEC	Dr. Farah Mustafa	Biosciences	Islamabad	Establishment of a Functional Tissue Culture Facility for the Study of Retroviruses and Retroviral- Induced Disease in Pakistan.	Approved & Completed
963	HEC	Dr. Habib Ali Bokhari	Biosciences	Islamabad	Grant for maintenance of scientific equipments	Approved & Completed
964	HEC	Dr. M. Asmatullah Khan	Electrical Engineering	Islamabad	Face Recognition using Directional Filter Bank.	Approved & Completed
965	HEC	Dr. Nasrullah Khan	Electrical Engineering	Islamabad	Minimum Ignition Energy Study of Combust Fuel Gases.	Approved & Completed
966	HEC	Dr Yashar Huseynaliyev	Physics	Islamabad	"Search for New Phases of Strongly Interacting Matter.	Approved & Completed
967	HEC	Dr. Arshad Saleem Bhatti	Physics	Islamabad	Growth and Characterization of Magnetic and Semiconductor Nano Particle	Approved & Completed
968	HEC	Dr. Majid Hassan Khattak	Mathimatics	Lahore	Suggesting Appropriate Method for Forecasting Electricity Demand".	Approved & Completed
969	HEC	Dr. Syed Sarfraz Hussain, Dr. Shahid Nadeem Chohan	Biosciences	Islamabad	Exploring the regulatory roles of microRNAs (iRNAs) in drought stress tolerance in triticum aestivum l	Approved & Completed
970	HEC	Dr. Ilham Shahmuradov	Biosciences	Islamabad	Setting up of Bioinformatics Research at the Department of Biosciences.	Approved & Completed
971	HEC	Dr. Mohammad Arshad Rafiq	Biosciences	Islamabad	Characterization of Loci Responsible for Inherited Eye Anomalies in Families of Pakistan.	Approved & Completed
972	HEC	Dr. Ilham Ayub Shahmuradov	Biosciences	Islamabad	Comparative computer analysis of promoter architecture and expressionpatterns of plant genes	Approved & Completed
973	HEC	Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Cloning and expression of human enzymes in escherichia coli, and developent of high-throughput capillary electrophoresis and microchip based nano test system for analysis of inhibitors	Approved & Completed
974	HEC	Dr. Abdalla Mohammed Jama	Biosciences	Islamabad	RNA Interference (SIRNA) as a Treatment for HIV AIDS.	Approved & Completed

975	HEC	Dr. Nazar Abbas Shah	Physics	Islamabad	Fabrication & Characterization of II-VI Semiconductors Thin Films	Approved & Completed
976	HEC	Dr. Rani Faryal	Biosciences	Islamabad	Studies on Transmission Mechanism of Antibiotic Resistance from Poultry to Human Population	Approved & Completed
977	HEC	Dr. Abdur Rashid	Physics	Lahore	Convergence of Fourier Spectral Method for Resonant Long-short Nonlinear Wave Interaction.	Approved & Completed
978	HEC	Dr. Talat Afza	Management Sciences	Lahore	Women Entrepreneurship: The Tool for Sustainable development of Remote Areas.	Approved & Completed
979	HEC	Dr. Rubina Farooq	Chemical Engineering	Abbottabad	Removal of Heavy Metals from Waste Water by Sono Electrolysis Process.	Approved & Completed
980	HEC	Dr. M. Asmatullah Khan	Electrical Engineering	Islamabad	Signature Verification using Velocity-based Directional Filter Bank.	Approved & Completed
981	HEC	Dr. Faiz M. Ishaq	Computer Science	Islamabad	CIIT Computational Cluster Research Project (CCCRP).	Approved & Completed
982	HEC	Dr. Ehsanullah Dr. Ahmed Shuja	Physics	Islamabad	Formation and characterization of ultra-shallow junctions for the future generations of CMOS nano-electronics	Approved & Completed
983	HEC	Ms. Asifa Ahmed	Biosciences	Islamabad	Differential Proteomic Analysis of Human Ocular Fluids.	Approved & Completed
984	HEC	Dr. Qaisar Abbas	Management Sciences	Islamabad	Endogenous Growth and Human Capital In Pakistan.	Approved & Completed
985	HEC	Dr. Raheel Qamar	Biosciences	Islamabad	Mapping the Genes Responsible for Autosomal Recessive Retinitis Pigmentosa	Approved & Completed
986	HEC	Dr. Muhammad Aslam Noor	Mathimatics	Islamabad	Numerical Techniques for Variational Inequalities and equilibrium Problems under startup Research Grant for Faculty Hired under Foreign Faculty program.	Approved & Completed
987	HEC	Dr. Khalida Inayat Noor	Mathimatics	Islamabad	Some Recent Development in Geometric Function theory, under Startup Research Grant for Faculty Hired Under Foreign Faculty Program.	Approved & Completed
988	HEC	Dr. S. Habib Bokhari	Biosciences	Islamabad	Joint COMSATS Institute of Information Technology-George Mason University Initiative in Bio-Informatics POCR	Approved & Completed
989	HEC	Dr. Shahid Nadeem Chohan	Biosciences	Islamabad	A study of the Incidence and the extent of the spread of citrus greening in Pakistan using DNA Hybridization and PCR Amplification.	Approved & Completed
990	HEC	Dr. Nasir Mehmood	Chemical Engineering	Lahore	Investigation on the Synthesis, characterization and application of thermoplastic polyurethane elastomers.	Approved & Completed
991	HEC	Dr. Arshad Saleem Bhatti	Physics	Islamabad	Nuclear Radiation and its use as A Cure for Health PPCR	Approved & Completed
992	HEC	Dr. Romana Aziz	Computer Science	Islamabad	Risk Assessment and Decision Analysis using Casual Modeling POCR.	Approved & Completed
993	HEC	Dr. M. Shoaib Shahid	Management Sciences	Islamabad	Impact of Level of self esteem and Instructor Role in Teaching and classroom Interaction during the Process of Psycho-social and academic development studies of CIIT.	Approved & Completed

994	HEC	Dr. Umar Farooq	Environmental Sciences	Abbottabad	Isolation structure elucidation and biological activity of some medical plants belonging to the family lamiaceae and compositae	Approved & Completed
995	HEC	Dr. Mohsin Jamil Butt	Meteorology	Islamabad	Snow Estimation in Pakistan for the Assessment of water resources using Remote Sensing Data.	Approved & Completed
996	HEC	Dr. Qamar Javed	Biosciences	Islamabad	Research Support Program for Active Scientists and Technologists of Pakistan	Approved & Completed
997	HEC	Dr. Mohammad Adnan Khattak CIIT Wah	Computer Science	Wah	Collaboration for Non-invasive cardiovascular research and development Between CIIT AFIC and Cardiff University, Hospital Cardiff Under POCR	Approved & Completed
998	HEC	Dr. Shahid Nadeem Chohan	Biosciences	Islamabad	The distribution of huanglongbing (A disease of citrus plants) and its seasonal variations in Pakistan	Approved & Completed
999	HEC	Dr Mais Suleymanov	Physics	Islamabad	Study of Properties of Nuclear Matter Under Extreme Conditions.	Approved & Completed
1000	HEC	Dr. Sadia Manzoor	Physics	Islamabad	Institutional strengthening an upgradation of library and laboratory	Approved & Completed
1001	HEC	Mr. Nafees ud Din	Library	Abbottabad	Institutional strengthening an upgradation of library and laboratory	Approved & Completed
1002	HEC	Dr. Zahid Saleem	Electrical Engineering	Wah	Strengthening the R & D section of the communication engineering laboratory at the computer engineering dept. CIIT Wah	Approved & Completed
1003	HEC	Dr. Raheel Qamar	Biosciences	Islamabad	Institutional strengthening and upgradation laboratories and libraries department of Biosciences	Approved & Completed
1004	HEC	Mr. Manzar Abbas	Physics	Islamabad	Institutional strengthening an upgradation of library and laboratory	Approved & Completed
1005	HEC	Dr. Arshad Saleem Bhatti	Physics	Islamabad	Growth and Characterization of Semi Conductor and Magnetic Nanocrystals Using Buffer Layer Assisted Growth (ICRIG) POCR	Approved & Completed
1006	HEC & Industry	Dr. Muhammad Yar'	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Converting inexpensive indigenous chitosan to high Value Commercial Pro-angiogenic tissue engineered skin grafts for burn patients	Approved & Completed
1007	HEC & Industry	Dr. Akhtar Hayat'	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Implementation of field portable prototype as an early warning system for on-site screening of food products in agriculture industry)	Approved & Completed
1008	HEC & Pak US	Dr. Sadia Manzoor	Physics	Islamabad	Study of Magnetic materials for Hyperthermia treatment of cancer	Approved & completed
1009	International Foundation for Science	Dr. Farha Masood	Biosciences	Islamabad	Synthesis and characterization of biodegradable nanocomposites for commercial food packaging application	Approved & completed
1010	International Foundation for Science	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Bio-Control of Macrophomina Phaseolina Causing Charcol Rot in Oil Seed Crops by Using Plant Growth Promoting Rhizobacteria (PGPR)	Approved & Completed
1011	International foundation for Science	Dr. Muhammad Azeem	Chemistry	Abbottabad	Bioactive molecules from Pakistani flora for the ecological control of Aedes mosquitoes	Approved & Completed

1012	International Foundation for Science	Dr. Sadia Sattar	Biosciences	Islamabad	To test the therapeutic potential of lytic bacteriophages for cure of multiple drug resistant pathogenic E coli strains of poultry origin alternative to antibiotics	Approved & Completed
1013	National Engineering & Scientific Commission (NESCOM)	Dr. M. Rashid Mukhtar	Computer Science	Islamabad	Development of software for implementation of cmmi model ver 2.0 software engineering	Approved & Completed
1014	National Engineering & Scientific Commission (NESCOM)	DR. Irfan Ullah	Electrical and Computer Engin	Abbottabad	Designing a compact size wideband circularly polarized antenna * band application	Approved & Completed
1015	National Engineering & Scientific Commission (NESCOM)	Muhammad Faisal Siddiqui/ Dr. Fasihuddin Butt	Electrical and Computer Engin	Islamabad	Implementation of hardware efficient qc ldpc codes for dvb s2 over sdr2 codes	Approved & Completed
1016	National Engineering and Scientific Commission	Dr. Muhammad Sharif	Computer Science	Wah	Quantum image processing based image classification and recognition	Approved & Completed
1017	National Engineering and Scientific Commission (NESCOM)	Dr. Khurram Shehzad	Electrical & Computer Engineering	Islamabad	Design and Development of a Wideband and low Noise Pre-Amplifier having Ajustable Gain	Approved & Completed
1018	National Engineering and Scientific Commission (NESCOM)	Dr. Irfan Ullah	Electrical and Computer Engin	Abbottabad	Design of Antenna Array for C-Band FMCW Radar	Approved & Completed
1019	National Engineering and Scientific Commission (NESCOM)	Dr. Irfan Ullah	Electrical and Computer Engin	Abbottabad	Element Failure Correction in Activ Electronically Scanned Array(AESA) Radars	Approved & Completed
1020	National Engineering and Scientific Commission (NESCOM)	Prof.Dr. Farhan Shafie	Electrical and Computer Engin	Islamabad	Spatial Filters on Glass Substrate for EMI Shielding in C&S Bands	Approved & Completed
1021	National Engineering and Scientific Commission (NESCOM)	Dr. Ahsan Ilahi	Physics	Islamabad	Real Time North finding using Star Imaging in-combination with Star Catalogue	Approved & Completed
1022	National Engineering and Scientific Commission (NESCOM)	Dr. Laheeq Riaz	Electrical and Computer Engin	Islamabad	SIW Cavity Resonator Based Diplexer for Modern Communication System	Approved & Completed
1023	NESCOM	Dr. Nadia Nawaz Qadri	Electrical Engineering	Wah	Flight route optimization algorithms for commercial arifrafts software/ algorithm design	Approved & completed
1024	NESCOM	Dr. Adeel Mehmood	Electrical Engineering	Islamabad	Front end circuit design to integrate sami-active laser quadrant detector with deigital signal controller	Approved & Completed
1025	NESCOM	Dr. Naveed ur Rehman	Electrical Engineering	Islamabad	Target detection in sea clutter forairborne radar	Approved & Completed
1026	NESCOM	Dr. Naveed ur Rehman	Electrical Engineering	Islamabad	Adoptive MTI for suppressionof volumetric clutter	Approved & Completed
1027	NESCOM	Dr. Hammad Omer	Electrical Engineering	Islamabad	FPGA Implementation of large complex floating point matrix inversion techique using high level synthesis features provided by Xilinx	Approved & Completed
1028	NESCOM	Dr. Muhammad Rafi Raza	Mechanical Engineering	Sahiwal	Optimization of sintering parameters for enhanced mechanical properties of alloy steel joint research project between comsats and nescom	Approved & Completed

1029	NESCOM	Dr. Muhammad Rafi Raza	Mechanical Engineering	Sahiwal	Development of intumescent fire retardant coating (IFRC) for structural applications	Approved & Completed
1030	NESCOM	Dr. Irfan Ullah	Electrical Engineering	Abbottabad	Development of RCS computation software	Approved & Completed
1031	NESCOM	Dr. Ahsan Illahi	Physics	Islamabad	Design and development of magnetic levitation system	Approved & Completed
1032	NESCOM	Dr. Ahsan Illahi	Physics	Islamabad	Design and development of electromagnetic railgun	Approved & Completed
1033	NESCOM	Dr. Muhammad Awais	Electrical Engineering	Wah	FPGA based microprocessor customization for evaluation as general purpose/embedded secure computing platform	Approved & Completed
1034	NESCOM	Dr. Nadia Nawaz	Electrical Engineering	Wah	Porting of open CPN/Falcon view on embedded platform for evaluation as real -time navigation aid/mission planning	Approved & Completed
1035	NESCOM	Dr. Zahoor ud Din/ Dr. Faisal Azam	Electrical and Computer Engin	Wah	Back Agitating telemetry Interface Network (Batin)	Approved & Completed
1036	NESCOM	Dr. Syed Bilal Javed	Electrical Engineering	Islamabad	Design and development of Low noise, high Q Pre-amplifier	Approved & Completed
1037	NESCOM	Dr. Muhammad Rafi Raza	Chemical Engineering	Sahiwal	To investigate the effect of additivte addition on densification and corrosion resistance of 316L stainless steel for various application	Approved & Completed
1038	NESCOM Islamabad	Dr. Zulfiqar Ali	Chemical Engineering	Lahore	High damping rubber composites (HDRCs) for virbration dampers	Approved & Completed
1039	NESCOM Islamabad	Dr. Zulfiqar Ali	Chemical Engineering	Lahore	Highly stretchable conductive elastomers (HSCEs) for stretchable electronics	Approved & Completed
1040	Pakistan Academy of Science	Dr. Muhammad Zaffar Hashmi	Chemistry	Islamabad	Mechanism for synergic removal of antibiotic and arg in livestock wastewater using laccase immobilized by composited/modified graphene oxide materials	Approved & Completed
1041	Pakistan Agriculture Reserch Council	Dr. Saeed Ahmad Asad	Centre for Climate Research and Development (CCRD)	Islamabad	Mitigation strategies foe enhanced soybean production under changing climate scenarios in the pothwar and khyber Pakhtunkhwa	Approved & Completed
1042	Pakistan Agriculture Reserch Council	Prof. Dr. Fauzia Yusuf Hafeez (T.I)/ Dr. Ayesha Tahir (new PI)	Biosciences	Islamabad	Use of Rhizobium spp to enhance the nutritional value and yield of lentil genetic resources.	Approved & Completed
1043	Pakistan Science Foundation	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	Development of protocol for long reads haplotyping in hexaploid wheat using PacBio circular consensus sequencing	Approved & Completed
1044	Pakistan Science Foundation	Dr. Naeem Akhtar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Fabrication of highly sensitive and selective electrochemiluminescence biosensor for precise monitoring of dopamine form nerve cells	Approved & Completed
1045	Pakistan Science Foundation	Dr. Akhtar Hayat	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Portable paper based nanostrucyured sensor for non-enzymatic detection of pesticides in agricultural products	Approved & Completed
1046	Pakistan Science Foundation	Dr. Romana Khan	Environmental Sciences	Abbottabad	Co2 caputre and utilization from thermal power plants using nanomaterials	Approved & Completed
1047	Pakistan Science Foundation	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Biological Control of Blast & Banana Diseases of Rice by Using Improved Formulation of Native Bioantagonists	Approved & completed

1048	Pakistan Science Foundation	Dr. Fauzia yousaf Hafeez	Biosciences	Islamabad	Field Evaluation of Biopesticides/ Boinoculants for Red Rot (Colletotrichum Falcatum Want) suppression and enhanced sugarcane(saccharum officinarum L) production	Approved & completed
1049	Pakistan Science Foundation	Dr. Abdul Samad Khan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Synthesis of Carbon Nanotubes and Carbonated Hydroxyapatite Composites	Approved & Completed
1050	Pakistan Science Foundation	Dr. Maroof Shah	Environmental Sciences	Abbottabad	Wheat improvement by the use of wheat using targeted genomic approaches	Approved & completed
1051	Pakistan Science Foundation	Dr. Syed Habib Bokhari	Biosciences	Islamabad	"Epidemiological Investigation of Pertussis Infection in Pakistan by studying. the Distribution of PTX, PRN + FIM alleles.	Approved & Completed
1052	Pakistan Science Foundation	Dr. Raheel Qamar	Biosciences	Islamabad	" Assessment of Genetic Risk Factors of Glaucoma"	Approved & Completed
1053	Pakistan Science Foundation	Dr. Mohsin Riaz	CAST	Islamabad	Machine vision system for visually impaired people	Approved & COMpleted
1054	Pakistan Science Foundation	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Synthesis of chemically modified polymeric membranes for biogas purification and natural gas sweetening	Approved & Completed
1055	Pakistan Science Foundation	Dr. Aqif Anwar Ch.	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Next Generation Granular Bio-medical Ceramics for Rapid Bone defect repair'	Approved & completed
1056	Pakistan Science Foundation	Dr. Habib Bokhari	Biosciences	Islamabad	Developing protocols for multiplex PCR based screening and computational models for virulene factors associated with H.pylori and colibactin (genotoxin) producing E. coli	Approved & completed
1057	Pakistan Science Foundation	Dr. Syed Rameez Naqvi	Electrical Engineering	Wah	Evaluating the Performance and power Effectiveness of Asynchronous processor customized for Many-Core Systems	Approved & completed
1058	Pakistan Science Foundation	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of durable anion exchange membranes for solid alkaline fuel cells and prototype assembly	Approved & completed
1059	Pakistan Science Foundation	Dr. Asma Tufail/ Dr. Farasat Iqbal (New PI)	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Development of mechanicall reinforced silica based bioactive glass (SiO2-CaO-P2O5) polymer composites for potential application in osteochondral defect site	Approved & Completed
1060	Pakistan Science Foundation	Dr. Kalim Ullah	Meteorology	Islamabad	Mechanism and prediction method of the torrential rainfall over the West China and Northern Pakitan?	Approved & Completed
1061	Pakistan Science Foundation	Dr. Ishtiaq Jadoon	Earth Sciences	Abbottabad	The behaviors of Indian lithospheric mantle beneath the western Hmalayan syntaxis	Approved & Completed
1062	Pakistan Science Foundation	Dr. Usman Latif	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Label free, non invasive biomimetic sensor for detecting ORAL cancer	Approved & Completed
1063	Pakistan Science Foundation	Dr. Awais Ali	Physics	Islamabad	Manufacturing a multifunctional sensor based on doped zinc oxide nanorod array for UV light and gas sensing	Approved & COMpleted
1064	Pakistan Science Foundation	Dr. Arsalan Ahmad	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Fabrication of bio-mimie photosensitive thin film for efficient tissue adhesion	Approved & Completed

1065	Pakistan Science Foundation	Dr. Muhammad Junaid Amjad	Physics	Lahore	Investgating the effect of different plasmonic structure geometries on upconversion efficiency enhancement of redoped metallic nanoparticles reucnps	Approved & Completed
1066	Pakistan Science Foundation	Dr. Jabir Hussain Syed	Meteorology	Islamabad	Investigation of selected persistent organic pollutants (PoPs) and heavy metals pollution from E-waste processing facilities	Approved & Completed
1067	Pakistan Science Foundation	Dr. Sobia Baig	Electrical Engineering	Lahore	Implementation and testing of microgrid in rural communities with maximum penetration of renewable energy resources in Pakistan	Approved & Completed
1068	Pakistan Science Foundation	Dr. Muhammad Nasir	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Design and fabrication of high efficient photocatalytic materials for the applications of hydrogen evolution from water splitting	Approved & Completed
1069	Pakistan Science Foundation	Dr. Sohail Anjum Shahzad	Chemistry	Abbottabad	Development of next generation explosive sensing technology and key products based on unique fluorescent materials	Approved & Completed
1070	Pakistan Science Foundation	Muhammad Saeed	Biosciences	Islamabad	Production and comercialization of DNA purification Kit	Approved & Completed
1071	Pakistan Science Foundation	Dr. Muhammad Yar	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Preparation of cost effective synthetic skin grafts for the treatment of burns and chronic ulcer wounds: bioactivity directed investigation of angiogenic and cell-migration potentials of plant extracts.	Approved & Completed
1072	PAK-United States	Dr. Sana Shuja	Electrical Engineering	Islamabad	Formal verification methodologies and tools to ensure safety of contr software used in infusion	Approved & Completed
1073	Pak-US Science & Technology Cooperation Program	Dr. Asad Ullah Khan	Chemical Engineering	Lahore	A sustainable point-of-use filtration unit for treating pesticide contaminated groundwater	Approved & completed
1074	PAS	Dr. Raheel Qamar	Biosciences	Islamabad	Genetic Analysis of Retinitis Pigmentosa in Pakistani Population	Approved & Completed
1075	PAS	Dr. Raheel Qamar	Biosciences	Islamabad	Genetic Association Studies of Bladder Cancer Patients	Approved & Completed
1076	UBIOME, INC California USA (Industry)	Dr. Arshan Nasir/ Dr. Syed Tahir Abbas Shah (new PI)	Biosciences	Islamabad	Characterization of the gastrointestinal, oral, and skin microbiota in healthy Pakistani adults: A metagenomic and microbiome-centric approach towards next generation antimicrobial therapies	Approved & Completed
1077	UNDP	Dr. Amir Haider Malik, Dr. Toqeer Ahmed, Dr. Saeed Ahmad Asad,	Centre for Climate Research and Development (CCRD)	Islamabad	The vulnerability of Pakistan's water sector to the impacts of climate change: identification of gaps and recommendations for action	Approved & Completed
1078	HEC	Dr. Amir Haider Malik	Meteorology	Islamabad	50 Years of Environmentally Sustainable Urban Development of Islamabad	Approved, Completed & Settled
1079	CDKN Climate & Development Knowledge Network	Dr. Seeme Mallick/ Dr. Khalid Riaz new PI, Dr. Anjum Rashid & Dr. Mohsin Raza team members	Meteorology	Islamabad	Pakistan low carbon scenario analysis	Approved, Completed & Settled
1080	HEC	Dr. Abdur Rehman (New PI) / Dr. Amir Waseem	Chemistry	Abbottabad	Mycotoxins Determination in Commercially Important Commodities using Flow Injection Chemiluminescence Detection System	Approved, Completed & Settled

1081	HEC	Dr. Arslan Usman	Physics	Lahore	Syenthesis and Characterization of Silver nanoparticles by Chemical Reduction Method	Approved, Completed & Settled
1082	HEC	Dr. Ather Farooq Khan	Chemistry	Lahore	Development of Azole Based Potential Protein Kinase Inhibitors	Approved, Completed & Settled
1083	HEC	Dr. Raheel Qamar	Biosciences	Islamabad	"The Molecular Basis of Familial High Blood Cholesterol in select Families.	Approved, Completed & Settled
1084	HEC	Dr. Farida Tahir	Physics	Islamabad	Phenomenological status of R-Parity violating supersymmetric standard model	Approved, Completed & Settled
1085	HEC	Dr. Syed Habib Ali Bokhari / Dr. Qaiser Fatmi (new PI)	Biosciences	Islamabad	Strengthening Biotechnology Industry in the Country: Developing an Educational tool kit for training undergraduate students as well as for Research purpose : Lab to Commercialization	Approved, Completed & Settled
1086	HEC	Dr. Umar Nishan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Cellular and histological study of the expression of proteins involved with skin regeneration following the applications of biomedical materials	Approved, Completed & Settled
1087	HEC	Dr. Sara Riaz	Chemical Engineering	Lahore	Graphene-hydroxyapatite-PAN electrospun nanofibers: Moving toward broad spectrum water filters	Approved, Completed & Settled
1088	HEC	Dr. Muhammad Farhan Saeed	Environmental Sciences	Vehari	Farmers knowledge and perceptions regarding storage of Sowing Seed health of cotton and Wheat	Approved, Completed & Settled
1089	HEC	Dr Syed Majid Bukhari	Chemistry	Abbottabad	Antioxidant Capacity Evaluation, Isolation and Structure Elucidation of Bioactive Compounds from Medicinal Plants	Approved, Completed & Settled
1090	HEC	Dr. Qaiser Fatmi	Biosciences	Islamabad	Battle Against Cancer: In Silico Discovery of Potential Tyrosine Kinase Inhibitors	Approved, Completed & Settled
1091	HEC	Dr. Farida Tahir	Physics	Islamabad	Neutrino: Strong Aspirant for Unveiling Universe	Approved, Completed & Settled
1092	HEC	Dr. Imran Ahmed	Mathematics	Lahore	Analytic and Topological Invariants of Singularities	Approved, Completed & Settled
1093	HEC	Dr. Athar Farooq Khan	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Freeze-Dried Biopolymer/Ceramic Scaffolds for Bone Regeneration	Approved, Completed & Settled
1094	HEC	Dr. Nasrullah Khan	Electrical Engineering	Islamabad	Live load reduction on 11kV feeders using smart grid options	Approved, Completed & Settled
1095	HEC	Dr. Amjad Masood	Management Sciences	Vehari	Adoption of food safety standards in developing countries: A case of globalGAP adoption by horticultural farmers in Pakistan	Approved, Completed & Settled
1096	HEC	Dr. Ghulam Mujtaba	Management Sciences	Wah	Volatile Oil Prices and its Dynamics Comparative Analysis of US and Pakistan	Approved, Completed & Settled
1097	HEC	Dr. Rumana Keyani	Biosciences	Islamabad	Novel Members of the Thioredoxin Superfamily Regulate Plant Immune Responses	Approved, Completed & Settled
1098	HEC	Dr. Akbar Ali	Physics	Lahore	Synthesis and characterization of magnetic nanoparticles and their medical applications	Approved, Completed & Settled
1099	HEC	Dr. Uzma Khalique/ Dr. Zahid Imran (new PI)	Physics	Islamabad	Shared mobile library for schools	Approved, Completed & Settled

1100	HEC	Mr. Kamil Ahmed Qureshi	Earth Sciences	Abbottabad	Access to scientific instrumentation	Approved, Completed & Settled
1101	HEC	Mr. Hasnain Haider	Biosciences	Islamabad	Access to scientific instrumentation	Approved, Completed & Settled
1102	HEC	Faiza Nawaz	Electrical Engineering	Attock	Integration of Wireless Sensor Network (WSN) with Radio Frequency Identification (RFID) for remote pipeline monitoring	Approved, Completed & Settled
1103	HEC	Dr. Bibi Saima Zeb	Environmental Sciences	Abbottabad	Biodegradation of plastic by algae	Approved, Completed & Settled
1104	HEC	Dr. Muhammad Ali	Electrical Engineering	Abbottabad	Isolation and identification antibacterial compounds producing bacterial strains from soil	Approved, Completed & Settled
1105	HEC	Dr. Aqila Shaheen	Mathimatics	Lahore	Physiological breakdown on jaffrey fluid models parameters for fluid flow	Approved, Completed & Settled
1106	HEC	Dr. Imran Ahmed	Mathimatics	Lahore	Classification of Determinantal singularities	Approved, Completed & Settled
1107	HEC	Dr. Muhammad Yousaf	Mathimatics	Lahore	Emergence and disappearance of persistent activity states in the two population neuronal field model for different types of external inputs.	Approved, Completed & Settled
1108	HEC	Dr. Rab Nawaz	Mathimatics	Islamabad	Study of multi furcated waveguide structures with non-planar surfaces	Approved, Completed & Settled
1109	HEC	Dr. Haroon Ahmad	Biosciences	Islamabad	Clinical management of cystic echinococcosis	Approved, Completed & Settled
1110	HEC	Dr. Syeda Sitwat Batool/ Dr. Arshad Saleem Bhatti (new PI)	Physics	Islamabad	Surface modification of graphene based metal oxide nanofibers for improved electrical and photocatalytic application	Approved, Completed & Settled
1111	HEC	Dr Saqib Mumtaz	Biosciences	Islamabad	Development of dual purpose bacterial consortium for the biofertilization and bioremediation of waste water irrigated agricultural fields	Approved, Completed & Settled
1112	HEC	Malik Nadeem Akhtar	Biosciences	Islamabad	Development of an Improved Open Modification Search Workflow to Identify Protein Signatures in Tandem Mass Spectrometry Experiments for the Breast Cancer Diagnosis and Therapy	Approved, Completed & Settled
1113	HEC	Dr. Murid Hussain	Chemical Engineering	Lahore	Pilot plant for development of bio-degradable laundry liquid detergent and washer liquid detergents according to europen standards	Approved, Completed & Settled
1114	HEC	Dr. Bushra Pervaiz	Management Sciences	Lahore	Estimation and validation of adapted household food insecurity access scale in Punjab Pakistan	Approved, Completed & Settled
1115	HEC	Dr. Junaid Shuja	Computer Science	Abbottabad	Establishment of mobile cloud computing lab	Approved, Completed & Settled
1116	HEC	Dr. Ghulam Farid	Mathimatics	Attock	Integral Inequalities in Fractional Calculus	Approved, Completed & Settled
1117	HEC	Dr. Khurram Shahzad Mughal / Dr. Yasir Tariq Mohmand (New PI)	Management Sciences	Islamabad	Quality , Equity and Accountability in Education Delivery, its importance, levels, and understanding: A Hedonic Pricing Model Giving Evidence from Pakistan	Approved, Completed & Settled

1118	HEC	Dr. Wajiha Manzoor	Management Sciences	Lahore	A study of bilateral Trade-FDI nexus of Pakistan with trading partners by using gravity model: Does Trade agreements matter	Approved, Completed & Settled
1119	HEC	Dr. Aamir Sanaullah	Statistics	Lahore	Estimation of population mean with Non-response using follow-up: On extension of hansen-Hurwitz (1946)	Approved, Completed & Settled
1120	HEC	Dr. Saima Gulzar Ahmad	Computer Science	Wah	A framework for optimizing energy in the execution of data intensive applications in heterogeneous computing system	Approved, Completed & Settled
1121	HEC	Syed Muhammad Amir	Development Studies	Abbottabad	Factors affecting dopptinof solar panels in Khyber Pakhtunkhwa, Province, Pakistan	Approved, Completed & Settled
1122	HEC	Dr. Masoom Alam	Computer Science	Islamabad	Cyber threat intelligence platform (CTIP)	Approved, Completed & Settled
1123	HEC	Dr. Fariha Rehman	Management Sciences	Lahore	Analisis of the farmer field school (FFS) as an extension approach to enhance the agricultural productivity in Punjab, Pakistan	Approved, Completed & Settled
1124	HEC	Dr Ishrat Mahjabeen	Biosciences	Islamabad	Characterization of Mitochondrial Sirtuins as Regulator of Oncometabolism in Gastric Cancer	Approved, Completed & Settled
1125	HEC	Dr. Muhammad Shahzad	Environmental Sciences	Abbottabad	Comparative Study of Leaf Apoplastic Na ⁺ and Growth-Related Proteins in Maize Leaves under Actual Saline Environment	Approved, Completed & Settled
1126	HEC	Shahzad Ali Malik	Electrical Engineering	Islamabad	Design and develop of efficeint techniques for optimal radio spectrum utilisaiton and mobility in cognitive radio (CR based 5G communication systems	Approved, Completed & Settled
1127	HEC	Dr Muhammad Yar	Interdisciplinary Research Cen	Lahore	DESIGN AND FABRICATION OF PRO-ANGIOGENIC AFFORDABLE SYNTHETIC SKIN SUBSTITUTES FOR BURN PATIENTS	Approved, Completed & Settled
1128	HEC	Naima Amin	Physics	Lahore	Dosimetry in Body Tissue Equivalent Phantom at different energies of Photon Beam for Conformal Radiation Therapy	Approved, Completed & Settled
1129	HEC	Dr. Sana Sabahat	Physics	Islamabad	ENERGY CAPABILITY ENHANCEMENT OF SOLID-OXIDE FUEL CELLS (SOFC) – REALIZATION OF A COMPLETE PROTOTYPE SOFC FOR COMMERCIALIZABE PURPOSES	Approved, Completed & Settled
1130	HEC	Dr. Hafiz Muhammad Rashad Javeed	Environmental Sciences	Vehari	Exploring the feeding values of maize and sorghum fodder for ruminants to improve feed evaluation system under saline conditions of Punjab, Pakistan	Approved, Completed & Settled
1131	HEC	Dr. Adnan Iftikhar	Electrical Engineering	Islamabad	HIGHLY COMPACT MULTILAYER ANTENNA ARRAYS FOR MICROWAVE APPLICATIONS	Approved, Completed & Settled
1132	HEC	Dr. Umesalma Amjad	Chemical Engineering	Lahore	Hydrogen Rich Gas Generation from Waste Plastic Phase II: Comparing Energy Efficiency and Kinetics of Reforming & Pyrolysis Process	Approved, Completed & Settled
1133	HEC	Dr. Abdul Rehman Khan	Environmental Sciences	Abbottabad	Induction of transgenerational epigenetic variations for the drought tolerant tomato production	Approved, Completed & Settled

1134	HEC	Muhammad Ali	Environmental Sciences	Abbottabad	ISOLATION AND CHARACTERIZATION OF NOVEL BACTERIAL STRAIN AND ITS USE IN SEED PRIMING FOR PROTECTION OF TOMATO AGAINST NEMATODE DAMAGE	Approved, Completed & Settled
1135	HEC	Nosheen Akbar	Physics	Lahore	Refitting the Quark Model Parameters After Incorporating Hadron Loops	Approved, Completed & Settled
1136	HEC	Dr. Khizar Hussain Shah	Chemistry	Abbottabad	SYNTHESIS, CHARACTERIZATION AND ABSORPTION PROPERTIES OF NANOPARTICLES SUPPORTED NATURAL CLAYS FOR WATER DECONTAMINATION	Approved, Completed & Settled
1137	HEC	Fakhar ul Inam	Physics	Islamabad	THEORETICAL STUDY OF STRAINED AND AMORPHOUS LAYERED SEMICONDUCTORS FOR ENERGY APPLICATIONS	Approved, Completed & Settled
1138	HEC	Dr. Farrukh Jamil	Biosciences	Sahiwal	Transforming food waste into commercializable polyhydroxyalkanoates	Approved, Completed & Settled
1139	HEC	Dr. Hafiz Muhammad Rashad Javeed	Environmental Sciences	Vehari	Agro-economic assessment of cotton gin waste compost in cotton-wheat cropping system of South Punjab-Pakistan	Approved, Completed & Settled
1140	HEC	Dr Abdul Mannan	Pharmacy	Abbottabad	Determination of signaling mechanism for more artemisinin production in Artemisia annua	Approved, Completed & Settled
1141	HEC	Dr. Abdullah Shah / Dr. Shamsul Islam	Mathimatics	Islamabad	Development of higher-order numerical methods with applications to multi-phase flows	Approved, Completed & Settled
1142	HEC	Dr. Sajid Hussain Shah	Environmental Sciences	ABBOTTABAD	Development of nano-structured inorganic membranes for water purification	Approved, Completed & Settled
1143	HEC	Maria Mustafa	Chemical Engineering	Lahore	Nanofabrication of organic light emitting diodes devices using ultrafast inkjet printing system	Approved, Completed & Settled
1144	HEC	Shams Ul Islam	Mathimatics	Islamabad	Numerical study of wake and thrust around multiple cylinders at moderate Reynolds numbers in various configurations	Approved, Completed & Settled
1145	HEC	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Production of Diagnostic Kits for Important Pathogens of Banana	Approved, Completed & Settled
1146	HEC	Dr. Noor Samad Shah	Environmental Sciences	Vehari	RECYCLING TEXTILE WASTEWATER THROUGH VISIBLE LIGHT DRIVEN TIO2 NANOSHEET WITH EXPOSED {001} FACET AND ITS REUSABILITY ASSESSMENT IN PAKISTANI TEXTILE INDUSTRIES	Approved, Completed & Settled
1147	HEC	Dr. Faisal Ahmed	Chemical Engineering	Lahore	Reduction of Nitrogen Oxides (NOx) from pulverized coal-fired boiler in a standard 500MW power plant using Artificial Intelligence and Optimization techniques	Approved, Completed & Settled
1148	HEC	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Unraveling arsenic transfer to humans from drinking well water and developing biosorbents to remediate arsenic-contaminated well water in South Punjab	Approved, Completed & Settled
1149	HEC	Dr. Abdul Hameed	Pharmacy	Abbottabad	The potential role of novel insulin secretagogue leads on NTPDase3 and phosphodiesterase in the regulation glucose dependent insulin secretion	Approved, Completed & Settled

1150	HEC	Dr. Muhammad Asif Rasheed	Biosciences	Sahiwal	Vaccine development for Newcastle disease virus in poultry	Approved, Completed & Settled
1151	HEC	Dr. Nasrullah Khan	Electrical Engineering	Islamabad	" Mitigation of Voltage Sags Using Solar Power Supply.	Approved, Completed & Settled
1152	HEC	Dr. Fauzia Yousaf Hafeez	Biosciences	Islamabad	New title (Identification and characterization of ACC deaminase (1-amino cyclopropane-a carboxylic acid deaminase) gene in plant specific growth promoting rhizobacteria) (Old title "Plant Stress ameliorating mechanisms by ACC deaminase gene activity of PGPR")	Approved, Completed & Settled
1153	HEC	Dr Sajjad Mohsin	Computer Science	Islamabad	High Performance Image Processing Using Genetic Algorithms on Auto-Local Balancing Symmetric Multi-Processing Platform.	Approved, Completed & Settled
1154	International Foundation for Science	Dr. Saadia Naseem	Biosciences	Islamabad	Use of bacteriophages as biological control agent Citrus Canker disease in Pakistan	Approved, Completed & Settled
1155	National Engineering and Scientific Commission (NESCOM)	Dr. M. Faisal Siddiqui	Electrical & Computer Engineering	Islamabad	Exploration and Implementation of Security Measures in FPGA based embedded System	Approved, Completed & Settled
1156	National ICT R&D	Dr. Muhammad Farhan Shafiq	Electrical Engineering	Islamabad	Dielectric characterization for agriculture and pharmaceutical application using microwave techniques	Approved, Completed & Settled
1157	Pakistan Science Foundation	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Proteome Alterations Associated with Banana Bunchy top Virus Infection in Banana	Approved, Completed & Settled
1158	Pak-Us Joint Research	Dr. Nasrullah Khan	Electrical Engineering	Islamabad	A Hybrid Solar Water Heating System Using Co2 As Working Fluid	Approved, Completed & Settled
1159	PAS	Prof.Dr. Saleem Asghar, D/o Mathematics, CIIT Islamabad	Mathimatics	Abbottabad	"Numerical Simulation for Flows Involving Viscoelastic Fluids" NRPV	Approved, Completed & Settled
1160	HEC	Mr. Muhammd Ali	Physics	Islamabad	Partial Support program for PhD Studies abroad	In Process
1161	COMSTECH-TWAS	Dr. Ghulam Abbas	Pharmaceutical Sciences	Abbottabad	Investigating in Silico Predicted pure compounds as Remedy for Post-Traumatic Stress Disorder: Targeting Epigenetics	In Process
1162	COMSTECH-TWAS	Dr. Muhammad Muddassar	Biosciences	Islamabad	Identification of CBX2 chromodomain inhibitors for its therapeutic target validation against breast cancer	In Process
1163	COMSTECH-TWAS	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Nanoreinforced Bacterial Cellulose Films As novel Wound Dressing system with Tissue Regeneration and Antimicrobial Properties	In Process
1164	COMSTECH-TWAS	Dr. Asia Nosheen	Biosciences	Islamabad	Exploring the Potential of oilseed crops for biodiesel production from remote areas of Southern Punjab	In Process
1165	COMSTECH-TWAS	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of Cost effective and Durable anion exchange membranes for Solid alkaline fuel cells application	In Process

1166	COMSTECH-TWAS	Dr. Atif Ali	Pharmaceutical Sciences	Abbottabad	Sebumetric and Mexametric Evaluation of Glutathione Loaded Nanoemulsion	In Process
1167	COMSTECH-TWAS	Dr. Nighat Fatima	Pharmaceutical Sciences	Abbottabad	Structural identification and drug designing of cytotoxic and anticancer compounds from endophytic fungi of indigenous plant of Pakistan	In Process
1168	COMSTECH-TWAS	Dr. Alamdar Hussain	Biosciences	Islamabad	Identification of Novel therapeutic small molecular inhibitor for T cell lymphoma causing oncogene ITK-SYK	In Process
1169	COMSTECH-TWAS	Dr. Faraz Arshad malik	Biosciences	Islamabad	Expression profiling of VEGFs as Potential Biomarkers for Early detection and Prognosis of Breast Cancer	In Process
1170	COMSTECH-TWAS	Dr. Mian Hasnain Nawaz	Chemistry	Lahore	Modification of Screen Printed carbon Electrodes via eletrospun nanofiber for Glucose sensing	In Process
1171	HEC	Dr. Sarfraz Nawaz	Mathematics	Wah	A Study on Geometric Properties of Special Functions	In Process
1172	HEC	Dr. Rumana Kayani	Biosciences	Islamabad	Novel members of the Thioredoxin superfamily regulate plant immune responses	In Process
1173	HEC	Mr. Omair Inam	Electrical Engineering	Islamabad	Design of high Performance and Low cost Hierarchical Interconnection Network for Muticore System-on-chip	In Process
1174	HEC	Mr. ArshadAli Uppal	Electrical Engineering	Islamabad	Model Based Control of Underground Coal Gasification	In Process
1175	HEC	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	Climate Change effect on Carbon and Nitrogen dynamics in Lower Himalayas by Adopting Crop Residue Mulching	In Process
1176	HEC	Dr. Afsar Khan	Chemistry	Abbottabad	Phytochemical Investigation and Biological Screenings on Lasminum Humile and Olea Ferruginea	In Process
1177	HEC	Dr. Syed Ali Musstijab akbher Shah Eqani	Biosciences	Islamabad	Predictive Risk mapping of Drinking Water Resources in The Indus Delta floodplains (Pakistan): Exposure estimation for As, Hg, Pb and Other Trace Metals	In Process
1178	HEC	Dr. Shazia Mannan	Biosciences	Sahiwal	Electricity Production With Living Plants And Bacteria in Order to Overcome Electricity Crisis in Pakistan	In Process
1179	HEC	Dr. Gulam Abbas	Mathematics	Sahiwal	Scalar Field Thin Collapse in General Relativity	In Process
1180	HEC	Dr. Bilal Ahmad Zafar Amin	Environmental Sciences	Abbottabad	Nanotechnology offer an Alternative to Fossil Fuels: Capitalization of The Enviromental and financial banafits of "BioFuels" by using nano-engineered enzymes to improve the cellulosic ethanol processes	In Process
1181	HEC	Dr. Imran Haider Naqvi	Center of Islamic Finance	Lahore	Measuring Progress of Implementing Manpower Export under Labor policy 2010	In Process
1182	HEC	Dr. Afsar Khan	Chemistry	Abbottabad	Photochemical Investigation and Biological Screenings on Jasminum Humile and Olea Ferruginea	In Process
1183	HEC	Dr. Muhammad Mohsin Raiz	CAST	Islamabad	Intelligent Transportation and Security System (ITSS)	In Process
1184	HEC	Dr. Zulfiqar Ahmad Bhatti	Environmental Sciences	Abbottabad	Benzene Exposure Assesment Through Different Processed Foods in Pakistan	In Process
1185	HEC	Dr. Romana Khan	Environmental Sciences	Abbottabad	Fabrication, Properties and Applications of Silver Deposited TiO2 Nanotubes	In Process
1186	HEC	Dr. Muhammad Arfat Yameen	Pharmaceutical Sciences	Abbottabad	Morphological Study of Zinc Oxide Nanoparticles and Their Cytotoxicity in Human Cell Lines	In Process

1187	HEC	Dr. Muhammad Ashfaq Ahmad	Physics	Lahore	Synthesis and Characterization of Quantum Dot Multijunction Solar Cell	In Process
1188	HEC	Dr. Arshad Jamal	IRCBM	Lahore	Development of Biomaterials-Assisted Stem Cell-Based Therapy for Diabetes in Pakistan	In Process
1189	HEC	Dr. Jibran Iqbal	IRCBM	Lahore	Development Of Novel Antibacterial Dental Restorative Materials: Prevent Secondary Caries	In Process
1190	HEC	Dr. Abdul Ghaffar	Meteorology	Islamabad	Impact Of Climate and Urbanization on Dengue Virus-Mosquito Interactions in Different Regions Of Pakistan	In Process
1191	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Food Security and Sustainable Agriculture: Assessment of Regional Phosphorus Flows In Cotton-Wheat Zone of Punjab-Pakistan	In Process
1192	HEC	Dr. Anila Asif	IRCBM	Lahore	Algebraic Characterization of Generalized Degree Sequences of Complex	In Process
1193	HEC	Dr. Imran Anwar	Mathematics	Lahore	Algebraic Characterization of Generalized Degree Sequences of Simplicial Complexes	In Process
1194	HEC	Dr. Fahim Qureshi	ORIC	Islamabad	Process Optimization For Biodiesel Production from Non-edible Oil Seed Crops with the Perspective To Its Practical Implication	In Process
1195	HEC	Dr. Syed Faisal Saeed	Meteorology	Islamabad	Development of high Resolution Regional Climate Change Scenarios for South-Asia for the Assasment of Extreme Events: With focus on Rainoff for Flood Managament in the Indus Basin	In Process
1196	HEC	Dr. Muhammad Awais	Mathematics	Attock	Transport Phenomenon in Peristaltic Flow with Different Wave Forms	In Process
1197	HEC	Dr. Sadia Siddiqa	Mathematics	Attock	Natural Convection Fluid Flow In Two Phase Dusty Medium	In Process
1198	HEC	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Low Cost Simultaneous Removal Of Arsenic and Iron from Drinking Water	In Process
1199	HEC	Dr. Muhammad Khan	Management Sciences	Lahore	Investigation Health Cost Of Dust Pollution in Textile Mills	In Process
1200	HEC	Dr. Sadullah Mir	Chemistry	Abbottabad	Detail Study of Photo-Oxidative Degradation of Polyofin and Its Potential Applications in Agriculture, Food and Packaging Industries	In Process
1201	HEC	Dr. Muhammad Akram Tariq	Biosciences	Sahiwal	The Association of Genetic Variants of the Renin Angiotensin Syatem With the Susceptibility of Diabetic Nephropathy in type 2 Diabetic Patients	In Process
1202	HEC	Dr. Kalim Ullah	Meteorology	Islamabad	A Study of some characteristics of Mesoscale Convective system During Monsoon in Pakistan	In Process
1203	HEC	Dr. Muhammad Atif	Chemistry	Abbottabad	Development of UV- Cured Polymer Composites with Improved Conductive Properties	In Process
1204	HEC	Dr. Gulam Abbas	Pharmaceutical Sciences	Abbottabad	Heterocyclic Compounds As Lead Molecules For Anti-Alzheimer's Therapy: Targeting Acetylcholinesterase and B-Secretase	In Process
1205	HEC	Dr. Fahim Qureshi	ORIC	Islamabad	Intergrated Microagal Engineering For Bioenergy and Environmental Remediation	In Process

1206	HEC	Dr.Sumaira Farrakh	Biosciences	Islamabad	Genetic diversity of puccinia stiiformis tritici (Cause of stripe rust) in Pakistan	In Process
1207	HEC	Dr. Zafar Iqbal	Chemistry	Abbottabad	NIR Responsive Phthalocyanine Photosensitizers for Targeted Photodynamic Therapy Against MCF7 Cancer cell line	In Process
1208	HEC	Dr. Ahmad Ali	Biosciences	Sahiwal	Strengthening of Bioinformatics Laboratory for Contemporary High Speed and Big Data Analysis for Academic and Research Purposes	In Process
1209	HEC (IPFP)	Dr. Iftikhar ahmad	Environmental Sciences	Vehari	Assessing Immobilization of Cadmium and lead in contaminated soil with biogas residues	In Process
1210	HEC (Thematic Research Grant Program)	Dr. Muhammad Zahid Iqbal	Management Sciences	Islamabad	Towards Performance Appraisal Reforms for Civil Servants in Pakistan	In Process
1211	HEC (Thematic Research Grant Program)	Dr. Anwar Khan	Management Sciences	Attock	A Study on Prevalence, Risk factors and Management of Post Traumatic Stress with Psychosocial Adjustment Disorders among Internally Displaced Persons of North Waziristan, Pakistan	In Process
1212	HEC (Thematic Research Grant Program)	Dr. Musarrat Jabeen	Development Studies	Abbottabad	National Strategy to Inanimate Corruption Culture Via Ethical Literacy	In Process
1213	HEC/IDB Post-Doctoral Studies	Dr. Jibran Iqbal	IRCBM	Lahore	Development of Materials for the Detection of Contaminants from Environmental Samples	In Process
1214	International Foundation for Science (IFS)	Mr. Muhammad Abdul Nasir Khan	Environmental Sciences	Abbottabad	Toxic effects of Nanomaterials in Fresh Water	In Process
1215	International Foundation for Science (IFS)	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Use and treatment of urban wastewater for crop irrigation in Vehari district	In Process
1216	International Foundation for Science (IFS)	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	Mapping QTL for phosphorus deficiency tolerance in spring wheat germplasm	In Process
1217	International Foundation for Science (IFS)	Dr. Muhammad Zakir Ali	Environmental Sciences	Vehari	Role of Plant growth promoting rhizobacteria in plant protection measures	In Process
1218	International Foundation for Science (IFS)	Dr. Muhammad Baqir Hussain	Environmental Sciences	Vehari	Association mapping of spring wheat inbred lines for responsiveness to PGPR in P-deficient soil	In Process
1219	International Foundation for Science (IFS)	Dr. Hafiz Mohkum Hammad	Environmental Sciences	Vehari	Is climate change Stimulating nitrogen uptake in maize	In Process
1220	International Foundation for Science (IFS)	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Drug Discovery from Pakistani plants based natural Products for the treatment of breast cancer	In Process
1221	International Foundation for Science (IFS)	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	Enhance microbial activity in biogas residue amended soil influence solubility and bioaccessibility of lead and cadmium	In Process
1222	International Foundation for Science (IFS)	Dr. Ayesha Tahir	Biosciences	Islamabad	Screening of Synthesis hexaploid wheat lines for overcoming malnutrition and abiotic stresses	In Process
1223	International Foundation for Science (IFS)	Dr. Farhan Saeed	Environmental Sciences	Vehari	Does inappropriate knowledge on Animal feed storage induce in milk production? Evidence from punjab-Pakistan	In Process
1224	International Foundation for Science (IFS)	Dr. Ghulam Mustafa Shah	Environmental Sciences	Vehari	Improving Agro-environmental value of municipal solid waste through composting: Assesment of its fertilizer value and Health risks	In Process

1225	International Foundation for Science (IFS)	Dr. Behzad Murtaza	Environmental Sciences	Vehari	Evaluation of heavy metal-induced phytotoxicity and its impact on living organism	In Process
1226	International Foundation for Science (IFS)	Dr. HafizFaiq Siddique Gul Bakhat	Environmental Sciences	Vehari	Silicon and Phosphorus medicated decreased arsenic uptake and translocation in rice under aerobic and anaerobic conditions	In Process
1227	International Foundation for Science (IFS)	Dr. Muhammad Shahzad	Environmental Sciences	Abbottabad	Calcium and Magnesium enrichment harms on the glycophytic plants against the salinity stress	In Process
1228	International Foundation for Science (IFS)	Dr. Usman Irshad	Environmental Sciences	Abbottabad	Escosystem rehalibation via mobilisation phosphorus inaccessible for plant growth in low quality phosphorus minig area of lower Himalya region of Pakistan	In Process
1229	International Foundation for Science (IFS)	Dr. Nazish Bostan	Biosciences	Islamabad	Rota virus as an indicator of oro fecal contamination of water bodies used for human consumption in Pakistan	In Process
1230	International Foundation for Science (IFS)	Dr. Aamira Tariq	Biosciences	Islamabad	Designing of a novel bio-nano filter for efficient fluoride and arsenic removal from contaminated ground water	In Process
1231	International Foundation for Science (IFS)	Dr. Sundus Javed	Biosciences	Islamabad	Epidemiological mapping and Analysis of Helicobacter species in major water reservoirs in Pakistan: A step towards source identification	In Process
1232	International Foundation for Science (IFS)	Dr. Inam Afzal	Biosciences	Islamabad	Contribution of Carnobacterium maltaromacticum as biopreservative agent for the food Fermentation industry	In Process
1233	International Foundation for Science (IFS)	Dr. Muhammad Umer	Biosciences	Islamabad	Understanding Developmental Characteristics of renewable energy crops of Pakistan	In Process
1234	International Foundation for Science (IFS)	Dr. Farhan Ahmed Khan	Chemistry	Abbottabad	Biological privileged 7-membered heterocyclic rings, a synthetic approach for antimicrobial drugs	In Process
1235	International Foundation for Science (IFS)	Dr. Aneela Maalik,	Chemistry	Abbottabad	Synthesis of biologically active 1,2,4-oxadiazole privileged scaffolds as potential antileismanial agents	In Process
1236	International Foundation for Science (IFS)	Ahson Jabbar Shaikh	Chemistry	Abbottabad	Review/ survey/feasibility/awareness of renewable energy sources(biogas from waster vegetables and solid sewer waste) in major cities of Pakistan	In Process
1237	International Foundation for Science (IFS)	Dr. Muhammad Shahzad	Environmental Sciences	Abbottabad	Calcium and magnesium enrichment to mitigate harms on different glycophytic plants against the salinity stress	In Process
1238	International Foundation for Science (IFS)	Dr. M. Atiq ur Rehman	Civil Engineering	Abbottabad	Feasibility appraisal of flood zoning in developing country employing socio-engineeing approach: a critifal analysis of nantional flood policy guidelines	In Process
1239	International Foundation for Science (IFS)	Dr. Sumaira Farrukh	Biosciences	Islamabad	Identification and validation of stripe rust resistant genes in wheat lanraces f Pakistan	In Process
1240	International Foundation for Science (IFS)	Dr. Sana Sabahat	Physics	Islamabad	Synthesis of charged gold nanoparticles for DNA targetting	In Process
1241	International Foundation for Science (IFS)	Dr. Syed Tauqir A. Sherazi	Chemistry	Abbottabad	Development of hybrid ion exchange resin for selective removal of arsenic from contaminated water	In Process
1242	International Foundation for Science (IFS)	Dr. Kiran Munir	Biosciences	Islamabad	Plant growth promoting rhizobacteria: emergence in bioremediation of heavy metal contaminated soil for sustainable agriculture	In Process
1243	International Foundation for Science (IFS)	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	Role f crop residue mulches in the provision of agro-ecosystem services by soils in conservation agriculture in the context of Pakistan	In Process

1244	International Foundation for Science (IFS)	Dr. Muhammad Imran	Biosciences	Islamabad	Nano-co-encapsulation of vitamin A, Zinc and Nisin: Integrated strategy for ensuring food security and combating malnutrition	In Process
1245	International Foundation for Science (IFS)	Dr. Kiran Munir	Biosciences	Islamabad	Plant growth promoting rhizobacteria: emergence inbioremediation of heavy metal contaminated soil for sustainable agriculture	In Process
1246	International Foundation for Science (IFS)	Dr. Syed Tauqir A. Sherazi	Chemistry	Abbottabad	Development of novel ion exchange resin for arsenic removal from contaminated water	In Process
1247	International Foundation for Science (IFS)	Dr. Bilal Ahmad Zafar Amin	Environmental Sciences	Abbottabad	Nanotechnology offers an alternative to fossil fuels: synthesis of functional nanoenzymes and their application inbioethanol production from lignocellulosic wastes	In Process
1248	International Foundation for Science (IFS)	Dr. Romana Khan	Environmental Sciences	Abbottabad	Treatment of Textile effluents using modified TiO2 Nanotubes	In Process
1249	International Foundation for Science (IFS)	Dr. Nasizh Bostan	Biosciences	Islamabad	Colonial water birds as bioindicators of environmental pollutants exposures in industrial zones of Pakistan	In Process
1250	International Foundation for Science (IFS)	Dr. Muhammad Imran Bhatti	Earth Sciences	Abbottabad	Nano-co-encapsulation of vitamin A, Zinc and Nisin: Integrated strategy for ensuring food security and combating malnutrition	In Process
1251	International Foundation for Science (IFS)	Dr. Naim Rashid	Environmental Sciences	Abbottabad	Low-cost bioenergy production and wasate treatment in Pakistan by using heterotrophic microalgae	In Process
1252	International Foundation for Science (IFS)	Dr. Tahir Hayat	Environmental Sciences	Abbottabad	Assessment of phytoaccumulation, phytoremediation and competitive adsorption of hexachlorinated cylohexanes on different agricultural soils of Pakistan	In Process
1253	International Foundation for Science (IFS)	Dr. Sumaira Farrakh	Biosciences	Islamabad	Exploiting unique genetic diversity: knocking gene banks vaults for yellow rust (Yr) resistant genes	In Process
1254	International Foundation for Science (IFS)	Dr. Muhammad Rizwan Ashraf	Environmental Sciences	Vehari	Carcinogenic potential of industrial chemical waste: from structure-activity relationships to mechanisms of action and risk assessment	In Process
1255	International Foundation for Science (IFS)	Dr. Nasir Masood	Environmental Sciences	Vehari	Impact of granular pesticides incomparison with conventional control methods regarding population management of wheat aphid and its impact on flour quality in Vehari/Rawalpindi District	In Process
1256	International Foundation for Science (IFS)	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Sustainability of capacity building activities to improve food safety and quality through genome squencing of Xanthomonas oryzae subsp. Oryzae(Xoo) rice pathoegn	In Process
1257	International Foundation for Science (IFS)	Dr. Syed Tauqir A. Sherazi	Chemistry	Abbottabad	Synthesis of Novel Polymer Based Solid Phase Extractant for Water Treatment	In Process
1258	International Foundation for Science (IFS)	Dr. Zertashia Akram	Biosciences	Islamabad	Adverse effects of arsenic on reproductive health of femles, exposed during prenatal perion of life: A study in rats	In Process
1259	International Foundation for Science (IFS)	Dr. Romana Khan	Environmental Sciences	Abbottabad	Treatment of textile effluents using modified TiO2 nanotubes	In Process
1260	International Foundation for Science (IFS)	Dr. Arif Alam	Development Studies	Abbottabad	Climate change and its impact on high mountain Karakorams's agriculture's productivity and efficiency	In Process

1261	International Foundation for Science (IFS)	Dr. Usman Irshad	Environmental Sciences	Abbottabad	Utilization of complex network of microbial interactions for mobilization of soil phosphorus in inaccessible for plant growth	In Process
1262	International Foundation for Science (IFS)	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	Co-overexpression of plasma-membrane and vacuolar Na ⁺ -transporters (SOS1 and NHX1) for the improvement of salt tolerance in maize (<i>Zea mays</i> L.)	In Process
1263	International Foundation for Science (IFS)	Dr. Tayyab Ashfaq	Civil Engineering	Abbottabad	Industrial wastewater treatment with plant based coagulants	In Process
1264	International Foundation for Science (IFS)	Dr. Sarfraz Shafiq	Environmental Sciences	Abbottabad	Biofortification of maize through Zinc-regulated transporters, Iron-regulated transporter-like proteins (ZIP) to fulfill hidden hunger	In Process
1265	International Foundation for Science (IFS)	Dr. Bilal Ahmad Zafar Amin	Environmental Sciences	Abbottabad	Nanotechnology offers an alternative to fossil fuels: synthesis of functional nanoenzymes and their application in bioethanol production from lignocellulose wastes	In Process
1266	International Foundation for Science (IFS)	Dr. Amara Mumtaz	Chemistry	Abbottabad	Microwave accelerated synthesis of N,N'-Disubstituted thioureas and their role for the improvement of cereal crops production in Pakistan	In Process
1267	International Foundation for Science (IFS)	Dr. Syed Ali Musstjab Akber Shah eqani	Biosciences	Islamabad	Persistence organic pollutants (POPs) aging and fingerprinting from Indus river, Pakistan	In Process
1268	International Foundation for Science (IFS)	Dr. Usman Irshad	Environmental Sciences	Abbottabad	Utilisation of complex network of microbial interactions for mobilisation of soil phosphorus inaccessible for plant growth in the P mining area of lower Himalaya region of Pakistan	In Process
1269	International Foundation for Science (IFS)	Dr. Sarfraz Shafiq	Environmental Sciences	Abbottabad	Deciphering role of histone H3 lysine demethylases in drought stress adaptation of maize	In Process
1270	International Foundation for Science (IFS)	Dr. Muhammad Imran	Biosciences	Abbottabad	Study of thermohaline convection in water saturated porous media	In Process
1271	International Foundation for Science (IFS)	Dr. Muhammad Atiq Rehman Tariq	Civil Engineering	Abbottabad	Feasibility appraisal of flood zoning in a developing country employing socio-engineering approach: a critical analysis of national flood policy guidelines	In Process
1272	ISESCO	Dr. Hasan Riaz	Biosciences	Sahiwal	Protein Profiling of Cervico-Vaginal Fluid with Special Emphasis to Entrus Phase In Nili Ravi Buffaloes	In Process
1273	ISESCO	Dr. Mohsin Riaz	CAST	Islamabad	Automatic Circuit Extraction for Out-dated Systems	In Process
1274	ISESCO	Dr. Qudrat Khan	CAST	Islamabad	Robust Control Design and Condition Monitoring of Artificial Pancreas Via Higher Order Integral Sliding Modes	In Process
1275	ISESCO	Dr. Maira Junjua	Biosciences	Islamabad	Exploring the Probiotic potential of Different Indigenous Strains of <i>Streptococcus Thermophilus</i> Isolated from Local Fermented Dairy Products of Pakistan	In Process
1276	ISESCO	Dr. Bushra Arshad	Biosciences	Islamabad	Improvement of therapeutic intervention for glaucoma patients through comparative quantitative analysis	In Process
1277	ISESCO	Dr. Maleeha Azam	Biosciences	Islamabad	Genetic Markers Identification: Implication in Diagnostics & Therapeutics of Diabetes and Its Complications	In Process

1278	Japanese Request Survey (JFY-2016)	Dr. Toqeer Ahmed	CCRD	Islamabad	Assesment of Water Quality and Application of Engineered Biochar for the Removal of Micropollutants	In Process
1279	National ICT R&D	Dr. Waqas Khalid	Physics	Islamabad	Development of Three Electrode System for Electrochemical Detection of Biomolecules	In Process
1280	National ICT R&D	Dr. Mehmood Ashraf Khan	CAST	Islamabad	IT expert Training boot Camp	In Process
1281	National ICT R&D	Dr. Nadir Shah	Computer Science	Wah	Instant Disaster Response Communication network Framework	In Process
1282	National ICT R&D	Dr. Zafar Iqbal	Computer Science	Islamabad	Teaching-Learning Using Consumer Technology	In Process
1283	Pakistan Medical Research Council (PMRC)	Dr. Sundus Javed	Biosciences	Islamabad	Prevalence and association of Helicobacter species with gall bladder pathology	In Process
1284	PAK-US	Dr. Javed Akhtar	Physics	Islamabad	Synthesis of biocompatible hybrid materials for orthopedic Applications	In Process
1285	PAK-US	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Development of wheat and Fungal Genome Resources as a Cradle to Rescue Wheat Yield from Fungal Diseases in Pakistan By Deep Genome and Transcriptome Sequencing	In Process
1286	PAK-US	Dr. Nighat Fatima	Pharmaceutical Sciences	Abbottabad	Structural identification and drug designing of cytotoxic and cancer chemo preventive agents from endophytic fungi of indigenous plant of Pakistan	In Process
1287	PAK-US	Dr. Javed Akhtar	Physics	Islamabad	Synthesis of biocompatible hybrid materials for orthopedic Applications	In Process
1288	PAK-US	Dr. Zulfiqar Habib	Computer Science	Lahore	Forgery detection of digital images for multimedia security Crime Detection and Prevention	In Process
1289	PAK-US	Dr. Nadia Nawaz Qadri	Electrical Engineering	Wah	Soil moisture and nitrate level monitoring for precision Agriculture using Wireless Sensor networks	In Process
1290	PAK-US	Dr. Khuda Bakhsh	Management Sciences	Vehari	Establishment of Research and Training center for Capacity Building of Pakistani Women Farmers at the CIIT Vehari	In Process
1291	PAK-US	Dr. Aqif Anwar Chaudhry	IRCBM	Lahore	Tailorable Scaffolds for Skeletal Repair via 3-D printing	In Process
1292	PAK-US	Dr. Qaisar Mehmood	Environmental Sciences	Abbottabad	Evaluation of the biomass containing environmental contaminants and its impact on biogas generation and human health	In Process
1293	PAK-US	Dr. Nisar-ur-Rehman	Pharmaceutical Sciences	Abbottabad	Implementation of Clinical Pharmacy Practice in Pkistan A Job Skills Development Initiative	In Process
1294	PAK-US	Dr. Muhammad Amin	Electrical Engineering	Wah	Design Analysis Fabrication Installation and testing of efficient vertical axis wind turbine farm for urban and rural areas in Pakistan	In Process
1295	PAK-US	Dr. Zafar Iqbal	Chemistry	Abbottabad	Novel Polymeric Phthalocyanine based Nanotheranostic platforms for targeted photodynamictherapy and diagnosis of cancer	In Process
1296	PAK-US	Dr. Aneela Maalik	Chemistry	Abbottabad	Center for the Development and Commercialization of metal organic framework for cancer therapeutic Characterization and Application	In Process

1297	PAK-US	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Exploring the possible correlation between ACC deaminase and antagonistic activity in Plant-associated pseudomonads/rhizobacteria to improve their biopesticide potential	In Process
1298	PAK-US	Dr. Aamira Tariq	Biosciences	Islamabad	Elucidating the diagnostic and therapeutic potential of long non-coding RNA in oral Cancer	In Process
1299	PAK-US	Dr. Farha Masood	Biosciences	Islamabad	Encapsulation of Casein kinase 2 (CK2) inhibitors within the biodegradable polyhydroxyalkanoates (PHA) nanoparticles for targeted cancer therapy	In Process
1300	PSF	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Evaluating the Impact of Climate Change on Crop Water Requirement for Cotton And Wheat in Arid Region By Using DSSAT Model	In Process
1301	PSF	Dr. Ayesha Sohail	Mathematics	Lahore	Numerical Study of Laboratory Generated Nonlinear Waves With Application To Thin Films	In Process
1302	PSF	Dr. Nazar Abbas Shah	Physics	Islamabad	IR Detectors by Thin Films Deposition	In Process
1303	PSF	Dr. Asad Muhammd Khan	Chemistry	Islamabad	Application of metal and metaloxide nanoparticles for the preparation of antibacterial and biocompatible food storage materials	In Process
1304	PSF	Dr. Abdul Rashid	Physics	Lahore	Deposition of Carbon Thin Films by Employing CH ₂ 12 Precursor	In Process
1305	PSF	Dr. Habil Shamsul Qamar	Mathematics	Islamabad	" Modeling and Simulation of Batch Preferential Crystallization"	In Process
1306	TWAS-COMSTECH	Dr. Mohsin Riaz	CAST	Islamabad	Image Analysis for Efficient and Accurate Extraction of Leaf Features	In Process
1307	UNESCO	Dr Malik Ikram Ullah	Management Sciences	Islamabad	Support to national capacity buildingto Relaise girls right to education in Pakistan	In Process
1308	United Nation Human Space Technology (UN-HSTI)	Dr. Tayyaba Yasmin	Biosciences	Islamabad	Zero-Gravity Instrument Project	In Process
1309	WWF (World Wide Fund)	Dr. Haroon Ahmed	Biosciences	Islamabad	Spatial & Temporal Distribution of Parasitic Load Within Selected Fresh Water bodies in Pothohar Region Pakistan	In Process
1310	Alexander Von Humboldt Foundation	Dr. Asma Tufail	Dept of IRCBM	Lahore	Fabrication of 3D composites for critical size bone defects from lithium water glass with functional clay fillers and study of structure property relationships using AI and machine learning	In Process
1311	Alliance of International Science Organizations	Dr. Imran Hussain	Bio-Technology	Abbottabad	Advanced ANSO training on Fate, Transfer and Accumulation of Emerging Pollutants in Urban Agriculture System via Manure and Biosolids Application	In Process
1312	Alliance of International Science Organizations	Dr. Imran Hussain	Bio-Technology	Abbottabad	In-Depth: Ecologiacl Monitoring, fate Kinetics and uptake of Pharmaceutical in Microbes Soil Plants System across Pakistan and China	In Process

1313	Asia Technological University Network	Dr. Imran Hussain	Bio-Technology	Abbottabad	Phytotechnology as a green and sustainable solution for remediation of environmental pollutants in soil and ground water	In Process
1314	Asian Technological University Network	Dr. Ali Arshad	Electrical & Computer Engineering	Islamabad	IoT enabled battery management system for electric vehicle battery keyword of research field	In Process
1315	Asian Technological University Network	Dr. Umair Bin Nisar	Centre for Climate Research and Development (CCRD)	Islamabad	Integrated Techniques to detect subsurface contaminants in Hattar Industrial Estate, Lesser Himalayas, Pakistan	In Process
1316	Asian Technology University Network	Mr. Muhammad Saud Khan	Computer Science	Attock	An Evolutionary algorithm based vehicular clustering technique for VANETS	In Process
1317	Asian Technology University Network	Mr. Muhammad Saud Khan	Computer Science	Attock	An adaptive and proactive clustering technique for delay intolerant military VANETS	In Process
1318	Asian Technology University Network	Mr. Muhammad Saud Khan	Computer Science	Attock	A linearly complex block chain and signed response based two tier node authentication scheme for sparsely populated nodes in IOT	In Process
1319	Asian Technology University Network	Dr. Sadaf Azad Raja	Biosciences	Islamabad	Mitochondrial oxidative stress and cell survival management for cancer therapy using bioactive phytochemical conjugated green synthesized gold and silver nanoparticles	In Process
1320	Asian Technology University Network	Dr. Khurram Naveed	Electrical & Computer Engineering	Islamabad	A cost effective solution for diagnosing vision threatening disease	In Process
1321	Asian Technology University Network	Dr. Adil Raza	Physics	Islamabad	A cost efficient solution for enhancing the range of distributed acoustic sensing system	In Process
1322	Asian Technology University Network	Dr. Jawad Mirza	Electrical & Computer Engineering	Islamabad	Intelligent reflecting surfaces assisted cognitive radio NOMA communication	In Process
1323	Asian Technology University Network	Dr. Umair Bin Nisar	CCRD	Islamabad	Integrated techniques to detect subsurface contaminants in Hattar Industrial Estate Lesser Himalayas Pakistan	In Process
1324	Asian Technology University Network	Dr. Atif Shakeel	Electrical & Computer Engineering	Islamabad	Blockchain enabled smart contract for IOT applications	In Process
1325	Asian Technology University Network	Ms. Sidra Daud	Earth Sciences	Abbottabad	Impact of Gadoon Amazai Industrial Estate on Groundwater and Environment: An Integrated Approach	In Process
1326	Asian Technology University Network	Dr. Syed Junaid Nawaz	Electrical & Computer Engineering	Islamabad	Secret key generation for radio frequency (RF) cyber security	In Process
1327	Asian Technology University Network	Dr. Ali Arshad	Electrical & Computer Engineering	Islamabad	IoT enabled battery management system for electric vehicle battery	In Process
1328	Asian Technology University Network	Mr. Azfar Yaqub	Electrical & Computer Engineering	Islamabad	AI empowered energy efficient task offloading for 6G enabled IOT networks	In Process
1329	Asian Technology University Network	Mr. Mubeen Sabir	Electrical & Computer Engineering	Islamabad	An optimal approach for filtering of fingerprints to maximize accuracy	In Process
1330	Asian Technology University Network	Dr. Azeem Mehmood Butt	Biosciences	Islamabad	Development of a cost effective multiplex tetra arms PCR assay for the surveillance of SARS-CoV-2 variants of concern	In Process
1331	Asian Technology University Network	Mr. Qasim Khan	Computer Science	Attock	Skin cancer detection and classification using digital image processing	In Process

1332	Asia-Pacific Network	Dr. Jabir Hussain Syed	Meterology	Islamabad	Value chain mapping and capacity building of Pakistani Government Stakeholder to implement Basel Convention Amendments to Enhance Control of the Transboundary Movement of Plastic Waste	In Process
1333	Association for Commonwealth Universities	Dr. Ismat Nawaz	Bio- Sciences	Islamabad	To Assess Carbon Sequestration, Pollution extent and Self-Purification Capacity of the Wetland Ecosystem in Pakistan	In Process
1334	British Council	Dr. Mona Lisa	Meteorology	Islamabad	Seismic Hazard Assessment of Major cities of Northern Pakistan for 50 Years	In Process
1335	British Council	Dr. Habib Bokhari	Biosciences	Islamabad	Water & Health: Implementation of SNP based technology to track toxigenic V. Cholerae outbreak causing types and developing simple water purification point of use technology respectively	In Process
1336	British Council	Dr. Nadeem Hassan	Biosciences	Islamabad	Exploring the potential of rhizobacterial elicitor surfactin to induce systemic resistance in tomato against the model pathogen Pseudomonas syringae DC3000	In Process
1337	British Council	Dr. Rizwan Raza	Physics	Lahore	Going Global Partnership Pak-UK Education Gateway Mobility Partnership for Students	In Process
1338	British Council	Dr. Kashif Tufail	Physics	Lahore	Going Global Partnership Pak-UK Education Gateway Mobility Partnership for Students	In Process
1339	British Council	Dr. Asim Laeeq Khan	Chemistry Engineering	Lahore	Going Global Partnership Pak-UK Education Gateway Mobility Partnership for Students	In Process
1340	Cannenta Pvt.Ltd,Australia (Industry)	Dr. Muhammad Yar	IRCBM	Lahore	Cannenta Pty Australia	In Process
1341	Cannenta Pvt.Ltd,Australia (Industry)	Dr. Muhammad Yar	IRCBM	Lahore	Proposal to evaluate suitability of hydrogels as delivery vehicles for 2dDR to stimulate angiogenesis	In Process
1342	CCRC	Dr. Farah Masood	Biosciences	Islamabad	Green Nanomaterials for wastewater treatment	In Process
1343	China - MOST	Dr. Jawad Mirza	Computer Engineering	Islamabad	Research and verification of the efficient massive MIMO technologies for 5G systems	In Process
1344	China - MOST	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Optimal operation and demonstration of regional energy system with increasing renewable energy penetration	In process
1345	China - MOST	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Optimization & coordination of hybrid multi microgrids using multiple distributed generation sources	In process
1346	Commonwealth	Dr. Umer Sheraz	CPS	Islamabad	Using Gaming to Boost Public awareness and University resilience to Climate Change	In Process
1347	Commonwealth	Dr. Mohsin Raza	CCRD	Islamabad	Bridging the gap between academic research and policy maker in climate change research through policy engagement & communication	In Process
1348	Commonwealth	Dr. Umer Sheraz	Centre for Policy Studies	Islamabad	Using Gaming to Boost Public awareness and University resilience to Climate Change	In Process
1349	Commonwealth	Dr. Mohsin Raza	Centre for Climate Research and Development	Islamabad	Bridging the gap between academic research and policy maker in climate change research through policy engagement & communication	In Process

1350	Commonwealth Climate Resilience Challenge Grants(CCRC)	Dr. Farah Masood	Biosciences	Islamabad	Green Nanomaterials for wastewater treatment	In Process
1351	Competitive Agricultural Research Development Fund	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Development and bioevaluation of fortified extruded rice to address micronutrient malnutrition in school nutrition programmes	In process
1352	Competitive Agricultural Research Development Fund	Dr. Muhammad Farhan Saeed	Environmental Sciences	Vehari	Potential of brassica biofumigation against soil-borne pathogens of chili under different agro-climate conditions	In process
1353	Competitive Research Programme	Dr. Farooq I Azam	Electrical & Computer Engineering	Lahore	Investigation of cognitive radio communication with dynamics spectrum sharing and resource allocation	In Process
1354	Competitive Research Programme	Dr. Mazhar Sadiq	Computer Science	Sahiwal	Early diagnosis of alzheimers disease using data mining techniques on behavioral data	In Process
1355	Comsats Headquarter	Dr. Safia Zahid, Prof. Mahmood A Kayani, Dr. Zahid Ali	CCRD	Islamabad	Climate change and human health: Impacet vulnerability and adaption issues for Pakistan	In process
1356	COMSTEC-TWAS	Dr.Muhammad Anis-ur-Rehman	Physics	Islamabad	Synthesis and study of magnetic properties of rare earthdoped nano compounds	In Process
1357	COMSTEC-TWAS	Dr. Salman Amin Malik	Mathematics	Islamabad	Image restoration using nonlocal partial differential equations	In Process
1358	CPEC	Dr.Hassan Mehboob	Biosciences	Islamabad	Identificationn expression and Functional Analysis of Micro RNA	In Process
1359	CPEC	Dr. Sabaz Ali Khan	Biotechnology	Abbottabad	Assessment of CPEC impect on health beneficial matabolites of verious apple varieties of Pakistan through biochemical and molecular characterization	In Process
1360	CPEC	Dr. Jamshed Iqbal	Center for advance drug Research	Abbottabad	Development of P2Y12R antagonist a Drug for cardiovascular diseases	In Process
1361	CPEC	Dr. Talha Akram	Electrical Engineering	Wah	Real Time Crops Monitoring and Disease Classification Using Deep Learning on hyperspectral Images	In Process
1362	CPEC	Dr. Rizwan Raza	Physics	Lahore	Functional materials for energy conversion and stroage a plateform for clean energy research under CPEC under CRG	In Process
1363	CPEC	Dr. Muhammad Sajjad	Biosciences	Islamabad	Reviving barley crop to meet domestic needs and export potential by improving export production ratios in Pakistan	In Process
1364	CPEC	Dr.M.Rizwan Azam	Electrical & Computer Engineering	Islamabad	Exploring and formal modelling of Gut microbiome responsible for insecticide resistance in mosquito(aedes aegypti)	In Process
1365	CPEC	Dr.M. Ibrahim	Biosciences	Sahiwal	Development of Identification markers and Potential vaccine target of Vibriocholera	In Process
1366	CPEC	Dr.fakhar Abbas	Computer Science	Islamabad	The internet of things (IOTs) ,5G communication automobil research and inventions for connected and Autonomous Vehicles	In Process
1367	CPEC	Dr. Junaid Ahmed	Electrical & Computer Engineering	Islamabad	Remote monitoring of honey bees big data using artificisl intelligence	In Process

1368	CPEC	Dr. Shumaila Karamat	Physics	Islamabad	Boosting of hydrogen evolution in 2D material for future sustainable energy	In Process
1369	CPEC	Dr. Nadir Shah	Computer Science	Wah	Smart Assistance for Vehicles in SDV - F Environment	In Process
1370	CPEC	Dr. Syed Ali Musstjab Akber Shah Eqani	Biosciences	Islamabad	Geogenic contamination in to the ground water of Pakistan and associated human health risk	In Process
1371	CPEC	Dr. Shams ur Rehman	Physics	Islamabad	Nanostructured metal chalcogenides for next generation batteries	In Process
1372	CPEC	Dr. Ali Arshad	Electrical & Computer Engineering	Islamabad	An indigenous battery system design for a shared electric mobility system	In Process
1373	CPEC	Dr. Sohail Ahmad	Humanities	Islamabad	Identifying and assessing issues and challenges in cross cultural communication between chinese and pakistani workforce/communities working under CPEC	In Process
1374	CPEC	Dr. Tatheer Alam	Biotechnology	Abbottabad	Exploring Plant Baased Biofilm eradicating agents and their molecular machanism of action to inhabit bacterial biofilm	In Process
1375	CPEC	Dr. M. Aamir Razaq	Physics	Lahore	Development of High energy density metal/graphene oxide based next generation zinc _ion batteries of Pakistan for continous electric supply in remote areas along CPEC project	In Process
1376	CPEC	Dr. Hamad Khalid	IRCBM	Lahore	Bi_layered electrospun mats angiogenic,neurogenic and antibacterial.	In Process
1377	CPEC	Dr. Ghulam Mustafa Shah	Env. Sciences	Vehari	Transformation of bio degradable solid waste in to enriched pelletized fertilizer via innovative composting	In Process
1378	CPEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Plasma Innovative development in Advance Science fruitful achievement for national economy between pakistan& china	In Process
1379	CPEC	Dr. Kalim Ullah	Meterology	Islamabad	Tropical cyclone activity influnance on the coastal area of arabian see in Pakistan	In Process
1380	CPEC	Dr. hassan Mehboob Awan	Biosciences	Islamabad	Identificationn expression and Functional Analysis of Micro RNA	In Process
1381	CRDF Global	Dr. Habib Bukhari	Biosciences	Islamabad	Understanding V. cholerae dynamics through genomics for deveoping early warning strategies for better cholera control	In process
1382	DEBRA UK	Dr Mohsin Riaz	CAST	Islamabad	Early Detection and Classification of Skin Cancer Using Image Processing Techniques	In Process
1383	Department o Internaional Development's UK	Dr. Anjum Rasheed	CCRD	Islamabad	Moving towards low carbon tranport co benefits for air quality and health in pakistan and nepal low income country	In Process
1384	Directorate General of Science & Technology	Dr. Huma Ajab	Chemistry	Abbottabad	Advance nanopar Synthesis and application in smart device for quality health diagnostics	In Process
1385	Directtorate General of Science and Technolgy	Mr.Aamir Khan	ectrical & Computer Engineeri	Abbottabad	Development of Aluminum Winding Three Phase Induction Motor for Lightweight EV Apllivation	In Process
1386	DOST(KPK)	Dr. Kasahif Bilal	Computer Science	Abbottabad	Multicast at edge: an edge network architechure for service less live vodeo multicast financial assistance from government of kpk	In Process

1387	DOST(KPK)	Dr. Abdul Nasir Khan	Computer Science	Abbottabad	Lightweight and compromise resilient authentication protocol for LoTs	In Process
1388	DOST(KPK)	Dr. Junaid Shuja	Computer Science	Abbottabad	Extension of cloud computing lab	In Process
1389	DOST(KPK)	Dr. Abdul Nasir Khan	Environmental Sciences	Abbottabad	Intelligent and secure traffic light control system	In Process
1390	DOST(KPK)	Dr. Kashif Bilal	Computer Science	Abbottabad	Vehicles stall on road detection and analysis for developing countries	In Process
1391	DOST(KPK)	Dr. Kashif Bilal	Computer Science	Abbottabad	Providing a coast efficient video processing solution in mobile edge computing environment	In Process
1392	Economic & Social Research Council	Dr. Khurrum Shahzad	Management Sciences	Islamabad	Dissecting the accountability in education delivery: its importance, levels, and understanding: an evidence from Pakistan	In process
1393	Economic Affairs Division Govt. of Pakistan	Dr. Saeed Ahmad Qaisrani	Environmental Sciences	Vehari	Agronomy, field crops, maize crop	In process
1394	Endowment Fund University of Agriculture Faisalabad	Dr. Muhammad Iftikhar ul Husnain	Management Sciences	Islamabad	Understanding climate change-food security nexus, farmers, perceptions and adaptation strategies: A region wise evidence	In process
1395	Endowment Fund University of Agriculture Faisalabad	Dr. Muhammad Aamir Khan	Management Sciences	Islamabad	Agricultural productivity and global trade, challenges for vegetable industry of Pakitan	In process
1396	Europen Research Infrastructure Support Smart Grid System Technology Development	Mr.Faisal Mehmood	Electrical & Computer Engineering	Abbottabad	Transnational access contract model	In Process
1397	Expression of Interest	Dr. Wajahat Mahmood Qazi	Computer Science	Lahore	Establish robotics lab under national center for robotics and automation program of HEC	In Process
1398	Expression of Interest	Dr. Kashif Bilal	Electrical Engineering	Abbottabad	Establishment of national center for data analytics & cloud computing	In Process
1399	Expression of Interest	Dr. M. Masoom Alam	Computer Science	Abbottabad	Establishment of national center for data center for cyber security (cyber security lab)	In Process
1400	Expression of Interest	Prof.Dr. Ather Hussain	Meteorology	Islamabad	Expression of interest for establishment of national center for gis and space applications	In Process
1401	Global Grants for Gut Health	Prof. Dr. Syed Habib Bokhari	Biosciences	Islamabad	Evidence on linking C.jejuni and diverse E.coli pathotypes with stunted childhood growth and overgrowth of small intestinal bacterial taxa in relation to phage-bacteria interplay	In Process
1402	Government of the Punjab Planning & Development Board	Dr. Tahir Ali Akbar	Civil Engineering	Abbottabad	Multi hazard vulnerability risk assessment for Punjab district	In Process
1403	Government of the Punjab Planning & Development Board	Dr. Ahmad Qammar	Management Sciences	Lahore	An investigation into human resource development (hrd) needs of nurses: The case of public health sector, pakistan	In Process
1404	Grand Challenge Fund	Dr. Sabahat Haqqani	Biosciences	Islamabad	Behavioral intervention for sustainable agricultural practices a field experiment for water conservation	In Process
1405	Grand Challenge Fund	Dr. Muhammad Khalil Afzal	Computer Science	Wah	Smart Khait and Kaisan in Pakistan: An Intelligent IoT Connected Smart Agriculture System	In Process

1406	Grand Challenge Fund	Dr. Muhammad Asif Rasheed	Biosciences	Sahiwal	Extensive study of multidrug resistant and extensively drug resistant Salmonella to overcome the problem of antibiotics resistance and decrease production in commercial poultry	In Process
1407	Grand Challenge Fund	Sumaira Kanwal	Biosciences	Sahiwal	Development and validation of a sweat base wrist worn seizure predictor Biosensor for Epilepsy patients	In Process
1408	Grand Challenge Fund	Dr. Syed Junaid Nawaz	Electrical & Computer Engineering	Islamabad	Affordable Ophthalmic Healthcare Solution for Pakistan (AOHSP)	In Process
1409	Grand Challenge Fund	Dr. Sobia Baig	Energy Research Centre	Lahore	Smart Energy-Efficient Distribution and Management System for Socio-Economic Growth of Pakistan (SEEDMS)	In Process
1410	Grand Challenge Fund	Dr. Muhammad Yasin	Chemical Engineering	Lahore	Revitalization of Pakistan's Sugar Mills into Advanced Biorefineries	In Process
1411	Grand Challenge Fund	Dr. Ramla Shahid	Biosciences	Islamabad	Mrna based vaccines as transformative tool to combat Diseases	In Process
1412	Grand Challenge Fund	Mirza Ahmed Hammad Ul Mubeen	Biosciences	Islamabad	Maturation of Knowledge About COVID19 Virus Attack and Disease Psychology Including Application of Local and Traditional Medicine Treatment Strategies	In Process
1413	Grand Challenge Fund	Dr. Shams ur Rahman	Physics	Islamabad	Next Generation Batteries: A Low Carbon Emission Solution To The Current Energy Crisis of Pakistan	In Process
1414	Grand Challenge Fund	Dr. Adnan Ahmad Tahir	Computer Science	Abbottabad	Exploring the nexus of air pollution, climate change and cryosphere in the context of CPEC and future water availability from the Hunza River Basin	In Process
1415	Grand Challenge Fund	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Lost cost and indigenous development of members for decentralized drinking water treatment in pakistan	In Process
1416	Grand Challenge Fund	Dr. Muhammad Asif Rasheed	Biosciences	Sahiwal	Extensive study of multidrug resistant and extensively drug resistant Salmonella to overcome the problem of antibiotics resistance and decrease production in commercial poultry	In Process
1417	Grand Challenge Fund	Dr. Syed Junaid Nawaz	Electrical & Computer Engineering	Islamabad	Affordable Ophthalmic Healthcare Solution for Pakistan (AOHSP)	In Process
1418	Hainan Sciences & Technology Cooperative Project	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Mechanism of sLcmv encoded protein interfering host antiviral function of nmd and its utilization for creation of cmvs resistance mechanism	In Process
1419	Health Research Institute	Dr. Muhammad Imran	Bio- Sciences	Islamabad	Diabetic Ulcers: Alternative Nano-therapeutics to treat Resistant Bacterial Infections With Biogel-based Wound Dressings	In Process
1420	HEC	Dr Mumtaz Ahmed	Management Sciences	Islamabad	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1421	HEC	Dr Muhammad khan	Management Sciences	Lahore	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1422	HEC	Dr Muhammad Shakeel	Humanities	Abbottabad	Religion Democracy and Electoral Politics In Pakistan	In Process
1423	HEC	Dr Abdus Sattar Abbasi	Management Sciences	Lahore	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process

1424	HEC	Dr Abdus Sattar Abbasi	Management Sciences	Lahore	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1425	HEC	Dr Hafiz Muhammad Arshad	Management Sciences	Sahiwal	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1426	HEC	Dr Faisal Abbas	Management Sciences	Islamabad	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1427	HEC	Dr Muhammad Asrar-ul-haq	Management Sciences	Sahiwal	Congruence Between Self and Subordinates Perceptions About Leadership Styles and Performance in Higher Education Institution	In Process
1428	HEC	Dr Muhammad Sirajuddin	Chemistry	Abbottabad	Medicinal Properties (Anticancer and Antileishmanial) of Amide Based Organotin (IV) Carboxylates	In Process
1429	HEC	Dr Abdul Shakoor	Mathematics	Islamabad	Further Result on The Drazin Inverses for Matrices	In Process
1430	HEC	Dr. Waqas Jadoon	Computer Science	Abbottabad	Graph based Semi Supervised Collaborative Learning Using Linear Representation Framework	In Process
1431	HEC	Dr. Kashif Bilal	Computer Science	Abbottabad	A Low Cost Facility for Energy Efficient Cloud Computing	In Process
1432	HEC	Dr. Muhammad Yasir Rafique	Physics	Lahore	Fabrication of Exchange-Coupled Nano-Composites Magnets by chemical Methods	In Process
1433	HEC	Dr. Muhammad Zakir Ali	Environmental Sciences	Vehari	Chemical and physiological effects of plant growth promoting Rhizobacterial on growth and reproductive behaviours of a phytophagous insect-A step towards development of biopesticides	In Process
1434	HEC	Dr. Abdul Wahid	Computer Science	Islamabad	Research on communication protocols for underwater wireless sensor networks	In Process
1435	HEC	Dr. Muhammad Baqir Hussain	Environmental Sciences	Vehari	Bacterial inoculation for reducing salinity induced drought impact in maize	In Process
1436	HEC	Dr. Muhammad Awais	Electrical Engineering	Wah	Design And Implementation of Advanced LDPC Decoder for next Generation Communication Targeting Giga Bits Per Second(Gbps) Throughout	In Process
1437	HEC	Dr Sajid Farooq	computer science	Islamabad	Tele-presence Using Face-Detection on the Kinect	In Process
1438	HEC	Dr Atiqa Rehman	computer science	Abbottabad	Service Level Agreement Based Grid Workflow Scheduling (SLA-GWA)	In Process
1439	HEC	Dr.Rafaqat Ali	Management Sciences	Vehari	Clander Anomalies in Emerging Asian Stock Markets	In Process
1440	HEC	Dr. Adnan Jahangir	Mathematics	Wah	Reflection of Plane Waves Propagating through Elastic Solid	In Process
1441	HEC	Mr . Mahmood Qureshi	Electrical Engineering	Islamabad	Image Reconstruction Techniques for Accelerated MRI	In Process
1442	HEC	Dr Muhammad Akram Tariq	Biosciences	Islamabad	Analysis of Genetic Variants of Voltage -Gated (Ca 2+) Channel Genes (CACNA1C and CACNB2) for Susceptibility of Schizophrenia in Pakistan	In Process
1443	HEC	Dr Fazeelat Karamat	Biosciences	Islamabad	Evaluation of Medicinal Values of Two Lamiacase Plants Grown under Different Climatic Conditions of Pakistan	In Process
1444	HEC	Dr Ramzan Ullah	Physics	Islamabad	Establishment of Materials Simulation Laboratory	In Process
1445	HEC	Dr. Abdul Haque	Management Sciences	Lahore	Financial Literacy Level of Entrepreneurs and Sustainable Entrepreneurship	In Process

1446	HEC	Dr. Aqeel Ahmad Bazmi	Chemical Engineering	Lahore	Improvement of waste Water Treatment Efficiency using Solar Powered Plasma Ozonation	In Process
1447	HEC	Dr. Muhammad Khaliq Majeed	Chemical Engineering	Lahore	Potential Materials for Food Packaging by Using Graphene Reinforced Chitosan/ Polyvinyl Alcohol Nanocomposites	In Process
1448	HEC	Dr. Aqeel Ahmad Khan	Chemical Engineering	Lahore	Synthesis of Heparin Linked Oligomeric Bis-benzimidazole for Anti-cancer Activity / PDMS composite as Thermal Interface Materials	In Process
1449	HEC	Dr. Muhammad Umar Manzoor	Chemical Engineering	Lahore	Graphene/PDMS Composite As Thermal InterfaceMaterials	In Process
1450	HEC	Dr. Qasier Waheed	Physics	Islamabad	Study of Phase Behavior of Three Component (Phospholipids/Cholesterol) Systems and Formation of Lipid Rafts in Bio-Membranes by MD Simulations and Atomic Force Microscopy	In Process
1451	HEC	Dr. Nisar-Ur-Rehman	Pharmaceutical Sciences	Abbottabad	Development of Novel Nano-Carriers for the Targeted Delivery of Cytotoxic Agents to the Cancer and Tumor Sites	In Process
1452	HEC	Dr. Abid Ali Khan	Chemistry	Abbottabad	Exploitation of Endophytic Fungi for New Agro-Chemically, Anti-Cancer and Pharmaceutically Important Secondary Metabolites	In Process
1453	HEC	Dr. Muhammad Naeem	Mathematics	Sahiwal	Investigation of Square Free Ideals Associated to a Graph Decomposition	In Process
1454	HEC	Dr. Muhammad Umer	Biosciences	Islamabad	Pretreatment of local Lignocellulosic crops of Pakistan with lime and alkaline peroxide to increase bioethanol yield	In Process
1455	HEC	Dr. Naseer Iqbal	Biosciences	Islamabad	Bioactive Graphene based Hydrogels for Regenerative Studies	In Process
1456	HEC	Dr. Sara Raiz	Chemical Engineering	Lahore	Development of Highly Porous Core-shell Gold Nanoparticles @ Metal-Organic FrameWorks (MOFs) for Water Treatment	In Process
1457	HEC	Dr. Sobia Tabassum	IRCBM	Lahore	Surface Functionalizations of carbon-nanotubes for prepration of Load Bearing Hybird composites of Hydroxyapatite and chitosan for improved Osseointegration	In Process
1458	HEC	Dr. Nazar Abbas Shah	Physics	Islamabad	Metal Oxide Carbon Nano Tube (CNTs) Heterostrutures for IR Detector and Chemical Sensors	In Process
1459	HEC	Dr. Javeed Akhtar	Physics	Islamabad	Fabrication of High Efficiency Carbon Quantum dots Based Hetrojunction Solar for Microgeneration	In Process
1460	HEC	Dr. Muhammad Jamil	Biosciences	Islamabad	Development of Signaling Molecules Based Formulation to Enhance Wheat Productivity	In Process
1461	HEC	Dr. Farrakh Shahzad	Physics	Islamabad	Transport and Magnetic Propertied of Grapheme	In Process
1462	HEC	Dr. Aqif Anwar Chaudhry	IRCBM	Lahore	Use of Novel Bioceramics in Development of Nanocomposite Sheets for Repair of Skull Base Defects	In Process
1463	HEC	Dr. Awais Ihsan	Biosciences	Sahiwal	Toxico-Pathological and Genotoxic Efforts for Quinoxaline Agents in Avian Species	In Process

1464	HEC	Dr. Hafiz Muhammad Asif	Electrical Engineering	Lahore	Highly broadband transmission Line based on surface wave	In Process
1465	HEC	Dr. Syed Ali Musstijab akbher Shah Eqani	Biosciences	Islamabad	Uptake and Partitioning of non-polar organic contaminants from Indus River, Pakisatn: Using Passivesampling approach	In Process
1466	HEC	Dr. Muhammad Imran Shahzad	Meteorology	Islamabad	A high Resolution Seamless Aerosol Algrorithm for major Cities {Lahore & Karachi} of Pakistan	In Process
1467	HEC	Dr. Manzoor Ahmad Zahid Ch.	Mathematics	Sahiwal	Optimal Solution of Epidemic Disease Problems	In Process
1468	HEC	Dr.Sumaira Farrakh	Biosciences	Islamabad	Genetic diversity of Puccinia striformis tritici (Cause of Stripe rust) in Pakistan	In Process
1469	HEC	Dr. Nazia Bibi	Biosciences	Islamabad	Copy Nuhmber variants and microRNAs as potential diagnostic biomarkers for Retinoblastoma	In Process
1470	HEC	Dr. Nasir Masood	Environmental Sciences	Vehari	Estimation of Genetic Diversity and Proteome Analysis in Rice (Oryza Sativa L)	In Process
1471	HEC	Dr. Muhammad Waseem	Mathematics	Sahiwal	Development of Numerical Techniques for Nonlinear Syatem of Equations Arising in Engineering	In Process
1472	HEC	Dr. Kashif Zia	Computer Science	Abbottabad	Consensus In Complex Socio-Technical Systems: Evidencing Modeling and Simulating To Predict And Control	In Process
1473	HEC	Dr. Abrar Hussain	Biosciences	Sahiwal	Role of Un-Extractable Polymeric Protiens on End-use Quality of Pakistani Wheat Flour	In Process
1474	HEC	Dr. Amad Ali	Biosciences	Sahiwal	Genomic Dissection of Diversity, Disease and Milk Yield Traits of Sahiwal Cattle to Substantiate Community Based Progeny Testing Program (PTP) of Research Center for the Conservation of Sahiwal Cattle (RCCSC)"	In Process
1475	HEC	Dr. Rafiq Ahmad	Environmental Sciences	Abbottabad	Production of Biopesticides and Transgenic CropsFrom Bacillus Thuringiensis	In Process
1476	HEC	Dr. Sabaz Ali Khan	Environmental Sciences	Abbottabad	Development of Transgenic Resistant To Bacterial Wilt by Identifying and Inserting Drought Responsive Flavonoid Genes	In Process
1477	HEC	Dr. Muhammad Javid Iqbal	Environmental Sciences	Abbottabad	Use of Adsorbents To Reduce Acrolein And Acrylamide Concentration In Frying Cookings Oils	In Process
1478	HEC	Dr. Rizwan Raza	Physics	Lahore	Design and Integration of Multi-fuel advance fuel cell with micro gas turbine Polygeneration System	In Process
1479	HEC	Dr. Hasan Mahmood	Physics	Lahore	Mn (doped) Zinc batteries and Solar Cells	In Process
1480	HEC	Dr. Syed Asad Hussain	computer science	Lahore	Digital Image Aunthenticate/Forensics	In Process
1481	HEC	Dr. Nosheen Akbar	Physics	Lahore	Effect of Gluonic Excitations in Meson-Meson Systems	In Process
1482	HEC	Dr. Sobia Baig	Electrical Engineering	Lahore	Wavelet Based Cognitive Radio Network For Green Communication	In Process
1483	HEC	Dr. Aamir Razaq	Physics	Lahore	Development of flexible, Light - Weight And Enviroment Friendly Paper Composites based Super Capacitors and Batteries from Indigenous	In Process

1484	HEC	Dr. Muhammad Ashfaq Ahmad	Physics	Lahore	Growth and Fabrication of Efficient Light Emitting Diodes based on metal oxides as carrier Transport Layers	In Process
1485	HEC	Dr. Saleem Farooq Shaukat	Electrical Engineering	Lahore	Energy Production by Water Salinity Disparity	In Process
1486	HEC	Dr. Salman Naeem Khan	Physics	Lahore	Complex Dielectric Measurement of Materials Over Broad Frequency Range	In Process
1487	HEC	Dr. Muhammad Nisar	IRCBM	Lahore	Photocatalytic Antibacterial Coatings on Biomedical Implants and Other Susceptible Contaminated Surfaces	In Process
1488	HEC	Dr. Majid Naiz Akhtar	Physics	Lahore	Synthesis and Characterization of Hexagonal and Garnet Nanoferrites and Nanocomposites for High Frequency Devices & Applications	In Process
1489	HEC	Dr. Ayesha Jamil	Physics	Lahore	Site Controlled Synthesis and Placement of Indium Arsenide Nanocrystals Via Block-copolymer Lithography for Advanced photonic and Opto-Electronic Applications	In Process
1490	HEC	Dr. Muhammad Asif	Physics	Lahore	Metal Oxide Nanostructure Fabrication And Their Application For Opto & Bio Electronics	In Process
1491	HEC	Dr. Muhammad Kashif Fida	Humanities	Lahore	Career Management Among University Students and Expectations of Employer from Prospective Employees (Student)	In Process
1492	HEC	Dr. Robina Farooq	Chemical Engineering	Lahore	Development of microbial Fuel Cell and Bio Electrochemical Cell: Waste to Energy	In Process
1493	HEC	Dr. Umara Noreen	Management Sciences	Islamabad	Non Profit Organization's Financial Financial Managment Practices & Governance in Pakistan	In Process
1494	HEC	Dr. Farah Ahmad Khan	Chemistry	Abbottabad	Design and Synthesis of Potential Anticancer Molecules using [4+3] Cycloaddition Methodology	In Process
1495	HEC	Dr. Amara Mumtaz	Chemistry	Abbottabad	Design and Synthesis of Acrylic-Pyrazolyl-Chromenyl Linked Five-Membered Heterocycles for Low Cost Organic Photovoltaic Devices	In Process
1496	HEC	Dr. Athar Hussain	Meteorology	Islamabad	Diagnosis And Attribution of Recent Climate Change In Pakistan	In Process
1497	HEC	Dr. Muhammad Arshad	Chemistry	Abbottabad	An efficient Asymmetric Total Synthesis of a Potent Anti-Tuberculosis Drug (R207910)	In Process
1498	HEC	Dr. Sujhat Ali Khan	Pharmaceutical Sciences	Abbottabad	Formulation And Biopharmaceutical Analysis of Sustained Released Nanoparticles of Rabeprazole	In Process
1499	HEC	Dr. Altaf Karim	Physics	Islamabad	Setting up a high Performance Computing Framework for Affordable Alternative Fuel Catalysis Discovery Accelerating The Discovery of Affordable Alternative Fuel Catalysis Through High Performance Computing	In Process
1500	HEC	Dr. Muhammad Ajmal	Biosciences	Islamabad	Molecular Basis of Rheumatoid Arthritis in Pakistan	In Process
1501	HEC	Dr. Jamshaid Ahmed	Management Sciences	Attock	Mental And Physical Well Being of Young Pakistani Athletes And Coaches	In Process

1502	HEC	Dr. Jamshaid Ahmed	Management Sciences	Attock	Treatment of Youth Depression through Cognitive Behavioral Therapy: A Scientific Study For Attock District	In Process
1503	HEC	Dr. Saima Feroz	Biosciences	Islamabad	Synthesis, Characterization of Gelation Functionalized Graphene Nanosheets And Their PVA Based Nanofibers, and Their Efficacy In Bladder Cancer Therapy	In Process
1504	HEC	Dr. Muhammad Jawad Khan	Biosciences	Islamabad	Identification miRNAs As a Diagnostic Method in Chronic Kidney Disease Patients and in Sillico Discover of Their Potential Regulators	In Process
1505	HEC	Mr. Awais Ali	Physics	Islamabad	Hydrogen Production using modified TiO ₂ Electrodes by Photo catalysis	In Process
1506	HEC	Dr. Ghazanfar Abbas	Physics	Islamabad	Cost Effective Nano-composite for Fuel Cell and Electrochemical Characterization	In Process
1507	HEC	Dr. Asma Tufail	IRCBM	Lahore	Development of novel Functionalized Polyoxometalates Based Potential Antineoplastic Agents	In Process
1508	HEC	Dr. Nazar Abbas Shah	Physics	Islamabad	Fabrication and Characterization of Mercury cadmium telluride thin films IR detectors	In Process
1509	HEC	Dr. Wajahat Mahmood	Pharmaceutical Sciences	Abbottabad	Evaluation of active-site specific B-peptides of Plasmeprin II from plasmodium falciparum as Anti-Malarial therapeutic Agents	In Process
1510	HEC	Dr. Mushtafa Nawaz Shafat	Biosciences	Islamabad	Predictive Bio-available Phosphorus release from animal manure	In Process
1511	HEC	Dr. Imran Ali	Management Sciences	Lahore	Development of Framework to Improve Personal Finance Knowledge and skills and Financial Risk Mitigation Strategies among Households in Pakistan	In Process
1512	HEC	Dr. Jamshed Iqbal	Pharmaceutical Sciences	Abbottabad	Synthesis and Pharmacological Evaluation of the NPP2 Inhibitors As Novel Anticancer Drugs	In Process
1513	HEC	Dr. Syed Tauqir A Sherazi	Chemistry	Abbottabad	Upgradation of Material Chemistry Research Laboratory	In Process
1514	HEC	Dr. Umar Farooq	Electrical Engineering	Lahore	Development of a demonstrator of a Stack-based FPGA architecture using 3D technology process	In Process
1515	HEC	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Synthesis of Novel mixed matrix membranes for biogas purification	In Process
1516	HEC	Dr. Habib Bokhari	Biosciences	Islamabad	Bacterial outer membrane proteins as drug targets	In Process
1517	HEC	Dr. Asim Ali Khan	Electrical Engineering	Lahore	Radio frequency interference reflection in sparse array antennas	In Process
1518	HEC	Dr. Rashid Amin	IRCBM	Lahore	Structural DNA nanotechnology designing and application	In Process
1519	HEC	Dr. Aslam Khan	Physics	Islamabad	Synthesis and characterization of nanoparticles of Gd ₅ Si ₄ and related materials using laser Ablation technique	In Process
1520	HEC	Dr. Ahmad Ali	Biosciences	Sahiwal	Genomics of beef production traits in Dajal, Dhanni and Tharpakar cattle breeds of Pakistan	In Process

1521	HEC	Dr. Qaisar Abbas	Biosciences	Sahiwal	Development and implemenatation of computational intelligent methods for biological researchers in Pkistan	In Process
1522	HEC	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Building capabilities for crop improvement by decoding the mysteries of major threat (Rust) to wheat using next generation sequencing (NGS) I Pakistan	In Process
1523	HEC	Dr. Abdul Mannan	Life Sciences Service Center	Abbottabad	Grant for maintenance of scientific equipments	In Process
1524	HEC	Dr. Abdul Mannan	Life Sciences Service Center	Abbottabad	Grant for maintenance of scientific equipments	In Process
1525	HEC	Dr. Muhammad Bilal	Environmental Sciences	Abbottabad	Grant for Maintenance of Scientific Equipments	In Process
1526	HEC	Dr. Abdul Mannan	Life Sciences Service Center	Abbottabad	Grant for maintenance of scientific equipments	In Process
1527	HEC	Dr. Abdul Mannan	Life Sciences Service Center	Abbottabad	Grant for maintenance of scientific equipments	In Process
1528	HEC	Dr. Fauzia Yousaf Hafeez	Biosciences	Islamabad	Grant for maintenance of scientific equipments	In Process
1529	HEC	Prof. Dr. Fauzia Y. Hafeez	Biosciences	Islamabad	Grant for maintenance of scientific equipments	In Process
1530	HEC	Dr Tajammal Hussain	Statistic	Lahore	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1531	HEC	Dr Imran Ali	Management Sciences	Lahore	Application for Hec Post Doctoral Fellow Ship Phase ii ,Batch VII	In Process
1532	HEC	Dr. Maleeha Azam	Biosciences	Islamabad	Genetic analysis of progressive inherited retinal dystropy	In Process
1533	HEC	Dr. Muhammad Saleem	Physics	Lahore	Metal Oxide nanostructures: Synthesis, characterizations and applications in DSSCs	In Process
1534	HEC	Dr. Shafaqat Ali Shad	Computer Science	Wah	Mobility based surveillance system using the geo-grid approach (A Mobility Tracking application for urban mobility recommender system)	In Process
1535	HEC	Dr. Ismat Nawaz	Biosciences	Islamabad	Co-expression of chsosi and atnxl driven under the same romoter for the enhancement of salinity tolerance in plant	In Process
1536	HEC	Dr. Muhammad Khurshid	Biosciences	Sahiwal	Identification and molecular characterizations of ORA47 interacting partners oto understand Jasmonic acid biosynthesis in arabidopsis thliana	In Process
1537	HEC	Dr. Adnan Ahmad	Computer Science	Lahore	A Socio-technical model for managing customers online rights	In Process
1538	HEC	Dr. Wajiha Khan	Environmental Sciences	Abbottabad	Characterization of pseudomonas aeruginosa biofilm isolated from animate and inanimate hospital environment	In Process
1539	HEC	Dr. Abdul Rauf Siddiqi	Biosciences	Islamabad	Structural basis of nitric oxide signaling: A bioinformatics approach to cure cardiovascular disorders	In Process
1540	HEC	Dr. Qadeer Baig	Computer Science	Abbottabad	Automated indoor maping and tagging of different room types (class rooms, labs etc) stairs cases, corridors an dressing rooms of a campus building using a small mobile robot equipped with a camera and laser scanner	In Process
1541	HEC	Dr. Muhammad Imran Malik	Management Sciences	Attock	Postal services in Pakistan: Pakistan post or TCS	In Process

1542	HEC	Dr.Farasat Iqbal	IRCBM	Lahore	Electrochemical deposition of bioactive coatings on surgical grade stainless steels	In Process
1543	HEC	Dr. Robina Shahid	IRCBM	Lahore	Wet chemical routes for synthesis of semiconductor metal oxide nanoparticles for potential biomedical applications	In Process
1544	HEC	Dr. Ayesha Sohail	Mathematics	Lahore	Numerical study based on the effect of surfactants on the formation and evolution of capillary waves and of capillary gravity waves	In Process
1545	HEC	Dr. Saeef Ullah Chaudhry	Computer Science	Lahore	Design and development of the mesh partitioning algorithm for a distributed numerical estimation of partial differential equation models of extra cellular environments using CUDA graphical processing units arrays	In Process
1546	HEC	Dr. Muhammad Jamil	Biosciences	Islamabad	screening wheat cultivars for salinity tolerance in Pakistan	In Process
1547	HEC	Dr. Ayesha Anjum	Physics	Lahore	Quantification and classification of lung cancer by using FDG-PET	In Process
1548	HEC	Dr. Junaid Amjad	Physics	Lahore	spectroscopic investigation of ER ³⁺ doped phosphate glass	In Process
1549	HEC	Dr. Muhammad Mohsin Riaz	CAST	Islamabad	High dynamic range imaging	In Process
1550	HEC	Dr. Naseer Ahmad	Environmental Sciences	Abbottabad	comparative evaluation of bacterial diversity from GM and No-GM maize rhizosphere based on 16S rRNA gene sequencing	In Process
1551	HEC	Dr. Muhammad Shahid Nazir	Chemical Engineering	Lahore	Green synthesis and characteristics of magneto-cellulose for potential applications in sensors	In Process
1552	HEC	Dr. Muhammad Rizwan	Chemical Engineering	Lahore	Synthesis and characterization of various sulfated solid acid catalysts and their applications for biodiesel production from low cost	In Process
1553	HEC	Ayesha Taher	Biosciences	Islamabad	Screening of synthetic wheat lines for drought tolerance using morpho-physiological traits and "Omics tools"	In Process
1554	HEC	Dr. Muhammad Bashir	Physics	Islamabad	Development of Microplasma source for surface modification of microchannels and biomedical application	In Process
1555	HEC	Dr. Zartashia Akram	Biosciences	Islamabad	Effects of arsenic exposure on antioxidant enzymes in female rats: a dose dependent study	In Process
1556	HEC	Dr. Majid Jamal Khan	Management Sciences	Wah	Developing a bankruptcy prediction model for Pakistani firms	In Process
1557	HEC	Dr. Nighat Fatima	Pharmaceutical Sciences	Abbottabad	Isolation and biological evaluation of endophytes of nerium oleander	In Process
1558	HEC	Dr. Ahsan Illahi	Physics	Islamabad	Electromagnetic Field Simulations in RF Cavities	In Process
1559	HEC	Dr. Zaheer Abbas Kasmi	Civil Engineering	Wah	Seismic stresses and damage mechanisms of underground structures	In Process
1560	HEC	Dr. Ishrat Sultana	Physics	Lahore	Fabrication and magnetic characterization of Au-Ni-NiO-Au Nanowires	In Process
1561	HEC	Dr. Syed Rameez Naqi	Electrical Engineering	Wah	Design of a library of fault-tolerant asynchronous logic primitives	In Process

1562	HEC	Dr. Manzoor Ahmad Zahid	Computer Science	Islamabad	Optional solution of the boundary value problem arising in human physiology	In Process
1563	HEC	Dr. Ali Sohaib	Electrical Engineering	Islamabad	3D Surface estimation using photometric stereo and light fall off stereo	In Process
1564	HEC	Dr. Aimal Tariq Texin	Computer Science	Islamabad	Networks improved link prediction in social networks	In Process
1565	HEC	Dr. Shahid Masood Shah	Environmental Sciences	Abbottabad	Molecular characterization of barberis lycium (Medicinal Plant) in lower Himalaya	In Process
1566	HEC	Dr. Asim Mehmood	Biosciences	Islamabad	Evaluation of Inter-cultivar genetic diversity of Mango for improvement of commercial varieties in Pakistan	In Process
1567	HEC	Dr. Naima Amin	Physics	Lahore	Optimization of image quality of MRI by the analysis of SNR, CNR and spatiol resolution of brain and spine	In Process
1568	HEC	Dr. Farrukh Jamil	Biosciences	Sahiwal	Production of B io-degradable plastic from rapeseed press cake	In Process
1569	HEC	Dr. Yasar Sajjad	Environmental Sciences	Abbottabad	Response of Gladiolus growth in environmental conditions and effect of chemicals on its vase life	In Process
1570	HEC	Dr.Sara Riaz	Chemical Engineering	Lahore	Uniquinone As An Electrochemical Glutathione Biosensor	In Process
1571	HEC	Ms. Sana Javaid	Chemistry	Abbottabad	Access to scientific instrumentation	In Process
1572	HEC	Ms. Nosheen Arshad	Chemistry	Abbottabad	Access to scientific instrumentation	In Process
1573	HEC	Dr Saif Ur Rehman	Physics	Lahore	Synthesis and Characterization of ZnO and TiO2	In Process
1574	HEC	Ms. Atiya Zahra	Chemistry	Abbottabad	Access to scientific instrumentation	In Process
1575	HEC	Dr. Arshad Jamal	IRCBM	Lahore	Does Interleukin IL-6 (IL-6) pretreatment alter rat mesenchymal stem cell (MSCs) regenerative potential	In Process
1576	HEC	Dr. Touseef Javed Chaudhery	CAST	Islamabad	Admission control for congestion control mechanism to be used by Voice applications	In Process
1577	HEC	Dr. Muhammad Waseem	Mathematics	Sahiwal	Development of Iterative Techniques for the nonlinear problems arising in applied sciences	In Process
1578	HEC	Dr. Ghulam Abbas	Mathematics	Sahiwal	Physical process near Non-commutative black holes	In Process
1579	HEC	Dr. Aamira Tariq	Biosciences	Islamabad	Implications of RNA editing in Heart diseases in Pakistan	In Process
1580	HEC	Dr. Arshad Bashir	Virtual Campus	Islamabad	Exploration of distance learning skills among students enrolled in online programs at CIIT Virtual campus	In Process
1581	HEC	Dr. Ahmad Din	Computer Science	Abbottabad	Urban search and rescue in natural disasters using unmanned aerial vehicle (UAV)	In Process
1582	HEC	Dr. Naseer Iqbal	IRCBM	Lahore	Novel Bioresorbable Hybrid Nanocomposites as surgical fixation devices	In Process
1583	HEC	Dr. Arshad Mehmood Abbasi	Environmental Sciences	Abbottabad	Ethnobotanical uses and antioxidant activity of virurnum grandiflorum (Himalayan silver fir: Guch)n A common wiid edible fruit of lesser Himalayas-Pakistan	In Process
1584	HEC	Dr. Imran Khan	Management Sciences	Abbottabad	Savings-Investment behaviors, an investigaton for Pakistan	In Process
1585	HEC	Dr. Zakir Khan	Chemical Engineering	Lahore	Energy production from biomass steam gasification with insitu CO2 adsorption in fluidized bed reactor	In Process
1586	HEC	Dr. Muhammad Hannan Younis	Physics	Islamabad	Study of the effect of 12C targets in the interaction with intense antiproton and Ion beams	In Process

1587	HEC	Dr. Abdul Nazeer	Environmental Sciences	Abbottabad	Taxonomic study of grasses of medicinal value from galyat	In Process
1588	HEC	Dr. Mona Lisa	Principal Seat	Islamabad	Development of National seismic hazard maps using the data of advanced seismic system at Islamabad (ASSI)	In Process
1589	HEC	Dr. Jamshed Iqbal	Pharmaceutical Sciences	Abbottabad	Development of Anti-Malarial assay and identification of Potential Anti-Malarial Drugs	In Process
1590	HEC	Dr. Rashid Saeed	Management Sciences	Sahiwal	Impact of microcredit programs on social capital	In Process
1591	HEC	Dr Abida Kalsoom Khan	Chemistry	Abbottabad	Synthesis and Characterization of Polymer Supported Nano Composites and Study Their Industrial Applications	In Process
1592	HEC	Dr Tayyab Ashfaq	Environmental Sciences	Abbottabad	Plant Based Natural Extracts: A Solution for Low Cost Drinking Water Treatment In Pakistani Scenario"	In Process
1593	HEC	Dr Irfan Sadiq	Biosciences	Islamabad	Dissecting Molecular Mechanisms Involved In Waterlogging Stress Tolerance In Wheat (Triticum Aestivum) By Using Transcriptomic and Proteomic Approaches"	In Process
1594	HEC	Dr Zertashia Akram	Biosciences	Islamabad	Adverse Effects of Chlorpyrifos On Reproductive Health of Young Female Rats	In Process
1595	HEC	Dr Aisha Naem	Biosciences	Islamabad	A Combined Computational and Experimental Approach To Develop Nanoparticles Mediated Anticancer Peptide Drug Delivery System	In Process
1596	HEC	Dr. Azeem Mir	Physics	Islamabad	Study of Rare Decays of Charm(D) and Strange(K) mesons within Super-Symmetry breaking Models	In Process
1597	HEC	Dr Muhammad Saeed	Biosciences	Islamabad	ER- α Promoter DNA-Methylation: An Epigenetic Perspective of Cardiovascular Diseases	In Process
1598	HEC	Dr Sana Sabahat	Physics	Islamabad	Electrochemical and Biological Studies of Gold Nanoparticles for Cancer Treatment and Detection	In Process
1599	HEC	Dr. Abida Kalsoom Khan	Chemistry	Abbottabad	Low Temperature Methane Oxidation Using Metallic Catalysts and Zeolites"	In Process
1600	HEC	Dr Touseef Javed Ch	CAST	Islamabad	A Novel Voice Adaptation Architecture and Congestion Control Mechanism Designed for Real-Time Interactive Application	In Process
1601	HEC	Dr Zulfiqar Ahmad Bhatti	Environmental Sciences	Abbottabad	The Effect of Vacuum Distillation Method On The Essential Oil Contents of Different Rose Varieties (Energy Efficient Vacuum Distillation of Rose Flowers)"	In Process
1602	HEC	Dr Sobia Tabassum	IRCBM	Lahore	Efficient Synthesis of Functionalized N-Heterocyclic Carbene Precursors Their Applications As Catalysts and Potential Anticancer Agents	In Process
1603	HEC	Dr Abdur Rahman Khan	Chemistry	Abbottabad	Development of Prospective Filter Using Different Adsorbent Media For The Removal of Arsenic From Drinking Water	In Process
1604	HEC	Dr. Lubna Tabassam	Physics	Islamabad	Optimization of Life 1-xPo4 (Y)x based cathode for enhanced energy storage in Li Ion battery cell	In Process
1605	HEC	Dr Syed Habib Bokhari	Biosciences	Islamabad	Analysis of Bordetella Pertussis Population In Pakistan, Epidemiology and Disease Burden	In Process

1606	HEC	Dr. Taous Khan	Pharmaceutical Sciences	Abbottabad	Bioassay- guided isolation and structure elucidation of vasorelaxant constitute from urtica dioica and viscum album	In Process
1607	HEC	Dr Nazish Bostan	Biosciences	Islamabad	Development of serology baed diagnostic tool fo the detection of foot and mouth disease virus (FMDV)	In Process
1608	HEC	Dr Sadia Naseem	Biosciences	Islamabad	Production of broad Spectrum Antibodies for Molecular Diagnosis of Plant Viruses	In Process
1609	HEC	Dr. Kiran Munir	Biosciences	Islamabad	Analysis of Metal Resistance in PGPR A Proteomic Approach	In Process
1610	HEC	Dr Farrakh Shahzad	Physics	Islamabad	Transport and Magnetic Properties of Graphene	In Process
1611	HEC	Dr. Asad Muhammad Khan	Chemistry	Abbottabad	Interfacial charges, resulting stability and recovery of colloidal metal & metal oxide nanoparticles using cloud point extraction at room temperature	In Process
1612	HEC	Dr. Muhamad Shahid	Environmental Sciences	Vehari	Assessment of Heavy metal and metalloid contamination speciation at Lal Suhanra Biosphere Reserve, Pakistan	In Process
1613	HEC	Dr. Rashid Amin	IRCBM	Lahore	Extraction on Natural polymers for organic hydrogel production	In Process
1614	HEC	Dr.Rafaqat Ali Khan	Chemistry	Abbottabad	Use of Quantum dots as an anodic material for dye sensitized solar cells (DSSCs)	In Process
1615	HEC	Dr. Ghulam Abbas	IRCBM	Lahore	Design and Development of Novel Nonmagnetic Material for Electronic stronic storage	In Process
1616	HEC	Dr. Iqtidar Ali shah	Management Sciences	Abbottabad	An Investigation of Pro-Poor Development project in Pakistan	In Process
1617	HEC	Dr. Qazi Najmu-us-Saqib	Pharmaceutical Sciences	Abbottabad	Analysis of Anti Venom Phytopharmaceuticals from Indigenous Plants	In Process
1618	HEC	Dr.Samina Mazhar Ashraf	Mathematics	Lahore	Generalized Fuzzy Inclusion and Similarity	In Process
1619	HEC	Dr. Aamer Wali Rauf	Physics	Islamabad	Charm Mesons Multiplicity and Flow Studies Using ALICE@LHC@CERN	In Process
1620	HEC	Dr. Abdul Sattar	Physics	Lahore	Indigenous Fabrications of Inert gas Aggregation Atomic Cluster/nanoparticle Source	In Process
1621	HEC	Dr. Ayesha Baid	Environmental Sciences	Abbottabad	Transcriptional regulators involved in biotic and abiotic stress response in tomato	In Process
1622	HEC	Dr. Amir Waseem	Chemistry	Abbottabad	Long Path Absorbance Spectroscopy, Instrumental Development in Flow system using small samples in solutions	In Process
1623	HEC	Dr. Arshad Jamal	Interdisciplinary Research Center in Biomedical Materials (IRCBM)	Lahore	Development of biomaterial-assisted stem cell-based therapy for diabetes in Pakistan	In Process
1624	HEC	Dr. Ahsan Bashir	Humanities	Lahore	Use of technology in the classroom	In Process
1625	HEC	Dr. Imran Anwar	Mathematics	Lahore	Facet ideal of shellable simplicial complexes and multi-complexes	In Process
1626	HEC	Dr. Habil Shamsul Qamar	Mathematics	Islamabad	Numerical Investigation of Simulated Moving Bed Chromatographic Processes"	In Process
1627	HEC	Dr. Adeem Mehmood	Chemistry	Abbottabad	A facile enantioselective synthesis of (+) - (R) - concentricolide (A natural alkhald)	In Process

1628	HEC	Dr. Qaisar Abbas	Management Sciences	Islamabad	Pakistan Policy Mapping study	In Process
1629	HEC	Dr. Muhammad Naeem	Computer Science	Sahiwal	Production of Characterization of new Square free ideal associate to a graph decomposition	In Process
1630	HEC	Dr. Amir Haider Malik	Meteorology	Islamabad	Integrated Urban water Management (IUWM) of Gumrah Kas (Stream) With Special Reference to new Campus of COMSATS, Islamabad	In Process
1631	HEC	Dr. Muhammad Naeem	Computer Science	Sahiwal	Mixed symbolic powers of monomial ideal of a graph and its persistence property	In Process
1632	HEC	Dr. Maqsoodul Hasan Nuri	Center for Policies Studies	Islamabad	Socio-economic challenges after US/ NATO exit from Afghanistan: The impact on Pakistan	In Process
1633	HEC	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Improvement in economic efficiency of biogas production form solid waste	In Process
1634	HEC	Dr. Muhammad Qaiser Shahbaz	Mathematics	Lahore	Generalized family of Hyper geometric function distribution	In Process
1635	HEC	Dr. Taous Khan	Pharmaceutical Sciences	Abbottabad	Bioassay-Guided Isolation and Identification of Cytotoxic Constituents from Selected Ferns of Hazara Division	In Process
1636	HEC	Dr. Ghulam Abbas	Pharmaceutical Sciences	Abbottabad	Exploring genotoxic potential of herbs commonly used inkstand	In Process
1637	HEC	Dr. Ghulam Murtaza	Pharmaceutical Sciences	Abbottabad	Fabrication and Evaluation of Optimized formulation Containing aspirin and Clodpidogrel Bisulfate in Combination	In Process
1638	HEC	Dr. Imran Usman	Center for Advance Studies	Islamabad	Abnormal crowd behavior detection for time varying moving sequences in Public Spaces	In Process
1639	HEC	Dr. Muhammad Yar	IRCBM	Lahore	Vinyl sulfonium salt mediated novel approach to anti cancer drugs targets Asymmetric synthesis of mitomycin eandegues	In Process
1640	HEC	Dr. Waqar Ahmad	Physics	Islamabad	Nanogenerators: Harvesting of the random mechanical energy	In Process
1641	HEC	Dr. Waqar Ahmad	Physics	Islamabad	Energy harvesting and old field imaging using piezoelectric nanvires	In Process
1642	HEC	Dr. Ghulam Abbas	IRCBM	Lahore	Indigenous development of injectyable bioceramics for potential osteological application	In Process
1643	HEC	Dr. Muhammad Asif	Physics	Lahore	Fabrication, Characterization and applications of nanostructures(ZnO, Silicon and graphen) to intracellular environment	In Process
1644	HEC	Dr. Abdus Sattar Abbasi	Management Sciences	Lahore	Impact of Energy deficit on small Industries of Pakistan and Strategies to deal with this Crisis	In Process
1645	HEC	Dr. Waqas Khalid	Physics	Islamabad	Fabrication of quantum based electrochemical sensors	In Process
1646	HEC	Dr. Rani Faryal	Biosciences	Islamabad	Mutational and expressional Variations of Syk ene in Allergic Asthmatic Patients	In Process
1647	HEC	Dr. Zakir Hussain	Chemistry	Abbottabad	Design and Synthesis of Rigid Core Emetics	In Process
1648	HEC	Dr. Khurshid Ayub	Chemistry	Abbottabad	Rational Design of Oligosiloxane Decorated Climatic Ferroelectrics with Low Orientation Order	In Process

1649	HEC	Dr. Muhammad Qaiser Fatmi	Biosciences	Islamabad	Finding Drug candidates for Tyrosine kinase (TK) using computational-aided Rational drug design to combat cancer	In Process
1650	HEC	Dr. Amara Mumtaz	Chemistry	Abbottabad	Synthesis Characterization and biological evaluation of 2-pyran derivatives as selective cyclooxygenase inhibitors	In Process
1651	HEC	Dr. Sultan Hussain	Mathematics	Abbottabad	Valuations and Discrete Time Hedging of the Options in Jump -Diffusion Process	In Process
1652	HEC	Dr. Mustafa Shakir	Electrical Engineering	Islamabad	Underwater Wireless Sensor Networks for Water Quality Monitoring and Surveillance	In Process
1653	HEC	Dr. Muhammad Amin	Electrical Engineering	Wah	Quality Enhancement of Modern Electrical Insulation with nano Fillers	In Process
1654	HEC	Dr. Robina Farooq	Chemical Engineering	Lahore	Recovery of Precious Metals (Gold, Silver, Copper) from waste Printed Circuit Boards (PCBs)	In Process
1655	HEC	Dr. Syed Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Free-enzyme catalyst for the bioremediation of organophosphates	In Process
1656	HEC	Dr. Qaisar Abbas	Management Sciences	Islamabad	Factors Involved in Business Creation, Development and Growth in Pakistan	In Process
1657	HEC	Dr. Muhammad Idrees	Physics	Lahore	Synthesis and characterization of low dimensional multiferroic structures	In Process
1658	HEC	Dr Ghulam Abbas	Pharmaceutical Sciences	Abbottabad	Providing Scientific Evidences To The Folkloric Antidepressants of Pakistan”	In Process
1659	HEC	Dr. Muhammad Amin	Electrical Engineering	Wah	Improving Mechanical properties of Silicon Insulating Rubber	In Process
1660	HEC	Dr Jamshed Iqbal	Pharmaceutical Sciences	Abbottabad	Development of Aldose Reductase Inhibitors As Potential Drugs for The Treatment of Diabetic Complications	In Process
1661	HEC	Dr Wajahat Mahmood	Pharmaceutical Sciences	Abbottabad	New Drug Development for Scabies	In Process
1662	HEC	Dr. Maleeha Azam	Biosciences	Islamabad	Genetic Analysis of Congenital Night Blindness	In Process
1663	HEC	Dr. Ramla Shahid	IRCBM	Lahore	4. Genetic an environmental determinants for susceptibility to osteoporosis in Pakistani population by	In Process
1664	HEC	Dr. Mazhar Amjad Gilani	Chemical Engineering	Lahore	Development of Camphor Based Novel Chiral Ionic Liquids- the Greener Solvents	In Process
1665	HEC	Dr Sohail Anjum Shahzad	Chemistry	Islamabad	Novel Synthesis Approaches Toward Indole Scaffolds	In Process
1666	HEC	Dr Abdul Jabbar Shah	Pharmaceutical Sciences	Abbottabad	Establishment of Intracellular Calcium and Nitric Oxide Measurement Facilities To Promote Biomedical Research In The Country”	In Process
1667	HEC	Dr. Salman Naeem Khan	Physics	Lahore	Characterization of Microwave Devices and Antenna Pattern Measurement in Anechoic Chamber	In Process
1668	HEC	Dr. Aftab Khan	Mathematics	Islamabad	Clean energy future	In Process
1669	HEC	Dr. Shujaat Ali Khan	Pharmaceutical Sciences	Abbottabad	Preparation of directly compressed sparfloxacin 200mg tablets and its pharmacokinetic study in local population	In Process

1670	HEC	Dr Javeed Akhtar	Physics	Islamabad	Synthesis and Characterization of New Bipodal N,N Dialkyl N'-Acyl Selenourea As Single Molecular Precursors for Deposition of CuInSe ₂ /ZnInSe ₂ Nanoparticles & Thin Films”	In Process
1671	HEC	Dr Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of tunable High Efficiency Polymer Electrolyte Membranes for Fuel Cells Applications”	In Process
1672	HEC	Dr Afsar Khan	Chemistry	Abbottabad	Bioassay-guided Isolation of The chemical Constituents of The Fungi of Pakistan and Their Biological Activities	In Process
1673	HEC	Dr. Sobia Taassum	IRCBM	Lahore	Organic Fictionalizations of carbon nanotubes (CNTs) for Improve Mechanical strength of HA/ Polymer composites for osteological applications	In Process
1674	HEC	Dr Khizar Hayat	Chemistry	Abbottabad	Use of Banana Waste Flour As A Value Added Product”	In Process
1675	HEC	Dr. Tajammal Hussain	Mathematics	Lahore	Quality Management Practices and their Impact on Organizational Performance. A case of SMEs in Pakistan	In Process
1676	HEC	Dr Khurshid Ayub	Chemistry	Abbottabad	Quantum Mechanical Investigation on Acceleration of Electrocytic Reaction Through Transition Metal Catalysis	In Process
1677	HEC	Dr. Ghulam Murtaza	Pharmaceutical Sciences	Abbottabad	New Anti-Atherothrombotic topical formulation	In Process
1678	HEC	Dr. Asghar Naeem Malik	Management Sciences	Islamabad	Case Studies on Corporate Governance and Corporate Social responsibility Best Practices in Pakistan	In Process
1679	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Analysis of Phosphorus flows and budget at regional scale in cotton-wheat zone of Punjab, Pakistan. Better agricultural production and environmental sustainability	In Process
1680	HEC	Dr Aneela Malik	Chemistry	Abbottabad	A Rational Approach for Developing New Antimicrobial Agents Based On “Medicinally Privileged Novel Sciff Bases, Their Metal (II) Complexes and Suzuki-Miyaura Derivative of Indenofluorene Diones	In Process
1681	HEC	Dr. Sobia Baig	Electrical Engineering	Lahore	Design and Implementations of a Hybrid Digital Communication System based on Power Line and Wireless Communication for Smart Grid Applications.	In Process
1682	HEC	Dr. Syed Muhammad Irfan	Mathematics	Lahore	TQM as strategic choice to boost operational and organizational performance: a case study of public sector hospitals in Pakistan	In Process
1683	HEC	Dr. Sobia Tabassum	IRCBM	Lahore	Synthesis of Anticancer Hybird Imidazolium/Inium Salts and their Targeted Deliveryby Nanomaterials	In Process
1684	HEC	Dr. Muhammd Amin	Electrical Engineering	Wah	Improving properties of silicon insulating rubber using Nano fillers	In Process
1685	HEC	Dr Muhammad Waseem,	Physics	Islamabad	Design, Characterization and Applications of Various Coated and Uncoated Nanoparticles	In Process
1686	HEC	Dr. Tariq Mahmood	Chemistry	Abbottabad	Design of Harman Based Cyanine Dyes and their Application in Chemical Biology and Textile Industry	In Process

1687	HEC	Dr Khalid Rauf	Pharmaceutical Sciences	Abbottabad	Behavioral and Neurochemical Analysis of The Folkloric Medicinal Plants for Nicotine Sensitization, Dependence and Withdrawal	In Process
1688	HEC	Dr. Jamshed Iqbal	Pharmaceutical Sciences	Abbottabad	Development Characterization and Cytotoxicity of Polyoxometalate nanocomposites as Drugs delivery Particles	In Process
1689	HEC	Mr. Aziz Ahmad Qureshi	Physics	Islamabad	Study of uplift history of northern areas of Pakistan using fission track dating	In Process
1690	HEC	Dr. Muhammad Tahir Yaqoob	Management Sciences	Sahiwal	Social polarization and Text: a critical study of in-group and out-group representation in Pakistan textbooks	In Process
1691	HEC	Dr Farhan Ahmed Khan	Chemistry	Abbottabad	“[4+3] Cycloadditions: A Versatile Methodology for Constructing Novel 7-Membered Heterocyclic Scaffolds In Search of Potential Anti-Cancer Agents	In Process
1692	HEC	Dr Afsar Khan	Chemistry	Abbottabad	Isolation, Structure Elucidation and Biological Activities of The Chemical Constituents of The Plants Belonging To Family Rosaceae and Malvaceae	In Process
1693	HEC	Dr Imran Malik	Chemistry	Abbottabad	Synthesis of Biologically Active Polyheterocyclic Compounds by Palladium Catalyzed Cross Coupling Reaction	In Process
1694	HEC	Dr Bushra Ismail	Chemistry	Abbottabad	Deposition and Design of A Solar Cell Structure Based on Bismuth Trisulphide: An Efficient Thin Film Light Absorber Material	In Process
1695	HEC	Dr Asma Tufail	IRCBM	Lahore	Synthesis and Characterization of Potentially Biological Active Polyoxometalates Based Drugs	In Process
1696	HEC	Dr Sadullah Mir	Chemistry	Abbottabad	Development of Thermoplastic Nanocomposites for Sustainable Environment”	In Process
1697	HEC	Dr Jibran Iqbal	IRCBM	Lahore	Development of Antibacterial Dental Adhesives Through Photocatalysis of Titanium Dioxide	In Process
1698	HEC	Dr Umar Farooq	Chemistry	Abbottabad	Bioactivity Guided Isolation of Anticancer Compounds from Some Selected Species of Genus Launeae	In Process
1699	HEC	Arch. Uzma Noren Zain	Architecture	Islamabad	The effects of quality of indoor environment on user satisfaction and building costs for institutional building: Post occupancy evaluation of three buildings of CIIT Islamabad	In Process
1700	HEC	Dr. Zafar Iqbal	Chemistry	Abbottabad	towards the formulation of third generation photosensitizers for targeted photodynamic therapy of cancer	In Process
1701	HEC	Dr. Nargis Khalid	Architecture	Islamabad	The line as the most powerful tool for communication in visual art	In Process
1702	HEC	Dr. Muhammad Abid	Mechanical Engineering	Sahiwal	Participation in research activities on thermal transport properties of solids and fluids	In Process
1703	HEC	Dr. Muhammad Hammad Aziz	Physics	Lahore	Nanoparticles drug delivery and photodynamic effect for cancer treatment	In Process
1704	HEC	Dr. Muhammad Arfan	Chemistry	Abbottabad	Synthesis and biological screening of B-Peptides analog of neurotension NT (8-13)	In Process

1705	HEC	Dr. Saleem Ahmed Shah Bokhari	Biosciences	Islamabad	Confirmation of effect of a herbal; medicine against hepatitis C Virus infection	In Process
1706	HEC	Dr. Muhammad Zubair	Humanities	Lahore	Islam and orientalist	In Process
1707	HEC	Dr. Aisha Naeem	Biosciences	Islamabad	Identification of potential drug targets in obese renal patients and insilico discovery of their potential inhibitors	In Process
1708	HEC	Dr. Tariq Mahmood	Chemistry	Abbottabad	BRACO-19 based water soluble fluorophores: Application s specific probes for biomolecules	In Process
1709	HEC	Dr. Zafar Iqbal	Chemistry	Abbottabad	Evaluating photodynamic action of tetra-and octaglycosylated zinc phthalocyanines against lung cancer cell line	In Process
1710	HEC	Dr. Bilal Mirza	Centre for Policy Studies	Islamabad	Energy access impact assessment of industrial units operating informally: the case of industrial cities of Punjab	In Process
1711	HEC	Dr. Rashid Saeed	Management Sciences	Sahiwal	A survey of implementation of activity-based costing in power sector of Paksitan	In Process
1712	HEC	Dr. Ghulam Murtaza	Pharmaceutical Sciences	Abbottabad	Fabricationand analysis of docetaxel-loaded thermosensitive liquid suppository	In Process
1713	HEC	Dr. Khurram Mehboob	Physics	Islamabad	Simulation of fission product, corrosion product and activagtion product activity in reactor accident condition	In Process
1714	HEC	Dr. Syed Javaid Iqbal	Physics	Lahore	Solar System for Physics department CIIT, Lahore	In Process
1715	HEC	Dr. Faisal Abbas	Management Sciences	Islamabad	Investigating Child Undernutrition in Pakistan: Issues and Challenges of Public Health	In Process
1716	HEC	Dr. Shahid Ahmad Rajput	Architecture	Islamabad	Documentation of the cultural Heritage of the Potohar Region with NCA	In Process
1717	HEC	Dr. Asim Mehmood	Biosciences	Sahiwal	Characterization and genotyping of potential citrus rootstocks by using molecular approaches	In Process
1718	HEC	Dr. Nighat Fatima	Pharmaceutical Sciences	Abbottabad	Isolation and Biological evaluation of Endophytes of Tamarix Aphlla	In Process
1719	HEC	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	A Comparative Syudy of Salt Tolerance Among Local Wild Species Indigenous to Salt-Range (Kalar Kahar)	In Process
1720	HEC	Mr. Muhammad Shakeel	Biosciences	Islamabad	Expression Analysis of PQQC operon Associated with Zinc Solubilizing ability of Serratia marcescence (SM)	In Process
1721	HEC	Dr. Farasat Iqbal	IRCBM	Lahore	Electrochemical deposition of bioactive coatings on surgical grade stainless steel	In Process
1722	HEC	Dr. Muhammad Khurram Bhatti	Electrical Engineering	Lahore	Design Development and Testing of Multicore scheduling Strategies for Performance-Constrained embedded System	In Process
1723	HEC	Dr.Noaman-Ul-Haq	Chemical Engineering	Lahore	Production and Characterization of Graphene and Its Application in Nanocomposites	In Process
1724	HEC	Dr. Tanvir Akbar Kayani	Mathematics	Islamabad	Simulation of three-dimensional flows Past Infinite Cylindrical Bodies	In Process
1725	HEC	Dr. Sadullah Mir	Chemistry	Abbottabad	Active Nanoreservoirs based Medicinal Scaffold for Regenerative Nanomedicine	In Process
1726	HEC	Mr.Kamran Hafeez	Electrical Engineering	Islamabad	HVDC System Stability Study using PSCAD/EMTDC	In Process

1727	HEC	Dr. Malik Fahim Bashir	Management Sciences	Abbottabad	What Derives Education Quality of Public and Private Schools: An Empirical Investigation of District Poonch Azad Jammu&Kashmir	In Process
1728	HEC	Dr. Adeel Mehmood	Biosciences	Islamabad	Spatial Distribution and Screening -level Risk Assesment of Presistent Organic Pollutants in the Cereal Crops and Environmental Compartments along upstream Tributaries of the river Chenab Pakistan	In Process
1729	HEC	Dr. Abdul Wahid	Computer Science	Islamabad	Research On distance based routing protocols ERP2R,RERP2R,EEDBR for Underwater Wireless Sensor Networks	In Process
1730	HEC	Dr. Muhammad Fahad	Electrical Engineering	Abbottabad	The effect of Particle Size on Decomposition and Kinetics of Calcite and Dolomite Marbles	In Process
1731	HEC	Dr. Adam Khan	Electrical Engineering	Islamabad	Study of thermoelectric materials for power generation	In Process
1732	HEC	Col. Anjum Hussain Shah	Energy Research Centre	Abbottabad	Grant for maintenance of scientific equipments	In Process
1733	HEC	Dr. Rizwan Naseer	Humanities	Islamabad	Institutionalizing security of nuclear weapons: Nuclear security summits and Pakistan's Response	In Process
1734	HEC	Mr. Hassan Shahzad	Electrical Engineering	Islamabad	MR image reconstruction using PMRI and cimpresed sensing	In Process
1735	HEC	Dr. Muhammad Fraz Bashir	Physics	Lahore	Stabilizatin of drift waves in permeating plasmas	In Process
1736	HEC	Mr. Gabriel O. Anyanwu	Pharmaceutical Sciences	Abbottabad	Access to scientific instrucementation	In Process
1737	HEC	Sardar Muhammad Gulfam	Electrical Engineering	Islamabad	Geometrically based modeling and characterization of 3D aeronautical redio propagation channels	In Process
1738	HEC	Mr. Abrar Ahmed	Electrical Engineering	Islamabad	Geometric modeling and characterization of 3-D land mobile radio cellular propagation channels	In Process
1739	HEC	Dr. Ahmad Ali	Biosciences	Sahiwal	Institutional Strengthening / up gradation Strengthening of Bioinformatics laboratory for contemporary high speed and big data analysis for academic and research purpose	In Process
1740	HEC	Dr. Nabil Khurshid	Management Sciences	Islamabad	Gender dimensions of AKRSP's health related interventions: cross sectional evidences from Gilgit Baltistan	In Process
1741	HEC	Dr. Sidra Rehman	Environmental Sciences	Abbottabad	Molecular and mechanistic studies of selected medicinal plants for the treatment of hepatitis C virus by inhibiting core gene expression of genotype 3A	In Process
1742	HEC	Dr. Rehan Ahmed	Meteorology	Islamabad	Modeling of black carbon over Pakistan using remote sensing	In Process
1743	HEC				Impact of sugar industry in cotton proucing areas of southern Punjab: Evidence of core cotton Zone of Punjab Pakistan	In Process
1744	HEC	Dr. Habib Ullah	Electrical Engineering	Wah	Vision-based surveillance system for public safety	In Process
1745	HEC	Dr. Shabbar Abbas	Biosciences	Islamabad	Curcumin-loaded nanocapsule suspensions: assessment of their antioxidant potential and curcumin bioavailability in vivo	In Process
1746	HEC	Dr. Muhammad Faheem	Biosciences	Islamabad	Molecular analysis of dravet syndrome spectrum disorders in Pakistan population	In Process

1747	HEC	Dr. Abu Bakr Umer Farooq	Environmental Sciences	Vehari	Effects of different seasons of virus titers in temperate fruits grown in KPK province of Pakistan	In Process
1748	HEC	Dr. Asif Waheed	Mathematics	Attock	On some analytical and numerical techniques for solving fractional differential equations arising in Mathematical physics	In Process
1749	HEC	Dr. Amir Rafique	Management Sciences	Islamabad	Circuit breakers, signaling, and overreaction in Pakistan stock market: a case of the KSE	In Process
1750	HEC	Dr. Neelam Akram	Biosciences	Islamabad	Characterization of Vibrio Cholera strains and their fitness in relation to survival in a competitive water environment	In Process
1751	HEC	Dr. Sheraz Ahmad	Chemistry	Abbottabad	Targeting AMPK for in Silico search biguanide derivatives with experimental evidence for breast cancer	In Process
1752	HEC	Mr. Muhammad Faisal Siddiqui	Electrical engineering	Islamabad	Rapid MRI reconstruction algorithm architecture	In process
1753	HEC	Dr. Adil Loya	Mechanical Engineering	Sahiwal	Simulating rheological and thermo physical properties of heterogeneous systems for composite materials	In process
1754	HEC	Dr. Anwar Ullah	Biosciences	Islamabad	Evaluation of water purification: role of moringa oleifera seeds proteins	In process
1755	HEC	Dr. Asim Mehmood	Biosciences	Sahiwal	Evaluation of genetic structure and phylogenetic relationship of pummelo (citrus grandis L.) through iPBS primers	In process
1756	HEC	Dr. hafiz Junaid Anjum	Mathematics	Islamabad	GPU based direct numerical solver for two dimensional gravity currents	In process
1757	HEC	Dr. Khawar Ashfaq Akhan	Meteorology	Islamabad	Time series resistivity profiling for ground water recharge monitoring in Islamabad and catchment area	In process
1758	HEC	Dr. Humaira Ayub	Environmental Sciences	Abbottabad	Pharmacogenetics of ophthalmic B-blockers in glaucoma patients	In process
1759	HEC	Dr. Muhammad Imran Khan	Management Sciences	Vehari	The impact of social media on teacher's performance and its role in self-regulation of the higher educational institutions of Southern Punjab, Pakistan	In process
1760	HEC	Dr. Ghulam Hussain	Management Sciences	Sahiwal	An insight into university industry linkages of Pakistan	In process
1761	HEC	Dr. Noor Elahi	Development Studies	Abbottabad	Exploring post conflict development initiative: challenges and opportunities in peacebuilding and livelihood development-A case study of Swat valley KPK Pakistan	In process
1762	HEC	Dr. Bahadar Nawab	Development Studies	Abbottabad	The genesis of conflict and militancy and opportunities of peace building in Pakistan	In process
1763	HEC	Dr. Osman Sadiq Paracha	Management Sciences	Islamabad	High performance work systems and school effectiveness: the case of Government higher secondary schools	In process
1764	HEC	Dr. Sumaira Kanwal	Biosciences	Sahiwal	Psycho-social and mental issues of male and female issues of male and female population and treatment facilities in Bahawalnagar and Sahiwal districts: A comparative approach	In process

1765	HEC	Dr. Amjad Masood	Management Sciences	Vehari	Towards being domesticall sustainable and globally comopatible: A Firm level analysis of ISO standards adoption and export competency in selected industrial sector in Pakistan	In process
1766	HEC	Dr. Muhammad Asrar-ur-Haq	Management Sciences	Sahiwal	Optimizing return on investment in higher education:building a repatriation model to help overseas thtrained Pakistani scholars	In process
1767	HEC	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Development of fungal genome resources as cradle to rescue wheat yield from fungal diseases in Pakistan by deep genome sequencing	In process
1768	HEC	Dr. Khurram Abbas	Management Sciences	Sahiwal	An Analysis of debt sustainability, debt overhang and determinants of debt repayment capicity in the economy of Pakistan	In process
1769	HEC	Dr. Yasir Javed	Management Sciences	Abbottabad	Prioritizing the impact of media thypes in de-radicalizing youth of Khyber Pakhtoon Khawa(KPK)	In process
1770	HEC	Dr. Shahzia Mannan	Biosciences	Sahiwal	Effect of psycho-social and mental health problems of children on their personality and society and alternative healthcare options	In process
1771	HEC	Dr. Qaisar Abbas	Management Sciences	Lahore	Peformance pay, workplace health and organizational peformance: a study of leather forms	In process
1772	HEC	Dr. Khuda Bakhsh	Management Sciences	Vehari	Future prospects and challenges of bilateral heterogeneous agriculture trade between Pakistan and China	In process
1773	HEC	Dr. Aziz Ullah Sayal	Management Sciences	Abbottabad	Industrial water contamination and community's welfare loss: economic perspertive	In process
1774	HEC	Dr. Qaiser Aman	Management Sciences	Vehari	Globalization and organizational change: a Comparative study of HEIs of Pakistan and Turkey	In process
1775	HEC	Dr. Adnan Ahmad Dogar	Development Studies	Abbottabad	Identification, documentation and valuation of Tangible and intangible cultural heritage of Hazara Region (Distt. Abbottabad, Haripur and Mansehra)	In process
1776	HEC	Muhammad Aamir Khan	Management Sciences	Islamabad	An economy and regional wide impact of Pakistan China Economic Corridor-A global commutable general equilibrium approach	In process
1777	HEC	Dr. Arif Alam	Development Studies	Abbottabad	Climate change and its impact on regional and national economy: A complex reality	In process
1778	HEC	Dr. Asma Kashif Shahzad	Humanities	Vehari	Decay of loval languages: a study of Saraiki and Punjabi in South Punjab	In process
1779	HEC	Dr. Abu Turba Khan	Development Studies	Abbottabad	Determinants of happiness: exploring the nexus between income and perceived happiness in Urban and Rural reas of KPK province of Pakistan	In process
1780	HEC	Dr. Abdul Razzaq Khan	Development Studies	Abbottabad	Post conflict peacebuilding in Swat: exploring the opportunities for yuth in sustainable peacebuilding process	In process
1781	HEC	Mr. Sajid Naeem	Development Studies	Abbottabad	Poverty alleviation: alternative theories, strategies and prospective outcomes	In process

1782	HEC	Dr. Tahir Mahmood	Development Studies	Abbottabad	Chile labour in Pakistan: policy, laws, implementation and practices	In process
1783	HEC	Dr. Ehsan Inam Ullah	Development Studies	Abbottabad	Assessing the effectiveness of informal judicial system: a case study of Hazara division, KPK	In process
1784	HEC	Dr. Khurram Shahzad Mughal	Management Sciences	Islamabad	Comparative advantages for Pakistan, are we winning or losing-A study to gain insight on global competitiveness	In process
1785	HEC	Dr. Fahad Amjad	Management Sciences	Islamabad	Identification of rail integration hub to the CPEC	In process
1786	HEC	Dr. Shahid Ahmad Rajput	Architecture	Islamabad	Study of ancient p[lyro technology: analysis of Harappa and Bhanbore artifacts through INAA tehniq	In process
1787	HEC	Dr. Fayyaz Ahmad Faize	Humanities	Islamabad	Impact factor mania in social disciplines-maximizing faculty's research potential in Pakistan	In process
1788	HEC	Dr. Muhammad Abrar	Physics	Islamabad	Laser induced remote sensing of archaeological sceince-applications and prospects	In process
1789	HEC	Dr. Irem Batool	Management Sciences	Sahiwal	Female labor foruce participation and work life balancing policies in Pakistan	In process
1790	HEC	Dr. Omer Farooq Malik	Management Sciences	Islamabad	The impact of terrorism exposure on emotional well-being and job-related outcomes: a comparative study of university faculty	In process
1791	HEC	Dr. Mohsin Riaz	CAST	Islamabad	Digitizing cultural heritage of Pakistan	In process
1792	HEC	Dr. Muhammad Asad Meraj	Management Sciences	Sahiwal	Impact ofterrorism on students, studying in secondary and higher secondary schools of Punjab, Pakistan	In process
1793	HEC	Dr. Hafiz Muhammad Arshad	Management Sciences	Sahiwal	Pathways into and out ot extreme poverty in Pakistan	In process
1794	HEC	Dr. Malik Fahim Bashir	Management Sciences	Abbottabad	The impact of political freedom and political stability on ec onomic growth of Pakisan	In process
1795	HEC	Dr. Mohammad Tahir	Management Sciences	Abbottabad	Rising income and falling happiness paradox: evidence from Pakistan	In process
1796	HEC	Dr. Abubakr Saeed	Management Sciences	Islamabad	Extent and economic cost of exclusion of transgenders from the job market: a case of Pakistan	In process
1797	HEC	Dr. Khurram Shafi/ Khuram Shafi	Management Sciences	Wah	Motivations of China's FDI in Pakistan: a CPEC perspective	In process
1798	HEC	Dr. Ali Ahmad	Management Sciences	Sahiwal	Representation of terrorism in print media: A Triangular study of Newspapers of Pakistan	In process
1799	HEC	Mr. Abdul Rehman	Library	Islamabad	Institutional strengthening & up gradation of Library	In process
1800	HEC	Dr. Farida Tahir	Physics	Islamabad	COMSATS rehabilitation centre	In process
1801	HEC	Dr. Nasrullah Khan	Electrical Engineering	Islamabad	Experiments on GHz/THz clock generation and measurement	In process
1802	HEC	Dr. Engr. Nudrat Nida	Management Sciences	Wah	Medical image analysis by digital image processing	In process
1803	HEC	Dr. Abdus Sattar Abbasi	Management Sciences	Lahore	Religious Tourism in Pakistan	In process
1804	HEC	Dr. Madad Khan	Mathimatics	Abbottabad	Generalized cubic sets and their applications	In process
1805	HEC	Dr. Farrukh Jamil	Biosciences	Sahiwal	Determkination of aflatoxin MI in Cow milk of Sahiwal division	In process
1806	HEC	Dr. Saqlain Raza	Mathimatics	Islamabad	Influence of distance, culture and perceived corruption on inbound tourism flows in Pakistan	In process

1807	HEC	Dr. Syed Muhammad Jawwad Riaz	Mathimatics	Wah	New formu,ation of the bekenstein-seminar formula and the planck absolute entropy of the rotating BTZ black hole	In process
1808	HEC	Dr. Raheem Gul	Mathimatics	Abbottabad	Patient-specific modeling of pressure and flow in the hman arm arteries	In process
1809	HEC	Dr. Adnan Nawaz	Civil engineering	Wah	Use of recycled aggregates and waste materials in the concrete	In process
1810	HEC	Dr. Khalid Latif	Computer Sciences	Islamabad	Establishment of centre for artificial intelligence	In process
1811	HEC	Dr. Asad Ullah Khan	Chemical Engineering	Lahore	Process development for automated fiber reinforced polymer composited by pultrusion method	In process
1812	HEC	Mr. Kaleem Ullah	Physics	Lahore	Direct liquid fuel cells (DLFCs) Micro-structural and electrochemical analysis/ studies	In process
1813	HEC	Dr. Ajmal Khan	Chemistry	Abbottabad	Computational approach for designing of novel inhibitors of urease enzyme	In process
1814	HEC	Dr. Shahab Ud Din Khan	Mathimatics	Attock	Investigation of transport in the scrape off layer (SOL) of fusion plasma	In process
1815	HEC	Dr. Muhammad Tahir	Computer Sciences	Attock	PrCloud: Programming cloud to change the economics of programming	In process
1816	HEC	Dr. Adnan Fida	Electrical Engineering	Islamabad	Institutional strengthening & up gradation of Library	In process
1817	HEC	Dr. Saeed Ahmed Asad	CCRD	Islamabad	Vulnerability assessment of Plant Beneficial Microorganisms Due To Changing Rainfall Patterns in the Pothwar Plateau	In process
1818	HEC	Dr. Zafar Iqbal	Computer Science	Islamabad	USER DEFINED HOME ANALYSIS WITH A MOBILE PHONE	In process
1819	HEC	Dr. Muhammad Fasih Uddin Butt	Electrical Engineering	Islamabad	CIIT bus management system and tracking system	In process
1820	HEC	Dr.Imran Hayder Naqvi	Center of Islamic Finance	Lahore	Impact of Islamic Banks on Small Enterprises by working women in Pakistan	In process
1821	HEC	Dr. Hammad Omer	Electrical Engineering	Islamabad	MRI scan time reduction using novel algorithms	In process
1822	HEC	Dr. Sabaz Ali Khan	Environmental Sciences	Abbottabad	ENHANCING NUTRITIONAL VALUE OF TOMATO (SOLANUM LYCOPERSICUM L.)	In process
1823	HEC	Dr. Shahzad Kouser	Management Sciences	Islamabad	Evaluation of Cotton Farmers Flood Damages and Mitigation Strategies in Pakistan	In process
1824	HEC	Dr Syed Muhammad Nurulain	Biosciences	Islamabad	Weak acetylcholinesterase inhibitors and phyto-endocannabinoid as prophylactic treatment for acute organophosphorus poisoning.	In process
1825	HEC	Fayyaz Ahmad Faize	Humanities	Islamabad	Research Potential-Actuality Gap in Social Sciences in Pakistan - Improving Research and Collaboration	In process
1826	HEC	Dr. Farhan Ahmed Khan	Chemistry	Abbottabad	BIOGAS PRODUCTION, UTILIZING NATURAL WASTE MATERIALS AND ITS OPTIMIZATION	In process
1827	HEC	Dr. Noor Elahi	Development Studies	Abbottabad	CHANGING NATURE OF OCCUPATIONAL STRUCTURE IN PAKISTAN: CHALLENGES AND OPPORTUNITIES FOR OCCUPATIONAL CHANGE FROM 2000 TO 2015.	In process

1828	HEC	Dr. Syed Majid Bukhari	Chemistry	Abbottabad	Design and Synthesis of 7-Membered Heterocycles in Search of New Antimicrobial Drugs	In process
1829	HEC	Dr. Arif Alam	Development Studies	Abbottabad	CAPACITY BUILDING FOR SUSTAINABLE FOOD SECURITY IN MOUNTAINOUS AREAS OF AZAD JAMMU & KASHMIR	In process
1830	HEC	Dr. Abda Khalid	Development Studies	Abbottabad	Assessing the effects of Climate change on Agriculture and Livelihood of Mountainous Region of Gilgit Baltistan, Pakistan	In process
1831	HEC	Khalid Ahmad	Environmental Sciences	Abbottabad	Strategies for Sustainable Harvesting of Natural Resources among Local Communities across the Western Route of Pak-China Economic Corridor	In process
1832	HEC	Dr. Farzand Ali Jan	Management Sciences	Attock	Marketing the Higher Education of Pakistan	In process
1833	HEC	Dr. Khalid Mahmood Awan	Computer Science	Attock	Feasibility of a Particular Set of Attack Vectors Using Penetration Test and Network Monitoring using Information Security Techniques	In process
1834	HEC	Dr. Yasser MSA Alkahraman	Pharmacy	Abbottabad	ACCESS TO BIOLOGICALLY ACTIVE HETEROCYCLIC SYSTEMS UTILIZED IN SOLVING PUBLIC HEALTH AND AGRICULTURAL PROBLEMS IN PAKISTAN.	In process
1835	HEC	Dr. Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Isolation, identification and characterization of Bacillus thuringiensis (Bt) strains and cry toxin proteins capable to inhibit insects of important crops	In process
1836	HEC	Dr. Muhammad Rashid	Physics	Islamabad	The Mechanical Electronic and Optical Properties of Cubic Perovskite ABO ₃ under the influence of External Pressure using Quantum and Classical Simulation Techniques	In process
1837	HEC	Dr. Siddique ullah Baig	Development Studies	Abbottabad	Climate induced impacts of six 35 km to 63 km long Karakoram glaciers - challenges to human livelihoods and adaptation	In process
1838	HEC	Dr. Farhan Ahmed Khan	Chemistry	Abbottabad	Synthesis and Characterization of 7-Membered Heterocycles using [4+3] Cycloaddition Methodology; a Versatile Approach towards Potential Antimicrobial and Anticancer Agents	In process
1839	HEC	Dr. Sheraz Ahmad	Chemistry	Abbottabad	RESOLVING POOR RESOLUTION AND INTENSIVE SIGNAL OVERLAP PROBLEMS IN COMPLEX AND MASS-LIMITED NATURAL PRODUCT MIXTURES: AN APPLICATION OF PURE SHIFT NMR	In process
1840	HEC	Dr. Mehwish Ramzan	Meteorology	Islamabad	Study of hydro-meteorological extremes in south asia under global warming scenario by using clausius-clapeyron equation	In Process

1841	HEC	Dr. Muhammad Umar	Earth Sciences	Abbottabad	SEDIMENTOLOGY AND GEOCHEMISTRY OF NEOPROTEROZOIC-CAMBRIAN SUCCESSION, HAZARA BASIN WITH SPECIAL REFERENCE TO PALEOGEOGRAPHY OF THE BASIN AND HYDROCARBON EXPLORATION	In process
1842	HEC	Dr. Saeed ur Rehman	IRCBM	Lahore	GSK-3 antagonist incorporated poly (caprolactone) 3D electrospun nanofiber directs the osteoblast differentiation of bone marrow mesenchymal stemcells	In Process
1843	HEC	Dr. Humaira Khan	Development Studies	Abbottabad	Diversification of Fruit Farming in Gilgit-Baltistan: Implications for Livelihood Improvement and Policy Making at Provincial and Federal Levels	In process
1844	HEC	Dr. Arshad Mehmood Abbasi	Environmental Sciences	Abbottabad	Establishment of Herbarium with particular reference to the medicinal flora of North Pakistan	In process
1845	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Molecular Characterization and development of diagnostic Kit for the diagnosis of Goat Warble Fly Infestation (Przhevalskiana silenus) in Pothowar region, Pakistan	In process
1846	HEC	FAHED PARVAIZ	BIOSCIENCES	Islamabad	THERAPEUTIC TARGETS OF CHRONICALLY INFECTED HCV PATIENTS	In process
1847	HEC	Aamira Tariq	Biosciences	Islamabad	Identification of novel biomarker for tripple negative breast cancer detection	In process
1848	HEC	Faheem Ahmad, PhD	Biosciences	Islamabad	ISOLATION OF KEY ATTRACTANT VOLATILES FORM GRAIN ASSOCIATED FUNGAL SPECIES TO BE USED AS A COMMERCIAL LURE FOR STORED GRAIN PEST MONITORING	In process
1849	HEC	Dr.Pasha Ghazal	Biosciences	Islamabad	Therauptical potential of Novel Neuropeptide for Morphine Addiction treatment.	In process
1850	HEC	Ahmad Ali	Biosciences	Sahiwal	DETERMINATION OF INSTITUTIONALIZATIONAL AND TECHNICAL CAPACITY BUILDING NEEDS OF DAIRY BREED ASSOCIATIONS IN PUNJAB	In process
1851	HEC	Dr. Farrukh Jamil	BioSciences	Sahiwal	IDENTIFICATION OF DIFFERENT VARIANTS OF TNRC9, FGFR2 AND MAP3K1 FOR BREAST CANCER IN PAKISTANI FEMALES	In process
1852	HEC	Dr. Robina Farooq	chemistry	Lahore	Sequential anaerobic aerobic bio decomposition of azo dyes by microbial fuel cell (MFC)	In Process
1853	HEC	Dr. Majid Niaz Akhtar	Physics	Lahore	Rare Earth Doped Spinel Ferrite Nanoadsorbents: An Advanced Technique for Water Treatment Applications	In process
1854	HEC	Rafi Amir-ud-Din	Management Sciences	Lahore	PREVALENCE AND PREDICTORS OF DOUBLE BURDEN OF MALNUTRITION AMONG WOMEN OF REPRODUCTIVE AGE IN PAKISTAN	In process

1855	HEC	Zahida Ehsan	Physics	Lahore	AddressING the challenges in fusion plasma with kinetic approach	In process
1856	HEC	Dr. Muhammad Imran Rahim	IRCBM	Lahore	ESTABLISHMENT OF NOVEL CONTROLLED DRUG DELIVERY SYSTEM ON MEDICAL IMPLANTS TO COUNTER BIOMATERIAL-ASSOCIATED INFECTIONS	In process
1857	HEC	Dr. Mubeen Akhtar	Humanities	Islamabad	STRESS AND PUBLICATION PRESSURE, PSYCHOLOGICAL DISTRESS SYMPTOMS AND PSYCHOLOGICAL WELLBEING OF TENURE TRACK FACULTY IN PAKISTAN	In process
1858	HEC	Dr. Saif Ullah Awan	Physics	Islamabad	Controlled Synthesis Of Two-Dimensional Nanosheets and Multilayer For Electronic Devices	In process
1859	HEC	Dr. Nazish Bostan	Biosciences	Islamabad	water quality analysis for enteric viruses from the water of Rawalpindi-Islamabad: Tool for water quality management to protect public health support the economy an maintain a rich ecosystem	In Process
1860	HEC	Zahid Imran	Physics	Islamabad	Synthesis and characterisation of nano structured titanium oxide	In process
1861	HEC	Dr. Uzma Tabassam	Physics	Islamabad	Jet Physics analysis from ALICE at LHC energies	In process
1862	HEC	Dr. Ishrat Sultana	Physics	Lahore	Fabrication and characterisation of Multisegment nanowires for high	In process
1863	HEC	HAMAD KHALID	IRCBM	Lahore	ALIGNED SILK FIBROIN FIBERS MODIFIED WITH POLYPYROLES FOR NERVE TISSUE REGENERATION	In process
1864	HEC	Muhmmad Junaid Amjad	Physics	Lahore	On the use of Surface Enhanced Raman Scattering for the early stage detection of cancer cells	In process
1865	HEC	Dr. Ashfaq Hussain Khosa	Physics	Islamabad	Effect of Counter Rotating Terms on The Spontaneous Emission in Multi Level Atomic Systems	In process
1866	HEC	Dr. Mukhtar Ahmad	Physics	Lahore	Synthesis of magnetic oxides and their application for the purification of contaminated drinking water	In process
1867	HEC	Dr. Ayesha Jamil	Physics	lahore	Synthesis of site and energy engineered	In process
1868	HEC	Mr. Inam Ullah	Biosciences	Islamabad	Access to scientific instrumentation program	In Process
1869	HEC	Dr. Majid Niaz Akhtar	Physics	Lahore	Fabrication and Characterizations of Rare Earth Doped Garnet and Hexagonal Nanoferrites for Extremely High Frequency Applications and Devices	In process
1870	HEC	Dr. Adeel Farooq	Mathematics	Lahore	COXETER GENERATORS FOR SUBGROUPS OF THE BIMONSTER	In process
1871	HEC	Dr. Lubna Tabassam	Physics	Islamabad	Construction of LiFe _{1-x} PO ₄ (Y)X Based Cathodes for Enhanced Energy Storage Batteries.	In process
1872	HEC	Dr. Syed Ayaz Ali Shah	Electrical Engineering	Abbottabad	Blood vessel detection for retinal images	In Process
1873	HEC	Fakhar ul Inam	Physics	Islamabad	THEORETICAL STUDY OF STRAINED AND AMORPHOUS 2-D LAYERED SEMICONDUCTORS FOR ENERGY APPLICATIONS	In process

1874	HEC	Wasim Abbas	Management Sciences	Vehari	ASSESSING THE SOCIETAL AND ENVIRONMENTAL IMPACTS OF WASTE DISPOSITION BEHAVIORS OF GOVERNMENTAL HOSPITALS A CASE STUDY OF SOUTHERN PUNJAB, PAKISTAN	In process
1875	HEC	Dr. Saeed ur Rehman	Computer Science	Wah	Real time person detection and re-identification in non controlled environment using deep learning	In Process
1876	HEC	Dr. Khawar Ashfaq Ahmed	Meteorology	Islamabad	GEOPHYSICAL STUDY OF THE COASTAL AREA OF PAKISTAN FOR LAND SUBSIDING INVESTIGATION	In process
1877	HEC	Dr. Shabir Hyder	Management Sciences	Attock	SMALL BUSINESS RECOVERY: POST FLOOD ANALYSIS	In process
1878	HEC	Dr. Kashif Ali	Mathematics	Lahore	The study on indices, counting polynomials and labelings of graphs	In process
1879	HEC	Dr. Ghulam Murtaza	Management Sciences	Islamabad	Volatility of exchange rate stock returns and macroeconomic factors on investor sentiment	In Process
1880	HEC	Muhammad Yasin	Chemical Engineering	Lahore	Sustainable carbon nanotubes from agro waste and fabrication of inkjet printed CNTs conductive films	In process
1881	HEC	Asma Amjad	Biosciences	Islamabad	Role of chloride Channels in Cancer Metastasis	In process
1882	HEC	Dr. Muhammad Fraz Bashir	Physics	lahore	Kinetic instabilities	In process
1883	HEC	Dr Muhammad Yar	IRCBM	Lahore	DESIGN AND PREPARATION OF PRO-ANGIOGENIC SYNTHETIC SKIN FOR BURN PATIENTS	In process
1884	HEC	Prof. Dr. Muhammad Abid	IRC Mechanical Engineering	Wah	Design and Implementation of Efficient Vawt Farm for Urban and Rural areas in Pakistan	In process
1885	HEC	Dr. Muhammad Imran Malik	Management Sciences	Attock	Postal services in pakistan: Pakistan post or TCS	In process
1886	HEC	Dr. Saddam Hussain	Management Sciences	Attock	STUDY ON PREVLANCE, RISK FACTORS AND MANAGEMENT OF POST TRAUMATIC STRESS WITH PSYCHOSOCIAL ADJUSTMENT DISORDERS AMONG INTERNALLY DISPLACED PERSONS OF NORTH WAZIRISTAN, PAKISTAN	In process
1887	HEC	Dr. Mubeen Ghafoor	Computer Science	Islamabad	Fast Fingerprint Identification based on Graphical Processing Unit (FFIGPU)	In process
1888	HEC	Dr. Saima Nawaz	Management Sciences	Islamabad	The linkage between infrastructure development regional integration and economic growth: new insights using spatial econometric analysis	In Process
1889	HEC	Dr. Muhammad Abrar	Physics	Islamabad	Developing Inexpensive Plasma Treatment Platform for Controlling Foodborne Pathogens	In process
1890	HEC	Athar Hussain	Meteorology	Islamabad	Impact of mid latitude cyclones and anti cyclones on climate of pakistan	In process
1891	HEC	Dr. Sameena Shah Zaman	Physics	Islamabad	Graphene Devices for Magnetosensing Applications	In process

1892	HEC	Dr. Muhammad Tahir	Computer Science	Attock	Establishment of center for data analytics and cloud computing	In Process
1893	HEC	Awais Ali	Physics	Islamabad	Mott transition based wide band gap semiconductors for photocatalysis	In process
1894	HEC	Faheel Ather Hashmi	Physics	Islamabad	Quantum Memory : light storage through coherent Zeeman oscillations	In process
1895	HEC	Dr Bushra Ismail	Chemistry	Abbottabad	Visible light driven adsorption assisted photocatalysis on semiconductor composites for the textile waste water treatment plant design: A Pilot study	In process
1896	HEC	Prof. Dr. Sohail Asghar	Computer Science	Islamabad	Establish of lot-cloud analytic lab	In Process
1897	HEC	Prof. Dr. Muhammad Abid	Inter disciplinary Research Center	Wah	Solution for winter smog	In Process
1898	HEC	Dr. Bahadar Nawab Khattak	Development Studies	Abbottabad	Remittances and Socio-Economic Development: A Case Study of Northwest Pakistan	In process
1899	HEC	Prof. Dr. Zulfiqar Habib	Electrical Engineering	Lahore	Establishment of national center robotics & automation national center for cyber security analysis & cloud computing	In Process
1900	HEC	Dr. Chaudhry Arshad Mehmood	Electrical Engineering	Abbottabad	A national center for robotics and automation(Expression of interest)	In Process
1901	HEC	Samina Khalid	Environmental Sciences	Vehari	Impact of postharvest washing water quality and its sanitation on quality, food safety and shelf-life of fresh produce	In process
1902	HEC	Muhammad Iqbal	Electrical Engineering	Wah	AUTOMATIC METER READING SYSTEM TO ENSURE CORRECT BILLING	In process
1903	HEC	Dr. SAEED UR REHMAN	Electrical Engineering	Attock	HIGH LEVEL SYNTHESIS TOOL FOR PARALLEL ARCHITECTURES USED IN CURRENT COMMUNICATION SYSTEMS	In process
1904	HEC	Dr. Farzand Ali Jan	Management Sciences	Attock	MARKET NEED BASED CURRICULUM AND SKILLS DEVELOPMENT	In process
1905	HEC	Dr. Bakhtiar Ali	Management Sciences	Attock	RATIONALIZATION OF STUDENT TUITION FEE: AN ANALYSIS OF STUDENT EXPENDITURE & RECEIPT BY PUBLIC SECTOR UNIVERSITIES	In process
1906	HEC	Dr. Jabir Hussain Syed	Meteorology	Islamabad	Evaluating the role of wintertime aerosols in smog formation from north eastern pakistan: Spatio tempol characterization source apportionment and implication for trans boundary movement	In Process
1907	HEC	Dr. Muhammad Shakil Ahmad	Management Sciences	Attock	IMPACT OF HIGH PERFORMANCE HR PRACTICES BUNDLES ON CUSTOMER CONTACT EMPLOYEES'™ DISCRETIONARY BEHAVIOR: THE MEDIATION OF WORK ENGAGEMENT	In process
1908	HEC	Ziauddin	Physics	Islamabad	Capacity building in laser Physics and Quantum Optics	In process
1909	HEC	Dr Uzma Khaliq	Physics	Islamabad	Design, Fabrication and Characterization of Passive Waveguide Semiconductor Devices	In process

1910	HEC	Irfan Sadiq	Biosciences	Islamabad	Development of drought tolerant transgenic tomato (Solanum lycopersicum) plants	In process
1911	HEC	Dr. NASEER ALI SHAH	BIOSCIENCES	Islamabad	Pharmacological evaluation of unexplored anti-diabetic herbs used by Hakims	In process
1912	HEC	Dr. Muhammad Asim Yasin	Management Sciences	Vehari	Determinates of household dietary diversity pattern in rural areas of southern Punjab, Islamabad	In Process
1913	HEC	Dr. Farhan Haq	Biosciences	Islamabad	Genomic Portrait of Hepatocellular Carcinoma in Pakistan	In process
1914	HEC	Dr. Khuda Bakhsh	Management Sciences	Vehari	Acceptance and willingness to pay for agroecological tourism in the plain and mountainous regions of Pakistan"	In Process
1915	HEC	Dr. Zahra Jabeen	Biosciences	Islamabad	Molecular and physiological response of Sunflower Plant to salt toxicity: Cross talk signaling cascades among salinity, Hydrogen sulphate and Reactive Oxygen Species	In process
1916	HEC	Faheem AHmad, PhD	Biosciences	Islamabad	FUNCTIONAL PROFILING AND EFFICACY OF NATURAL ORGANIC COMPOUNDS AGAINST VEGETABLE PEST, SPODOPTERA SPP. (LEPIDOPTERA: NOCTUIDAE)	In process
1917	HEC	Dr. Rabia Habib	BioSciences	Islamabad	A Study of Systemic Lupus Erythematosus (SLE) associated Genes involved in Innate and Adaptive Immune Response Network in Pakistani Patients.	In process
1918	HEC	Dr. Naseer Ali Shah	Biosciences	Islamabad	Anti-HCV activity evaluation of medicinal plants used in different region of Pakistan against hepatitis	In process
1919	HEC	Dr. Muhammad Imran Khan	Management Sciences	Vehari	The impact of social media on teachers performance and its role in self regulation of the higher educational institutions of southern Punjab "under thematic research grant	In Process
1920	HEC	Dr. Abid Ali Khan	Biosciences	Islamabad	Nanoencapsulation Strategies for Combating Multidrug Resistance in Pathogenic Bacteria	In process
1921	HEC	Dr Ishrat Mahjabeen	Biosciences	Islamabad	Genetics and Epigenetics Characterization of Mitochondrial Sirtuin Genes in Gastric Cancer patients	In process
1922	HEC	Dr. Sajid Nazir	Management Sciences	Lahore	Role of women directors and compensation system in devising risk taking of banks: a sequential methodological triangulation approach	In Process
1923	HEC	Dr. Muhammad Asif Gondal	Biosciences	Islamabad	MIXED CULTURE (FINFISH AND SHELLFISH) TO IMPROVE THE PRODUCTIVITY OF SUSTAINABLE AQUACULTURE PRACTICE IN LOW SALINE AREAS OF PAKISTAN: A MIXED INTEGER PROGRAMMING APPROACH	In process
1924	HEC	Humaira Yasmin	Biosciences	Islamabad	Improvement of bio fertilizers commercialized in Pakistan by evaluating their compatibility with the indigenous PGPRs exhibiting stress mitigating traits	In process
1925	HEC	Dr. Inayat Kalim	Humanities	Islamabad	Conflict and insecurity in baluchistan: assessing cultural and structural etiology"	In Process

1926	HEC	Dr. Zahid Ali	Biosciences	Islamabad	Development of drought-resilient tomato through genome editing strategies aimed at maximizing water use efficiency (STRITOM)	In process
1927	HEC	DR. Fahad Amjad	Management Sciences	Islamabad	Gis-based location allocation analysis for bagasse energy conversation plants in Punjab and selection of appropriate biomass energy conversation processes & technology" under thematic research grant)	In Process
1928	HEC	Zobia Noreen	Biosciences	Islamabad	Risk assessment of Campylobacter in broiler flocks by direct PCR from bootsocks: Developing diagnostic kit and control through different feed supplements	In process
1929	HEC	Dr. Qaiser Aman	Management Sciences	Vehari	Adoption factors affecting higher education institutions: A Comparative study of Pakistan versus Turkey" under HEC(Thematic Research Grant)	In Process
1930	HEC	Dr. Altaf Karim	Physics	Islamabad	Computational Discovery of Alternative Fuel Catalysis	In process
1931	HEC	Dr. Abid Ali Khan	Biosciences	Islamabad	NANOMAGIC: Nanoscaffolds for Targeted Drug Delivery against Prostate Cancer	In process
1932	HEC	Dr. Nazish Bostan	Biosciences	Islamabad	DEVELOPMENT OF A SUSTAINABLE DIAGNOSTIC TECHNOLOGY BASED ON HYBRIDOMA MONOCLONAL ANTIBODY PRODUCTION FOR FOOT AND MOUTH DISEASE VIRUS	In process
1933	HEC	Dr.Sundus Javed	Biosciences	Islamabad	Development of a noninvasive, cost effective molecular detection method for H. pylori detection in rural settings	In process
1934	HEC	Dr.Kalim Ullah	Meterology	Islamabad	Improving Weather Predictability Based on Mesoscale Model in Pakistan	In process
1935	HEC	Dr. Sumaira Malik	Management Sciences	Lahore	Synptoms and causes of HV/AIDs among pregnant women in Punjab" under thematic research grant program)	In Process
1936	HEC	Dr. Faheem Aslam	Management Sciences	Islamabad	Policy Alternative to avoid apricot wastages in gilgit baltistan:A supply chain approach to locate and allocate capacity to the solar dryers in orders to extend the shelf life of the currently wasted apricot" under thematic research grant program)	In Process
1937	HEC	Haji Akbar	Biosciences	Islamabad	INVESTIGATING THE PROTECTIVE ROLE OF DIETARY ANTI-OXIDANT ON TISSUE LEVELS OF POLYUNSATURATED FATTY ACIDS	In process
1938	HEC	Haji Akbar	Biosciences	Islamabad	INVESTIGATING THE ROLE OF PURINERGIC RECEPTORS IN DENGUE VIRUS INDUCED PATHOGENESIS	In process
1939	HEC	Dr. Muhammad Irfan	Management Sciences	Vehari	Role of women empowerment in households human capital accumulation: A study of southern Punjab,Pakistan	In Process
1940	HEC	Dr. Muhammad Shakil Ahmad	Management Sciences	Attock	Neighborhood development: Sustaining community well-being through community	In Process

1941	HEC	Dr. Dilshad Ahmed	Management Sciences	Vehari	The effect of women empowerment on access to healthcare and higher education in Punjab Pakistan.	In Process
1942	HEC	Dr. Irem Batool	Management Sciences	Sahiwal	Financial literacy financial self-efficacy and financial inclusion in pakistan	In Process
1943	HEC	Sajad Hussain	Physics	Islamabad	Impedance spectroscopy of Cu ₂ O/ZnO solar cells.	In process
1944	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Genetic diversity and population genetics of the warble flies Hypoderma spp. in Punjab Province, Pakistan	In process
1945	HEC	Mustafa Nawaz Shafqat	Biosciences	Islamabad	Biogeochemistry of Arsenic as affected by interception of regional dust by plant canopy in the temperate forest soils	In process
1946	HEC	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Production of Diagnostic Kits for important Pathogens of banana and Establishment of Reference Diagnostic Center	In process
1947	HEC	Dr. Muhammad Inam Afzal	Biosciences	Islamabad	Utilisation of bacteriocin-producing probiotic lactic acid bacteria as a dual strategy for food safety enhancement in Pakistan	In process
1948	HEC	Dr Zertashia Akram	Biosciences	Islamabad	Evaluation of DNA damage by exposure in salt mines	In process
1949	HEC	Dr. Sajid Nazir	Management Sciences	Lahore	Removal of microbial contamination from drinking water using polymeric membranes	In Process
1950	HEC	Muhammad Ayub	management Sciences	Attock	APPLICATION OF GRAPHOLOGICAL PEDAGOGIC TECHNIQUES TO OVERCOME ELEMENTS OF EXTREMISM IN SCHOOL CHILDREN	In process
1951	HEC	Dr. Asim Anwar	Management Sciences	Attock	COMPETITIVENESS OF PAKISTAN'S AGRICULTURAL CROPS IN THE INTERNATIONAL MARKET AND MEASURES TO IMPROVE IT	In process
1952	HEC	Dr. Muhammad Imran Malik	Management Sciences	Attock	Awareness About Optimum Utilization of CPEC in Agro-Industrial Perspectives in district attock	In process
1953	HEC	Dr. Peer Azmat Shah	Computer Science	Abbottabad	HIGH QUALITY WIRELESS ACCESS FOR HIGH USER- DENSITY LOCATIONS	In process
1954	HEC	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Pre-clinical and Toxicity Evaluation of Natural Based Polymer for Skin Tissue Engineering and Treatment of Burn Wounds	In process
1955	HEC	BILAL AHMAD ZAFAR AMIN	Environmental Sciences	Abbottabad	Exploration of lignocellulose-degrading enzymes from Himalayan forests and their industrial implications	In process
1956	HEC	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	ADOPTION OF CROP RESIDUE MULCHING COULD BE A BETTER OPTION FOR SUSTAINABLE CROP PRODUCTION AND MITIGATION OF CLIMATE CHANGE IN LOWER HIMALAYAS?	In process

1957	HEC	Faridullah	Environmental Sciences	Abbottabad	CHARACTERIZATION AND RECYCLING OF SOLID WASTE COMPOST FOR NUTRIENT AND HEAVY METALS AVAILABILITY AND THEIR IMPACTS ON CROP PRODUCTIVITY	In process
1958	HEC	Muhammad Irshad	Environmental Sciences	Abbottabad	Investigating the Status of Iodine, Iron and Zinc in Cereal Crops in Relation to Physico-chemical Properties of Soils under Field Conditions of Hazara Division	In process
1959	HEC	Dr. Adeel Ahmad	Mathematics	Islamabad	MATHEMATICAL ANALYSIS OF THE ELECTRO-OSMOTIC FLOW OF NANOFLUIDS	In process
1960	HEC	Dr. Habib Bukhari	Biosciences	Islamabad	Glyco-engineering novel low cost multi bovine glycoconjugate vaccines	In Process
1961	HEC	Dr. Muhammad Ghaffar Doggar	Meteorology	Lahore	Research, Development and Promotion of Low Cost Solar PV Systems for Power Supply to Small and Medium Households in Pakistan	In process
1962	HEC	Dr. Sajjad Ahmad	Environmental Sciences	Vehari	GROUNDWATER GOVERNANCE: ISSUES AND OPPORTUNITIES UNDER A PARTICULAR PERSPECTIVE OF SEASONAL CANALS IN PAKISTAN	In process
1963	HEC	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	irrigation management in dry areas under changing climate using watcalcu	In Process
1964	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	NUTRITIONAL INTERVENTIONS AGAINST PESTICIDES POISONING: A SILENT THREAT TO PUBLIC HEALTH	In process
1965	HEC	Dr.Saeed Ahmad Qaisrani	Environmental Sciences	Vehari	IMPACT OF SALT-TOLERANT WHEAT (TRITICUM AESTIVUM L.) IN DIFFICULT SOIL TO ENSURE FOOD SECURITY IN CHANGING CLIMATE OF PAKISTAN	In process
1966	HEC	Dr. Syeda Sitwat Batool	Physics	Islamabad	Development of novel nano-structures for waste water treatment hydrogen production and storage using photocatalysis water splitting	In Process
1967	HEC	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Optimal Design Process for Biogas Production from various organic materials in Pakistan, and its Cleaning, up gradation for utilizing in Power Generation	In process
1968	HEC	Dr. Robina Farooq	Chemistry	Lahore	Bio-electrochemical harvesting of carbon dioxide to organic compounds	In Process
1969	HEC	Hafiz Mohkum Hammad	Environmental Sciences	Vehari	Impact of Climate Change on food security in Pakistan	In process
1970	HEC	Mazhar Ali	Environmental Sciences	Vehari	A NEW WAY TO ASSESS THE EFFECTS OF LIVESTOCK FARMS ON WATER QUALITY, & GROWTH AND YIELD OF MAIZE CROP	In process
1971	HEC	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Microbial culture collection from northern areas of pakistan	In Process
1972	HEC	Naveed Ahmad	Environmental Sciences	Vehari	Increasing Reproductive Potential Of Live-stock In Southern Punjab By Measuring And Reducing Toxic Levels Of Arsenic Via In Vitro Maturation	In process

1973	HEC	Dr. Mazhar Amjad Gillani	Chemistry	Lahore	Upgradation of computational lab to discover novel nonliner optical materials	In Process
1974	HEC	Dr. Robina Farooq	Chemistry	Lahore	Fat and protein extraction from livestock manure using sequential ultrasonic irradiation microbial decomposition	In Process
1975	HEC	Dr. Abdul Nazir	Environmental Sciences	Abbottabad	Optimizing hypertension therapy: Development of mucus penetrating oral self emulsifying systems for BCS class iv antihypertensive drugs	In Process
1976	HEC	Dr. Ramla Shahid	Biosciences	Islamabad	Role of tRNA Modifications in Cellular Reprogramming to Generate Induced Pluripotent Stem Cells for Regenerative Therapies	In process
1977	HEC	Dr. Qadeer Ul Hassan	CS	Islamabad	Demand side energy management of sustainable development	In process
1978	HEC	Dr. Syed M. Imran Haider Naqvi	Center of Islamic Finance	Lahore	Finding measures to optimize communication network of Islamic Banks for enhancing financial inclusion under mediation by Product differentiation	In process
1979	HEC	Muhammad Shahzad Khurram	Chemical Engineering	Lahore	Gasification of low grade coal in circulating fluidized bed for production of syngas	In process
1980	HEC	Dr. Behzad Murtaza	Environmental Sciences	Vehari	Establishing environmental nanotechnology facilities in comsats institute of information technology, vehari for electrochemical detection and remediationof heavy metals	In Process
1981	HEC	Dr. Muhammad Sajjad	Management Science	vehari	Discovering stable QTLs/Genes	In process
1982	HEC	Dr. Abdul Rauf Siddiqui	Biosciences	Islamabad	Upgradation of bioinformatics lab for computational antibody design at CIIT islamabad	In Process
1983	HEC	Habib Bokhari	Biosciences	Islamabad	Exploitation of a Glyco-engineering Platform Technology for Developing an Inexpensive Novel Cholera Vaccine	In process
1984	HEC	Dr. Salman Naeem Khan	Physics	Lahore	Free space method for complex EM measurements	In Process
1985	HEC	Dr. Muhammad Mohsin Riaz	CAST	Islamabad	Upgradation of image processing laboratory	In Process
1986	HEC	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	SNOW AND GLACIERS INVESTIGATION AND HYDROLOGICAL MODELLING OF THE HINDUKUSH-KARAKORAM-WESTERN HIMALAYA REGION (NORTHERN PAKISTAN) UNDER FUTURE CLIMATE CHANGE SCENARIOS USING FIELD OBSERVATIONS AND SATELLITE REMOTE SENSING DATA – A KEY FOR BETTER WATER RESOURCES MANAGEMENT	In process
1987	HEC	Dr. Sidra Rehman	Biosciences	Islamabad	Upgradation of translational genomocs laboratory by introducing cell culture facility	In Process
1988	HEC	Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Isolation purification and charcterization of ectonucleotidase aenzymes: A new insight towards the development of ectonucleotidase inhibitors forvarious cancerous disorders	In Process

1989	HEC	Dr Muhammad Ashfaq Ahmad	Physics	Lahore	Synthesis and Characterization of Quantum Dots for Solar Cell Applications	In process
1990	HEC	Dr. Umesalma Amjad	Chemical Engineering	Lahore	Advanced chemical reaction engineering lab up-gradation-increasing gas phase reaction capability	In Process
1991	HEC	Ashfaq ahamad	Electrical Engineering	Wah	Safety and operational management system for pakistan railways	In process
1992	HEC	Dr. Maria Mustafa	Chemical Engineering	Lahore	Analysis of controlled dispensing of charged liquid droplets using inkjet printing system	In Process
1993	HEC	Dr. Munam Ali Shah	Computer Science	Islamabad	INTERNET OF THINGS IN THE FIELD OF MEDICAL AND SMART HEALTH CARE FOR CITIZENS OF PAKISTAN	In process
1994	HEC	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Upgradation of health biotechnology lab	In Process
1995	HEC	Dr. Muhammad Waseem	Physics	Islamabad	Functionalization of Nanoparicles for Cancer Treatment	In process
1996	HEC	Dr. Rizwan Raza	Physics	Lahore	Strengthen of clean energy research lab	In Process
1997	HEC	Dr. Muhammad Amjad	Environmental Sciences	Vehari	ACCLIMATIZING AND GROWING QUINOA ON SALT-AFFECTED SOILS TO ENSURE FOOD SECURITY IN PAKISTAN	In process
1998	HEC	Dr. Adnan Iftikhar	Electrical Engineering	Islamabad	Strengthening of radiation pattern measurement laboratory	In Process
1999	HEC	Humaira Ayub	Environmental Sciences	Abbottabad	Pharmacogenomics analysis of age related molecular degeneratoion in pakistaani popualation	In process
2000	HEC	Dr. Humaira Ayub	Environmental Sciences	Abbottabad	Genetic and functional elucidation of the underlying molecular mechanisms of multifactorial eye disorder; Glaucoma	In process
2001	HEC	Hafiz Abdur Rehman	Library Information Services	Islamabad	Institutional Strengthening and upgrade of labs and libraries	In Process
2002	HEC	Dr. Muhammad Shoaib	Mathematics	Attock	Numarical and analytical solutions of newtonian and some non-newtonian	In Process
2003	HEC	Dr. Saira Azhar	Pharmacy	Abbottabad	Evaluating the prevalence of anemia and effects of intervention on anemic patients of different age groups in Punjab, Pakistan	In process
2004	HEC	Dr. Afshaq Ahmed	Electrical Engineering	Wah	Efficient energy management using big data analytics	In Process
2005	HEC	Dr. Ali Imran	Mathematics	Attock	Study of newtonian/non-newtonian fluids in a scraped surface heat exchangers	In Process
2006	HEC	Muhammad Qasim	Mathematics	Islamabad	Analysis of Entropy Generation in Boundary Layer Flow of Nanofluids	In process
2007	HEC	Dr. Asif Waheed	Mathematics	Attock	Optimal Solution of Nonlinear Boundary and Initial Value Problems	In process
2008	HEC	Dr. SYed Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Molecular cloning and characterization of Organochlorinated pesticide degrading enzymes	In process
2009	HEC	Dr Sajida Batool	Biosciences	Islamabad	Multigene mutational screening by next generation sequencing for acute myeloid leukemia in Pakistani patients	In process

2010	HEC	Prof. Muhammad Arshad Rafiq	Biosciences	Islamabad	Clinical, Genetic and Therapeutic Studies on Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) in Various Pakistani Populations	In process
2011	HEC	Dr. Fozia Sharif	IRCBM	Lahore	Antibacterial skin substitutes seeded with fat derived stem cells for burns	In Process
2012	HEC	Muhammad Arshad Rafiq	Biosciences	Islamabad	Genetic Studies of Pakistani Families Affected By Psoriasis	In process
2013	HEC	Dr. Humaira Shaheen	Biosciences	Islamabad	Emerging antipsychotic & anticancer potentials of solanaceae species and its molecular mechanisms leads to herbal drug discovery	In Process
2014	HEC	Dr. Shumaila Karamat	Physics	Islamabad	Synthesis of Graphene hybrids for high performance battery anodes	In Process
2015	HEC	Prof. Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Identification and development of P2X selective antagonists, their in-silico studies and their comparison with enzymatic molecular targets for potency and efficacy derived from natural and synthetic sources	In process
2016	HEC	Dr. Amara Mumtaz	Chemistry	Lahore	Synthesis of florescent sensors specific for the detection of G-quadruplex DNA	In Process
2017	HEC	Muhammad Saeed	Biosciences	Islamabad	Diagnostic and pharmacological significance of Rbl2/p130 acetylation in breast cancer	In process
2018	HEC	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Effect of anaerobic digestion process of lignocellulose on enrichment of antibiotic resistant bacteria and subsequent release of their antibiotic resistance genes in environment	In Process
2019	HEC	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Assessment of antibiotic resistant genes prevalent in drinking and waste water facilities, role of hygiene and the implications for clinical dissemination	In Process
2020	HEC	Dr. Arslan Usman	Physics	Lahore	Investigation of coupling effects and functional properties of molybdenum disulfide MoS ₂ and graphene hybrids	In process
2021	HEC	Dr. Hafiza Fakhreea Ikram	IRCBM	Lahore	Increasing the cytotoxicity of anti-cancer drug resistant cells using ZnO-PCL composite Nanofibers	In Process
2022	HEC	Dr. Khuda Bakhsh	Management Sciences	Vehari	Adoption of renewable energy technologies: Sharing experiences between Pakistan and Turkey "Mobility Grant Program2017	In Process
2023	HEC	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Porphyrins as hole transport materials and graphene quantum dots as electron transport materials for efficient perovskite solar cells mobility grant program 2017	In Process
2024	HEC	Dr. Shamyla Nawazish	Environmental Sciences	Abbottabad	Comparative Analysis of Major Air Pollutants Inhalation Rate Associated with Health Risk Assesment of Industrial, Vehicular and Coal Mine	In process
2025	HEC	Dr. Muhammad Jamil	Physics	Lahore	STUDY OF MAGNETIC EFFECTS ON THE LINEAR AND NONLINEAR MODES PROPAGATING IN THE QUANTUM PLASMAS	In process

2026	HEC	Dr. Ijaz Ali	Biosciences	Islamabad	Development of molecular and serological assays for the Echinococcus species	In process
2027	HEC	Ijaz Ali	Biosciences	Islamabad	Exploring Complete Genomes of Pakistani HCV Isolates for the Development of Molecular Assays to Address the Current Epidemiological Challenge	In process
2028	HEC	Maria Mustafa	Chemical Engineering	Lahore	LARGE AREA ORGANIC LIGHT EMITTING DEVICES FOR LIGHTING APPLICATIONS AND METHOD OF FABRICATION	In process
2029	HEC	Azeem Mir	Physics	Islamabad	Super-symmetry as the candidate for extension of Standard model	In process
2030	HEC	Jaweria Ambreen	Physics	Islamabad	Comparative studies of poly(2-ethyl-2-oxazoline) and Poly(ethylene glycol) conjugation with Proteins and Poly(nucleic acid)s.	In process
2031	HEC	Dr Rizwan Raza	Physics	Lahore	Design and integration of multi-fuel advance fuel cell with micro gas turbine polygeneration system	In process
2032	HEC	Dr. Amna Mir	Physics	Lahore	Quasi Optical Zero Biased Schottky Diode Detectors for MM Wave Imaging	In process
2033	HEC	Muhammad Amin	Electrical Engineering	Wah	PREPARATION, CHARACTERIZATION AND LONG TERM MULTISTRESS AGING OF NANOCOMPOSITES FOR OUTDOOR INSULATION	In process
2034	HEC	Dr. Usma Ijaz Bajwa	Computer Science	Lahore	An Alternative to Biopsy: Automated Detection, Grading and Classification of Brain Tumor from Anatomical Information Scanned through MR Scanners	In process
2035	HEC	Dr. Faiza Sharif	IRCBM	Lahore	Bioadhesive for Suture Less Wound closure and Minimally Invasive Surgeries	In process
2036	HEC	Dr. Hafiz Muhammad Rashad Javeed	Environmental Sciences	Vehari	Exploring the deterrent and toxic effects of selenium to protect the wheat from aphids	In process
2037	HEC	Dr. Abdul Razzaq	Electrical Engineering	Abbottabad	Intrusion Detection System	In process
2038	HEC	Dr. Nasir Masood	Environmental Sciences	Vehari	Toxic and deterrent impacts of Selenium on aphids as applied on Mustard plants (Brassica juncea L)	In process
2039	HEC	Dr Muhammad Faraz Arshad Malik	Biosciences	Islamabad	Development of Molecular Typing Kit for Identification of Species in Meat and Associated Byproducts	In process
2040	HEC	Dr. Zehra Agha	Biosciences	Islamabad	Genetic Analysis and functional characterization of genes involved in parkinson, alzheimer and dementia	In process
2041	HEC	Shamaila Rani	Mathematics	Lahore	Wormhole Solutions in Torsion Based Extended Modified Theories of Gravity	In process
2042	HEC	Muhammad Rizwan	Chemical Engineering	Lahore	Microbubble mediated production of biodiesel using heterogeneous catalysts	In process
2043	HEC	MUHAMMAD FAISAL NADEEM	Mathematics	Lahore	CHEMICAL PROPERTIES AND EVALUATION OF VARIOUS FAMILIES OF GRAPHS	In process

2044	HEC	Saira Arif	Physics	Islamabad	"EXPLOITING LASERS AS ULTRA PRECISE NON-CONTACT SCALPELS FOR THE PHASE SEPARATION OF CONTAMINANT DEPOSITS FROM THE ARTEFACTS OF ARTWORKS"	In process
2045	HEC	Dr. Muhammad Fasih Uddin Butt	Electrical Engineering	Islamabad	CIIT bus management system and tracking system	In process
2046	HEC	Dr. Fahad Rehman	Chemical engineering	Lahore	Hydrogen production and separation for decentralized power generation for rural areas of Pakistan	In process
2047	HEC	Dr. Muhamam Sajjad	Environmental Sciences	Vehari	Discovering stable QTLs/Genes for yield and drought tolerance traits in wheat and their utilization for rapid development of high yielding and drought tolerant elite lines	In process
2048	HEC	Dr. Amara Mumtaz	Chemistry	Abbottabad	Design and synthesis of small heterocyclic conjugates as renewable and sustainable energy source	In process
2049	HEC				Antimicrobial properties of drug conjugated Titanium dioxide and Zinc oxide nanoparticles against pathogenic isolates and their cytotoxic and genotoxic potential in bacteria and human cell lines	In process
2050	HEC	Dr. Imran Ahmed	Mathematics	Lahore	Topological classification of singularities	In process
2051	HEC	Dr. Toqeer Ahmed	CCRD	Islamabad	Climate change impacts on future scenarios of experimental and real wetlands	In process
2052	HEC	Dr. Yasir Tariq Mohmand	Management Sciences	Islamabad	Developing a Hybrid Methodology to Analyze the Impact of China Pakistan Economic Corridor Infrastructure Development and the Economic Growth of the Region" under HEC (Thematic Research	In process
2053	HEC	Dr. Farha Masood	Biosciences	Islamabad	Green Packaging films Based on Polymer Blends" under HEC (Technology Development Fund)	In process
2054	HEC	Dr. Muhammad Faraz Arshad Malik'	Biosciences	Islamabad	Development of In Vitro Diagnostic Companion Kits for Common Cancers in Pakistan" under HEC (Technology Development Fund)	In process
2055	HEC	Dr. Syed Aftab Naqvi	Electrical Engineering	Sahiwal	Microstrip Patch Antenna-Based Biosensor for Detection of Aflatoxin B1 in Dairy Feed" under HEC (Technology Development Fund)	In process
2056	HEC	Dr. Habib Bokhari	Biosciences	Islamabad	Glyco-engineering Novel Low Cost Multi Bovine Glycoconjugate Vaccines" under HEC (Technology Development Fund)	In process
2057	HEC	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Uplifting the agricultural economy and reducing environmental fungicides by native biocontrol to combat Phytophthora infestans" under HEC (Technology Development Fund)	In process
2058	HEC	Dr. Adnan Fida	Electrical Engineering	Islamabad	Energy Scavenging development from Vibration and Radio Frequency (RF) energy for process monitoring applications and Internet of Things (IoTs)" under HEC (Technology Development Fund)	In process

2059	HEC	Dr. Ijaz Ali	Biosciences	Islamabad	Non-Invasive Biomarkers for Prediction of liver histology and response to therapy in Hepatitis C" under HEC (Technology Development Fund)	In process
2060	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Grant of maintenance of scientific equipment	In Process
2061	HEC	Dr. Saima Nawaz	Management Sciences	Islamabad	Social capital and economic development: Re-examination	In Process
2062	HEC	Dr. M.Ali Shahid	Computer Science	Vehari	Impact of input space on software reliability engineering	In Process
2063	HEC	Ms. Saima Aslam	Physics	Lahore	Semiconductor based nanocomposites for thin film photovoltaics	In Process
2064	HEC	Ar. Uzma Kabir	Architecture	Islamabad	Research based study for development of building codes and zoning ordinance for campus facilities	In Process
2065	HEC	Dr. Saima Anis	Mathematics	Abbottabad	Homomorphic images of the picard group	In Process
2066	HEC	Dr. Abdus Sami Awan	Mathematics	Abbottabad	Application for DAOCTORAL FELLOWSHIP	In Process
2067	HEC	Dr. Maria Siddiqi	Environmental Sciences	Abbottabad	Sonochemical synthesis of modified titanium dioxide nanotubes(visible light active) for treating water pollutants	In Process
2068	HEC	Dr. Muhammad Ali	Chemistry	Abbottabad	Boron mediated asymmetric allylations of Imines and their applications in the total synthesis of kainic acid	In Process
2069	HEC	Dr. Muhammad Hassan	Chemistry	Abbottabad	Exploring the transcriptional regulation mechanism of type III secretion system (T3SS) in plant pathogen pseudomonas syringae	In Process
2070	HEC	Dr. Muhammad Zahid Iqbal	Management Sciences	Islamabad	Performance measurement and appraisal	In Process
2071	HEC	Dr. Saleem Ahmed Bokhari	Biosciences	Islamabad	Validating and exploring biochemical basis of efficacy of a herbal formulation against hepatitis C viral infection	In Process
2072	HEC	Dr. Danish Irfan	Computer Science	Abbottabad	Anti-phishing and relate scenario in social networks	In Process
2073	HEC	Dr. Ahsan Illahi	Physics	Islamabad	Excitation of multiple surface waves in the grating-coupled configuration	In Process
2074	HEC	Dr. Saima Noor	Environmental Sciences	Abbottabad	A New Approach for the Simulation of the effect of nanideal mixing in pharmaceutical crystallization	In Process
2075	HEC	Dr. Madad Khan	Mathematics	Abbottabad	Hurwitz Lie group and their application	In Process
2076	HEC	Dr. Abdullah Shah	Mathematics	Islamabad	Modeling and simulation of multiphase flows	In Process
2077	HEC	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of novel and inexpensive electrolyte membranes for selective ion exchange in fuel cells operations	In Process
2078	HEC	Dr. Muhammad Shakeel	Humanities	Abbottabad	Electoral politics in Colonial india 1937-1947	In Process
2079	HEC	Dr. Amara Mumtaz	Chemistry	Abbottabad	Design and synthesis of anti-cancer small heterocycles by cascade reactions of azidoalkylallenes	In Process
2080	HEC	Dr. Toqeer Ahmed	Environmental Sciences	Abbottabad	Developing and application of bioassay tools to determine the genotoxic properties of the industrial effluent	In Process
2081	HEC	Dr. Junaid Zafar	Electrical Engineering	Lahore	Steering of microwave communication signals using liquid crystal tunable antennas & phased array radars see attached detailed research proposal	In Process
2082	HEC	Dr. Kiran Munair	Biosciences	Islamabad	Analysis of Metal resistance in PGPR: A Proteomic Approach	In Process

2083	HEC	Dr. Muhammad Farhan Shafique	Electrical Engineering	Islamabad	Upgradation of RF Measurement Facility	In process
2084	HEC	Dr. Ayesha Sohail	Mathematics	Lahore	A Novel computational approach to model nonlinear stochastic dynamics	In Process
2085	HEC	Dr. Amir Mahmood	Mathematics	Lahore	Un-Steady flows of Non-Newtonion fluids in cylindrical domains	In process
2086	HEC	Dr. Muhammad Tariq	Library Information Services	Lahore	Institutional Strengthening Upgradation of Labs and Libraries	In process
2087	HEC	Mr. Hafiz Abdur Rehman	Library Information Services	Islamabad	Purchasing of Books and Equipment	In process
2088	HEC	Dr. Ijaz Ali	Biosciences	Islamabad	Establishing a Biomarker and Vancine Development Facility	In process
2089	HEC	Dr. Ahmad Saeed	Electrical Engineering	Lahore	Hardware-Assisted detection of illegal memory accesses in FPGA and Microcontroller based Embedded Systems Startup Research Grant under Interim Placement of Fresh pHdS Program (IPFP/TTS)	In process
2090	HEC	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Nano-zero Valent Iron for a safe and sustainable water supply: enabling Drinking Water Treatment" under HEC PeriDot Research Grant Program 2017	In process
2091	HEC	Dr. Akhtar Hayat	IRCBM	Lahore	Implementation of Filter paper based strips platform for water quality management" under HEC PeriDot Research Grant Program 2017	In process
2092	HEC	Dr. Saqlain Raza	Mathematics	Islamabad	Simulating long -term effect of Agriculture sector policies with Climate Change Perspective (study from Pakistan)	In process
2093	HEC	Dr. Rizwan Raza	Physics	Lahore	Fuel cell Polygeneration for sustainable Development Research program 2017	In process
2094	HEC	Dr. Ahson Jabbar Shiekh	Chemistry	Abbottabad	Optimization of infrared Quantum dot solar cells using Non-Equilibrium green function's formalism	In process
2095	HEC	Dr. Naveed Ahmad	Computer Science	Islamabad	A Holistic Visual Data Center Simulator	In process
2096	HEC	Dr. Ghazanfar Abbas	Physics	Lahore	Electrochemical Studies of Nanocomposite materials for advanced energy conversion technology	In process
2097	HEC	Dr. Saqib Gulzar	Management Sciences	Wah	The Game Changer	In process
2098	HEC	Dr. Muhammad Raza Rafi	Mechanical Engineering	Sahiwal	A Noval Rout to Fabricate 316 L Stainless Steel with enhanced corrosion resistance for orthopedic and dental applications"	In process
2099	HEC	Dr. Muhammad Asrar ul Haq	Management Sciences	Sahiwal	Optimizing Return on Investment Higher Education: Building a Repatriation Model to HelpOverseas Trained Pakistani Scholarship	In process
2100	HEC	Dr. Ikram Shah	Development Studies	Abbottabad	occupational shift in pakistan: Analyzing the challenges and oppourtunities in occupational structure from 2001-2015 under HEC(Thematic Research Grant Program)	In process
2101	HEC	Dr. Kulsoom Bebe Sumra	Policy Studies	Islamabad	Social Wquity and its Realization in pakistan: Promoting inclusive Societies for Sustainable Development	In process

2102	HEC	Dr. Syeda Tamkeen Fatima	Management Sciences	Wah	An Evaluation of Professional Development Opportunities for English Language Faculty: A case study of Pakistan	In process
2103	HEC	Dr. Arif Alam	Development Studies	Abbottabad	Capacity Building for Sustainable Food Security in Mountainous Areas of Azad Jammu & Kashmir	In process
2104	HEC	Dr. Muhammad Mustafa Raziq	Management Sciences	Islamabad	Foreign Multinational Enterprise Subsidiary Roles and their Contribution to Pakistan industry	In process
2105	HEC	Dr. Aasia Nusrat	Humanities	Lahore	Investigating ESL Students and Teachers attitudes towards corrective feedback in Pakistani Universities	In process
2106	HEC	Dr. Khuram Shafi	Management Sciences	Wah	E- Governance Paradigms: ERP Project Evaluation in Pakistan	In process
2107	HEC	Dr. Ghulam Shabbir	Policy Studies	Islamabad	Intrinsic and extrinsic challenges faced by the muslim world and role of pakistan: Islam's normative weltanschauung for global peace and harmony	In process
2108	HEC	Dr. Aqif Anwar Chaudhry	IRCBM	Lahore	Grant of maintenance of scientific equipment	In process
2109	HEC	Dr. Muhammad Noor ul Amin	Statistics	Lahore	Commitment to good governance and development	In process
2110	HEC	Dr. Muhammad Shakol Ahmed	Management Sciences	Attock	Decentralization and local government paradox: Local empowerment, social capital and sustainable development	In process
2111	HEC	Dr. Abubakr Saeed	Management Sciences	Islamabad	Extent and economic cost of exclusion of transgenders from the job market: A case of Pakistan	In process
2112	HEC	Dr. Muhammad Shakeel Ahmad	Policy Studies	Islamabad	Inclusive and equitable electoral process for Pakistan: Promoting civic engagements, strengthening electoral integrity and mainstreaming marginalized social groups- persons with disabilities, Transgender, women and minorities	In process
2113	HEC	Dr. Osman Sadiq Paracha	Management Sciences	Islamabad	High performance work systems (HPWS) and schools effectiveness: the case of government higher secondary schools	In process
2114	HEC	Dr. Noureen Adnan	Management Sciences	Islamabad	Factors affecting the financial literacy of students: A case of Pakistan	In process
2115	HEC	Dr. Mubashir Ali Abid	Pharmacy	Abbottabad	Grant of maintenance of scientific equipment (BD Accuri TM C6)	In process
2116	HEC	Dr. Moshin Zahid	Management Sciences	Wah	Handbook of Management Theories	In process
2117	HEC	Dr. Rabiah Rustum	Humanities	Abbottabad	Handbook of Management Theories	In process
2118	HEC	Dr. Ali Usman	Mechanical Engineering	Wah	Development of high stroke reciprocating test rig for tribological performance evaluation	In process
2119	HEC	Dr. Muhammadi Sabra Nadeem	Management Sciences	Islamabad	International accreditation of business education in Pakistan: Motivations and Challenges	In process
2120	HEC	Dr. Muhammad Khan	Management Sciences	Lahore	Performance pay, workplace health and organizational performance: A panel study of textile firms.	In process
2121	HEC	Dr. Jamshad Iqbal	Pharmacy	Abbottabad	Grant of maintenance of scientific Equipment'(FLUOstar Omega)	In process

2122	HEC	Dr. Muhammad Jawad Khan	Biosciences	Islamabad	Analysis of microarray gene expression in dairy cattle fed high fat diets	In process
2123	HEC	Dr. Zulfiqar Habib	Computer Science	Lahore	Computer imaging processing and computer vision using matlab	In Process
2124	HEC	Dr. Samina Khalid	Environmental Sciences	Vehari	Food safety for fresh produce	In Process
2125	HEC	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Biogeochemical behaviour of heavy metals in soils-plant system	In Process
2126	HEC	Dr. Sadaf ul Hassan	Chemistry	Lahore	An efficient oxidative desulfurization of model oil using polyxometalates based catalysts	In Process
2127	HEC	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Recovery of flue gas energy from boiler via air water shell& tube heat exchanger	In Process
2128	HEC	Dr. Rizwan Raza	Physics	Lahore	Extraction of calcium carbonate/oxide from eggshells and potassium carbonate from banana peels for energy devices	In Process
2129	HEC	Dr. Zulfiqar A Bhatti	Environmental Sciences	Abbottabad	Low cost prototype hospital waste incineration wet scrubbing bio filtration and wastewater ozonation to control pollution	In Process
2130	HEC	Prof. Dr. Robina Farooq	Chemistry	Lahore	Microbial electrochemical system for the removal of btx in contaminated ground water(PAK-TURK)	In Process
2131	HEC	Dr. Asma Tufail	IRCBM	Lahore	Smart injectable self setting bioceramics for orthopedic and dental applications	In Process
2132	HEC	Dr. Muhammad Abuzar Baqir	EE	Sahiwal	Smart injectable self setting bioceramics for orthopedic and dental applications	In Process
2133	HEC	Dr. Uzma Khaliq	Physics	Islamabad	Enhancement of solar cells using nanostructures	In Process
2134	HEC	Ms. Zahra Batool	Chemistry	Abbottabad	Access to scientific instrumentation program	In Process
2135	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Grants for maintenance of scientific equipment	In Process
2136	HEC	Dr. Iftikhar Ahmed	Energy Research Centre	Lahore	Commercialization of ECO min mix and ultra water commercialization of two products extracted from r.o waste by new energy efficient technology	In Process
2137	HEC	Dr. Ghufraan Ahmed	Computer Science	Islamabad	Smart health: health assistance for dementia and sleeplessness (use of sensor networks and machine intelligence for mental health services)	In Process
2138	HEC	Dr. Tareq Manzoor	Energy Research Centre	Lahore	Design development and promotion of low cost solar thermal system for industrial heat generation in pakistan	In Process
2139	HEC	Ms. Ayesha Saleem	Physics	Lahore	Doped graphene oxide and its composites for sensing applications	In Process
2140	HEC	Ms. Aneeta Arshad	Chemistry	Abbottabad	Access to scientific instrumentation program	In Process
2141	HEC	Dr. Shumaila Karamat	Physics	Islamabad	Structural engineering of transition metal dichalcogenides	In Process
2142	HEC	Dr. Uzma Khaliq	Physics	Islamabad	Optical characterization of photonic components like ring resonators couples and filters	In Process
2143	HEC	Dr. Hasan Ali Khattak	Computer Science	Islamabad	Predictive real time waste monitoring system using IoT and machine learning	In Process
2144	HEC	Dr. Asad Ullah Khan	Chemical Engineering	Lahore	Grants for maintenance of scientific equipment	In Process
2145	HEC	Mr. Saffi ur Rehman	Earth Science	Abbottabad	Access to scientific instrumentation program	In Process

2146	HEC	Dr. ZahidImran	Physics	Islamabad	Characterization of polarization converters	In Process
2147	HEC	Dr. Jamshed Iqbal	Cetre for advanced drug research	Abbottabad	Chemical synthesis and elucidation of biological effects of fat tase receptor analogues	In Process
2148	HEC	Dr. Tahir Akhtar	Management Sciences	Abbottabad	Country and level corporate governance mechanis cash holdings and firm value. A case study of Pakistan	In Process
2149	HEC	Dr. Sofia Rashid	Biosciences	Islamabad	Taxonomic and phytochemical screening of traded herbal	In Process
2150	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Production of diagnose kits (ELISA & LAMP) aqainst echinococcosis in human and livesstock	In Process
2151	HEC	Ms. Rania Naz	Chemistry	Abbottabad	Access to Scientific Instrumentation Program	In Process
2152	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Determination of correlation of echinococcosis among human animals and environment: A step towards one health strategy	In Process
2153	HEC	Dr. Aneel Salman	Management Sciences	Islamabad	Making CPEC a model for eco-civilization capacity building and knowledge transfer	In Process
2154	HEC	Ms. Memoona	Chemistry	Abbottabad	Access to scientific intrumentation program	In Process
2155	HEC	Dr. Rizwan Raza	Physics	Lahore	Grant of maintenance of scientific equipment	In Process
2156	HEC	Muhammad Shahzad Khurram	Chemical Engineering	Lahore	GASIFICATION OF LOW GRADE COAL IN BUBBLING FLUIDIZED BED FOR PRODUCTION OF SYNGAS	In Process
2157	HEC	Dr. Umer Rashid	Chemistry	Abbottabad	A Combined Ligand- and Structure-Based Approach to design and synthesize novel AChE Inhibition-based multi-target-directed ligands against Alzheimer's Disease	In Process
2158	HEC	Dr. Muhammad Naeem	Electrical Engineering	Wah	A CYBER PHYSICAL FRAMEWORK FOR ROBUST AND SECURE ENERGY METER DATA COLLECTION	In Process
2159	HEC	Sajid Haider	Management Sciences	Vehari	A Field Quasi-Experiment for Examining the Effects of Compassionate Leadership Training on Employee Job Engagement and Organizational Citizenship Behavior	In Process
2160	HEC	Dr. Wilayat Khan	Electrical Engineering	Wah	A formal framework for building trusted hardware systems	In Process
2161	HEC	Dr Muhammad Kamran	Computer science	Wah	A framework for monitoring data security and versioning of relational databases	In Process
2162	HEC	Dr Riffat Jabeen	Statistics	Lahore	A logic role of Probability distribution after analyzing ranked set data	In Process
2163	HEC	Syed Rameez Naqvi	Electrical Engineering	Wah	A Massively-Parallel Processing Framework for Stereo based Digital Surface Model Generation	In Process
2164	HEC	Dr. Mazhar Ali	Environmental Sciences	Vehari	A new approach for evaluation of feeding value of sorghum to enhance future breeding and feed evaluation system under changing climatic conditions of Pakistan	In Process
2165	HEC	Dr Saeed Ehsan awan	Electrical Engineering	Attock	A Novel high Efficiency, high gain bidirectional converter for standalone Photovoltaic power systems	In Process
2166	HEC	Nadia Nawaz	Electrical Engineering	Wah	A REAL-TIME NAVIGATION SYSTEM FOR MARINE APPLICATIONS	In Process

2167	HEC	Dr Rabia Habib	Biosciences	Islamabad	A Study of Genes involved in Innate and Adaptive Immune Response Signal Network Association with Systemic Lupus Erythematosus in Pakistani Population	In Process
2168	HEC	Dr. Hafiz Obaid Ullah Mehmood	Mathematics	Wah	A Study on the non-Newtonian Thermal Physiological Fluid Flows	In Process
2169	HEC	Dr. Abida Kalsoom Khan	Chemistry	Abbottabad	absorption of micronutrients in form of nanoparticles through foliar cells in the seasonal crops and vegetables	In Process
2170	HEC	Zahida Ehsan	physics	Lahore	Acceleration of dust and energetic particles in tokmak plasma	In Process
2171	HEC	Dr. Muhammad Usman Shahid Khan	Computer Science	Abbottabad	Activity recognition of elderly people in Pakistan to avoid accidental injuries using wearable sensors and machine learning	In Process
2172	HEC	DR. WAJID NASIM JATOI	Environmental Sciences	Vehari	Adoptive Measures for Elevated Surface O ₃ towards Sustainable Environment and Food Security in Context of Climate Change Impact Assessment in Pakistan	In Process
2173	HEC	Dr. Nadia Riaz	Environmental Sciences	Abbottabad	Adsorption and Photocatalytic Degradation of Textile Dyes under Visible Light Irradiation Using Titanium Doped Nano Photocatalysts	In Process
2174	HEC	Dr. Sana Javed	Mathematics	Lahore	Advances in Ecological Information Systems towards Epidemiology	In Process
2175	HEC	Muhammad Tahir	Environmental Sciences	Vehari	AGROCHEMICAL DEGRADATION AND FOOD CHAIN DECONTAMINATION THROUGH BACTERIAL ACTION	In Process
2176	HEC	Bilal Tariq	Management Sciences	Vehari	An Analytical Study of Consumers Purchase Intention for Energy Efficient Household Appliances in Southern Punjab, Pakistan	In Process
2177	HEC	Dr. Iftikhar Ahmed Khan	Computer Science	Abbottabad	AN ICT SOLUTION TOWARDS ERADICATING ILLITERACY FROM Pakistan	In Process
2178	HEC	Dr. Rabia Saleem	Mathematics	Lahore	An Inflated Debate on Compelling Issues of Cosmic Inflation	In Process
2179	HEC	Dr. Irem Batool	Departement of Management Science	SAHIWAL	An Investigation of Truck Overloading Phenomenon in Pakistan	In Process
2180	HEC	Khuda Bakhsh	Management Sciences	Vehari	Analysing land use changes and impacts on profitability, soil fertility and resource uses in Punjab	In Process
2181	HEC	Dr. Imran Ghous	Electrical	Lahore	Analysis and synthesis of 2-D singular non-linear systems	In Process
2182	HEC	Dr Manzoor Ahmad Zahid	Mathematics	Sahiwal	Analysis of fractional reaction diffusion system for Thermal model problems	In Process
2183	HEC	Muhammad Qasim	Mathematics	Islamabad	ANALYSIS OF LOCAL NON-SIMILAR BOUNDARY LAYER FLOWS	In Process
2184	HEC	Dr. Asif waheed	Mathematics	Attock	Analytical treatment for a discrete delay model of HIV infection of CD4+ T-cells	In Process
2185	HEC	Asma Amjad	BioSciences	Islamabad	Anoctamins as a therapeutic target in Cancer Progression	In Process
2186	HEC	Dr. Shazia Mannan	Biosciences	Sahiwal	Anti Cancer Drug Designing from "Gossypol"-A Compound Present in Cotton Plant and Seeds	In Process

2187	HEC	Javed Iqbal	Chemical Engineering Department	Lahore	Application of Economical Crystallization Method in Sugar and Pharmaceutical Industries	In Process
2188	HEC	Saira Arif	Physics	Islamabad	Application of Lasers for Phase Separation, nanostructuring and micro-processing of selected materials	In Process
2189	HEC	Dr. Muhammad Inam Afzal	Department of Biosciences	Islamabad	Application of probiotic lactic acid bacteria for developing healthier and safe food products in Pakistan	In Process
2190	HEC	Dr. Ishtiaq Ali	Mathematics	Islamabad	Application of spectral methods to delay differential and stochastic delay differential equations	In Process
2191	HEC	Shabieh Farwa	Mathematics	Wah	Applications of Algebra and Geometry in Digital Multimedia Security	In Process
2192	HEC	Muhammad Bilal Ashraf	Mathematics	Wah	Applications of Newtonian and Non-Newtonian Fluids Through Different Configurations	In Process
2193	HEC	Dr. Sarfraz Nawaz Malik	Mathematics	Wah	Applications of Quantum Calculus in Geometric Function Theory	In Process
2194	HEC	Imran Shafique	Management Sciences	Lahore	Artisan Entrepreneurial Training Program to Promote Cottage Industry in Pakistan	In Process
2195	HEC	Wasim Abbas	Management Sciences	Vehari	Assessing Societal and Environmental Impacts of Waste Disposition Behaviors of Private (Surgical) Hospitals in Pakistan. A Case Study of Southern Punjab, Pakistan	In Process
2196	HEC	Dr. Saima Nawaz	Management Science	Islamabad	Assessing the evolution and effectiveness of payment models or cash transfer program: The case of BISP	In Process
2197	HEC	Dr. Kifayatullah	Islamabad	Islamabad	Assessing the Potential of magnetic nano-Catalysts CaO-?-Fe2O3 &..... Liquid biofuel Production"	In Process
2198	HEC	Dr. Malik Tahir Hayat	Environmental Sciences	Abbottabad	Assessment and Remediation of Emerging Persistent Organic Pollutants from Hatter and Nowshera industrial areas of khyber pakhtunkhwa.	In Process
2199	HEC	Romana Khan	Environmental Sciences	Abbottabad	Assessment of Ambient Air Quality of Abbottabad and Development of a Hybrid Air Cleaning System for Indoor Air Pollution Control	In Process
2200	HEC	Ghulam Mustafa Shah	Environmental Sciences	Vehari	Assessment of fertilizer value and associated health risks during up-cycling of putrescible solid waste via anaerobic composting	In Process
2201	HEC	Dr. Asgahr Shabbir	Biosciences	Islamabad	Assessment of impact of commercially available milk, cooking oil and broiler chicken meat on the development of hypertension.	In Process
2202	HEC	Dr. Bibi Saima Zeb	Environmental Sciences	Abbottabad	Assessment of Indus River Quality in the Upper Streams Areas of Pakistan	In Process
2203	HEC	Dr. Amjad Farooq	Environmental Sciences	Vehari	Assessment of productivity and value added products of Jasminum spp.	In Process
2204	HEC	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	Augments salt tolerance of Zea mays via stacking of genes involved in Na+ transport-SOS1-NHX1-HKT1, assessing environmental risks and potential for bioethanol production	In Process

2205	HEC	Shahid Hussain	Computer Science	Islamabad	AUTOMATED FRAMEWORK FOR THE CLASSIFICATION AND SELECTION OF SOFTWARE DESIGN PATTERN USING TEXT CATEGORIZATION APPROACH	In Process
2206	HEC	Dr. Muhammad Sharif	Computer Science	Wah	AUTOMATED VISUAL SURVEILLANCE TO DETECT THREATS IN IMPORTANT PUBLIC PLACES	In Process
2207	HEC	Ikramullah Khosa	Electrical Engineering	Lahore	Automatic Vehicle Entry System using Vision based Bi-level Authentication	In Process
2208	HEC	Iftikhar Ahmad	Department of Environmental	Vehari	Bacterial assisted phytoremediation of arsenic through root vegetables	In Process
2209	HEC	Dr. Maimona Rafiq	Mathematics	Attock	Biconvective peristaltic flow of nanofluid with gyrotactic microorganisms and magnetic field	In Process
2210	HEC	Dr. Saadia Naseem	Biosciences	Islamabad	Bioformulation of Bacteriophage Consortium for Control of Bacterial Leaf Blight (BLB) Disease in Rice	In Process
2211	HEC	Dr. Farman Ali Khan	Computer Science	Attock	Bridging the Gap between Learning Management Systems and Learning Outcome Assessments.	In Process
2212	HEC	Dr Muhammad Ghaffar Doggar	Electrical Engineering	Lahore	Capacity Building of COMSATS Manpower and Promotion of Energy Efficiency Measures in Punjab Province of Pakistan	In Process
2213	HEC	Dr Faheem Shah	Chemistry	Abbottabad	CARBON QUANTUM DOT-BASED FLUORESCENT PROBES: SYNTHESIS AND APPLICATION IN BIO- AND CHEMOSENSING, AND BIOIMAGING	In Process
2214	HEC	Raheem Gul	Mathematics	Abbottabad	Cardiovascular Simulator (CSim) of the human systemic circulation for teaching and research purposes	In Process
2215	HEC	Dr. Rabia Naz	Biosciences	Islamabad	Characterization of bioactive compounds from Jacaranda mimosifolia to formulate eco-friendly biofungicide	In Process
2216	HEC	Dr Mazhar Ali	Environmental Sciences	Vehari	Characterization of feeding value of maize to improve feed evaluation system and future breeding program under semiarid agro-ecological conditions of Pakistan	In Process
2217	HEC	Dr. Ayesha Baig	Environmental Sciences	Abbottabad	Chemical genomics based dissectng o disease resistance mechanism by silencing WRKY70 ortholog in potato against bacterial pathogen	In Process
2218	HEC	Dr. Amir Rafique	Management Science	Islamabad	Circuit breakers signalling and over reaction: A Case of PSE	In Process
2219	HEC	Dr. Qaiser Aman	Management Sciences	Vehari	Civic Sense, Ethical Education and its Impact on Social Development: A Comparative Study of Southern Punjab and Khyber Pakhtunkhawa Universities, Pakistan	In Process
2220	HEC	Dr Safia Zahid	Metrology	Islamabad	CLIMATE CHANGE AND WOMEN HEALTH: IMPACT VULNERABILITY AND ADAPTATION FOR UNDER DEVELOP AREAS OF PAKISTAN	In Process

2221	HEC	Dr. Muhammad Arshad Rafiq	Biosciences	Islamabad	Clinical, Genetic and Therapeutic Studies on Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) in Various Pakistani Population	In Process
2222	HEC	Muhammad Fazeel Anwar	Mathematics	Islamabad	Cohomology of Line Bundles for Quantum Group	In Process
2223	HEC	Dr. Hani Shaker	Mathematics	Lahore	Combinatorial Aspects of Knotted Structures and Related Graphs	In Process
2224	HEC	Dr. Muhammad UMER	Biosciences	Islamabad	Comparative investigation of microbial and chemical pretreatments on Phragmites karka and Arundo donax for improved bioethanol yield	In Process
2225	HEC	Rida Irfan	Mathematics	Sahiwal	Computation of Homological Invariants of Binomial Edge Ideals and Generalized Binomial Edge Ideals	In Process
2226	HEC	Dr. Tahir Mushtaq	Computer Science	Vehari	Computational approach in the simulation of articulatory model of the vocal tract	In Process
2227	HEC	Dr. Muhammad Naeem	Mathematics	Sahiwal	COMPUTATIONS AND CHARACTERIZATION OF MONOMIAL IDEALS ASSIGNED TO GRAPH DECOMPOSITION	In Process
2228	HEC	Dr. Muhammad Ayub	Mathematics	Abbottabad	Conservation Laws for Systems of 2nd- Order Ordinary Differential Equations	In Process
2229	HEC	Dr. Muhammad Waseem	Computer Science	Attock	Construction of efficient iterative schemes for nonlinear equations using multiplicative calculus	In Process
2230	HEC	Takasar Hussain	Department of Mathematics	Attock	Control measures of TB disease	In Process
2231	HEC	Muhammad Ozair	Mathematics	Attock	Control of smoking menace through mathematical modelling	In Process
2232	HEC	Dr. Muhammad Aqeel Ahamd Khan	Mathematics	Lahore	Convergence Analysis and Extraction of Explicit Effective and Computable Uniform Bounds of Proximal Point Algorithm in Spaces of Non-Positive Sectional Curvature	In Process
2233	HEC	Dr. Abid Ali Khan	Biosciences	Islamabad	Core-Shell (FexOy@Au) Nanoparticles for Gene Silencing combined with Magnetic Hyperthermia	In Process
2234	HEC	Rashid Nazir	Environmental Sciences	Abbottabad	Coupling novel Himalayan aerobic microbial consortia with anaerobic digestion to evaluate the antibiotic resistance development in environment	In Process
2235	HEC	Adeel Farooq	Mathematics	Lahore	Coxeter Generators for subgroups of the bimonster	In Process
2236	HEC	Shabana Nisar	physics	Lahore	CP-Violation in Charm and b Decays	In Process
2237	HEC	Dr. Faridullah	Department of Environmental	Abbottabad	Crop Response and Nutrient Availability from Composted Livestock Manures in Soils of Hilly Areas of Hazara Division	In Process
2238	HEC	Dr. Ajmal Khan	Electrical Engineering	Attock	CYBER EXTREMISM PREDICTION BASED SOCIAL NETWORK MODELING AND PRIVACY CONTROL IN HETEROGENEOUS SOCIAL NETWORK ENVIRONMENT	In Process
2239	HEC	Ayesha Tahir	Biosciences	Islamabad	Deciphering the most influential biotic and abiotic stresses for yield maximization using modern OMICS tools: first Mungbean genomic selection program	In Process

2240	HEC	Dr Waseem Haider	Biosciences	Islamabad	Denovo assembly of Pakistani genomes to obtain a population reference	In Process
2241	HEC	Shahid Khattak	Electrical Engineering	Abbottabad	DESIGN & DEVELOPMENT OF WIRELESS ACQUISITION AND CONTROL UNIT FOR UPPER LIMB PROSTHESIS	In Process
2242	HEC	Dr Tareq Manzoor	Energy Research center	Lahore	DESIGN AND ANALYSIS OF SOLAR-THERMAL SYSTEM FOR INDUSTRIAL HEAT GENERATION	In Process
2243	HEC	Shahzad Ali Malik	EE	Islamabad	Design and develop of efficeint techniques for optimal radiospectrum utilisaiton and mobility in cognitive radio (CR based 5G communication systems	In Process
2244	HEC	Dr Rizwan Raza	Physics	Lahore	Design and integration of multi-fuel advance fuel cell with micro gas turbine polygeneration system	In Process
2245	HEC	Dr Amara Mumtaz	Chemistry	Abbottabad	Design the synthesis of new six membered heterocycles "rings of the future" as imaging agents.	In Process
2246	HEC	Dr Muhammad Ghaffar Doggar	Energy Research Center	Lahore	Design, Development and Promotion of Solar PV Air Conditioning System (PVAC) in Pakistan	In Process
2247	HEC	Dr Syed Aftab Naqvi	Electrical Engineering	Sahiwal	DETECTION OF AFLATOXIN-B1 IN MAMMALS FEED TO PREVENT AFLATOXIN-M1 USING MICROSTRIP PATCH ANTENNA-BASED BIOSENSOR	In Process
2248	HEC	Dr Hafiz Muhammad Arshad	Management Sciences	Sahiwal	Determinants of Financial Stability of Islamic Banks and Comparison with Conventional Banks	In Process
2249	HEC	Syed Atif Ali	Management Sciences	Lahore	Determinants of tax non-compliance attitude; A socioeconomic perspective	In Process
2250	HEC	MUHAMMAD SHAKIL AHMAD	Management Sciences	Attock	Determinants of Tenure Track Faculty Retention: A case of Public Sector Universities	In Process
2251	HEC	Zafar Iqbal	Chemistry	Abbottabad	Developing Phthalocyanine Coated Antimicrobial Cotton Fabrics	In Process
2252	HEC	Dr. Muhammad Sohail	Pharmacy	Abbottabad	DEVELOPMENT AND APPLICATION OF BIODEGRADABLE BIOMATERIALS FOR THE TREATMENT OF OSTEOARTHRITIS USING NANOMEDICINES	In Process
2253	HEC	Dr. Muhammad Asif Naem	Environmental Sciences	Vehari	Development and Commercialization of a Novel Biochar-Based Slow Release Fertilizer for Sustainable Production of Cereals	In Process
2254	HEC	Sikander Rafiq	Chemical Engineering	Lahore	Development and evaluation of novel composite polymer based ionic liquid (PILs) membranes for CO2 capture	In Process
2255	HEC	Dr. Khawaja Fawad Latif	Management Sciences	Attock	Development and Validation of a Stakeholder Based Scale to Measure Social Responsibility of Non-Governmental Organizations and its Impact on Project Success	In Process

2256	HEC	Dr. Ghulam Hussain	Management Sciences	Lahore	Development and Validation of Family's Ethnic Values Scale and the role of Family's ethnic and sub-culture values in shaping the Entrepreneurial Intentions of their Children enrolled at University-Level	In Process
2257	HEC	Dr. Shahid Masood Shah	Environmental Sciences	Abbottabad	DEVELOPMENT AND VALIDATION OF SINGLE NUCLEOTIDE POLYMORPHIC MARKERS SYSTEM IN BASMATI RICE	In Process
2258	HEC	Dr. Sobia Baig	Electrical Engineering	Lahore	Development of a Communication System Test Bed for Internet of Things in Smart Grids	In Process
2259	HEC	Dr. Ramla Shahid	Biosciences	Islamabad	Development of a Novel Cost effective Immunosensor to detect Circulating Cancer Stem cells in Peripheral blood to Improve Diagnosis/Prognosis of Cancer	In Process
2260	HEC	Dr. Ata ur Rehman	Electrical Engineering	Attock	DEVELOPMENT OF A WIRELESS SENSOR NETWORK FOR LOCALIZATION OF A PERSON IN INDOOR ENVIRONMENT WITH IMPROVED ACCURACY	In Process
2261	HEC	Malik Nadeem Akhtar	Biosciences	Islamabad	Development of an Alternative Polyadenylation Resource and Computational Software to Support Novel Gene Discovery Research in Plants	In Process
2262	HEC	Dr. Rabia Naz	Biosciences	Islamabad	Development of biofungicide against southern leaf blight of maize as a possible substitute to synthetic fungicide	In Process
2263	HEC	Dr. Irfan Sadiq	Biosciences	Islamabad	Development of drought tolerant transgenic tomato (Solanum lycopersicum) plants	In Process
2264	HEC	Dr. Zahid Ali	Biosciences	Islamabad	Development of drought-resilient tomato through genome editing strategies aimed at maximizing water use efficiency (STRITOM)	In Process
2265	HEC	Dr. Muhammad Yasin	Chemical Engineering	Lahore	DEVELOPMENT OF HIGH MASS TRANSFER GAS DIFFUSING SYSTEM FOR MICROBIAL PRODUCTION OF BIOFUELS AND BIOCHEMICALS	In Process
2266	HEC	Dr. Toqeer Ahmed	CCRD	Islamabad	Development of Integrated Solid Waste Management System (ISWMS) for Rawalpindi City, Pakistan	In Process
2267	HEC	Asim Yaqub	Environmental Sciences	Abbottabad	Development of low cost pilot drinking water treatment plant for district Abbottabad, Pakistan.	In Process
2268	HEC	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Development of Modified Nanomaterials for Sonophotocatalytic Decomposition of Hazardous Contaminants in Pharmaceutical Wastewater	In Process
2269	HEC	Dr Muhammad Faraz Arshad Malik	Biosciences	Islamabad	Development of Molecular Typing Kit for Identification of Species in Meat and Associated Byproducts	In Process
2270	HEC	Dr. Ghazanfar Abbas	Physics	Lahore	Development of Nanostructured Low Cost Advanced Fuel Cells for Energy Applications	In Process
2271	HEC	Dr. Faheem Shah	Chemistry	Abbottabad	DEVELOPMENT OF NEW ELECTROCHEMICAL SENSORS FOR THE DETECTION AND QUANTIFICATION OF ANTITUBERCULAR DRUGS	In Process

2272	HEC	Dr. Mushtaq Ahmad	Physics	Islamabad	Development of novel nano-photocatalysts for purification of waste water and hydrogen evolution	In Process
2273	HEC	Sobia Tabassum	Interdisciplinary Research Centre in Biomedical Materials (IRCBM)	Lahore	Development of Osteomyelitis retarding Drug Loaded Zein/Functionalized Hydroxyapatite Hybrid Synthetic Bone Grafts	In Process
2274	HEC	Dr. Muhammad Rizwan	Chemical Engineering	Lahore	DEVELOPMENT OF PILOT PLANT FOR CONTINUOUS CATALYTIC PRODUCTION OF BIODIESEL FROM VARIOUS FEEDSTOCKS (REFINED, WASTE AND NON-EDIBLE OILS) USING PACKED BED REACTOR	In Process
2275	HEC	Faisal Nawaz	Management Sciences	Attock	DEVELOPMENT OF PLATFORM FOR AGRICULTURE SECTOR :AGRINNO (AGRICULTURE INNOVATED)	In Process
2276	HEC	Raza Ahmad	Environmental Sciences	Abbottabad	Development of Robust Potato Seed Tuber Production System: A Pilot Scale Approach	In Process
2277	HEC	Dr Muhammad Bilal	Environmental Sciences	Abbottabad	DEVELOPMENT OF SUSTAINABLE AND SEQUENTIAL TREATMENT FOR TEXTILE WASTEWATER AND BIOENERGY GENERATION FROM CONTAMINATED SLUDGE	In Process
2278	HEC	Nazish Bostan	Biosciences	Islamabad	development of sustainable diagnostic technology based on hybridoma monoclonal antibody production for foot and mouth disease virus	In Process
2279	HEC	Dr. Saeed Anwar	CPS	Islamabad	Development of Teachers training module for secondary school teachers	In Process
2280	HEC	Dr. Muhammad Awais Javed	Electrical Engineering	Islamabad	Development of traffic congestion information system for road network in Pakistan	In Process
2281	HEC	Dr. Arslan Usman	Physics	Lahore	Development of two-dimensional semiconductor heterostructures for optoelectronic devices	In Process
2282	HEC	Muhammad Noor-ul-amin	Statistics	Lahore	Developments and Estimation in Ranked Set Sampling	In Process
2283	HEC	Dr. Fiaz Gul Khan	Computer Science	Abbottabad	DIABETIC RETINOPATHY IDENTIFICATION USING MACHINE LEARNING	In Process
2284	HEC	SALMAN AMIN MALIK	Mathematics	Islamabad	Digital Image Restoration using Nonlocal Partial Differential Equations	In Process
2285	HEC	Muhammad Sajjad	Department of Environmental	Vehari	Discovering Grain Yield Related Genes in Common Wheat and Their Validation in Pakistani Wheat Germplasm	In Process
2286	HEC	Dr. Asim Mehmood	Biosciences	Sahiwal	DNA fingerprinting to assess genetic fidelity of micropropagated guava (Psidium guajava L.) for true to type nursery production	In Process
2287	HEC	Asim Anwar	Management Sciences	Attock	Does higher education affect learning outcome and job satisfaction	In Process
2288	HEC	Dr. Summaira Malik	Management Sciences	Lahore	Does Microfinance Play any Role to Empower Women of Multan: A Comparative analysis of member and non-member Women	In Process

2289	HEC	Dr. Saqib Mumtaz	Biosciences	Islamabad	Development of plastic waste management system by utilizing degradative microorganisms	In Process
2290	HEC	Qudsia Yousafi	Biosciences	Sahiwal	Economical and environment friendly Aphid management strategies in Canola Brassica napus	In Process
2291	HEC	Noor Samad Shah	Environmental Sciences	Vehari	ECO-TOXICITY AND HUMAN ESTROGENIC EXPOSURE RISKS FROM PESTICIDES CONTAMINATION IN WATER: FUNDAMENTAL APPROACH FOR DEVELOPING EFFECTIVE TREATMENT TECHNOLOGIES	In Process
2292	HEC	Dr Abdul Mannan	Pharmacy	Abbottabad	EFFECT OF ALKYL CHAIN LENGTH ON THE ANTI-INFLAMMATORY, ANTI-ANGIOGENIC AND ANTI-CANCER PROPERTIES OF BETULINIC ACID AND ETHYL-P-METHOXYCINNAMATE	In Process
2293	HEC	Aasia Nusrat	Humanities	Lahore	Effect of gender and English proficiency level on writing strategy use among Pakistani primary and secondary school students in South Punjab	In Process
2294	HEC	Aasia Nusrat	humanities	Lahore	Effect of gender on ESL undergrad students' attitudes about teachers' written feedback (WF) in Pakistan	In Process
2295	HEC	Dr Muhammad Salman Mustafa	Mechanical Engineering	Sahiwal	Effect of surface roughness on adhesive bonding of metals	In Process
2296	HEC	Ayyaz Qadeer	Management Sciences	Wah	Effectiveness of Business English Courses in Undergraduate Business Degree Programs of Pakistani Universities: A Post-Teaching Perspective of Teachers and Recent Graduates	In Process
2297	HEC	Dr. Behzad Murtaza	Department of Environmental Sciences	Vehari	EFFECTIVENESS OF MUNICIPAL SOLID WASTE COMPOST IN SALT-AFFECTED SOILS TO IMPROVE PRODUCTIVITY IN RICE-WHEAT CROPPING SYSTEM	In Process
2298	HEC	Dr. Kaleem Imdad	Biosciences	Islamabad	Efficient enhancement in biocatalytic activity of glucuronidase for glycyrrhizin transformation through process design and medium engineering	In Process
2299	HEC	Dr Abrar Faisal	Chemical Engineering	Lahore	Efficient recovery of useful biochemicals from model fermentation broths using zeolites, activated carbon and metal organic frameworks (MOFs)	In Process
2300	HEC	Dr Khalid Rauf	Pharmacy	Abbottabad	Behavioral and Neurochemical profiling of selected synthetic in Murine model of Polysubstance abuse	In Process
2301	HEC	Dr.Ishrat Sultana	Physics	Lahore	Electrodeposition of metallic nanoparticles on paper based electrodes for their potential applications in energy storage devices	In Process
2302	HEC	Dr. Muhammad Kamran	Physics	Islamabad	ELECTROMAGNETIC FIELD SIMULATIONS IN RF CAVITIES	In Process
2303	HEC	TARIQ JAVED ZIA	Mathematics	Lahore	electronic voting	In Process
2304	HEC	Saima Noreen	Mathematics	Islamabad	Electro-Osmotically Induced Peristaltic Flows	In Process

2305	HEC	DR. MUHAMMAD NAEEM AWAIS	Electrical Engineering	Lahore	Energy and Area Efficient Architecture of Arithmetic and Logic Unit	In Process
2306	HEC	Yousaf Habib	Mathematics	Lahore	Energy Preserving General Linear Methods	In Process
2307	HEC	Dr. Fariha Khan	Biosciences	Islamabad	Engineering the soil microbiome with glycine-rich RNA-binding protein for multiple stress tolerance in wheat	In Process
2308	HEC	Dr. Rumana keyani	Biosciences	Islamabad	Enhancement of oxidative stress tolerance in wheat by exploiting antioxidant enzymes	In Process
2309	HEC	Jamshaid Hussain	Environmental Sciences	Abbottabad	Enhancing Drought tolerance of Solanum lycopersicum by genetic manipulation of proteins involved in drought stress perception	In Process
2310	HEC	Muhammad Nadeem	Environmental Sciences	Vehari	Enhancing phosphorus use efficiency in wheat: Implications for sustainable crop production	In Process
2311	HEC	Naveed Ahmad	Environmental Sciences	Vehari	Enhancing the Potential of Reproduction of Dairy Mammals in Vehari District by Measuring and Reducing Toxic Levels of Arsenic	In Process
2312	HEC	Saleem Ahmed	Mathematics	Islamabad	ENTROPY GENERATION AND HEAT TRANSFER ANALYSIS FOR PERISTALTIC FLOWS OF NON-NEWTONIAN FLUIDS	In Process
2313	HEC	Dr.Shamyla Nawazish	Environmental Sciences	Abbottabad	ENVIRONMENTAL EDUCATION LEADING TO VISIBLE IMPACT AND SKILLS EMPOWERMENT IN HAZARA DIVISION	In Process
2314	HEC	Syeda Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Enzyme based degradation of Chlorinated pesticides and determination of complete pathway of selected Chlorinated pesticides	In Process
2315	HEC	Sajida Batool	Biosciences	Islamabad	Epigenetic profiling of stemness in head and neck cancer	In Process
2316	HEC	Dr Sabir Hussain	Biosciences	Islamabad	ESTABLISHMENT OF CASUAL ASSOCIATION BETWEEN ARGINASE-1 AND DIABETES MELLITUS IN PATIENTS: A MENDELIAN RANDOMIZED STUDY	In Process
2317	HEC	Dr.Akbar Ali	Physics	Lahore	Estimation of urea in urine and blood using Chitosan/Fe3O4, Co3O4,Ag- Nanoparticles based biosensors	In Process
2318	HEC	Muhammad Ismail	Statistics	Lahore	ESTIMATION OF WOMEN EMPOWERMENT IN NORTHERN AREAS OF PAKISTAN, USING TWO PHASE SAMPLING IN THE PRESENCE OF NON-RESPONSE.	In Process
2319	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Evaluating the Nutritional Quality and Antioxidant Properties of Salt-Tolerant Wheat (Triticum aestivum L.) Genotypes Grown at Different Climatic Regions of Punjab	In Process
2320	HEC	Wajahat Mahmood	Pharmacy	Abbottabad	Evaluation of Bovine tuberculosis zoonosis as a threat to human tTB eradication programs in Pakistan	In Process
2321	HEC	Dr. M. Faisal Nadeem	Mathematics	Lahore	Evaluation of Irregular and Magic Labelings of Graphs	In Process

2322	HEC	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	Evaluation of local clay minerals as coating agents to develop slow release fertilizers and their assessment for nutrient discharge efficiency	In Process
2323	HEC	Dr. Muhammad Saeed	Biosciences	Islamabad	Evaluation of Rb12/p130 acetylation as a diagnostic and pharmacological drug target in breast cancer	In Process
2324	HEC	BILAL AHMAD ZAFAR AMIN	Environmental Sciences	ABBOTTABAD	Exploration and characterization of lignocellulose-degrading enzymes from Himalayan forests and their industrial implications	In Process
2325	HEC	Dr. Abdul Nazir	Environmental Science	Abbottabad	Exploration of Native Flora Prevalent along Waste Water Drains and its Potential for Phytoremediation	In Process
2326	HEC	Dr Muhammad Akram	Department of Environmental	Vehari	Exploration of soil enzymes, root traits and productivity of clusterbean under drought stress	In Process
2327	HEC	Dr. Sajid Nazir	Department of Management S	Lahore	Exploring Financial Literacy among Banking Professionals: A Phenomenological Triangulation Inquiry of Islamic Banks vs Islamic Branches of Conventional Bank	In Process
2328	HEC	Dr. Mohammad Maroof Shah	Environmental Sciences	Abbottabad	Exploring the interface of biochemical and genetic potential of pesticidal compounds in plants	In Process
2329	HEC	DR. MUHAMMAD AJMAL	Biosciences	Islamabad	EXPLORING THE MOLECULAR MECHANISMS OF BARDET-BIEDL SYNDROME IN PAKISTAN	In Process
2330	HEC	Dr. Muhammad Azeem	Chemistry	Abbottabad	Exploring the Potential of Pakistani Termites Associated Microbes for Efficient Enzymes and Chemicals Production	In Process
2331	HEC	Dr. Muhammad Asad Meraj	Mathematics	Sahiwal	Exploring the Risk Factors of Malnutrition among Children Aged Five to Ten Years:A Cross-Sectional Study of District Sahiwal	In Process
2332	HEC	Dr. Zahid Muneer	Biosciences	Islamabad	Expression analysis of the genes involved in the oxidative stress and antioxidant mechanisms in the blood of Alzheimer's disease patients.	In Process
2333	HEC	Dr. Abubakr Saeed	Management Science	Islamabad	Extent of women mobility and financial constraints to access HIV treatment in KPK	In Process
2334	HEC	Dr Nawshad Muhammad	Interdisciplinary Research Cen	Lahore	Extraction and processing of human hair keratin using ionic liquid assisted probe sonication for development of GTR dental membrane	In Process
2335	HEC	Arsalan Ahmed	Interdisciplinary Research Center in Biomedical Materials	Lahore	Fabrication of Clustered Nanogel for In-depth Drug Delivery to Carcinoma	In Process
2336	HEC	Dr. Muhammad Rafi Raza	Mechanical Engineering	Sahiwal	Fabrication of Copper-Graphene nano composite through Powder Metallurgy for thermal management	In Process
2337	HEC	Huma Ajab	Environmental Sciences	Abbottabad	Fabrication of Electrochemical Sensor Based on Cost Effective and Environmental Friendly Modifiers for Metallic Evaluations	In Process
2338	HEC	Dr. Lubna Tabassam	Physics	Islamabad	Fabrication of Green nanoparticles(GNPs) based devices and their applications for the treating metabolic disorders	In Process

2339	HEC	Waqar Ahmed	Physics	Islamabad	Fabrication of Highly Efficient Surface Enhanced Raman Spectroscopy Substrates for Trace Detection of Homemade Explosives (ExploSERS)	In Process
2340	HEC	Dr. Muhammad Asif	Bioscience	Islamabad	Fabrication of metal oxide such as ZnO and CuO nanomaterial based biosensor to detect the glucose and fluoride in human teeth	In Process
2341	HEC	Dr. Muhammad Imran	Physics	Lahore	Fabrication of Nd:YAG laser Induced Periodic Surface Structures for Microfluidic Applications	In Process
2342	HEC	Dr. Muhammad Rafi Raza	Mechanical Engineering	Sahiwal	Fabrication of Porous Titanium through Powder Metallurgy for Orthopedic applications	In Process
2343	HEC	Muhammad Ibrahim Abdullah	Management Sciences	Lahore	Factors Causing Delays in Large Power Projects in Pakistan	In Process
2344	HEC	Syed Amjad Farid Hasnu	Management Sciences	Abbottabad	FAMILY BUSINESS MANAGEMENT PRACTICES IN PAKISTAN	In Process
2345	HEC	DR. SHADAN KHATTAK	ELECTRICAL ENGINEERING	ABBOTTABAD	FAST ENCODING OF MULTIVIEW AND 3D VIDEOS USING HIGH EFFICIENCY VIDEO CODING	In Process
2346	HEC	Shahab Ud-Din Khan	mathematics	attock	Feasibility studies of Pebble Bed nuclear reactor for Pakistan	In Process
2347	HEC	Dr Abdul Haque	Management Sciences/ Economics	Lahore	Financial Literacy, Financial Risk Management and Sustainable Entrepreneurship nexus; An Empirical Appraisal	In Process
2348	HEC	Dr. Muhammad Asim Yasin	Management Sciences	Vehari	Flood Cost of the farmers and adoption of Disaster Management Techniques in Flood Affected Areas of River Indus, Pakistan.	In Process
2349	HEC	Qazi Muhammad Zaigham Zia	Mathematics	Islamabad	Flow and Shape Reconstructions Based on Ensemble Methods	In Process
2350	HEC	Dr. Arif Alam	Development Studies	Abbottabad	Food Security in Mountainous Areas: Analyzing the Challenges and Opportunities	In Process
2351	HEC	Dr. Usman Shakoor	Management Science	Islamabad	Formers perception of climate change on the agriculture of Potohar region, of ricardian analysis	In Process
2352	HEC	Dr. Shujaat Ali Khan	Pharmacy	Abbottabad	Formulation, characterization and preliminary safety evaluation of Fexofenadin oral suspension for Pakistani Pharmaceutical Industry	In Process
2353	HEC	Rafaqat Hussain	Physics	Islamabad	From plant to patient: nano-cellulose based antibacterial skin graft	In Process
2354	HEC	Dr. Faheem Ahmad	Department of Biosciences	Islamabad	Functional profiling and efficacy of novel botanical compounds against vegetable pest, Spodoptera exigua. (Lepidoptera: Noctuidae)	In Process
2355	HEC	Dr. Behzad Murtaza	Department of Environmental Sciences	Vehari	Functionalization of Nano-zero Valent Iron using Bismuth Doping for Effective Remediation of Heavy metals in wastewater	In Process
2356	HEC	Dr. Mansoor Shaukat Khan	Mathematics	Islamabad	Fuzzy Set Theory for Automated Map Generalization: A theory with application in GIS	In Process

2357	HEC	Nabila Khurshid	Management Science	Islamabad	Gender dimensions AKRSP health related interventions; cross sectional evidences from GB	In Process
2358	HEC	Dr. Asfand Fahad	Computer Science	Vehari	GENERALIZATION OF STEFFENSEN INEQUALITY VIA INTERPOLATION POLYNOMIALS AND ITS APPLICATIONS	In Process
2359	HEC	Humaira Ayub	Biosciences	Abbottabad	Genetic and functional elucidation of the underlying molecular mechanisms of multifactorial eyes disorder; glaucoma	In Process
2360	HEC	Syeda Hafiza Benish Ali	Biosciences	Islamabad	Genetic and immunological studies of psoriasis	In Process
2361	HEC	Dr. Humaira Shaheen	Biosciences	Islamabad	Genome wide association mapping for flag leaves metabolites under independent heat, drought and their combination	In Process
2362	HEC	Dr. Najma Abdul Rehman	Mathematics	Sahiwal	Geometry of Almost Contact Metric Manifolds and Submanifolds	In Process
2363	HEC	Dr. Wajiha Manzoor	Management Sciences	Lahore	Globalization, Multinational Enterprises and Socioeconomic Inequalities: A Study of Pakistan with Comparison to Other South Asian Economies	In Process
2364	HEC	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Graphene Oxide as Hole Transport Material and Graphene Quantum Dots as Electron Transport Material for Efficient Perovskite Solar Cells.	In Process
2365	HEC	DR. FAIZ RABBANI	Environmental Sciences	Vehari	Green Synthesis, Characterization and Applications of Metal/Metal Oxide Nanoparticles (M/MONPs) where M = Transition metals (Co, Fe, Zn, Mn, etc)	In Process
2366	HEC	Dr.Mazhar Abbas	Physics	Islamabad	Health care problems of maternal mortality in Pakistan	In Process
2367	HEC	Dr. Sajjad Ahmad	Environmental Sciences	Vehari	Health Risk Assessment and Nanotechnology-Based Remediation of Heavy Metals Contaminated Groundwater in Multan Division, Punjab, Pakistan	In Process
2368	HEC	Qurat-ul-Ain Azim	Mathematics	Lahore	Heat Transfer and MHD Flows of Non-Newtonian Fluids Due to Metachronal Wave Beating of Cilia	In Process
2369	HEC	Sadia Arshad	Mathematics	Lahore	High order numerical schemes for time- space fractional diffusion equations	In Process
2370	HEC	Yasir Bashir	Mathematics	Wah	Highly non concurrent longest paths and cycles in some Tilings of three dimensional Euclidean space	In Process
2371	HEC	Muhammad Numan	Mathematics	Attock	H-SUPER MAGIC LABELING OF GRAPHS EMBEDDED ON THE SURFACE OF KLEIN BOTTLE AND TORUS	In Process
2372	HEC	Dr. Arshid Pervez	Environmental Sciences	Abbottabad	Identification and characterization of indigenous biofilms forming rhizobacteria from the rhizospheres of cereals, leguminous and oil seed crops	In Process
2373	HEC	Prof. Dr. Raheel Qamar	Biosciences	Islamabad	Identification and Functional Characterization of Genes causing Intellectual Disability by CRISPR/Cas9-based gene editing technology	In Process
2374	HEC	Dr. Faheem Ahmad	Department of Biosciences	Islamabad	Identification and isolation of key fungal volatiles to be developed into effective lure for monitoring of Tribolium castaneum (Herbst) Coleoptera: Tenebrionidae	In Process

2375	HEC	sabz ali khan	Bio	Abbottabad	Identification and quantification of health beneficial	In Process
2376	HEC	Sidra Rehman	Biosciences	Islamabad	Identification of Bioflavonoids as Promising Drug Candidates for Non-Small Cell Lung Cancer	In Process
2377	HEC	Syeda Hafiza Benish Ali	Biosciences	Islamabad	Identification of host genetic markers for dengue infection susceptibility in Pakistani population	In Process
2378	HEC	Dr. Malik Ahmad Kamran	Computer Science	Islamabad	Identification of Pakistani Influential Bloggers and the Factors behind their Influence.	In Process
2379	HEC	Dr. Zehra Agha	Bio	Islamabad	Identification of Shared molecular pathways in Autism and Epilepsy (AST- EP) and their functional characterization	In Process
2380	HEC	Dr. Sajid Shah	Computer Science	Abbottabad	Identifying methylated and non-methylated regions in human dna using machine learning techniques	In Process
2381	HEC	Dr. Muhammad Asad Meraj	Mathematics	Sahiwal	IDENTIFYING THE FUNDAMENTAL RISK FACTORS OF HBV THROUGH MODELING: A CASE-CONTROL STUDY OF SAHIWAL CITY	In Process
2382	HEC	Asia Nosheen	Biosciences	Islamabad	Impact of agro-climatic conditions on potential metabolites and wild gene pool of indigenous germplasm	In Process
2383	HEC	Dr Ahmad Qammar	Management Sciences	Lahore	Impact of Career Plateau, Job Stress , and Work Family Conflict on Emotional Exhaustion and Service Quality: A Case of Punjab Traffic Police Wardens	In Process
2384	HEC	Khalid Ahmad	Environmental Sciences	Abbottabad	IMPACT OF CLIMATE CHANGE ON PLANT BIODIVERSITY AND TRADITIONAL ECOLOGICAL KNOWLEDGE IN SEMI-DESERT AREA OF DISTRICT KARAK, KHYBER PAKHTUNKHWA, PAKISTAN	In Process
2385	HEC	Dr. FARHAN HAFEEZ	Environmental Sciences	Abbottabad	Impact of Early Snow Melting and Heat-Drought Climatic Changes on Resilience of Nitrogen Cycling Ecosystem Functioning in Lower Himalayas	In Process
2386	HEC	Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Impact of land use and land cover (LULC) changes on the land surface temperature (LST) trends using remote sensing data and field observations in the northern areas of Pakistan	In Process
2387	HEC	Imran Naseem	Management Sciences	Abbottabad	Impact of Terrorist Attacks on Local Business in Peshawar District	In Process
2388	HEC	Dr. Rafiq Ahmad	Environmental Sciences	Abbottabad	Impact of variation in environmental conditions on volatile plants compounds emissions and their effect on insect's olfaction	In Process
2389	HEC	Dr.Sami Ullah Khan	Mathematics	Sahiwal	Impact of various flow features on flow of non-Newtonian fluids: Analytic and numerical solutions	In Process
2390	HEC	Dr Humaira Yasmin	Biosciences	Islamabad	IMPROVEMENT OF COMMERCIAL BIO FERTILIZER "BIO FERTIR" BY RECRUITING DROUGHT STRESS MITIGATING STRAINS TO ENHANCE ITS EFFICACY IN ARID ZONE AGRICULTURE	In Process

2391	HEC	DR. ABDUL RAZZAQ AZAD	Humanities	Vehari	Improving Accent of Quran Recitation in Madrasas, using Newer Multimedia Technologies	In Process
2392	HEC	Dr. Mohammad Maroof Shah	Environmental Sciences	Abbottabad	Improving Olive Tree using Conventional and Innovative Biotechnological Approaches	In Process
2393	HEC	Dr. Muhammad Imran Malik	Management Science	Islamabad	Improving Postal Services in Pakistan	In Process
2394	HEC	Dr. Muhammad Waseem	Physics	Islamabad	Improving the efficacy of drug for the treatment of Alzheimer disease by loading on the silica coated magnetite nanoparticles	In Process
2395	HEC	Abdul Sattar	Physics	Lahore	In the quest of the enhanced electrochemical stability and conductivity in sulfide based glasses for efficient all solid state lithium ion batteries	In Process
2396	HEC	Dr. Muhammad Amjad	Environmental Sciences	Vehari	INFLUENCE OF DIFFERENT NITROGEN FERTILIZERS ON AMMONIA VOLATILIZATION LOSSES AND NITROGEN USE EFFICIENCY IN WHEAT AND QUINOA GROWN UNDER SALT-AFFECTED SOILS	In Process
2397	HEC	Dr. Arshad Mehmood Abbasi	Environmental Sciences	Abbottabad	Influence of Environmental Factors on Phytochemicals Profile and Antioxidant Activity in Onion (<i>Allium cepa</i> L.)	In Process
2398	HEC	Dr. Basit Raza	Computer Science	Islamabad	Information Security Model for e-Pakistan	In Process
2399	HEC	Usman Irshad	Environmental Sciences	Abbottabad	Innovative microbial multitrophic interaction-based approaches to rapidly adapt wheat to saline stress	In Process
2400	HEC	Dr. Zulfiqar Ahmed Bhatti	Environmental Science	Abbottabad	Integrated degradation process for chlorinated pesticides and aqueous media	In Process
2401	HEC	Dr. Asma	Mathematics	Sahiwal	Integro-differential Inequalities and their Applications in the Theory of Differential Equations	In Process
2402	HEC	Adeel Mehmood	EE	Islamabad	Intelligent control of serial link robotic manipulator with force sensing gripper	In Process
2403	HEC	Dr. Farah Alvi	Physics	lahore	Interface adsorption, Nucleation and growth of cathode products during charged discharge in lithium sulfur batteries	In Process
2404	HEC	Zuhaib Ashfaq Khan	Electrical Engineering	Attock	Internet of Things (IoT) for Real Time Big Data Monitoring in E-Health	In Process
2405	HEC	Dr. Abdul Nazir	Environmental Science	Abbottabad	Inventory and Documentation of Medicinal Plants from Northern Areas of Pakistan	In Process
2406	HEC	SALMAN AMIN MALIK	Mathematics	Islamabad	INVERSE PROBLEMS FOR NONLOCAL PARTIAL DIFFERENTIAL EQUATIONS: APPLICATIONS TO WATER POLLUTION	In Process
2407	HEC	Haji Akbar	Biosciences	Islamabad	INVESTIGATING THE PROTECTIVE ROLE OF DIETARY ANTI-OXIDANT ON TISSUE LEVELS OF POLYUNSATURATED FATTY ACIDS	In Process
2408	HEC	Dr. Anwar Ullah	Biosciences	Islamabad	Investigating the role of Moringa oleifera seeds proteins for water purification	In Process

2409	HEC	Dr. Haji Akbar	Biosciences	Islamabad	Investigating the Role of Purinergic Receptors in Dengue Virus Induced Pathogenesis	In Process
2410	HEC	Dr. Muhammad Irshad	Environmental Sciences	Abbottabad	Investigating the Status of Iodine, Iron and Zinc in Cereal Crops in Relation to Physico-chemical Properties of Soils under Field Conditions of Hazara Division	In Process
2411	HEC	Nosheen Akbar	Physics	Lahore	Investigation of Four (different flavored) quarks systems	In Process
2412	HEC	Dr. Awais Ihsan	Biosciences	Sahiwal	INVESTIGATION OF NUTRACEUTICALS FROM INDIGENOUS MEDICINAL PLANTS AGAINST ANTI-TB DRUG-INDUCED LIVER INJURY	In Process
2413	HEC	Dr. Muhammad Javid Iqbal	CS	Islamabad	Investigation on indedgionous adsorbents to reduce carcinogenic compunds in heated fried foods	In Process
2414	HEC	Hasan Riaz	Biosciences	Sahiwal	IN-VITRO GOAT EMBRYO PRODUCTION: A WAY FORWARD TO GENETIC UPGRADATION IN SHORT TIME	In Process
2415	HEC	Minhas Akbar	Management Sciences	Sahiwal	Islamic finance education: The way forward towards Islamization of banking and financial system in Pakistan	In Process
2416	HEC	Irum Shahzadi	Environmental Sciences	Abbottabad	Isolation and Characterization of Anthocyanins as Anticancer Agents from Purple Heart and Their Mechanism of action	In Process
2417	HEC	Wajiha Khan	Environmental Sciences	Abbottabad	ISOLATION OF ANTIVIRULENT ALKALOIDS FROM SELECTED MEDICINAL PLANTS AGAINST PSEUDOMONAS AERIGINOSA	In Process
2418	HEC	Dr. Muhammad Azeem	Chemistry	Abbottabad	Isolation of Natural Fumigants from Plants for the Control of Stored Grain Beetle Tribolium castaneum	In Process
2419	HEC	Dr. Syed Majid Bukhari	Chemistry	Abbottabad	Isolation of secondary metabolites from genus Sonchus in search of new enzyme inhibitors	In Process
2420	HEC	Dr. Uzma Tabassam	Physics	Islamabad	Jet Physics analysis in ALICE at LHC energies	In Process
2421	HEC	Tahir Maqsood	Computer Science	Abbottabad	Leveraging Information and Communication Technologies to Improve Community Policing	In Process
2422	HEC	Dr .Tariq Ali	Computer Science	Sahiwal	Li-Fi Based Novel Architecture of Light Intensity for China Pakistan Economic Corridor (CPEC) : Supporting Free Communication Zone	In Process
2423	HEC	Farrakh Shahzad	Department of Physics	Islamabad	Magnetic nanoparticles assisted surface enhanced Raman spectroscopy (SERS)	In Process
2424	HEC	Dr Sara Riaz	Chemistry	Lahore	Magnetic nanoparticles-decorated functionalized graphene sheets for energy storage applications	In Process
2425	HEC	Dr. Aneel Salman	Management Sciences	Islamabad	Mainstreaming corporate social responsibility through public policy in Pakistan	In Process
2426	HEC	Shafique Khalid	Environmental Sciences	Islamabad	Management strategy of Kinnow fruit skin blemishes by fruit bagging	In Process
2427	HEC	Dr. Noman Khan	Management Sciences	Attock	Marketing the Higher Education of Pakistan	In Process
2428	HEC	Adeel Ahmad	Mathematics	Islamabad	Mathematical modelling for the electro-osmotic flow of nanofluids	In Process

2429	HEC	Dr. Mohsan Hassan	Chemistry	Islamabad	Mathematical modelling of polymeric ceramic slurry stream in tape casting	In Process
2430	HEC	Dr. Malik Fahim Bashir	Management Sciences	Abbottabad	MEASURING QUALITY OF PRIMARY HEALTHCARE IN TERMS OF SERVICE PROVISION IN DISTRICT MANSEHRA OF KHYBER PAKHTUNKHWA	In Process
2431	HEC	NASEER ALI SHAH	BIOSCIENCES	ISLAMABAD	MEDICINAL PLANTS EVALUATION AGAINST THE MOST PREVALENT "GENOTYPE 3" IN PAKISTAN	In Process
2432	HEC	DR. MUHAMMAD NAEEM AWAIS	Electrical Engineering	Lahore	Memristor-Transistor based Energy and Area Efficient Non-Volatile Memory	In Process
2433	HEC	Dr. Abdur Qudair Baig	Maths	Islamabad	Metric dimension and topological properties of networks	In Process
2434	HEC	Dr. Ali Imran	Mathematics	Attock	MHD and Heat Transfer in a fluid flow through scraped surface heat exchanger	In Process
2435	HEC	Ghulam Mujtaba Kayani		Islamabad	Mini/Micro hydal projects and its impact on socio-economic sustainability; case analysis of GB	In Process
2436	HEC	Dr. Sohail Iqbal	Maths	Islamabad	Mirror symmetry and classification of log del pezzo surcaces	In Process
2437	HEC	Dr. Ch Muhammad Shahzad Faisal	Computer Science	Attock	Misleading information and rumors control in large scale heterogeneous social networks	In Process
2438	HEC	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Mitigating climate change and achieving food security through reclamation of salt affected soils with biochar	In Process
2439	HEC	Dr. Humaira yasmin	Biosciences	Islamabad	MITIGATION OF DROUGHT STRESS ON FLAX (LINUM USITATISSIMUM) BY USING INDIGINOUS RHIZOBACTERIA	In Process
2440	HEC	Dr. Nazar Muhammad Idrees	Electrical Engieering	Sahiwal	MOBILE RADIO CHANNEL MODELING AND ESTIMATION FOR 5G AND BEYOND	In Process
2441	HEC	Sadia Arshad	Mathematics	Lahore	Modeling and analysis of the effect of depression in medical illness	In Process
2442	HEC	Dr. Muhammad Zeb	Department of Mathematics	Attock	Modeling and Analysis of Unsteady Squeezing Flow of Non-Newtonian Fluids	In Process
2443	HEC	Siraj-ul-Islam Ahmad	Physics	Islamabad	MODELING AND SIMULATIONS OF NUCLEAR REACTORS THROUGH INDIGENEOUSLY DEVELOPED CODES	In Process
2444	HEC	DR. MUHAMMAD AJMAL	Biosciences	Islamabad	MOLECULAR BASIS OF OSTEOGENESIS IMPERFECTA IN PAKISTAN	In Process
2445	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Molecular Characterization and development of diagnostic Kit of bovine Hypodermosis in Pakistan	In Process
2446	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Molecular Characterization and development of diagnostic Kit of bovine Hypodermosis in Pakistan	In Process
2447	HEC	Dr. Syed Kamran Ul Hassan Naqvi	Biosciences	Islamabad	Molecular Genetics Study of Autosomal Dominant Woolly Hair/Hypotrichosis (ADWH/ADH) in Pakistani Population	In Process

2448	HEC	Zahid Hussain	Development Studies	Abbottabad	Monitoring of Heavy Metal Pollution in Roadside Soil-Plant System as Affected by the Dustfall and Associated Health Risks in Human Beings	In Process
2449	HEC	Dr. Arshan Nasir	Biosciences	Islamabad	Monitoring the Evolution of Gastrointestinal Microbiota in Travelers to Pakistan Through Culture-Independent Metagenomics and Next Generation DNA Sequencing Approaches	In Process
2450	HEC	Dr. Shahid Qaisar	Mathematics	Sahiwal	MORE RESULTS ON INTEGRAL INEQUALITIES OF TYPE HERMITE-HADAMARD, SIMPSON, OSTROWSKI VIA PRE-INVEX FUNCTIONS	In Process
2451	HEC	Dr. Misbah Arshad	Mathematics	Sahiwal	More Results on Topological Indices for Graph Operations.	In Process
2452	HEC	Sajida Batool	Biosciences	Islamabad	Multigene mutational screening by next generation sequencing for acute myeloid leukemia in Pakistani patients	In Process
2453	HEC	Qurat-ul-Ain Azim	Mathematics	Lahore	MULTILAYER FLOWS OF IMMISCIBLE NON-NEWTONIAN FLUIDS IN AXISYMMETRIC PIPE	In Process
2454	HEC	DR. KHIZAR HUSSAIN SHAH	Chemistry	Abbottabad	NANOPARTICLES SUPPORTED HYBRID ION EXCHANGE RESIN FOR WATER REMEDIATION: SYNTHESIS, CHARACTERIZATION, OPTIMIZATION AND SORPTION PROPERTIES.	In Process
2455	HEC	Dr. Abid Ali Khan	Biosciences	Islamabad	NANOSCALE SOLUTIONS TO CONFRONT SUPERBUGS	In Process
2456	HEC	BILAL AHMAD ZAFAR AMIN	ENVIRONMENTAL SCIENCES	ABBOTTABAD	Nanotechnology offers an alternative to fossil fuels: capitalization of the environmental and financial benefits of "biofuels" by using nano-engineered enzymes to improve the cellulosic ethanol processes.	In Process
2457	HEC	Dr Khalid Rauf	Pharmacy	Abbottabad	Neurobehavioral profiling for selected synthetic compounds in murine model of Tourette syndrome and Attention deficit hyperactivity disorder	In Process
2458	HEC	Dr. Madad Khan	Mathematics	Abbottabad	Non-associative Algebras with Applications in Genetics	In Process
2459	HEC	Dr. Miraj Bibi			Nonsingular equations of lenth eight over torsion free groups	In Process
2460	HEC	Dr. S. M. Jawad Riaz	Maths	Wah	Non-Singular coordinates of the kiselev space time	In Process
2461	HEC	Dr Muhammad Nasir	Interdisciplinary Research Cen	Lahore	NON-SURGICAL DEEP BRAIN STIMULATION BY USING MAGNETO-ELECTRIC NANOPARTICLES TO TREAT NEUROLOGICAL DISORDERS	In Process
2462	HEC	Muhammad Hammad Aziz	Physics	Lahore	Novel Assembling of Funtionalized Radiolabeled Nanoparticles for Cancer Nuclear Imaging and Radiotherapy	In Process
2463	HEC	Prof Asad Ullah Khan	Chemical Engineering	Lahore	Novel High Performance Anti Corrosion Polymer Coatings for Oil and Gas Pipelines	In Process

2464	HEC	Muhammad Arfat Yameen	Pharmacy	Abbottabad	Novel Photodynamic Therapy with Photosensitized Antibiotic loaded Polymeric Nanoparticles against Superbug-MRSA	In Process
2465	HEC	Dr. Muhammad Shoib	CS	Sahiwal	Numerical and Analytical solution of three dimension newtonian and non-newtonian fluids with variables section	In Process
2466	HEC	Dr. Sajjad Khan	Maths	Islamabad	Numerical investigation of gravity current over obstacles (rough surfaces)	In Process
2467	HEC	Dr. Hafiz Junaid Anjum	Maths	Islamabad	Numerical investigation of low reynolds and long wavelength approximations commonly employed in paristaltic flows	In Process
2468	HEC	Dr. Ishtiaq Ali	Mathematics	Islamabad	Numerical investigations of reaction-diffusion equations using spectral methods	In Process
2469	HEC	Dr. Muhammad Ishaq	Matheamtics	Vehari	NUMERICAL SIMULATION OF A DOUBLE PIPE HEAT EXCHANGER WITH ROUGH SURFACE: A NOVEL DESIGN	In Process
2470	HEC	Sadia Siddiqa	Mathematics	Attock	Numerical Simulations of the Two-Phase Convection Flows	In Process
2471	HEC	Dr. Javed Akram	Physics	Islamabad	Numerical study of Exciton-Polariton condensates in random disordered potentials	In Process
2472	HEC	ayesha Sohail	maths	Lahore	optimization of mechanical properties involved in nanoparticle induced hyperthermia treatment	In Process
2473	HEC	Dr. Shahzad Saleem	Department of Biosciences	Sahiwal	OZONATION: A VIABLE, ALTERNATIVE STORED PRODUCT PROTECTION (VASPP) TECHNOLOGY	In Process
2474	HEC	Dr Amna Mir	Physics	Lahore	Parametric study of schottkey diode detector for w band imaging system	In Process
2475	HEC	Dr. Muhammad Safdar	Computer Science	Sahiwal	Perceptual Color Modeling for Color Management Systems (PCM4CMS)	In Process
2476	HEC	Dr Saqlain Raza	Mathematics	Islamabad	Performance evaluation of higher education institutions in Pakistan	In Process
2477	HEC	Dr. Muhammad Idrees	Physics	Lahore	Performance Optimization of Random Access Memory (RAMs)	In Process
2478	HEC	Dr. Ghulam Abbas			Performance pay, workplace health and organizational performance: A study of leather firms	In Process
2479	HEC	DR. MUSFERAH MEHFOOZ	Humanities	Lahore	Personality Traits and Coping Strategies: Moderating role of Spirituality in Cancer Patients	In Process
2480	HEC	NASEER ALI SHAH	BIOSCIENCES	ISLAMABAD	Pharmacological evaluation of unexplored anti-diabetic herbs used by Hakims	In Process
2481	HEC	Abdul Jabbar Shah	Pharmacy	Abbottabad	Pharmacological probing natural products and relevant phytochemicals as calcium antagonist and nitric oxide mediated vasodilators; a cellular-based investigation for cardiovascular diseases	In Process
2482	HEC	Dr. Muhammad Awais	EE	Islamabad	Physical design and characterization of an area....	In Process

2483	HEC	Dr. Zahra Jabeen	Biosciences	Islamabad	Physiological and molecular and response of sunflower plant to salt toxicity: Cross talk signaling cascades among salinity, hydrogen sulphate and reactive oxygen species	In Process
2484	HEC	Dr. M. Khaliq Majeed	Chemical Engineering	Lahore	Potential materials for food packaging by using graphene reinforced chitosan/polyvinyl alcohol nanocomposites	In Process
2485	HEC	DR. HAFIZ MUHAMMAD ARSHAD	Management Sciences	Sahiwal	Poverty alleviation through skill development in Pakistan	In Process
2486	HEC	Tallha Akram	Electrical Engineering	Wah	PRECISION AGRICULTURE: IMPROVING YIELD BY REAL-TIME CROPS MONITORING AND CLASSIFICATION USING DEEP LEARNING ON HYPERSPECTRAL IMAGES	In Process
2487	HEC	Dr. M. Shahid Nazir	Chemistry	Lahore	Preparation and Characterization of Polysaccharide Coating Material on Urea for Control Release	In Process
2488	HEC	M. Qaiser Fatmi	Biosciences	Islamabad	Probing Stability of Thermophilic Protein Using Combined Molecular Docking and Molecular Dynamics Simulation: Development of Text- and Video-Based Guides for Strengthening Undergraduate and Graduate Students' Understanding	In Process
2489	HEC	Hira Siddiqui	Physics	Islamabad	Problem of Glaciers fluctuation and its effect on climate change: a numerical study	In Process
2490	HEC	Dr. Kaleem Imdad	Biosciences	Islamabad	PRODUCTION OF SOME PHARMACEUTICALLY IMPORTANT HYDROLASES FROM FUNGAL SOURCES AND THEIR ACTIVITY ENHANCEMENT AND STABILIZATION BY EFFICIENT IMMOBILIZATION METHODS	In Process
2491	HEC	NIGHAT NOUREEN	Biosciences	Islamabad	Pulling the Trigger in Blood Cancers: Learning Causality from Histone Modifications and their Functional Partners	In Process
2492	HEC	Dr. Abbas Javed	Electrical Engineering	Lahore	Real time air pollution mapping using LoRaWAN and Deep Neural Networks	In Process
2493	HEC	Dr. Mirza Tariq Hamayun	Electrical Engineering	Lahore	Real time Implementation of an Adaptive Fault Tolerant and Sensor Fault Reconstruction scheme for medium range Security Monitoring Unmanned Air Vehicle	In Process
2494	HEC	Dr. Tariq Ali	Computer Science	Sahiwal	Real Time Smart Dumpsters Monitoring and Garbage Collection System: Towards Green Environment	In Process
2495	HEC	Dr. Ahmed Saeed	Electrical Engineering	Lahore	Real-time implementation of digital beamforming for 5G communication technologies	In Process
2496	HEC	Dr. Muhammad Usman	Management Sciences	Lahore	Relationship between training and the adoption of best crop management practices by small farmers: The mediatory role of explorative and exploitative learning	In Process
2497	HEC	Prof. Asad Ullah Khan	Chemical Engineering	Lahore	REMOVAL OF HEAVY METALS FROM WATER	In Process
2498	HEC	Adnan Shoaib	Management Sciences	Wah	Retaining Faculty in Pakistan by Capturing the Valuation Issues in Faculty Compensation	In Process

2499	HEC	Dr Syed Muhammad Nurulain	Biosciences	Islamabad	REVERSIBLE ACETYLCHOLINESTERASE INHIBITORS AND PHYTO-ENDOCANNABINOID AS PREVENTIVE TREATMENT FOR ACUTE ORGANOPHOSPHORUS POISONING-RAT MODEL	In Process
2500	HEC	Dr Zertashia AKram	Biosciences	Islamabad	Risk assessment of radiation and salt-induced genotoxicity in mine workers.	In Process
2501	HEC	Dr. Muhammad Maaz Rehan	Computer Science	Wah	Road Crash Black-spot Identification and Trend Analysis	In Process
2502	HEC	Dr Nasir Masood	Environmental Sciences	Vehari	ROLE OF AGRICULTURAL RESEARCH INSTITUTIONS IN CEREAL GRAIN CROP PRODUCTION: HISTORIC BACKGROUND AND FUTURE PERSPECTIVES	In Process
2503	HEC	Dilshad Ahmad	Management Sciences	Vehari	ROLE OF COTTON CROP IN SUSTAINABLE ECONOMIC GROWTH OF COTTON AREAS IN PUNJAB: AN ANALYTICAL STUDY OF SOUTHERN PUNJAB PAKISTAN	In Process
2504	HEC	Dr. Athar Hussain	Meteorology	Islamabad	Role of Mid-Latitude Cyclones and Anti-Cyclones in Changing Climate of Pakistan	In Process
2505	HEC	Dr.Saeed Ahmad Qaisrani	Environmental Sciences	Vehari	Satellite based Irrigation performance Assessment by using METRIC water Balance model	In Process
2506	HEC	Shoaib Azmat	Electrical Engineering	Abbottabad	Scene Summarization of Surveillance Videos	In Process
2507	HEC	Dr. M. Tayyab Chaudhry	Computer Science	Lahore	SDN based Thermal-aware Scheduling for Green Data centers	In Process
2508	HEC	Shahzad Hussain	Physics	Islamabad	Search of High Performance Innovative Anode Materials for Next Generation Li-ion Batteries	In Process
2509	HEC	Neelam Akram	Biosciences	Islamabad	Seasonal sampling, isolation and characterization of Vibrio sp. from aquatic environments of Pakistan	In Process
2510	HEC	Moiz ud Din Khan	Mathematics	Islamabad	Selection Principles in Ditopological Texture Spaces	In Process
2511	HEC	Dr. Abdul Waheed Akhter	Center of Islamic Finance	Lahore	Shari'ah Governance and Risk Management in Islamic Banking: A Theoretical and Empirical Analysis	In Process
2512	HEC	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Simulating the Effect of Organic Matter Addition in Enhancing Availability of Phosphorus for Wheat-Maize Cropping System under Changing Climate of Southern Punjab (Pakistan)	In Process
2513	HEC	Tasawar Abbas	Physics	Islamabad	SIMULTANEOUS OBSERVATION OF PARTICLE WAVE BEHAVIOURS OF ENTANGLED ATOMS BY BRAGG DIFFRACTION	In Process
2514	HEC	Dr Lubna Sherin	Chemistry	Lahore	Size, shape and solubility controlled biosynthesis of silver nano-antimicrobials, process optimization using Response Surface Methodology and evaluation of antibacterial efficacy against multidrug resistant microbes	In Process

2515	HEC	Dr. Muhammad Younas	Mathematics	Lahore	Slip and Inertial Effects on Viscous Flow Through a Uniform Porous Tube with Linear and Exponential Reabsorption.	In Process
2516	HEC	Shabir Hyder	Management Sciences	Attock	Small Business Recovery: Post Flood Analysis	In Process
2517	HEC	Dr. Muhammad Naeem Shehzad	Electrical Engineering	Lahore	SMART TRAFFIC CONTROL SYSTEM	In Process
2518	HEC	Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Snow and Glaciers Investigation and Hydrological Modeling of the Hindukush- Karakoram-Western Himalaya Region (Northern Pakistan) Under Future Climate Change Scenarios using Field Observations and Satellite Remote Sensing Data – Key For Water Management	In Process
2519	HEC	Sadullah Mir	Chemistry	Abbottabad	Sodium Alginate Based Biopolymers Nanocomposite For Non Steroidal Anti inflammatory Drug Delivery Application.	In Process
2520	HEC	DR. MALIK MUHAMMAD ALI SHAHID	Computer Science	Vehari	Software quality matrix formulation, quality evaluation and quality improvement of software development in Pakistan	In Process
2521	HEC	DR. MUHAMMAD IMTIAZ RASHID	Environmental Sciences	Vehari	Soil carbon sequestration through biochar and vermicompost to mitigate climate change and overcome food security in Pakistan	In Process
2522	HEC	Dr. Murid Hussain	Chemical Engineering	LAHORE	SOLAR LIGHT DRIVEN PHOTOCATALYTIC CONVERSION OF CO2 INTO ENERGY PRODUCTS	In Process
2523	HEC	Dr. Syed Tahir Raza Rizvi	Mathematics	Lahore	Solitary wave solutions for nonlinear Schrodinger equation	In Process
2524	HEC	Dr. M. FAISAL NADEEM	Mathematics	Lahore	Spectral and Topological Invariants of Graphs	In Process
2525	HEC	Nusrullah Khan	EE	Islamabad	Standoff detection of explosive material using THz waves	In Process
2526	HEC	Khalid Ahmad	Environmental Sciences	Abbottabad	Strategies for Sustainable Harvesting of Natural Resources among Local Communities across the Western Route of China-Pakistan Economic Corridor	In Process
2527	HEC	HAFIZ FAIQ SIDDIQUE GUL BAKHAT	Environmental Sciences	Vehari	Strategies to mitigate the arsenic intake through drinking water and rice consumption in the selected Districts of South Punjab, Pakistan	In Process
2528	HEC	Dr. Muhammad Shakeel Ahmad	Centre for Policy Studies	Islamabad	STRENGTHENING ELECTORAL GOVERNANCE IN PAKISTAN (SEGP): How do electoral integrity, political accountability and public policy formulation transform Electoral Governance?	In Process
2529	HEC	Dr. Muhammad Akram	Mechanical Engineering	Sahiwal	Structural analysis , characterization of T Welded Joints by electric arc and gas welding	In Process
2530	HEC	Dr. Ghazanfar Abbas	Physics	Lahore	Structural and Electrochemical Study of Multi-fueled Nano-composite Materials for Fuel Cell Applications	In Process

2531	HEC	Abdul Rauf Siddiqi	Biosciences	Islamabad	Structural and Functional Studies of Novel Sulfonamide Derivatives: A Ligand Based Approach to Combat Infectious Diseases	In Process
2532	HEC	Dr. Muhammad Asif	Physics	Lahore	Study of MHD Equilibria with Anisotropic Pressure in fusion plasmas	In Process
2533	HEC	Dr. Yasir Ali	Physics	Islamabad	Study of of Quark-Gluon plasma using Jet Production at LHC energies.	In Process
2534	HEC	Sumaira kanwal	Biosciences	Sahiwal	Study on Association of various genes with Dravet syndrome other than SCN1A in Pakistani Population by Whole Exome analysis	In Process
2535	HEC	Dr Farman Ullah	Electrical Engineering	Attock	Suicide Attacks Avoidance and Access Control Technology Development Using Web of Things Architecture	In Process
2536	HEC	Dr. Muhammad Asif Rasheed	Biosciences	Sahiwal	Surveillance, identification and genome wide study of coronaviruses associated with pneumonia in Pakistan using next generation sequencing	In Process
2537	HEC	Dr. Muhammad Asif Gondal	Biosciences	Islamabad	Sustainable Aquaculture Through Mix Polyculture Practice	In Process
2538	HEC	Zia Ul Haq Khan	Environmental Sciences	Vehari	SYNTHESES, CHARACTERIZATIONS OF NOBLE METAL NANOPARTICLES BY GREEN METHOD AND THEIR BIOMEDICAL, CHEMO CATALYTIC AND ELECTROCHEMICAL APPLICATIONS	In Process
2539	HEC	Dr. Bushra Ismail	Chemistry	Abbottabad	Synthesis and characterization of biodegradable graphene oxide-chitosan-metal oxide composites for photocatalytic degradation of textile dyes	In Process
2540	HEC	Dr. Muhammad Ashfaq Ahmad	Physics	Islamabad	Synthesis and Characterization of core shell quantum dots for LED applications	In Process
2541	HEC	Dr. Abdur Rahim	Interdisciplinary Research Cen	Lahore	SYNTHESIS AND CHARACTERIZATION OF METAL/METAL OXIDE NANOPARTICLES CONTAINING HYBRID MATERIALS FOR HEALTHCARE SENSING APPLICATION	In Process
2542	HEC	DR. FOZIA REHMAN	IRCBM	Lahore	SYNTHESIS AND CHARACTERIZATION OF POLYSILSESQUOXANES HYBRID SILICA MATERIALS AS FILLERS IN DENTAL COMPOSITES.	In Process
2543	HEC	Dr. Noaman Ul-Haq	Chemical Engineering	Lahore	SYNTHESIS AND DEVELOPMENT OF MIXED MATRIX MEMBRANES CONTAINING FUNCTIONALIZED GRAPHENE AND GRAPHENE OXIDE FOR CO ₂ /CH ₄ SEPARATION	In Process
2544	HEC	Dr. Asma Zaidi	Chemistry	Abbottabad	Synthesis and docking studies of 2-thio-5-thiomethyl imidazoles as Urease inhibitor	In Process
2545	HEC	Dr. Farhan Ahmed Khan	Chemistry	Abbottabad	Synthesis and Optimization of Bio-degradable Plastics from Corn Gluten Meal	In Process

2546	HEC	Dr Muhammad Ashfaq Ahmad	Physics	Lahore	SYNTHESIS AND OPTIMIZATION OF QUANTUM DOT BASED NANOCOMPOSITES FOR LOW COST SOLUTION PROCESSED SOLAR CELLS	In Process
2547	HEC	Dr Aneela Maalik	Chemistry	Abbottabad	Synthesis And Pharmacological Screening Of Aromatase Inhibitors Supported By In Silico Studies: A Step Towards Possible Adjuvant Breast Cancer Therapy	In Process
2548	HEC	Dr. Nighat Fatima	Pharmacy	Abbottabad	Synthesis of metal-organic natural photosensitizer framework nanoparticles and their evaluation for cytotoxic photodynamic potential against breast cancer	In Process
2549	HEC	Rafaqat Hussain	Physics	Islamabad	Synthesis of nanosized functional electrode materials and their potential applications in modern electrochemical devices	In Process
2550	HEC	Dr. Farrukh Jamil	Biosciences	Sahiwal	Synthesis of polyhydroxyalkanoates from slaughterhouse and cheese industry waste	In Process
2551	HEC	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Synthesis, Preclinical and Molecular Studies on Novel Scaffolds Based on Bacterial Cellulose-Carbon Nanomaterials Composites for Skin Tissue Engineering	In Process
2552	HEC	Dr. Sohail Anjum Shahzad	Chemistry	Abbottabad	Synthetic Molecular Probes for Explosives, Hazardous Chemicals and Biosensing Applications	In Process
2553	HEC	Muhammad Nadeem	ENvironmental Sciences	Vehari	TACKLING MICRONUTRIENT MALNUTRITION IN SCHOOL GOING GIRLS THROUGH RICE FORTIFICATION—A NEGLECTED TOOL	In Process
2554	HEC	Dr. Tajammal Hussain	Statistics	Lahore	The Development of Sustainable Excellence Model (SUEM)	In Process
2555	HEC	Syed Muhammad Usman Shah	Biosciences	Islamabad	The Feasibility of Waste Cooking Oil as Biodiesel in Rawalpindi/Islamabad Region	In Process
2556	HEC	Dr. Rafaqet Ali	Management Sciences	Vehari	The Impact of environmental factors on Child Health in Pakistan	In Process
2557	HEC	Hafiz Mohkum Hammad	Environmental Sciences	Vehari	The role of silicon and phytohormone in alleviating crop's biotic or abiotic stresses under changing climatic conditions of Pakistan	In Process
2558	HEC	Dr. Muhammad Jamil	Physics	Lahore	THEORETICAL ANALYSIS OF MAGNONIC MODES IN QUANTUM PLASMAS	In Process
2559	HEC	Shahab Ud-Din Khan	mathematics	attock	Theoretical investigation for compressible flow dynamics and energy Displacement/Deformation for optimum energy uses and design	In Process
2560	HEC	Dr. Asghar Shabbir	Biosciences	Islamabad	Therapeutic efficacy of honey, ajwa date (Phoenix dactylifera) and black seeds (Nigella sativa) in cellular and animal models of Multiple sclerosis.	In Process
2561	HEC	Dr. FAHaD PARVAIZ	BIOSCIENCES	Islamabad	THERAPEUTIC TARGETS OF CHRONICALLY INFECTED HEPATITIS C VIRUS (HCV) PATIENTS	In Process

2562	HEC	Junaid Ali	Physics	Islamabad	Title: Development of laser assisted electrohydrodynamic and electrospinning system for Printed electronic devices	In Process
2563	HEC	Dr. Muhammad Kamran Siddiqui	Mathematics	Sahiwal	TOPOLOGICAL PROPERTIES OF MOLECULAR STRUCTURES	In Process
2564	HEC	Dr. Ghulam Mujtaba Kayani	Environmental Sciences	Islamabad	Tourism development and its impact on sustainability; case of Balakot KPK	In Process
2565	HEC	Saddam Hussain	Management Sciences	Attock	Towards the Menstrual related Stresses - Productivity Theory of Knowledge Worker: A Female Perspective	In Process
2566	HEC	DR. WAJIHA MANZOOR	Management Sciences	Lahore	Trade, Productivity, Financial Performance and Global Value Chains (GVCs): A study on Pakistan's Firms	In Process
2567	HEC	Nazia Bibi	Biosciences	Islamabad	Transcriptome analysis of lipid mediated ageing in Fission Yeast.	In Process
2568	HEC	Dr. Muhammad Ali	Chemistry	Abbottabad	Transition Metals in C-H Activation Reactions: An Efficient Route towards the Synthesis of Vital Bioorganic Molecules for Drug Discovery	In Process
2569	HEC	Dr. Yasser MSA Al kahraman	Pharmacy	Abbottabad	Trypanothione Reductase: A target based Tetrahydroquinolines Derivatives as Antileishmanial Agent	In Process
2570	HEC	Dr. Awais Ali	Physics	Islamabad	Tuning and tailoring of 2D layered materials for future opto-electronic devices	In Process
2571	HEC	DR MUJTABA HUSSAIN JAFFERY	ELECTRICAL ENGINEERING	Lahore	UPS/INVERTER ANALYZER AS PER IEEE AND IEC STANDARDS	In Process
2572	HEC	Dr. Muhammad Shoaib	CS	Sahiwal	Urdu- Arabic Machine Translation" by Dr. Muhammad Shoaib, Asst. Professor, Computer Sciences , CIIT, Sahiwal	In Process
2573	HEC	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	Use of crop residue mulches for sustainable crop production and mitigation of climate change in Lower Himalayas of Pakistan.	In Process
2574	HEC	Dr. Rafaqat Ali Khan	Chemistry	Abbottabad	USE OF QUANTUM DOTS AS AN ANODIC MATERIAL FOR DYE SENSITIZED SOLAR CELLS (DSSCs)	In Process
2575	HEC	Hafiza Fakhera Ikram	IRCBM	Lahore	USE OF RNA NANOPARTICLES FOR THE REGRESSION OF CANCER	In Process
2576	HEC	Sobia Tabassum	Interdisciplinary Research Centre in Biomedical Materials (IRCBM)	Lahore	Use of silane coupling agent to fabricate bioactive hybrid shapeable grafts for alveolar bone regeneration	In Process
2577	HEC	Muhammad Jawad Khan	Biosciences	Islamabad	Using miRNAs as a diagnostic tool in chronic kidney diseases	In Process
2578	HEC	Dr. Muhammad Jawad	Electrical Engineering	Lahore	UTILITY GRID INTERACTIVE HYBRID AC-DC MICRO GRID	In Process
2579	HEC	Asia Nosheen	Biosciences	Islamabad	UTILIZATION OF FOOD WASTE FOR PRODUCTION OF ECO-FRIENDLY BIOGAS IN PAKISTAN	In Process

2580	HEC	Dr. Hafiz Muhammad Afzal Siddiqui	Mathematics	Lahore	Vertex and edge resolvability of simple connected graphs and some topological descriptors of graphs	In Process
2581	HEC	Dr. Hamad Khalid	Interdisciplinary Research Center	Lahore	VITAMIN E LOADED REGENERATED SILK FIBERS FOR CARTILAGE REGENERATION	In Process
2582	HEC	Dr SAEED UR REHMAN	Electrical Engineering	Attock	VLSI Implementation of interleavers used in 5-G for reliable communication	In Process
2583	HEC	Dr. Muhammad Yousaf	Mathematics	Lahore	Weakly non-local limit of two population neural field model	In Process
2584	HEC	Dr. Ghulam Hussain	Management Sciences	Lahore	What make a leader unethical?	In Process
2585	HEC	Dr Khurram Abbas	Management	Sahiwal	Women Objectification in TV advertisements and Viewers behavior towards it in Punjab	In Process
2586	HEC	Dr. Asma iMRAN	Management sciences	Lahore	WORK ENGAGEMENT FROM THE PERSPECTIVE OF GENDER DISCRIMINATION AND FUTURE TIME: AN EVIDENCE FROM THE SERVICE SECTOR	In Process
2587	HEC	DR. BILAL TARIQ	Management Sciences	Vehari	Young consumers' intention towards buying green products: Extending the theory of planned behavior	In Process
2588	HEC	Dr. Muhammad Farooq	Earth Science	Abbottabad	Evaluation of rainfall induced active earth flows along karakoram highway(Abbottabad-Mansehra Section): An Integrated Geophysical and Engineering Geology Approaches	In Process
2589	HEC	Dr. Sadia Deep	Humanities	Vehari	Study on the impact of e learning embedded problem based learning approach in english language and computer science classes of COMSATS University Islamabad Vehari Campus	In Process
2590	HEC	Dr. Farooq Khurram Shahzad	Chemistry	Islamabad	Synthesis characterization and third order nonlinear optical properties of porphyrin-polyoxometalate hybrids	In Process
2591	HEC	Dr.Humaira Ayub	Biosciences	Abbottabad	Genetic and functional elucidation of the underlying molecular mechanisms of multifactorial eye disorder glaucoma in KP population	In Process
2592	HEC	Dr. Fazli Wahid	Biosciences	Abbottabad	Pilot scale production of bacterial cellulose through indigenized technology for potential application in cosmetics biomedical and pharmaceutical industries	In Process
2593	HEC	Dr. Sabaz Ali Khan	Biosciences	Abbottabad	Biochemical and macular characterization of various apple varietie in KPK for evaluating their health beneficial flavonoid micronutrients and their responsible genes	In Process
2594	HEC	Dr. Muhammad Awais	Biosciences	Sahiwal	Development of cost effective and efficient water purification system using water hyacinth nano-composites	In Process
2595	HEC	Dr. Muhammad Shakeel Ahmad	CCRD	Islamabad	Electroal and legislative history of KPK (1937-2018)	In Process
2596	HEC	Dr. Muhammad Ikram	Pharmacy	Abbottabad	Designing and development of an all one three dimensional platform for cultivation of multicellular hepatoma tumoroids to evaluate chemoresistance	In Process

2597	HEC	Prof. Dr. Taous Khan	Pharmacy	Abbottabad	Isolation and characterization of anti-breast cancer secondary metabolites from <i>ostostegia limbata</i>	In Process
2598	HEC	Dr. Asim Laeeq Khan	Chemical Engineering	Lahore	Grant of maintenance of scientific equipment	In Process
2599	HEC	Dr. Sohail Asghar	Computer Science	Islamabad	IoT cloud analytics lab	In Process
2600	HEC	Dr. Mustansara Yaqub	IRCBM	Lahore	Fabrication of biomimetic nanoassembly for highly sensitive & cost effective detection of methyl parathion: an organophosphate pesticide	In Process
2601	HEC	Dr. Haroon Ahmad	Biosciences	Islamabad	Bilateral Pak-Turk collaboration for improvement of sustainable technology to reduce economic losses by important foodborne helminthiasis (<i>taenia saginata</i>) in Pakistan and Turkey	In Process
2602	HEC	Dr. Ishfaq Ahmad	CCRD	Islamabad	Technology transfer for enhancing the climate resilience by integrating climate crop and economic modeling techniques for wheat productivity in Pak-Turk farming communities	In Process
2603	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Removal of arsenic and pathogenic microbes from drinking water via underwater discharge plasma	In Process
2604	HEC	Dr. Akhtar Iqbal	Env. Sciences	Abbottabad	Developments of slow release fertilizers (SRFs) from biogas digestates by using clay minerals and biopolymers and assessment of their nutrient discharge efficiency	In Process
2605	HEC	Dr. Rizwan Raza	Physics	Lahore	Nanocomposites for electrochemical energy conversion device for sustainable development (need)	In Process
2606	HEC	Dr. Romana Khan	Env-Sciences	Abbottabad	CO2 capture and storage modified hollow zeolite	In Process
2607	HEC	Dr. Hafiza Fakhera Ikram	IRCBM	Lahore	Cartilage protection by inhibition of WNT signalling using 3d hydrogel	In Process
2608	HEC	Dr. Farast Iqbal	IRCBM	Lahore	Development of mechanically superior ultra fine grained biodegradable zinc based alloys for orthopedic and cardiovascular applications	In Process
2609	HEC	Dr. Mansoor Ahmad	Management Sciences	Islamabad	The fourth industrial revolution: business strategies and the role of higher education	In Process
2610	HEC	Prof. Dr. Sohail Asghar	Computer Science	Islamabad	IoT-cloud analytics using machine learning for the impact of climate change on agriculture in Pakistan	In Process
2611	HEC	Dr. Irum Shahzadi	Biotechnology	Abbottabad	Anthocyanins the untapped and unexplored potential anticancer compounds and their mechanism of action from Purple Heart and Purple Mint	In Process
2612	HEC	Muhammad Bilal	Environmental Sciences	Abbottabad	Sustainable Industrial production of Biomass based Graphene Super Adsorbents and Metallic Nanohybrids Coated Natural Zeolite for Wastewater Purification	In Process
2613	HEC	Dr. Muhammad Azeem	Chemistry	Abbottabad	Development of indigenous plants-based fungicide for the ecological control of <i>Aspergillus flavus</i>	In Process
2614	HEC	Dr Sultan Hussain	Mathematics	Abbottabad	Discrete Time Hedging of American Style Options under Skew Brownian Motion	In Process

2615	HEC	Dr Shujaat Ali Khan	Pharmacy	Abbottabad	Fexofenadine and Paracetamol Suspension Formulation, Characterization and Preliminary Safety Evaluation for Pharma Industries Manufacturing in Pakistan	In Process
2616	HEC	Sabaz Ali Khan	Biotechnology	Abbottabad	Identification and Characterization of Apple Diseases and Their Control Through Different Approaches	In Process
2617	HEC	Dr Amjad Hassan	Biotechnology	Abbottabad	Identification and characterization of useful indigenous biofilm forming rhizobacteria inhabiting rhizospheres of cereal, leguminous and oil seed crops	In Process
2618	HEC	Nighat Fatima	Pharmacy	Abbottabad	Invitro evaluation and characterization of urea and thiourea derivatives against biofilm forming multidrug resistant bacteria	In Process
2619	HEC	Dr. Anwar Zeb	Mathematics	Abbottabad	Mathematical Models to Control Infectious Diseases and Smoking	In Process
2620	HEC	Dr. Malik Tahir Hayat	Environmental Sciences	Abbottabad	Novel Multitrophic Interaction-based Approaches to Rapidly Adapt Plants to Problematic and Poorly managed Soils	In Process
2621	HEC	Dr. Muhammad Ikram	Pharmacy	Abbottabad	Regulatory role of bioactive natural compounds Caffeic acid, Ferulic acid, and Sinapic acid during thymus regeneration following acute thymic involution	In Process
2622	HEC	Rashid Nazir	Environmental Sciences	Abbottabad	Antibiotics impact on the bioenergy processes and the fate of associated antimicrobial resistance in environment	In Process
2623	HEC	Dr. Taous Khan	Pharmacy	Abbottabad	Anti-breast cancer activities of secondary metabolites isolated from Otostegia species found in Pakistan	In Process
2624	HEC	Dr. Javed Iqbal Tanoli	Earth Sciences	Abbottabad	Debris Flow Hazard Assessment in NW Pakistan: Application of GIS and Geomorphological Techniques	In Process
2625	HEC	Dr. Syed Mobasher Ali Abid	Pharmacy	Abbottabad	Design and Synthesis of Monoamine Oxidase Inhibitors, Computational Molecular Docking Studies and Their Biological Investigation.	In Process
2626	HEC	Dr. Romana Khan	Environmental Sciences	Abbottabad	Development of New Adsorbents for CO2 Capture and Storage	In Process
2627	HEC	Dr. Raheem Gul	Mathematics	Abbottabad	Early Detection of Carotid Stenosis Using Sensitivity Analysis and Parameter Estimation	In Process
2628	HEC	Ayesha Baig	Department of Biotechnology	Abbottabad	Functional Analysis of Selected Tomato WRKY Transcription Factors against Biotic and Abiotic Stress	In Process
2629	HEC	Dr. Saima Anis	Mathematics	Abbottabad	Generalized Fuzzy Sets with Complexities and their Applications in Decision Making Problems	In Process
2630	HEC	Dr. Mohammad Maroof Shah	Biotechnology	Abbottabad	Genetic Improvement in Cut Flowers Through Induced Somaclonal Variations	In Process
2631	HEC	Dr. Zia Uddin	Pharmacy	Abbottabad	Investigation of Hypoglycemic Potential and Characterization of Bioactive Metabolites of Andrachne cordifolia and Cedrela serrata from Northern areas of Pakistan	In Process
2632	HEC	Dr. Nabi Shah	Pharmacy	Abbottabad	Pharmacogenetic Evaluation of Novel Inhibitors in the Reduction of Blood Pressure through Suppression of RhoGEFs Expression	In Process

2633	HEC	Dr. Tariq Ismail	Pharmacy	Abbottabad	Pharmacological investigation and biochemical evaluation of Brugmansia aurea for neurodegenerative disorder	In Process
2634	HEC	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	Synthesis and Evaluation of New Generation Slow Release Bio-fertilizer from Biogas Digestate by using Bio-polymers and Clay Minerals.	In Process
2635	HEC	Nabi Shah	Pharmacy	Abbottabad	To Explore the Pharmacogenetic Predictors of Blood Pressure Response to Antihypertensive Medications	In Process
2636	HEC	Dr. Aamir Ali	Mathematics	Attock	Analysis of Hybrid Nanofluid for Different Flow Configurations	In Process
2637	HEC	Dr.Asif Waheed	Mathematics	Attock	On Numerical Solution of Fractional Obstacle Boundary Value Problems	In Process
2638	HEC	Dr. Zuhaib Ashfaq Khan	Electrical and Computer Engin	Attock	A Sustainable Renewable Energy Harvester for Future Connected Electric Vehicles (EVs) in Intelligent Transport System (ITS)	In Process
2639	HEC	Dr. Ali Imran	Mathematics	Attock	Analysis of Electro Osmotic Rheological Nano Fluid in Scraped Surface Heat Exchanger	In Process
2640	HEC	Dr. Muhammad Sulaiman	mathematics	Attock	Analysis of Non-Newtonian Fluid for Different Stretching Surfaces with Variable Thickness.	In Process
2641	HEC	Dr. M. Awais	Mathematics	Attock	Artificial Intelligence Predictions (AIP) with Scientific Breakdown for Generalized Physiological Flows Involving Nanoparticles	In Process
2642	HEC	Dr. Noman Khan	Management Sciences	Attock	Assessing and Redressing of Forced Child Labor in Khyber Pukhtunkhwa	In Process
2643	HEC	Dr. Faisal Shahzad	Management sciences	Attock	Economic Policy Uncertainty and Corporate Cash Holdings. The Role of Information Asymmetry	In Process
2644	HEC	Dr. Muhammad Zeb	Mathematics	Attock	Heat Transfer and Flow Analysis of Non-Newtonian Fluids having Temperature Dependent Variable Viscosity in Helical Screw Rheometer	In Process
2645	HEC	Dr Saeed Ehsan Awan	Electrical and Computer Engin	Attock	Intelligent Computing Paradigm for the Dynamics of Hybrid Nanomaterials	In Process
2646	HEC	Dr. Muhammad Saleem Khan	Computer Science	Attock	IoT-based Forest Monitoring System using Acoustic Properties of Tree- cutting in Pakistan	In Process
2647	HEC	Faisal Nawaz, PhD	Management Sciences	Attock	Revitalizing the Education System: Adding value to learning and education in Pakistan.	In Process
2648	HEC	Dr. Shahid Hussain	Mathematics	Attock	Some new robust control charts for process monitoring in SPC	In Process
2649	HEC	Dr. Sohail Ahmad	Mathematics	Attock	Title of Project:Bio Inspired Analysis of Covid-19 Molecular Model: Artificial Intelligence Predictions (AIP)	In Process
2650	HEC	Takasar Hussain	Mathematics	Attock	To retrench the dissemination of COVID-19 disease in Pakistan using mathematical model	In Process
2651	HEC	Dr. Muhammad Tahir	Computer Science	Attock	IoT Integrated Cloud Computing Platform for Multidisciplinary Scientific Applications and Research	In Process

2652	HEC	Dr. M. Shakil Ahmad	Department of Management Sciences	Attock	Talent management and Employee turnover intentions: Mediation of Organizational justice, Succession planning and Employee engagement	In Process
2653	HEC	Dr. Muhammad ozair	Mathematics	Attock	Modelling the trend of pandemic in Pakistan and neighboring countries	In Process
2654	HEC	Dr. Muhammad UMER	Biosciences	Islamabad	A Critical Investigation into bioethanol production potential of Giant Reed influenced by different Biochemical characteristics.	In Process
2655	HEC	Prof.Dr.Shahid A.Khan	ECE	Islamabad	Design of Hardware-in-Loop simulator for MMC	In Process
2656	HEC	Dr. Riaz Hussain	Electrical and Computer Engin	Islamabad	Development of Efficient Cognitive D2D Communication (cD2D) for 5G Communication Systems and Beyond	In Process
2657	HEC	Dr. Saadia Naseem	Biosciences	Islamabad	Development of Systematic Database cum Standard Operating Procedure for Detection of Food Borne Pathogens: The Way Forward to Bridge the Gap in Food Biosecurity	In Process
2658	HEC	Dr. Fazal Ghafoor	Physics	Islamabad	Enhancement of Solar Cell Efficiency using the Tools of Lasers and Quantum Optics	In Process
2659	HEC	Jaweria Ambreen	CHEMISTRY	Islamabad	Fabrication of defect-controlled hetero-structured metal oxide nanohybrid materials by up-conversion enhanced photocatalysis	In Process
2660	HEC	Sohail Iqbal	Mathematics	Islamabad	Image Analysis via Topological Data Analysis	In Process
2661	HEC	Dr. Tahir Mumtaz Awan	Management Sciences	Islamabad	Impact of CPEC on poverty alleviation & green development of Pakistan	In Process
2662	HEC	Dr. Uzair Iqbal	Computer Science	Islamabad	Magnified Narrow Band Imaging (NBI) of Gastric Mucosal Morphology for the Endoscopic Diagnosis of Helicobacter Pylori (H. Pylori) Infection using Artificial Intelligence (AI)	In Process
2663	HEC	Dr. Farha Masood	Biosciences	Islamabad	Multifunctional Nanocomposite Hydrogels for Wound Management	In Process
2664	HEC	Dr. Zahid Muneer	Biosciences	Islamabad	Peripheral Inflammation in Depression.	In Process
2665	HEC	Dr. Safia Zahid	Chemistry	Islamabad	Removal of textile dyes from waste water by suporsorbent membrane embedded with reinforced material	In Process
2666	HEC	Zahra Jabeen	Biosciences	Islamabad	Selection of candidate soybean varieties through adaptability and stability analysis of soybean elite lines for maturity attributes, grain yield and seed quality	In Process
2667	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Study on Pathogen Molecular Genetic Characterization and Genotype Distribution, and Epidemic Regularity of Echinococcosis	In Process
2668	HEC	Dr. Najeeb ur Rehman	Physics	Islamabad	Title of Project:Non-Thermal Plasma as Novel Source for Conservation of Clean Water	In Process
2669	HEC		Electrical and Computer Engin	Islamabad	UAV based Oli Field Pipeline Monitoring and Spill Detection with Machine Learning Techniques	In Process

2670	HEC	Dr. M. Qaiser Fatmi	Biosciences	Islamabad	A Multi-Target Drug Discovery Approach to Treat COVID-19	In Process
2671	HEC	Dr. Basit Raza	Computer Science	Islamabad	AI-based Non-invasive Atrial Fibrillation Detection	In Process
2672	HEC	Dr. Khuram Shahzad	Biosciences	Islamabad	Bioinformatics analysis of the transcriptome and metabolome profiling datasets of uterine tissues of mothers giving birth to preterm babies in Pakistan	In Process
2673	HEC	Dr. Kalsoom Sumra	Centre for Policy Studies	Islamabad	Building Research Capacity and Administrative Data Collection on Violence against Women (VAM) and Child (VAC), in Line with UNGA SDG	In Process
2674	HEC	Dr. Sidra Rehman	Biosciences	Islamabad	Comparative Therapeutic Efficacy of Phytochemicals and Their Encapsulated Biopolymeric Nanoparticles against SARS-CoV-19	In Process
2675	HEC	Dr. Muhammad Jawad Khan	Biosciences	Islamabad	Delving into the role of non-coding RNAs and their putative target genes in metabolic syndrome	In Process
2676	HEC	Dr Ahsan Illahi	Physics	Islamabad	Design and development of a real time data acquisition and calibration system	In Process
2677	HEC	Dr. Muhammad Fahad Bhopal	Physics	Islamabad	Design and Fabrication of Efficient and Stable Perovskite Nanowires based Photo-voltaic devices	In Process
2678	HEC	Ali Arshad	Electrical and Computer Engin	Islamabad	Development of a digital twin for an electric vehicle battery	In Process
2679	HEC	Dr. AMIR RASHID CH	ELECTRICAL And COMPUT	Islamabad	DIALYSIS MACHINE	In Process
2680	HEC	Dr. Shahzad Hussain	Physics	Islamabad	Enhancing Energy Efficiency and Energy Storage Capabilities Using Two-Dimensional (2D) Materials	In Process
2681	HEC	Rafaqat Hussain	Chemistry	Islamabad	Exploration of Metal Selenide Based Nanomaterials for High Performance Supercapacitor Applications	In Process
2682	HEC	Sumaira Farrakh	Biosciences	Islamabad	Exploring the Fungicidal Potentials of Different Nano-systems against Puccinia striiformis tritici	In Process
2683	HEC	Dr. Ziauddin	Physics	Islamabad	Investigation of Parity-time symmetry in Quantum well and Quantum dots	In Process
2684	HEC	Dr Rabia Naz	Biosciences	Islamabad	Microbial formulations-mediated biofortification and stress resilience in maize	In Process
2685	HEC	Dr. Muhammad Saeed	Biosciences	Islamabad	Molecular and therapeutic characterization of TET1 and IDH mutations promoting stem cell formation in acute myeloid leukemia	In Process
2686	HEC	Sadia Manzoor	Physics	Islamabad	Multifunctional Smart Materials for Energy Efficient Electronic Devices	In Process
2687	HEC	Dr. Shumaila Javeed	Mathematics	Islamabad	Novel Fractional Models with Applications in Epidemiology and Financial Mathematics	In Process
2688	HEC	Saima Nawaz	Economics	Islamabad	Tenurial contracts, women participation and reforestation in KP, Pakistan	In Process
2689	HEC	Dr. Rahmat Ullah	Physics	Islamabad	The Generation and Detection of Orbital Angular Momentum of Light and its Applications in Modern Technologies	In Process
2690	HEC	Dr. Saira Arif	Chemistry	Islamabad	Use of Visible light adsorbents for elimination of heavy metal contaminants from liquid effluents	In Process

2691	HEC	Dr. Asghar Shabbir	Biosciences	Islamabad	Promotion of Endogenous Repair by Induction of Oligodendrocyte Precursor Cells (OPCs) Proliferation in Animal Model of Multiple Sclerosis Using Two Natural Products.	In Process
2692	HEC	Dr. Muhammad Zaka Ur Rehman	Physics	Islamabad	Modeling and realization of a novel High Quality-factor integrated Graphene and RF MEMS based tunable filter	In Process
2693	HEC	Dr. Toqeer Ahmed	CCRD	Islamabad	Optimization of Sanitary Utensils for Water Conservation and Recycling and Reuse of Wastewater	In Process
2694	HEC	Dr M Mohsin Riaz	CAST	Islamabad	Reforming Agriculture Through Artificial Intelligence-based Seed Classification	In Process
2695	HEC	Muhammad Sajjad	Biosciences	Islamabad	Developing two-row malting barley varieties for brewery industry in Pakistan	In Process
2696	HEC	Mushataq Ahmad	Physics	Islamabad	Fabrication of electronic and sensor Devices	In Process
2697	HEC	Dr. Ramla Shahid	Biosciences	Islamabad	RNA Based vaccine Development as a Transformative Technology to treat osteoporosis	In Process
2698	HEC	Dr, Muhammad Nawaz	Humanities	Islamabad	Devising strategies to overcome miscommunication in spoken english due to Mother Tong Influence on Tanoli Hindko speakers	In Process
2699	HEC	Dr. Azeem Mehmood Butt	Biosciences	Islamabad	identification and Functional analysis of circular RNAs in Benign and malignant Breast Tumors	In Process
2700	HEC	Dr. Madiha Qayyum	Mathematics	Lahore	A New Artificial Intelligence based Medical Diagnosis and Treatment Selection Method with Neutrosophic Sets	In Process
2701	HEC	Dr. Ghulam Hussain	Management Sciences	Lahore	Development of Supply Chain Risk Management Framework for Sustainable Supply Chains and Logistics across CPEC	In Process
2702	HEC	Ali Iftikhar Choudhary	Management Sciences	Lahore	Digitalization and workplace innovation in Pakistani entrepreneurial ventures	In Process
2703	HEC	Sobia Tabassum	Interdisciplinary Research Center	Lahore	Dual-Functionalized Apatite Filled Antibacterial Moldable Biomaterials for Hard Tissue Regeneration and Easier Surgical Use	In Process
2704	HEC	Dr. Sarfraz Ahmad	Mathematics	Lahore	Extremal graphs with respect to degree-based topological indices	In Process
2705	HEC	Dr. Waseem Hassan	Pharmacy	Lahore	Investigation of GLUT receptors in tumor microenvironment and cancer therapeutics	In Process
2706	HEC	Dr. Kashif Nazar	Mathematics	Lahore	Modeling the Thermoelastic Interactions with Varying Heat Source	In Process
2707	HEC	Dr. Sadia Arshad	Mathematics	Lahore	Modelling and Forecasting the Determinants of Environmental Degradation in Pakistan	In Process
2708	HEC	Dr. Zulfiqar Habib	Computer Science	Lahore	NRPU: eHealthCare for Everyone using Advanced Information Technology	In Process
2709	HEC	Dr. M. Shahid Nazir	Chemistry	Lahore	Synthesis and Characterization of Sustainable, Renewable and Biodegradable food Packaging Material to Reduce Plastic Burden on the Environment	In Process

2710	HEC	Dr Wajiha Manzoor	Economics	Lahore	An Inclusive study on Pakistan's Firms integration to Global value chains (GVCs) by incorporating firms productivity, financial performance, trade and globalization	In Process
2711	HEC	Dr. Sobia Baig	Energy Research Centre	Lahore	An Industrial Internet of Things based Energy Efficiency Monitoring and Management System	In Process
2712	HEC	Dr. Abid Mehmood Yousaf	Pharmacy	Lahore	Atovaquone loaded nanobeads for enhanced biopharmaceutical performance in the treatment of several protozoal infections.	In Process
2713	HEC	Dr. Muhammad Ihtisham Umar	Pharmacy	Lahore	Bioactivity-guided isolation of potential anticancer constituents from the indigenous herbs of North Pakistan	In Process
2714	HEC	Dr. Saif Ur Rehman	Physics	Lahore	Construction and Analysis of Dye-Sensitized Solar Cells (DSSC's) for Efficient Photo-energy Conversion	In Process
2715	HEC	Dr Muhammad Nasir	IRCBM	Lahore	Design and Fabrication of Nanomaterials for Rapid, Early and Cost-Effective Detection of Tuberculosis	In Process
2716	HEC	Dr. M. Faisal Nadeem	Mathematics	Lahore	Determining the Topological Aspects of Chemical Structures with the help of Underlying Networks	In Process
2717	HEC	Dr Amna Mir	Physics	Lahore	Development of novel materials for 3D printing technology	In Process
2718	HEC	Dr. Muhammad Ijaz	Pharmacy	Lahore	Development of Pre-activated polymers based Mucoadhesive Nanoparticles for the Delivery of Antibiotics to the Resistant Bacterial Infections	In Process
2719	HEC	Dr. Allah Bux Sargano	Computer Science	Lahore	Edge Enhanced Video Analytics for Secure and Safe Cities	In Process
2720	HEC	dr.tariq javed zia	mathematics	Lahore	Electronic Voting	In Process
2721	HEC	Dr. Kashif Ali	Mathematics	Lahore	Extremal and Computational Invariants of Different Families of Graphs	In Process
2722	HEC	Jehangir Arshad	Electrical and Computer Engin	Lahore	Intelligent Framework for the Early Prediction of Premature Births	In Process
2723	HEC	Dr. Sadia Arshad	Mathematics	Lahore	Mathematical Modeling and Analysis of COVID-19 Outbreak	In Process
2724	HEC	Muhammad Ibrahim Abdullah	Management Sciences	Lahore	Mitigating the Psychological and Mental Impact of COVID-19 on Healthcare Workers Job Performance	In Process
2725	HEC	Sara Riaz	Department of Chemistry	Lahore	Nanomaterials based Energy Harvesting from Rain Drops	In Process
2726	HEC	Dr.MUHAMMAD KAMRAN SIDDIQUI	Mathematics	Lahore	ON PHYSICAL ANALYSIS OF MOLECULAR DESCRIPTORS FOR CHEMICAL GRAPHS	In Process
2727	HEC	Dr. Rabia Saleem	Mathematics	Lahore	Study of Some Early and Late-time Cosmic Phenomenon in Modified Theories of Gravity	In Process
2728	HEC	Dr. M. Shahzad Khurram	Chemical Engineering	Lahore	Thermo catalytic conversion of waste plastic and waste biomass into biofuel via copyrolysis	In Process
2729	HEC	Dr. Imran Ahmed	Mathematics	Lahore	Algebraic and Topological Properties of Fuzzy Graphs	In Process
2730	HEC	Dr Khaliq Majeed	Chemical Engineering	Lahore	Development of mechanically stronger and thermally stable nanocomposites for potential application as car dashboard	In Process

2731	HEC	Dr. Musferah Mehfooz	Humanities	Lahore	Philosophy of Permissible and Prohibited in Islamic Dietary Model: Assessing the Modern Scientific Approach	In Process
2732	HEC	Wajih ur Rehman	Chemical Engineering	Lahore	Smog Reduction and Mitigation	In Process
2733	HEC	Dr. Hani Shaker	Mathematics	Lahore	On Group Labelings of Certain Families of Graphs	In Process
2734	HEC	Dr. Tahir Raza Razvi	Mathematics	Lahore	The study of solution propagation for various dynamical Models	In Process
2735	HEC	Dr. Muhammad afzal siddiqui	Mathematics	Lahore	On locating parameters and their applications	In Process
2736	HEC	Dr. Adeel Farooq	Mathematics	Lahore	coveter generation of the subgroups of the bimonster group	In Process
2737	HEC	Dr.Hamad Khalid	IRCBM	Lahore	Sustainable production biodegradable and biocompatible plastic using indigenous raw material	In Process
2738	HEC	DR Syed Aftab Naqvi	Electrical and Computer Engin	Sahiwal	Detection of Aflatoxin-M1 in mammal's milk by microstrip patch antenna-based biosensor	In Process
2739	HEC	Dr. Qamar Uz Zaman	Department of Management S	Sahiwal	Impact of COVID-19 on Education System: A study of Pakistan	In Process
2740	HEC	Dr Manzoor Ahmad Zahid	Mathematics	Sahiwal	Investigation of Hardness of Super-hard Crystals by Topological Descriptors and its Applications	In Process
2741	HEC	Dr. Salman Zulfiqar	Management Sciences	Sahiwal	Learning Enhancement in Business Education through Simulation Games and Technology Adoption	In Process
2742	HEC	Awais Ihsan	Biosciences	Sahiwal	“Mitigation of Anti-Tuberculosis Drug-Induced Liver Disease using Indigenous Nutraceuticals”	In Process
2743	HEC	Dr. Najma Abdul Rehman	Mathematics	Sahiwal	Differential Equations on Manifolds and Applications	In Process
2744	HEC	Dr. Khalid Mahmood	Department of Computer Science	Sahiwal	Secure Blockchain-based eHealth Records storage and sharing system	In Process
2745	HEC	Dr. Sabir Ali Shehzad	Mathematics	Sahiwal	Energy Transportation Analysis of Non-Newtonian Nanomaterials over Different Flow Geometries	In Process
2746	HEC	Drr. Aasim Mehmood	Biosciences	Sahiwal	Phenotypic and genotypic association of pakistan olive genotypes	In Process
2747	HEC	Dr, Arslan Ahmad	Mechanical Engineering	Sahiwal	Development of micro texturing machine for enhancing the efficiency of automotive components	In Process
2748	HEC	Dr,Muhammad Rafi Raza	Mechanical Engineering	Sahiwal	Development of intumescent fire retardant coating using locally available fillers	In Process
2749	HEC	Dr.Nasir Masood	Department Of environmental	Vehari	Application of Bio-pesticides to protect kitchen gardening (Vegetables) from Insects/Pests	In Process
2750	HEC	Mazhar Ali	Environmental Sciences	Vehari	Enhancing phosphorus use efficiency in wheat: Implications for sustainable crop production	In Process
2751	HEC	Hafiz Mohkum Hammad	Environmental Sciences	Vehari	Optimizing water and nitrogen use efficiencies for wheat-maize cropping systems in Southern Punjab	In Process
2752	HEC	Dr. Muhammad Asif Naeem	Environmental Sciences	Vehari	Production of Biochar based Phosphorus fertilizer at pilot scale for improving Soil Phosphorus and Sustainable Maize Production	In Process

2753	HEC	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	3-Stage Treatment Model as a Novel Bioremediation Approach for Safer Use of Wastewater and Metal Contaminated Soils	In Process
2754	HEC	Dr. Sajid Haider	Management Sciences	Vehari	Barriers to Implementation of Covid-19 Prevention Guidelines in Pakistani Schools: A Survey in Multan and Vehari Districts	In Process
2755	HEC	Dr. Qasim Umer	Computer Sciences	Vehari	Deep Learning-Based Demand Prediction of Optimum Nitrogen for Crops: An Advisory Service for Farmers Using Digital Images	In Process
2756	HEC	Dr. Amjad Farooq	Department of Environmental	Vehari	Evaluation and Development of Cut Flowers Supply Chain in Pakistan	In Process
2757	HEC	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Irrigation management under changing climate through Mobile App WATCALCU	In Process
2758	HEC	Dr. Muhammad Waseem	Mathematics	Vehari	Mathematical Modeling and Optimal Control of COVID-19 Pandemic in Pakistan	In Process
2759	HEC	Dr. Ahmad Saeed Khattak	Computer Science	Vehari	Realtime Off-Road Autonomous Rover Navigation Vehicle for Reconnaissance	In Process
2760	HEC	Dr Malik Muhammad Ali Shahid	Computer Science	Vehari	Smog detection and prevention using IoT and machine learning	In Process
2761	HEC	Dr. Behzad Murtaza	Department of Environmental	Vehari	Utilization of KFeO ₂ Nanocomposites of Municipal Solid Waste to Remediate Salt Affected Soils and improve yield under Rice-Wheat Cropping Systems	In Process
2762	HEC	Dr. Muhammad Shoaib Naseem	Mechanical Engineering	Wah	Alternate green fuel combustion	In Process
2763	HEC	Dr. Muhammad Sharif	Computer Science	Wah	D2: Deep Learning based Recognition of Fruits Leaf Diseases	In Process
2764	HEC	Dr Muhammad Altaf	Electrical and Computer Engin	Wah	user Controlled Hearing Aid Technology (μ CHAT)	In Process
2765	HEC	Syed Rameez Naqvi	Electrical and Computer Engin	Wah	A Massively Parallel Processing Framework for Stereo based Digital Surface Model Generation	In Process
2766	HEC	Dr Barkat Ullah	Mechanical Engineering	Wah	Assessment of drilled-hole quality in dry and cryogenic machining for productivity improvement	In Process
2767	HEC	Hafiz Obaid Ullah Mehmood	Mathematics	Wah	Blood Flow Through Diseased Arteries-A Mathematical Approach	In Process
2768	HEC	Tahir Mehmood	Civil Engineering Department	Wah	Experimental and analytical seismic assessment of RC shear walls	In Process
2769	HEC	Dr. Hafiz Muhammad Omer Chughtai	Electrical and Computer Engin	Wah	Masky Recognition: A Techno-economic Solution for IoT-based Unabridged Security System in COVID-19 Pandemic	In Process
2770	HEC	Dr. Muhammad Yar Khan	Management Sciences	Wah	Measuring the Compliance Level of Sustainable Development Goals, its Determinants, and the Impact on Pakistani Economy	In Process
2771	HEC	Dr. Rana Faisal Tufail	Civil Engineering	Wah	Strengthening of columns using Textilereinforced mortar (TRM) sheets	In Process
2772	HEC	Dr. Wilayat Khan	Electrical and Computer Engineering	Wah	Design and development of a formal framework for building reliable digital components	In Process

2773	HEC	Dr. Anam Javeed	Management Sciences	Wah	Factors Effecting Youth Empowerment and Entrepreneurial Initiatives: An Analysis and Way Forward	In Process
2774	HEC	Dr. muhammad Sohail Khan	Management Sciences	Wah	Service learning in higher education institutionsm. An investigationinto itss viability and impact.	In Process
2775	HEC	Dr. Muhammad Zaka Ur Rehman	Physics	Islamabad	Multi-sensing non-invasive techniques for measurement of sugar and water content for precision farming	In Process
2776	HEC	Sumaira Farrakh	Biosciences	Islamabad	Studying Genomic Diversity of Pakistani Pathotypes of Puccinia striiformis through Whole Genome Sequencing	In Process
2777	HEC	Dr. Hassaan Mehboob Awan	Biosciences	Islamabad	isomiR Expression and Functional Analysis in Breast Cancer	In Process
2778	HEC	Syeda Hafiza Benish Ali	Biosciences	Islamabad	Pharmacogenomic analysis of drugs in the treatment of rheumatoid arthritis in Pakistani population	In Process
2779	HEC	Dr. Zahid Muneer	Biosciences	Islamabad	Inflammation, oxidative stress and antioxidant status in the blood of Alzheimer's disease patients.	In Process
2780	HEC	Dr. Muhammad Waseem	Chemistry	Islamabad	Removal of carcinogenic heavy metals by magnetic activated carbon extracted from waste onion	In Process
2781	HEC	Dr. Mohsin Riaz	CAST	Islamabad	AI and machine learning based seed classification system.	In Process
2782	HEC	Dr. Tariq Bashir	Electrical and Computer Engineering	Islamabad	DESIGNING OF PORTABLE HOLOGRAPHIC MICROSCOPIC DEVICE FOR THE IDENTIFICATION OF DIFFERENT PATHOGENIC MICROORGANISMS USING IMAGE PROCESSING	In Process
2783	HEC	Dr. Faisal Nasim	Physics	Islamabad	Hydro-kinetic power generation system	In Process
2784	HEC	Najeeb-ur-Rehman	Physics	Islamabad	Ecological Therapy via Non-Thermal Plasma -a novel solution for CO2 conversion	In Process
2785	HEC	Dr. Muhammad Fahad	EE	Islamabad	Design and Fabrication of effecient graphene/perovskite photo - voltaic devices on flexible siliconsubstrate	In Process
2786	HEC	Dr. Nazia Bibi	Biosciences	Islamabad	Dissecting the role of m6A RNA modification in Breast Cncer	In Process
2787	HEC	Dr. Saira Arif	Chemistry	Islamabad	Pulsed laser assisted cleaning of superficial degraded layers from selected artefacts	In Process
2788	HEC	Dr. Uzma Tabassam	Physics	Islamabad	Study of Heavy Ions Collision at LHC Energies	In Process
2789	HEC	Dr. Athar Hussain	Meteorology	Islamabad	Development of Haze Forecasting Model for Selected Pakistani Cities	In Process
2790	HEC	Shahzad Kouser	Economics	Islamabad	Economic Evaluation of Food and Nutrition Insecurities and Malnutrition Status among Different Population Groups of Pakistan	In Process
2791	HEC	Dr. Muhammad Rehman	Physics	Islamabad	Phenomenological Effects of Flavored Guage Mediated Supersymmetry Breaking and Higgs Physicsof	In Process
2792	HEC	Dr. Mahmood Qureshi	Electrical & Computer Engineering	Islamabad	Machine Learning based quantification of ejection fraction by automated cardiovascular MRI	In Process
2793	HEC	Dr. Muhammad Faraz Arshad Malik	Biosciences	Islamabad	Involvement of Hippo Pathway in Breast Cancer Metastasis	In Process

2794	HEC	Dr. Muhammad Saeed	Biosciences	Islamabad	Molecular and therapeutic characterization of TET1 and IDH mutations promoting stem cell formation in acute myeloid leukemia	In Process
2795	HEC	Dr. Lubna Tabassam	Physics	Islamabad	Fabrication of metal oxide based Green nanoparticles (GNPs) devices and their applications for the treating metabolic disorders.	In Process
2796	HEC	Dr. Muhammad Awais Javed	Electrical and Computer Engineering	Islamabad	Efficient Resource Allocation for 5G enabled Intelligent Transportation Systems	In Process
2797	HEC	Dr. Basit Raza	Computer Science	Islamabad	Artificial Intelligence based Computer Aided Diagnostic (CADx) Systems for Breast Cancer using Digital Pathology	In Process
2798	HEC	Dr Muhammad Imran shahzad	Meteorology	Islamabad	Title of Project:Monitoring Land Deformation and Seawater Intrusion in Coastal Areas of Pakistan	In Process
2799	HEC	Amir Rashid Chaudhry	Electrical and Computer Engineering	Islamabad	Creation Watcher (CW)	In Process
2800	HEC	Dr. Muhammad Ajmal	Biosciences	Islamabad	Genetic Analysis of Gall-Stone Disease	In Process
2801	HEC	Mudassar Rashid Kaawaja	Economics	Islamabad	The Societal Economic Burden of Dengue and awareness impact	In Process
2802	HEC	Dr. Muhammad Asif Gondal	Biosciences	Islamabad	Spatio-Temporal Study of Intertidal Benthic Macrofauna Along the Coast of Pakistan	In Process
2803	HEC	Dr. Shahzad Hussain	Physics	Islamabad	Electric Field Control of Magnetism in Strain Mediated and Exchange Coupled Magnetolectrics for Low Power Electronic Devices	In Process
2804	HEC	Muhammad Farhan Shafique	CAST	Islamabad	Design and Analysis of Antennas and Passive Microwave Circuit Elements on Flexible Substrates for the Biomedical Applications	In Process
2805	HEC	Dr. Javed Akram	Physics	Islamabad	Exciton-Polariton condensates in random disordered potentials	In Process
2806	HEC	Dr. Zehra Agha	Biosciences	Islamabad	Molecular Characterization of neurodevelopmental disorders in Pakistan	In Process
2807	HEC	Dr Guftaar Ahmad Sardar Sidhu	Electrical and Computer Engineering	Islamabad	Artificial Intelligence based Solutions for Maternal Health Issues in Pakistan	In Process
2808	HEC	Dr. Azeem Mehmood Butt	Biosciences	Islamabad	Genome-wide Identification and Functional Analysis of circular RNAs in Benign and Malignant Breast Tumors	In Process
2809	HEC	Dr. Naseer Ali Shah	Biosciences	Islamabad	Meta-genomic and Genomic approach to evaluate the gut associated holibiont virome changes mediated by excessive use of antibiotics.	In Process
2810	HEC	Dr. Zobia Noreen	Biosciences	Islamabad	Determining the burden of neglected zoonotic bacterial agents in Cattle Abortions & developing quick farm screening protocols	In Process
2811	HEC	Dr. Khuram Shahzad	Biosciences	Islamabad	Transcriptomics and Metagenomics profiling of dairy cows in response to mastitis disease in Pakistan	In Process

2812	HEC	Dr. Jabir Hussain Syed	Meteorology	Islamabad	Estimating the Contribution of Atmospheric Aerosols in Smog Formation from North-Eastern Pakistan: Source Apportionment and Implications for Trans-Boundary Movement	In Process
2813	HEC	Dr. Majid Khan	Management Sciences	Islamabad	Strategic Orientation of Ambidextrous Human Resource System, Employer branding and Organizational performance in Higher Education Sector of Pakistan	In Process
2814	HEC	Dr. Qadeer ul Hasan	Electrical and Computer Engineering	Islamabad	Design and Development of Low Cost Axial Field Flux Switching Machine for Electric Bike	In Process
2815	HEC	Dr. Adeel Mehmood	Electrical and Computer Engineering	Islamabad	Fault Tolerant Control of a Robot Manipulator with LuGre Model based Friction Compensation	In Process
2816	HEC	Dr. Haroon Ahmed	Biosciences	Islamabad	Establishing the prevalence of Cystic Echinococcosis (CE) in the Punjab province of Pakistan: An Ultrasound based field survey	In Process
2817	HEC	Dr Muhammad Nawaz	Humanities	Islamabad	Influence of Tanoli Hindko Causing Miscommunication in Speaking English: A Solution Focused Approach	In Process
2818	HEC	Dr. Muhammad Umar	Meteorology	Islamabad	Pollutant Mixing Dynamics Downstream of Kabul-Indus River Confluence using Satellite Remote Sensing	In Process
2819	HEC	Dr Rabia Habib	Biosciences	Islamabad	Circulating microRNAs Profiling for Detection of Potential Biomarkers for Endometriosis	In Process
2820	HEC	Dr. Sabir Hussain	Biosciences	Islamabad	Therapeutic targeting of Interleukin-17 in Human Blood Lymphocytes using Nano-particle to Limit Coronary Artery Disease in Patients	In Process
2821	HEC	Wajid Shakeel Ahmad	Management Sciences	Islamabad	The new continuum of winner picking strategic interventions: An investigation of efficient resource allocation in manufacturing sector	In Process
2822	HEC	Dr. Asghar Shabbir	Biosciences	Islamabad	Oligodendrocyte Regeneration by Synergistic Efficacy of Honey and Black seeds.	In Process
2823	HEC	Dr. liaqat Ali	Biosciences	Islamabad	Exploring the Treatment option for Multidrug Resistant Bacterial Infections.	In Process
2824	HEC	Dr. Adeel Ahmad	Mathematics	Islamabad	Finite Element Simulations of Fluid Flow and Heat Transfer in closed.	In Process
2825	HEC	Dr. Zeeshan Kaleem	Electrical and Computer Engineering Department	Wah	Development of Malicious UAV Detection and Tracking System	In Process
2826	HEC	Dr. Musstjab Akbar	Biosciences	Islamabad	Fluorid contamination into the ground water of Punjab,Pakistan and associated health risk in children population	In Process
2827	HEC	Awais Ali	Physics	Islamabad	Design and Fabrication of 2D Layered Synaptic Devices	In Process
2828	HEC	Sohail Iqbal	Mathematics	Islamabad	Mirror Symmetry and Classification of log Del Pezzo Surfaces	In Process
2829	HEC	Dr. Muhammad Sajjad	Biosciences	Islamabad	Developing resistant strach(Rs)wheat lines using CRISPR-Cas9 and MAB-speed breeding.	In Process
2830	HEC	Dr. Faheem Aslam	Management Sciences	Islamabad	Machine Learning Models to Investigate Prevalence and Determinants of Unwanted Pregnancies in Pakistan	In Process

2831	HEC	Dr. Asghari Gul	Biosciences	Islamabad	Synthes & Characterization of conjugated polymers for counter electrode material with enhanced electrical properties.	In Process
2832	HEC	Dr. Rabia naz	Biosciences	Islamabad	integrating transgenic and bio control approaches	In Process
2833	HEC	Dr. Shumaila Javeed	Mathematics	Islamabad	NEW REAL WORLD APPLICATIONS OF FRACTIONAL CALCULUS in BIOLOGY AND ECONOMICS	In Process
2834	HEC	Dr. Hamid Ali	Biosciences	Islamabad	A novel approach to investigate Protective and Therapeutic Potential of Natural Products for the Treatment of Hepatitis	In Process
2835	HEC	Dr. Umair Bin Nisar	Meteorology (CCRD)	Islamabad	Monitoring of Hydrological and Water Quality Parameters of rivers and streams of Punjab and KP, North Pakistan	In Process
2836	HEC	Dr. Qaiser Fatmi	Biosciences	Islamabad	Ligand-Induced G-Quadruplex (G4) DNA	In Process
2837	HEC	Prof. Dr. Mahmood A Kayani	Biosciences	Islamabad	Potential role of exosomes in cancers diagnosis and therapeutics	In Process
2838	HEC	Dr. Muhammad Inam Afzal	Biosciences	Islamabad	Antibiotics, acid and heat tolerance of antimicrobials adapted pathogenic microbes	In Process
2839	HEC	Dr. Tahir Mumtaz Awan	Management Sciences	Islamabad	Forecasting Dengue Outbreak in Pakistan using White, Grey and Black Box Models	In Process
2840	HEC	Dr. Rafaqat Hussain	Biosciences	Islamabad	highly organized of 3D Scaffolds of BioGlass Counting Injectable Calcium Phosphate Bone Cements.	In Process
2841	HEC	Dr. Rumana Keyani	Biosciences	Islamabad	How Nitric Oxide and the mitochondrial gene SAG12 contribute towards the tolerance of rice to stress.	In Process
2842	HEC	Dr. FAHED PARVAIZ	BIOSCIENCES	Islamabad	Immunotherapeutic Targets of Chronically Infected Hepatitis C Virus (HCV) Patients	In Process
2843	HEC	Qudrat Khan	CAST	Islamabad	Physical Model Development and Investigation of Flight Dynamics, Stability and control of Flapping Wing Micro Air Vehicle System	In Process
2844	HEC	Omair Inam	Electrical and Computer Engineering	Islamabad	Artificial Intelligence (AI) based non-intrusive load monitoring for IoT-based energy management system	In Process
2845	HEC	Dr. Zia Uddin	Pharmacy	Abbottabad	Parity-Time symmetry and its applications in modern sciences	In Process
2846	HEC	MUHAMMAD HABIB	Physics	Islamabad	DESIGNING AND FABRICATION OF A 2-DIMENSIONAL MATERIALS BASED BROADBAND METAMATERIAL ABSORBER AT TERAHERTZ REGIME FOR STEALTH PURPOSES.	In Process
2847	HEC	Dr. Dr. Sohail Asghar	Computer Science	Islamabad	An IoT enabled framework for vision based activity recognition by exploiting deep learning techniques	In Process
2848	HEC	Dr. Hannan Younis	Physics	Islamabad	Study of Radioactivity in the building Materials of Pakistan	In Process
2849	HEC	Dr. Fawad Zaman	Electrical & Computer Engineering	Islamabad	Robust array signal processing against sensor failures and uncertainties	In Process
2850	HEC	Dr. Azeem Mir	Physics	Islamabad	Study of decays involving flavor changing currents within 331 model.	In Process

2851	HEC	Dr. Muhammad Jawad Khan	Biosciences	Islamabad	Using non-coding RNAs as diagnostic and therapeutic tool for metabolic syndrome.	In Process
2852	HEC	Dr. Jaweria Ambreen	Chemistry	Islamabad	Sustainable Qtreatment technologies for arsenic contamination in watere.	In Process
2853	HEC	Dr.Junaid Ahmad	Electrical & Computer Engineering	Islamabad	Development of IoT R&D Lab	In Process
2854	HEC	Dr. Safia Zahid	Chemistry	Islamabad	Fabrication of polymer Electrospun nanofibers for environmental remediation	In Process
2855	HEC	Dr. Shurjeel Wyne	Electrical and Computer Engineering	Islamabad	Secure Communications via Secret Key Generation from Random Wireless Channel Characteristics	In Process
2856	HEC	Dr. Muhammad Shakeel Ahmad	CPS	Islamabad	Political Econmy of Electroal Representation Polities of Public Policy and Hegemonic War of Position in British India.	In Process
2857	HEC	Dr Saima Nawaz	Management Sciences	Islamabad	The economic and institutional analysis of the billion trees project under alternative tenurial contracts with a focus on women in the KPK	In Process
2858	HEC	Ali Arshad	Electrical and Computer Engineering	Islamabad	Design of a low-cost battery for electric rickshaw	In Process
2859	HEC	Dr Faheem Ahmad	Biosciences	Islamabad	Developing an Ideal Microbial Pesticide for Agricultural Food Sources	In Process
2860	HEC	Dr. Sidra Rehman	Biosciences	Islamabad	Synthesis and Characterization of Flavonoids Encapsulated Super Molecular Nano carrier System for Cancer Therapy	In Process
2861	HEC	Dr. Junaid Ikram	Electrical and Computer Engineering	Islamabad	Design and development of Low cost pole changing axial flux permanent magnet machine with slotted configurations for Electric Vehicle applications	In Process
2862	HEC	Ayesha Tahir	Biosciences	Islamabad	Elucidation of Drought and Temperature Tolerance for Yield Maximization and Genomic Assisted Selection under Changing Climate through Transcriptome and Methylome Mapping of Lentil	In Process
2863	HEC	Dr. Muhammad Umer	Biosciences	Islamabad	investigation on biofule production potential of Arundo donax influenced by biochemical characteristics.	In Process
2864	HEC	Dr. Syed Kamran Ul Hassan	Biosciences	Islamabad	Identification screening and characterization	In Process
2865	HEC	Dr. Kaleem Imdad	Biosciences	Islamabad	Construction of microbial cell factory through engineered strain of Saccharomyces cerevisiae for the production of α -santalol	In Process
2866	HEC	Dr. Humaira yasmin	Biosciences	Islamabad	Quorum Sensing of Microbial Community as a Versatile Tool for Rhizospheric Competence: A Step to Increase the Consistency of Bioinoculants	In Process
2867	HEC	Dr. Salman Khan	Physics	Islamabad	Quantum speed limit time of open quantum system with non markovianity of surrounding quantum and classical environments.	In Process

2868	HEC	Dr. Zahra Jabeen	Biosciences	Islamabad	Metagenomic and Transcriptomic study of Wheat under drought stress and co-application of hydrogen sulfide and rhizobacteria	In Process
2869	HEC	Dr. Rahmat Ullah	Physics	Islamabad	Generation of Structured Light	In Process
2870	HEC	Dr. Farha Masood	Biosciences	Islamabad	Multifunctional nanocomposite membran for wound dressing	In Process
2871	HEC	Dr. Muhammad Farooq Iqbal	Meteorology	Islamabad	Oil Spill Detection and Risk Assessment using Satellite Remote Sensing along Gwadar Coast, Balochistan	In Process
2872	HEC	Dr. Nasir Masood	Environmental Sciences	Vehari	Protection of Kitchen Gardening Vegetables from Insects Through Application of Bio-pesticides	In Process
2873	HEC	Dr. Haifz Mohkum Hammad	Environmental Sciences	Vehari	Optimizing Irrigation water and economic return of high yielding maize under changing climate conditions of Pakistan	In Process
2874	HEC	Dr. Muhammad Asif Naeem	Environmental Sciences	Vehari	Enabling Arsenic contaminated wastewater for reuse in agriculture and its health implications	In Process
2875	HEC	Dr. Asfand Fahad	Mathematics	Vehari	On Some Integral and Discrete Inequalities	In Process
2876	HEC					In Process
2877	HEC	Dr. Mazhar Ali	Environmental Sciences	Vehari	Physiology and growth of Stevia (Stevia rebaudiana L). Plant under different Environmental Stresses in Diverse Ecological Zones of Pakistan	In Process
2878	HEC	Dr. Sajjad Ahmad	Environmental Sciences	Vehari	Production of biofuel from microalgae bloom by using waste water and flue gas	In Process
2879	HEC	Dr. Faiz Rabbani	Environmental Sciences	Vehari	Synthesis, Characterization and applications of doped transition metal oxides for the removal of organic colorants in the waste water	In Process
2880	HEC	Dr. Amjad Farooq	Environmental Sciences	Vehari	Domestication and value addition of indigenous Aromatic plants for essential oils and their biochemical profiling	In Process
2881	HEC	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	Synthesis and Application of Biochemical Material for Bioremediation of Multi-Metals Contaminated Soil	In Process
2882	HEC	Dr. Tahir Mushtaq	Mathematics	Vehari	Time-domain based numerical approach in the hybrid modeling of the vocal tract for the speech generation	In Process
2883	HEC	Dr. Behzad Murtaza	Environmental Sciences	Vehari	Spatial distribution, health risk assessment and batch-pilot scale remediation of arsenic by developing bimetallic composites of biosorbents: A cohort study in Ravi-Sutlej interbasin	In Process
2884	HEC	Dr. Muhammad Amjad	Environmental Sciences	Vehari	Nano-agriculture for ensuring food security in Pakistan by economical crop production from salt-affected areas	In Process
2885	HEC	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	GREEN SYNTHESSES, CHARACTERIZATIONS AND APPLICATION OF NOBLE METAL NANOPARTICLES IN FOOD SAFETY WITH SPECIAL REFERENCE TO THEIR BIOMEDICAL, CHEMO CATALYTIC AND ELECTROCHEMICAL PROPERTIES	In Process

2886	HEC	Dr. Muhammad Farhan Saeed	Environmental Sciences	Vehari	Integrative Management Approach (IMA) for the remediation of heavy metals and pesticides polluted soil for better productivity and quality of Wheat	In Process
2887	HEC	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Mobile app WATCALCU for irrigation management in arid aread of Punjab South under Changing Climate	In Process
2888	HEC	Dr. Muhammad Akram	Environmental Sciences	Vehari	Optimization of site specific production of canola (brassica napus L). In different agroclimatic condition of Punjab	In Process
2889	HEC	Dr. Muhammad Rafi Raza	Mechanical Engineering	Sahiwal	Development of Modified 316L Stainless for Bio Medical Applications via Powder Injection molding	In Process
2890	HEC	Sami Ullah Khan	Mathematics	Sahiwal	Bioconvection flow of nano particles with multiple features	In Process
2891	HEC	Dr Arslan Ahmed	Mechanical Engineering	Sahiwal	Investigation of tribological and corrosion behaviour of environmentally friendly fuels for automotive application	In Process
2892	HEC					In Process
2893	HEC	Dr Muhammad Azhar	Biosciences	Sahiwal	CTCF and Cohesin binding occupancy to regulate gene expression in aging tissues	In Process
2894	HEC	Dr. Binesh Sarwar	Management Sciences	Sahiwal	Street Beggars in Pakistan: Causes and Opportunities for socio-Economic Development	In Process
2895	HEC	Dr Manzoor Ahmad Zahid	Mathematics	Sahiwal	Analysis of Computational Complexity and Algorithms for Choice Model	In Process
2896	HEC	Abrar Hussain	Biosciences	Sahiwal	Development of small scale method to estimate protein polymerization in wheat flour	In Process
2897	HEC	Dr.Waheed Yousuf Ramay	Computer Science	Sahiwal	PiRNA-Disease association database and piRNA target predictor	In Process
2898	HEC	Dr Muhammad Shoaib	Computer Science	Sahiwal	Communicating with the Mute	In Process
2899	HEC	Dr. Najma Abdul Rehman	Mathematics	Sahiwal	Differential Geometry and Spectral Geometry of Graphs	In Process
2900	HEC	Dr. Saqib Saleem	Electrical and Computer Engineering	Sahiwal	Artificial Intelligence based automatic meter reading framework	In Process
2901	HEC	Dr. Asim Mehmood	Biosciences	Sahiwal	Molecular characterization and association mapping of Pakistani Olive germplasm: Towards genetic diversity, classification and breeding program	In Process
2902	HEC	Dr. Muhammad Farhan	Computer Science	Sahiwal	Visual Attention using Facial Expressions (VAFE)	In Process
2903	HEC	Dr. Khalid Mahmood	Computer Science	Sahiwal	Block Chain Based Supply Chain Management System for Agriculture of Pakistan	In Process
2904	HEC	Dr. Mazhar Sadiq	Computer Science	Sahiwal	Early Diagnosis of Alzheimer's disease by using Machine Learning	In Process
2905	HEC	Dr Saqib Ali	Management Sciences	Sahiwal	Factors affecting rural farmers decisions in biogas technology adoption, the case of Punjab, Pakistan	In Process
2906	HEC	Dr. Salman Zulfiqar	Management Sciences	Sahiwal	Introduction of Business Simulation Games in Reforming Business Education	In Process

2907	HEC	Qudsia Yousafi	Biosciences	Sahiwal	Inhibition of biologically important proteins of <i>Pectinophora gossypiella</i> S. by using novel phyto compounds: A combination of computational and in vivo study as a step towards insecticide resistance management	In Process
2908	HEC	Dr Shahzad Saleem	Biosciences	Sahiwal	Evaluation of Phosphine resistance and coping it with alternative fumigants in stored grain insect pests	In Process
2909	HEC	Dr. Muhammad Awais	Biosciences	Sahiwal	Photo-catalytic Pretreatment of Lignocellulosic Biomass for Commercializable Biofuel Production	In Process
2910	HEC	Dr. Muhammad Shoaib	Mathematics	Attock	Design and applications of integrated intelligent computing paradigms for wire coating analysis	In Process
2911	HEC	Dr. Ali Imran	Mathematics	Attock	Cilia Transport of Rheological Hybrid Nano fluids	In Process
2912	HEC	Dr. Zuhaib A. Khan	EE	Attock	Wind Energy Harvester for Vehicles Battery Charging	In Process
2913	HEC	Dr. Saddam Hussain	Management Sciences	Attock	Development of National Database for Academic-Industry Collaboration: an attempt towards Evidence-based policy Making in Pakistan	In Process
2914	HEC	Dr. Faisal Shahzad	Management Sciences	Attock	Corporate Social Responsibility and Information Asymmetry: The Mederating Role of Ownership Concentration	In Process
2915	HEC	Dr. Muhammad Saleem Khan	Computer Science	Attock	IoT-based Forest Monitoring System using Acoustic Properties of Tree-cutting in Pakistan	In Process
2916	HEC	Dr. Muhammad Naeem	Electrical and Computer Engineering	Wah	An Intelligent and Robust Cyber Physical Framework for Digital Meter Maintenance and Data Recognition	In Process
2917	HEC	Ali Usman	Mechanical Engineering	Wah	Artificial Intelligence and Machine Learning to Develop Smart Mathematical Model for Lubrication of Engineering Application using Bio-based Green Lubricants Enriched with Nanoparticles	In Process
2918	HEC	Dr. Tassawar Iqbal	Computer Science	Wah	Let us save the Environment: Optimizing Energy Consumption in Cloud Data centers	In Process
2919	HEC	Dr. Khurram shafi	Management sciences	Wah	China-Pakistan Economic Corridor : The Game Changer	In Process
2920	HEC	Dr. Wilayat Khan	Electrical and Computer Engineering	Wah	Design and development of automatic formal tool for hardware circuits verification	In Process
2921	HEC	Dr. Hikmat Ullah Khan	Computer Science	Wah	A Scientometrics Analysis of Research Productivity and Influence of universities in Pakistan	In Process
2922	HEC	Dr. Muhammad Maaz Rehan	Computer Science	Wah	A Privacy-focused Intelligent Fog Computing System for Blood Pressure and Diabetes Care using Wearable Internet of Things	In Process
2923	HEC	Dr. Hafiz Muhammad Omer Chughtai	Electrical and Computer Engineering	Wah	A Framework for Reliable Link Adaptive Position-based X2X Communication using Artificial Intelligence	In Process
2924	HEC	Sajjad Ali Haider	Electrical and Computer Engineering	Wah	Performance Modeling of Aircraft Engine for Fault Diagnostics	In Process
2925	HEC	Dr. Mussarat Yasmin	Computer Science	Wah	OPD-ATM (out patient's Diagnostic Automatic Teller Machine)	In Process
2926	HEC	muhammad sharif malik	Computer Science	Wah	Rice Grain Inspector for Export Quality Monitoring	In Process

2927	HEC	Dr. Muhammad Rafiq	Mathematics	Wah	Numerical and Analytic Solutions of Fractional Order Obstacle Boundary Value Problems	In Process
2928	HEC	Dr. mudassar raza	Computer Science	Wah	Artificial Intelligence based automated system to monitor and tackle street crimes in pakistan using machine learning: A quick response aid strategy	In Process
2929	HEC	Obaid Ullah Mehmood	Mathematics	Wah	A mathematical study on the dynamics of blood flow through diseased arteries	In Process
2930	HEC	Dr. Ahsen Maqsoom	Civil Engineering	Wah	Critical Sustainable Aspects of CPEC Northern Corridor: Employing GIS and Statistical Technique to Assess the Influence of Landslide Susceptibility, New City Settlement and Pavement Feasibility	In Process
2931	HEC	Dr. Wasif Nisar	Computer Science	Wah	E-Governance Paradigms and Enterprise Recourse Planning Projects in Pakistan	In Process
2932	HEC	Dr. Aamir Qamar	Electrical and Computer Engineering	Wah	Performance Analysis of Substation Grounding Grid in Harsh Electromagnetic Environment	In Process
2933	HEC	Dr Waqar Mehmood	Computer Science	Wah	CMMI Compliant Workflow Model for the Implementation of Configuration Management Process in Small and Medium Sized Software Development Organizations in Pakistan	In Process
2934	HEC	Dr. Muhammad Yar Khan	Management Sciences	Wah	Rapid Urbanization and Sustainability in Pakistan	In Process
2935	HEC	Dr. Sheraz Anjum	Computer Science	Wah	Building Optimized Deep Learning Model for Dengue Fever Prediction – A Sequence Model-based Optimization Technique	In Process
2936	HEC	M. Bilal Ashraf	Mathematics	Islamabad	Computational Modelling and Simulation of Nano Fluids	In Process
2937	HEC	Yasir Bashir	Mathematics	Wah	Evaluation of Irregular and Magic of Graphs	In Process
2938	HEC	Dr. Muhammad Altaf	Electrical and Computer Engineering	Wah	user Controlled Hearing Aid Technology (uCHAT)	In Process
2939	HEC	Dr. Muhammad Awais	Electrical & Computer Engineering	Wah	A Layout Optimized, Synthesizable Standard Cell Library of Reversible Logic and Its Application to Low Power Digital Design for Green ICT.	In Process
2940	HEC	Dr. Tahira Nazir	Management Sciences	Wah	Circular Economy for Plastic and the Future of 3D printing in Pakistan	In Process
2941	HEC	Syed Rameez Naqvi	Electrical and Computer Engineering	Wah	A Massively Parallel Processing Framework for Stereo based Digital Surface Model Generation	In Process
2942	HEC	Dr. Tahir Mehmood	Civil Engineering	Wah	Experimental and analytical seismic assessment of RC shear walls	In Process
2943	HEC	Dr. S. M. Jawwad Riaz	Mathematics	Wah	Some Aspects of Space-time Coordinates in f(R) Gravity	In Process
2944	HEC	Dr. Majid Jamal Khan	Management Sciences	Wah	An Investigation into Digital Identity Construction of English Language Faculty in Higher Education of Pakistan	In Process
2945	HEC	Muhammad Ijaz	Pharmacy	Lahore	Antibiotic loaded Nano-Carriers for the treatment of Resistant Bacterial Infections	In Process

2946	HEC	Dr. Sobia Tabassum	IRCBM	Lahore	Interconnecting multifunctional apatite nano-particles by egg white proteins to build a biomimetic moldable grafts for dental and bone tissue engineering	In Process
2947	HEC	Dr Lubna Sherin	Chemistry	Lahore	Fabrication of functionalized nanocellulose- metal nanoparticles based electrochemical sensor for simultaneous detection of multiple trace metal ions	In Process
2948	HEC	Dr. Ghulam Murtaza	Pharmacy	Lahore	Chitosan-silver nanocomposite-driven angiogenic intervention for effective infection control and skin wound recovery	In Process
2949	HEC	Dr Amna Mir	Physics	Lahore	Synthesis and characterization of novel materials and its fabricated prototypes for 3D printed applications	In Process
2950	HEC	Dr. Saif Ur Rehman	Physics	Lahore	Fabrication of third-generation photovoltaic device for solar energy harvesting	In Process
2951	HEC	Dr. Muhammad Farooq-i-Azam	Electrical and Computer Engineering	Lahore	Monitoring and Alert Communication System for Landslide Prediction Using Wireless Sensor Network and Internet of Things	In Process
2952	HEC	Dr. Faizan Ahmad	Computer Science	Lahore	Maximizing Gaming Effect in Virtual Reality: A Categorical Study of Players' Affective Neuroscience	In Process
2953	HEC	DR. Kashif NAzar	Mathematics	Lahore	Theoretical Investigation of Unsteady MHDFlow within non-Stationary Porous Plates	In Process
2954	HEC	Dr Mirza Tariq Hamayun	Electrical and Computer Engineering	Lahore	DESIGN AND REAL TIME IMPLEMENTATION OF ADAPTIVE FAULT TOLERANT AND SENSOR FAULT RECONSTRUCTION SCHEMES FOR INDIGENOUS MEDIUM RANGE SECURITY MONITORING UNMANNED AIR VEHICLE SYSTEM	In Process
2955	HEC	Dr.Akbar ALI	PHYSICS	Lahore	Joint Pain Formulation with silver nano particles	In Process
2956	HEC	Dr. Jehangir Arshad	Electrical & Computer Engineering	Lahore	Intelligent Framework for the Early Prdiction of Premature Births	In Process
2957	HEC	Dr. Sobia Baig	Electrical and Computer Engineering Department	Lahore	Energy Management System with Ancillary Services in a Network of Nano/Micro Grids	In Process
2958	HEC	Dr Muhammad Nasir	IRCBM	Lahore	Fabrication of Nanomaterials for rapid, early and cost-effective detection of Tuberculosis	In Process
2959	HEC	Dr. Aqeel Khan	Mathematics	Lahore	Convergence Analysis of Proximal Point Algorithm in Spaces of Non-Positive Sectional Curvature	In Process
2960	HEC	Dr. Yasser Shahzad	Pharmacy	Lahore	Mesoporous silica carriers for enhanced dissolution and bioavailability of a Quinone Derivative	In Process
2961	HEC	Dr. Arsalan Ahmed	IRCBM	Lahore	Nano-formulation of chia seed as food supplement in diabetes management	In Process
2962	HEC	Dr. Abid Mehmood Yousaf	Pharmacy	Lahore	Electrospraying Technique for Enhanced Biopharmaceutical Performance of a Quinone Derivative via Polymeric Nanobeads Formation.	In Process
2963	HEC	Dr. Waseem Hassan	Pharmacy	Lahore	Pharmacological drug screening from synthetic and semi-synthetic methods to develop drug candidate(s) for immunometabolic disorders	In Process

2964	HEC	Dr. Naeem Akhtar	IRCBM	Lahore	Step toward early-stage diagnosis of neuronal degenerative disorders: Highly thought-out protocol for fabrication of photoelectrochemical sensor of 6-nitrocatecholamines	In Process
2965	HEC	Muhammad Noor-ul-Amin	Statistics	Lahore	Quality Monitoring in Health Care with Control Charts: Development and Application	In Process
2966	HEC	Dr. Syed Tahir Raza Rizvi	Mathematics	Lahore	Analytic Study on Optical Solitons and Conservation Laws for Nonlinear Schrödinger Equations	In Process
2967	HEC	Dr. Muhammad Ihtisham Umar	Pharmacy	Lahore	To enhance the in vivo anticancer potential of docetaxel by modifying the tumor supporting cellular microenvironment in mice	In Process
2968	HEC	Hafiza Fakhera Ikram	Interdisciplinary Research Centre in Biomedical Materials, COMSATS University Islamabad, Lahore Campus	Lahore	Preparation of 3D Printed Bioscaffolds from Decellularized Umbilical Cord for Cartilage Regeneration	In Process
2969	HEC	Muhammad Faisal Nadeem	Mathematics	Lahore	Mathematical Modeling of Experimental Data for Rheological Properties of Nanofluids	In Process
2970	HEC	Dr. Sami Ullah	Management Sciences	Lahore	TVET-Industry Collaboration in Punjab: Opportunities and Challenges	In Process
2971	HEC	Adeel Farooq	Mathematics	Lahore	Coxeter generators for the subgroups of bimonster group	In Process
2972	HEC	Dr. Usman Shakoor	Economics	Islamabad	Profiling Energy Poverty Across Rural Households of Rawalpindi Division	In Process
2973	HEC	Dr. Mushtaq Ahmad	Physics	Islamabad	Growth of Low-dimensional Materials and Their Physics Study at Different Temperatures for Energy and Electronic Applications	In Process
2974	HEC	Kaneez Rabia	Physics	Islamabad	Investigation of charge-density- wave multiphases in rare-earth (RE) tritellurides RE ₃ Te ₃ by using high-pressure and low-temperature Raman Spectroscopy	In Process
2975	HEC	Prof. Dr. Taous Khan	Pharmacy	Abbottabad	Isolation, characterization and molecular studies of anti-breast cancer secondary metabolites from Pakistani species of Otostegia	In Process
2976	HEC	Dr. Fazli Wahid	Biosciences	Abbottabad	Clinical Studies on Bacterial Cellulose Based Advanced Therapeutic Wound Dressing Products on Burn Patients: Translating Basic Science into Applied Research	In Process
2977	HEC	Dr. Wajiha Khan	Biosciences	Abbottabad	Isolation of antivirulent alkaloids from selected medicinal plants against Pseudomonas aeruginosa	In Process
2978	HEC	Dr. Zia Uddin	Pharmacy	Abbottabad	Investigation of Anti-diabetic Potential and Metabolites Profiling of Polyphenol rich Medicinal Plants from Northern areas of Pakistan	In Process
2979	HEC	Amara Mumtaz	Chemistry	Abbottabad	Synthesis of pyrazole substituted thioureas as multitargeted therapeutics for the management of neuroinflammation in alzheimer disease	In Process

2980	HEC	Dr. Muhammad Azeem	Chemistry	Abbottabad	Development of eco-friendly and sustainable fungicides for the control of Aspergillus flavus and aflatoxin	In Process
2981	HEC	Dr. Muhammad Ikram	Pharmacy	Abbottabad	Designing and Development of an All-in-one three-dimensional Platform for Cultivation of Multicellular Hepatoma tumoroids to evaluate Chemoresistance	In Process
2982	HEC	Dr. Mohammad Maroof Shah	Biosciences	Abbottabad	Developing strategy for production of somaclonal variants in cut flowers	In Process
2983	HEC	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Development of a coupled Wastewater Treatment System for removal of Emerging Contaminants from Industries	In Process
2984	HEC	Dr Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Estimation and simulation of the current and future land use land cover changes and their impact on land surface temperature in context of urban warming trends in northern Pakistan	In Process
2985	HEC	Dr. Akhtar Iqbal	Environmental Sciences	Abbottabad	Biogas digestate as bio-fertilizer: Evaluating bio-polymers and clay minerals for the development of slow release fertilizer from biogas digestate	In Process
2986	HEC	Dr. Zakir Hussain	Mathematics	Abbottabad	Magneto Hydro Dynamics Instability of Metal and Metal Oxide Nanoparticles in Polar and Non-Polar Fluids.	In Process
2987	HEC	Dr Arshid Pervez	Environmental Sciences	Abbottabad	Identification and characterization of useful Indigenous biofilms forming rhizobacteria from the different rhizospheres of cereals, leguminous and oil seed crops	In Process
2988	HEC	Dr. Javed Iqbal	Earth Sciences	Abbottabad	QUANTIFICATION OF DEBRIS FLOWS AT REGIONAL SCALE: A STUDY IN NORTH PAKISTAN	In Process
2989	HEC	Dr. Syed Mobasher Ali Abid	Pharmacy	Abbottabad	Design and Synthesis of Monoamine Oxidase Inhibitors, Computational Molecular Docking Studies and Their Biological Investigation	In Process
2990	HEC	Prof.dr.Shahid A.Khan	ECE	Islamabad	Design of Hardware-in-Loop simulator for Modular Multilevel Converters	In Process
2991	HEC	Dr. Sabaz Ali Khan	Biosciences	Abbottabad	Biochemical and Molecular Characterization of Health Beneficial Metabolites of apple Under Different Climatic Conditions of Pakistan	In Process
2992	HEC	Dr. Sabaz Ali Khan	Biosciences	Abbottabad	Production of Transgenic Wheat Variety to Reduce the Ozone Pollution and Global Warming Impact and to Increase the Yield of Wheat	In Process
2993	HEC	Dr Shujaat Ali Khan	Pharmacy	Abbottabad	Fexofenadine Suspension Formulation, Characterization and Preliminary Safety Evaluation for Pharma Industries Manufacturing in Pakistan	In Process
2994	HEC	Dr. M. Zahid	MATHEMATICS	Abbottabad	Generalized Fuzzy Sets with Complexities and their Applications in Signals & Systems	In Process
2995	HEC	Dr. Abdul Majid	Electrical and Computer Engineering	Abbottabad	Design and implementation of power converters for DC and AC microgrids	In Process

2996	HEC	Dr. Raheem Gul	Mathematics	Abbottabad	Human Cardiovascular Simulator (CSim) for teaching and research purposes	In Process
2997	HEC	Dr. Nighat Fatima	Pharmacy	Abbottabad	Apoptotic Natural Compound for In Vitro and Insilico Potential agaist Biofilm Forming Resistant candidaSpecies	In Process
2998	HEC	Dr Amjad Hassan	Biosciences	Abbottabad	Identification and characterization of Bacillus thuringiensis (Bt) strains and recombinant cry toxin proteins production to inhibit the insects of important crops of Pakistan	In Process
2999	HEC	Dr.Malik Fahim Bashir	Management Sciences	Abbottabad	Financial Regulations and Fund Manager's Perceptions, Are These Regulations Constraints Fund Managerial Ability?	In Process
3000	HEC	Dr. Nadia Nawaz	Electrical and Computer Engineering	Wah	AI based Automated Diagnosis System for Retinal Diseases	In Process
3001	HEC	Dr. Iftikhar Zeb	Biosciences	Abbottabad	Improved Biogas and Bio fertilizer Production Through Micro aerobic Pretreatment and Anacerobic Co- Design of Agro Industrial Wastes	In Process
3002	HEC	Dr. Malik Tahir Hayat	Environmental Sciences	Abbottabad	Novel Multitrophic Interaction-based Approaches to Rapidly Adapt Plants to Problematic and Poorly Managed Soils	In Process
3003	HEC	Dr. Bibi Saima Zeb	Environmental Sciences	Abbottabad	Approaches to enhance biodegrdation of plastic	In Process
3004	HEC	Dr Irum Shahzadi	Biosciences	Abbottabad	Isolation, Characterization of Anthocyanins for Anticancer Potential and Their Mechanism of Action from Purple Heart and Purple Mint	In Process
3005	HEC	Dr Rafiq Ahmad	Biosciences	Abbottabad	Behavioral studies of important insects of crops in response to volatile plants compounds emissions under different environmental pollutants	In Process
3006	HEC	Dr. Abdul Jabbar Shah	Pharmacy	Abbottabad	Identification of antihypertensive herbal drugs and active constituents usin g in vivo and in vitro pharmacological investigations; Using Non-Invasive Blood Pressure Monitoring	In Process
3007	HEC	Dr. Arshad Mehmood Abbasi	Environmental Sciences	Abbottabad	Impact of changing climate on phytochemical profile and antioxidant potential of vegetables	In Process
3008	HEC	Syed Tatheer Alam Naqvi	Biosciences	Abbottabad	Development of plant based antibiofilm agents that inhibit biofilm formation of pathogenic bacteria and identification of molecular mechanism underlying their inhibitory character	In Process
3009	HEC	Fiaz Alam	Pharmacy	Abbottabad	Phytochemical investigation and pharmaceutical formulation of Primula plants extracts for the treatment of Asthma and related conditions	In Process
3010	HEC	Dr. Zahid Mahmood	Electrical and Computer Engineering	Abbottabad	MCB-LPR: Mobile Cloud Based License Plate Recognition System	In Process
3011	HEC	Ayesha Baig	Biosciences	Abbottabad	Role of WRKY in Disease Resistance Mechanism in Potato Against Streptomyces	In Process

3012	HEC	Dr Abdul Nazir	Environmental Sciences	Abbottabad	Evaluations of impact of climate change on the biochemical and molecular characterization in Chickpea	In Process
3013	HEC	Dr. FARHAN HAFEEZ	Environmental Sciences	Abbottabad	Impact of Reduced Snow Cover and Heat-Drought Climatic Changes on Resilience of Nitrogen Cycling Ecosystem Functioning in Lower Himalayas	In Process
3014	HEC	Dr. Bilal Ahmad Zafar Amin	Environmental Sciences	Abbottabad	Novel Lignocellulolytic Himalayan Enzymes and their Nano-engineered Industrial Implications	In Process
3015	HEC	Dr. Nadia Riaz	Environmental Sciences	Abbottabad	Efficient Visible-Light-Induced Integrated Photocatalytic Material for Disinfection of Air	In Process
3016	HEC	Dr. Rabia Saleem	Mathematics	Lahore	Cosmic Inflation in Modified Theories of Gravity	In Process
3017	HEC	Dr Muhammad Bilal	Environmental Sciences	Abbottabad	Sustainable production of Graphene Graphen Oxide Graphene Quantum Dots and Their Novel Metallic Nanohybrids for waste water Treatment.	In Process
3018	HEC	Romana Khan	Environmental Sciences	Abbottabad	Development of a Hybrid Air Cleaning System for Indoor Air Pollution Control	In Process
3019	HEC	Dr. Humaira Ayub	Biosciences	Abbottabad	Genetic and Functional Elucidation of the Underlying Molecular Mechanisms of Multifactorial Eye Disorder; Glaucoma	In Process
3020	HEC	Dr. Nabi Shah	Pharmacy	Abbottabad	To Explore the Pharmacogenetic Predictors of Blood Pressure Response to Antihypertensive Medications	In Process
3021	HEC	Dr. Aqif Anwar Chaudhry	Interdisciplinary Research Centre in Biomedical Materials	Lahore	Development of Halal Uni & Bi functional Bioactive Scaffolds for Advanced Skeletal Defect Repair	In Process
3022	HEC	Dr. Talib Hussain	Pharmacy	Lahore	Polymeric composites for enhanced bioavailability of a quinone derivative.	In Process
3023	HEC	Dr. Sadia Arshad	Mathematics	Lahore	Mathematical Modeling and analysis of the environmental impact of CPEC	In Process
3024	HEC	Dr Sara Riaz	Chemistry	Lahore	Synthesis and characterization of magnetic graphene oxide coupled with zirconium based metal organic frameworks to study their potential in simultaneous electrochemical detection of heavy metal ions	In Process
3025	HEC	Dr. Riffat Jabeen	Statistics	Lahore	Control Charts for monitoring Process mean under Non Normality	In Process
3026	HEC	Dr. Iftikhar Ahmed	ERC	Lahore	Waste to value : Extraction of ultra pure water and mineral salts from R.O. rejected waste slurry by energy efficient technology	In Process
3027	HEC	Dr. Anila Asif	Interdisciplinary Research Centre in Biomedical Materials (IRCBM)	Lahore	Bioadhesive For Suture Less Wound Closure and Minimally Invasive Surgeries	In Process
3028	HEC	Dr. Muhammad Ismail	Statistics	Lahore	Development of some new cost-effective and efficient sampling technique under ranked set sampling for estimation of population mean and median	In Process
3029	HEC	Dr. Summaira Malik	Economics	Lahore	Economic Valuation of Biodiversity and Environment Along the CPEC Corridor (Western Route)	In Process

3030	HEC	Dr. Fawad Azeem	Energy Research Center	Lahore	Design of Modern Agricultural Microgrids with Adaptable Load Management for sustainable and social growth in Islanded Rural Areas of Pakistan	In Process
3031	HEC	Dr. Hamid Turab Mirza	Computer Science	Lahore	Identification of Spam Product Reviews written in Roman Urdu Script	In Process
3032	HEC	Dr. Madiha Qayyum	Mathematics	Lahore	New Rankings of Single Valued Neutrosophic Numbers and their Application in Medical Treatment Option Selection and Diagnose Method	In Process
3033	HEC	Dr. Aasia Nusrat	Humanities	Lahore	Implementing Mobile Technology for Vocabulary Learning: Perceptions of ESL learners in Pakistan	In Process
3034	HEC					In Process
3035	HEC	Dr. Muhammad Jawad	Electrical and Computer Engineering	Lahore	3-DoF Motion based Car Driving Simulator Platform	In Process
3036	HEC	Dr. TAJAMMAL HUSSAIN	STATISTICS	Lahore	Sustainable University Excellence: Development, validation, and implementation of assessment framework	In Process
3037	HEC	Dr. Sadat al Shariyeh Hosseini	Architecture	Lahore	Programming and design, construction and post occupancy evaluation of a low-cost Green guest house with focus on thermal behavior and natural ventilation	In Process
3038	HEC	Dr. Hamad Khalid	Interdisciplinary Research Center in Biomedical Materials	Lahore	Proangiogenic hydrogel based on inexpensive silk for fast wound healing	In Process
3039	HEC	Dr. Abdul Razzaq	Chemical Engineering	Lahore	Solar Light driven Photocatalysis for Methanol (CH ₃ OH)	In Process
3040	HEC	Dr. Zulfiqar Habib	Computer Science	Lahore	Real-time Intelligent Monitoring of Suspicious Activities (RIMSA)	In Process
3041	HEC	Dr. Jahanzeb Akhtar	Electrical & Computer Engineering	Lahore	Design and Development of an efficient artificial pancreas for expeditious blood glucose monitoring and insulin dosage	In Process
3042	HEC	Dr. Muhammad Shahzad Khurram	Chemical Engineering	Lahore	Sustainable and clean Power generation using low quality solar/waste heat in Tesla turbine for small enterprises	In Process
3043	HEC	Dr. Imran Ghous	Electrical and Computer Engineering	Lahore	A universal and efficient fault-tolerant control-based diagnosis system for wind turbines	In Process
3044	HEC	Dr. Zakir Khan	Chemical Engineering	Lahore	Energy Efficiency Enhancement of Biomass Gasification Power Generation System by Optimal Utilization of Waste Heat in Organic Rankine Cycle	In Process
3045	HEC	Dr. Qurat-ul-Ain Azim	Mathematics	Lahore	Multilayer Flows of Immiscible Non-Newtonian Fluids in Cylindrical Tubes	In Process
3046	HEC	Muhammad Ashfaq Ahmad	Physics	Lahore	Synthesis and electromagnetic shielding effectiveness measurement of conductive materials	In Process
3047	HEC	Dr. Arif Hussain	Chemical Engineering	Lahore	Process design and optimization of methoxy-methylheptane production: a potential chemical for reformulated gasoline	In Process

3048	HEC	Dr. Ghazanfar Abbas	Physics	Lahore	Thin Film Development of Nanocomposite Materials for Advanced Energy Conversion Technology (Solid Oxide Fuel Cell)	In Process
3049	HEC	Dr. Arslan Usman	Physics	Lahore	Development of 2D semiconductor-based quantum emitters for optoelectronic application	In Process
3050	HEC	Dr. Mustansara Yaqub	IRCBM	Lahore	Fabrication of Portable, Highly sensitive and cost-effective sensor for monitoring of antimicrobial drug residues in food stuff: a global threat to public health	In Process
3051	HEC	Dr Muhammad Yaqoob Javed	Electrical and computer engineering department	Lahore	Battery management system for electric vehicles	In Process
3052	HEC	Dr. Imran Zulfiqar Cheema	Mathematics	Lahore	Metric Dimension of the Various Chemical Structures	In Process
3053	HEC	Dr. Muhammad Younas	Mathematics	Lahore	Slip and Inetial Effects on Viscous Flow Through a Uniform Porous Tube with Linear and Exponential Reabsorption	In Process
3054	HEC	Dr. Atiq ur Rehman	Mathematics	Lahore	Consensus Based Multi-criteria Group Decision Making using AHP Structure with Incomplete Hesitant Fuzzy Preference Relations	In Process
3055	HEC	Dr. Shahzada Qamar Hussain	Physics	Lahore	Development of Flexible and Environmentally Safe Natural Fiber based Paper Films for Perovskite Solar Cell Applications	In Process
3056	HEC	Dr. Muhammad Afzal Siddiqui	Mathematics	Lahore	Some Resolving Parameters of Simple Connected Graphs and their Applictons	In Process
3057	HEC	Dr. Saeed Ur Rahman	Interdisciplinary Research Centre in Biomedical Materials (IRCBM)	Lahore	Harnessing of Spatial and Temporal Nanofibrous Smart-Scaffold for Bone Regeneration using In-vitro and In-vivo Model Systems	In Process
3058	HEC	Dr. Muhammad Asad Meraj	Mathematics	Sahiwal	Identifying Fundamental Risk Factors of Hepatitis C: A Study of District Sahiwal	In Process
3059	HEC	Dr. Tahir Ali Akbar	Civil Engineering	Abbottabad	Multi Hazard Vulnerability Risk Assessment for KPK Districts	In Process
3060	HEC	Dr. Kanwal Rashid	Chemistry	Lahore	Fabrication of DES and DES@silica based hydrophobic membrane for the removal of heavy metals from aqueous solution	In Process
3061	HEC	Dr. Ishrat Sultana	Physics	Lahore	Lignocelluloses Fibers based Flexible and High Absorbing Metal Oxide Photoanodes for Hybrid Energy Storage/Conversion Applications for Development of Smart Windows to Reduce Electricity Cost	In Process
3062	HEC	Mian Ahmed Yaser	Electrical and Computer Engineering	Lahore	Design and Development of Electric Vehicle, powered with 3 phase Induction motor, parameter monitored over IoT, vehicle tracked and secured using GPS and cellular network	In Process
3063	HEC	Dr. Muhammad Javid Iqbal	Chemistry	Lahore	Analysis and Differentiation of Bovine and Porcine Gelatin Sources in Commercial Products for Halal authentication.	In Process

3064	HEC	Dr. Waheed Akhter	Management Sciences	Lahore	Shari'ah Governance and Risk Management in Islamic Banking: A Theoretical and Empirical Analysis	In Process
3065	HEC	Syed Muhammad Imran Hassan	Chemical Engineering	Lahore	Development of Flexible Polymer-Carbon nanotubes based pressure sensors with wide sensing ranges	In Process
3066	HEC	Asia Nosheen	Biosciences	Islamabad	Biodiesel production from non-edible indigenous resources of Pakistan cascading towards bioenergy system	In Process
3067	HEC	Dr. M. Tayyab Ch	Computer Science	Lahore	Industry 4.0 Automation as a Service	In Process
3068	HEC	Sadia Khalid	Mathematics	Lahore	Some Interesting Identities, Refined And Generalized Inequalities And New Bounds via Interpolating Polynomials	In Process
3069	HEC	Dr. Musferah Mehfooz	Humanities	Lahore	Impact of Exposure To Community Violence on Pakistani Youth: Sufism as a Psychotherapy	In Process
3070	HEC	Dr. M. Shahid Nazir	Chemistry	Lahore	Cellulose Encapsulation of Pesticides Reduce the Cost and Toxicity to Environment in Pakistan	In Process
3071	HEC	Dr Khalid Rauf	Pharmacy	Abbottabad	Behavioral and Neurochemical profiling of selected Phytochemicals in animal model of drug addiction	In Process
3072	HEC	Dr. Muhammad Arfat Yameen	Pharmacy	Abbottabad	Aptamer guided-indocyanine green loaded chitosan magnetic nanoparticles for selective antileishmanial activity with near infrared radiations	In Process
3073	HEC	Dr. Jamshed Iqbal	Center for Advanced Drug Research	Abbottabad	DesignSynthesis and Biological Evaluation of Antagonists of Purinergic Receptors(p2x and P2y)	In Process
3074	HEC	Muhammad Junaid Amjad	Physics	Lahore	Design and analysis of multilayer 2D devices using DFT simulation	In Process
3075	HEC	Muhammad Kamran Siddiqui	Mathematics	Lahore	On Topological indices of Molecular Graphs	In Process
3076	HEC	Dr. Nawshad Muhammad	IRCBM	Lahore	Harnessing of sheep wool keratin using Ionic liquid assisted probs sonication for development of GTR dental.	In Process
3077	HEC	Dr Khaliq Majeed	Chemical Engineering	Lahore	Development of Graphene/Graphite oxide reinforced Natural Fiber filled Phenolic Resin Nano-composites for High Performance Automotive Applications	In Process
3078	HEC	Dr Saeed Ehsan Awan	Electrical & Computer Engineering	Attock	DYNAMICS Of Hybrid Nanomaterials	In Process
3079	HEC	Dr.Waheed Akhtar	CIF	Lahore	The role of entrepreneurship in poverty allevation in vontext of china Pakistan Economics Corridor(CPEC)- A study of SME Sector of Pakistan	In Process
3080	HEC	Dr.Zulfiqar Habib	Computer Science	Lahore	Edge Computing enable Smart Monitoring and Governance System for CPEC- Gwadar Maritime Complex	In Process
3081	HEC	Prof Dr.Sohail Asghar	Computer Science	Islamabad	Artificial Intelligence enable PACS	In Process
3082	HEC	Dr.Muhammad Shakeel Aslam	Manament Saciences	Lahore	A comprehensive Examination of the Socio-economic Impact of knowledge Transmission through CPEC projects in Pakistan	In Process

3083	HEC	Dr.Zulfiqar Ahmad Bhatti	Env-Sciences	Abbottabad	Pilot Scale unitank system for confectionary industry wastewater Treatment	In Process
3084	HEC	Dr.Shamyla Nawazish	Env-Sciences	Abbottabad	Cost Effective and greenn Nanoparticales based removal efficiency of air emissions at Hattar Industryial Units KPK	In Process
3085	HEC	Dr.Ramla Shahid	Biosciences	Islamabad	Towards a Digital Twin	In Process
3086	HEC	Dr.Sobia Tabassum	IRCBM	Lahore	Innovative technology for periodontits -3D assesment of regenrative and antibectrial thermiosensitive hydri gels for cost effective treatment	In Process
3087	HEC	Dr.Shumaila Karamt	Physics	Islamabad	Silicon and 2-D based anodes for efficient Li-ion Batteries in electrical vehicles	In Process
3088	HEC	Dr.Aadil Raza	Physics	Islamabad	Security of long distance sensitive areas and international Borders with Distributed Optio cal Fiber Sensing	In Process
3089	HEC	Dr.Amir Rashid Chaudhary	ECE	Islamabad	Autonomous non-Invasive Glucometer with Eye & Bones Disease Detector	In Process
3090	HEC	Dr.Junaid Ahmad	ECE	Islamabad	Online Wholesale Markeplace for Natural Honey	In Process
3091	HEC	Dr.AbdulJabbar Shah	Pharmacy	Abbottabad	pharmacological discovery of Herbal Drugs and Active Consituents as Potential Candidates for Managing Hypertension	In Process
3092	HEC	Dr. Sami ullah Khan	Mathematics	Sahiwal	Bio-convective transport of nanofluids with thermal engineering and bio-technological application	In Process
3093	HEC	Raja Muhammad Ibrahim	Library	Islamabad	Institutional Strengthening/Upgradation of Library-Purchasing of Equipments and Books	In Process
3094	HEC	Dr. Muhammad Intizar Ali,	Computer Science	Lahore	Optimizing Data Integration Queries over Heterogeneous Web Data Services (OPTIQ)	In Process
3095	HEC	Dr. Muhammad Khurram Bhatti	Electrical engineering	Lahore	Development of scheduling-based techniques for power, energy, temperature optimization in multiprocessor homogeneous systems	In Process
3096	HEC	Dr. Babar Nazir	Computer Science	Abbottabad	Dynamic connectivity restoration protocol for wireless sensor and actuator networks	In Process
3097	HEC	Dr. Huma Aslam Buatti	Chemistry	Abbottabad	Isolation and structural elucidation of ethanol extract of ocimum basilicum and centella asiatica and studies on its bio-pharacological activities	In Process
3098	HEC	Dr. Ramla Shahid	IRCBM	Lahore	Invitro biocompatibility studies of biomaterials	In Process
3099	HEC	Dr. Umer Farooq	Electrical Engineering	Lahore	Development of radiation pattern synthesis and optimization tool for antenn arrays of arbitrary geometries	In Process
3100	HEC	Dr. Fiaz Alam	Pharmaceutical Sciences	Abbottabad	Bioactivity guided isolation of anti-cancer compounds form important medicinal plants	In Process
3101	HEC	Dr. Ghulam Murtaza	Pharmaceutical Sciences	Abbottabad	Fabrication and analysis of docetaxel-loaded thermo sensitive liquid suppository	In Process
3102	HEC	Dr. Asma Tufail Shah	IRCBM	Lahore	Synthesis of third generation silica-based biomedical material for accelerated b one mineralization	In Process
3103	HEC	Dr. Afzal Ahmed	Mechanical Engineering	Sahiwal	Development of Air Car and Aerodynamic Testing	In Process

3104	HEC	Dr. Muhammad Irshad	Environmental Sciences	Abbottabad	Phosphorus transformations during co-composting of poultry litter with green waste under Aerobic conditions	In Process
3105	HEC	Dr. Zahid Ali	Biosciences	Islamabad	Genetic improvement of chickpea (cicer arietinum L) for salt stress tolerance using dicistronic binary vector system-A forward genetic approach	In Process
3106	HEC	Dr. Javeed Akhtar	Physics	Islamabad	Fabrication of Low Cost High Efficiency Semiconductor Nanoporous	In Process
3107	HEC	Dr. Mustafa Nawaz Shafaqat	Biosciences	Islamabad	Influence of regional dust on biogeochemistry of arsenic in the temperate forest soils	In Process
3108	HEC	Dr. Abdul Sattar abbasi	Management Sciences	Lahore	Research ethics board: need and importance	In Process
3109	HEC	Dr. Talat Afza	Management Sciences	Lahore	Exploring and Classifying Indicators for Sustainable Socio-economic Development through the Intensification of women in Pakistan	In Process
3110	HEC	Dr. Abdus Sattar Abbasi	Management Sciences	Lahore	Ensuring Human Rights and Cultural Diversity: The Role of Media and Civil Society in Pakistan	In Process
3111	HEC & French Embassy	Dr Amara Mumtaz	Chemistry	Abbottabad	Application for Hec & French Embassy Jointly Funded Post Doctoral Scholarship	In Process
3112	HEC (I S U L)	Dr. Babar Nazir	Computer Science	Abbottabad	Establishment of Wireless Network Research Laboratory in Computer Science Department	In Process
3113	HEC (IRSIP)	Mr. Muhammad Latif	Meteorology	Islamabad	Dynamic of South-Asian Summer monsoon System and Climate change with Special focus on Pakistan	In Process
3114	HEC (The Association of Commonwealth Universities)	Dr. Saleem Ahmed Shah Bokhari	Biosciences	Islamabad	Post Doctoral Fellowship Program	In Process
3115	HEC KPK	Dr. Naseer Ali Shah	Biosciences	Islamabad	Anti-HCV activity evaluation of medicinal plants used in different region of Khyber Pakhtunkhwa against hepatitis	In process
3116	HEC KPK	Dr. Abid Ali Khan	Biosciences	Islamabad	Loaded nano-spheres to pull the brakes on fast& furious multidrug resistant superbugs of KPK	In process
3117	HEC KPK	Dr. Farhan Haq	Biosciences	Islamabad	Genomic portrait of hepatocellular carcinoma in Pakistan	In process
3118	Higher Education Commission	Dr. Muhammad Asif Rasheed	Biosciences	Sahiwal	Extensive study of multidrug resistant and extensively drug resistant Salmonella to overcome the problem of antibiotics resistance and decrease production in commercial poultry	In Process
3119	Higher Education Commission	Dr. Syed Junaid Nawaz	Electrical & Computer Engineering	Islamabad	Affordable Ophthalmic Healthcare Solution for Pakistan (AOHSP)	In Process
3120	Higher Education Commission	Dr. Waheed Akhtar	Manament Saciasences	Lahore	The role of entrepreneurship in poverty allevation in vontext of china Pakistan Economics Corridor(CPEC)- A study of SME Sector of Pakistan	In Process
3121	Higher Education Commission	Prof.Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Development of GPR120 Agonist-A Drug to Promote Insulin Secretion and Improves chronic Inflatnion	In Process
3122	Higher Education Commission	Dr. Zulfiqar Habib	Computer Science	Lahore	Edge Computing enable Smart Monitoring and Governance System for CPEC- Gwadar Maritime Complex	In Process
3123	Higher Education Commission	Prof Dr.Sohail Asghar	Computer Science	Islamabad	Artificial Intelligence enable PACS	In Process

3124	Higher Education Commission	Dr. Muhammad Shakeel Aslam	Manament Saciences	Lahore	A comprehensive Examination of the Socio-economic Impact of knowledge Transmission through CPEC projects in Pakistan	In Process
3125	Higher Education Commission	Dr. Zulfiqar Ahmad Bhatti	Env-Sciences	Abbottabad	Pilot Scale unitank system for confectionary industry wastewater Treatment	In Process
3126	Higher Education Commission	Dr. Shamyla Nawazish	Env-Sciences	Abbottabad	Cost Effective and greenn Nanoparticales based removal efficiency of air emissions at Hattar Industryial Units KPK	In Process
3127	Higher Education Commission	Dr. Ramla Shahid	Biosciences	Islamabad	Towards a Digital Twin	In Process
3128	Higher Education Commission	Dr. Sobia Tabassum	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Innovative technology for periodontits -3D assesment of regenrative and antibectrial thermiosensitive hydri gels for cost effective treatment	In Process
3129	Higher Education Commission	Dr. Shumaila Karamt	Physics	Islamabad	Silicon and 2-D based anodes for efficient Li-ion Batteries in electrical vehicles	In Process
3130	Higher Education Commission	Dr. Aadil Raza	Physics	Islamabad	Security of long distance sensitive areas and international Borders with Distributed Optio cal Fiber Sensing	In Process
3131	Higher Education Commission	Dr. Amir Rashid Chaudhary	Electrical & Computer Engineering	Islamabad	Autonomous non-Invasive Glucometer with Eye & Bones Disease Detector	In Process
3132	Higher Education Commission	Dr. Junaid Ahmad	Electrical & Computer Engineering	Islamabad	Online Wholesale Markeplace for Natural Honey	In Process
3133	Higher Education Commission	Dr. Sami ullah Khan	Mathematics	Sahiwal	Bio-convective transport of nanofluids with thermal engineering and bio-technological application	In Process
3134	Higher Education Commission	Zoha Zahra	Physics	Islamabad	Access to Scientific Instrumentation Program	In Process
3135	Higher Education Commission	Dr. Farha Masood	Bio-Sciences	Islamabad	Development and commercialzation of multifuntional adhesive dressings for management of chorinc wounds in diabetic patients	In Process
3136	Higher Education Commission	Dr. Amir Rashid Chaudhary	Electrical & Computer Engineering	Islamabad	IoT based Smart Domestic Electricity Meter	In Process
3137	Higher Education Commission	Dr.Muhammad Azeem	Chemistry	Abbottabad	Access to Scientific Instrumentation Program	In Process
3138	Higher Education Commission	Dr. Shahid Khattak	Electrical & Computer Engineering	Abbottabad	AI driven energy efficiency improvement in high density mobile networks	In Process
3139	Higher Education Commission	Dr. Ghazanfar Abbas	Physics	Lahore	Fuel Flexible thin film development of anostructured Material for Low Temperature Ceramic ful cells (CeFCs)	In Process
3140	Higher Education Commission	Fakhira Bashir	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Access to Scientific Instrumentation	In Process
3141	Higher Education Commission	Yasir Abbas	Physics	Islamabad	Access to Scientific Instrumentation	In Process

3142	Higher Education Commission	Dr. Muhammad Sajjad	Biosciences	Islamabad	Reviving barley crop to meet domestic needs and export potential by improving export-production ratios in Pakistan	In Process
3143	Higher Education Commission	Dr. Fakhar Abbas	Computer Science	Islamabad	The Internet of things (IOTs), 5G Communication Automobile Research and Inventions for Connected and Autonomous Vehicles	In Process
3144	Higher Education Commission	Dr . Shumaila Karamat	Physics	Islamabad	Functional materials for energy conversion and storage devices: A platform for clean energy research under CPEC-CRG	In Process
3145	Higher Education Commission	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Development of RNA-Seq-Based identification marker and antibiotic resistance of Vibrio cholera a potentially life-threatening epidemics in Pakistan and china	In Process
3146	Higher Education Commission	Dr. Muhammad Imran Shahad	Meteorology	Islamabad	The School Weather and Air Quality (SWAQ)- Development a low-cost citizen centered urban network for air quality and weather sensors monitoring urban air quality in Pakistan	In Process
3147	Higher Education Commission	Dr. Muhammad Imran Shahad	Meteorology	Islamabad	Intelligent fleet Management System	In Process
3148	Higher Education Commission	Dr. Sobia Dilpazir	Chemistry	Islamabad	Polydopamine-Encapsulated Metal- Organic Framework for the Removal of Multiple Toxic Metals and Antibiotic Residues from Environmental Water	In Process
3149	Higher Education Commission	Dr. Amir Rashid Chaudhary	Electrical & Computer Engineering	Islamabad	IOT-Based Domestic/Commercial Smart Electricity Meter	In Process
3150	Higher Education Commission	Dr. Tahir Mumtaz	China Study Centre	Islamabad	Sustainable innovative Technology for E- waste Management in Pakistan	In Process
3151	Higher Education Commission	Dr. Jabir Hussain Syed	Meteorology	Islamabad	Indigenous Designing and Development of low Cost and High Precision Air Quality Monitoring System	In Process
3152	Higher Education Commission	Dr. Muhammad Umar Khan	Center for Advanced Studies in Telecommunication	Islamabad	Design and Development of IOT- Based Digital Twin for Hazard Management	In Process
3153	Higher Education Commission	Dr. Muhammad Naeem Shehzad	Electrical & Computer Engineering	Lahore	IoT-Based automation of Agricultural and WASA Rube Wells in Lahore Pakistan	In Process
3154	Horizon	Prof .Dr.Zulfiqar Habib	Faculty on Information Science	Lahore	Enhancing character animation by fusing new geometric skinning,ODE-based deformation, and machine learning	In Process
3155	Horizon 2022	Prof .Dr. Zulfiqar Habib	Faculty on Information Sciences & Technology	Lahore	Enhancing character animation by fusing new geometric skinning,ODE-based deformation, and machine learning	In Process
3156	ICGEB (International Centre for Genetic Engineering and Biotechnology)	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	Development of salt tolerance in rice (oryza sativa) by Co-overexpression of candidate salt tolerant genes	In Process
3157	IFS	Dr. Rafiq Ahmad	Environmental Sciences	Abbottabad	Monitoring ozone pollution and investigating impact on wheat crop in Pakistan	In Process
3158	IFS	Dr. Sabaz Ali Khan	Environmental Sciences	Abbottabad	Identification and characterization of salt resistant genes in Pea (pisum sativum) crop	In Process

3159	IFS	Dr. Adnan Ahmed Tahir	Environmental Sciences	Abbottabad	Cryosphere investigation and hydrological modelling of upper Indus and Jhelum river basins (Pakistan) under future climate change using field observations and remote sensing data	In Process
3160	IFS	Dr. Fariha Rehman	Environmental Sciences	Vehari	Analysis of the farmer field school (FFS) as an extension approach to enhance the agricultural productivity in Punjab, Pakistan: a special reference to fruit and vegetable development project (FVDP)	In Process
3161	IFS	Dr. Rumana Keyani	Biosciences	Islamabad	Novel Members of the Thioredoxin Superfamily Regulate Plant Immune Responses in tomato	In Process
3162	IFS	Dr. Muhammad Tahir	Environmental Sciences	Vehari	Bioremediation of heavy metals present in sewage waste, industrial effluents and agricultural soil through bacterial action	In Process
3163	IFS	Dr. Mubarak Ali Khan	Environmental Sciences	Abbottabad	Synseed production from <i>Ajuga bracteosa</i> wall. Ex. Benth, a high valued endangered medicinal plant	In Process
3164	IFS	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Heavy metal assessment in drinking water in Southern-Punjab Pakistan	In Process
3165	IFS	Dr. Rabia Naz	Biosciences	Islamabad	Effect of botanical formulations in biocontrol of fungal disease in tomato	In Process
3166	IFS	Dr. Saddaf Rashid	Environmental Sciences	Abbottabad	Evaluation of antimicrobial potential of green synthesized Ag-nanoparticles and defense proteins of two important medicinal plants of Pakistan	In Process
3167	IFS	Dr. Abdul Rehman Khan	Environmental Sciences	Abbottabad	Investigation of epigenetic mechanisms responsible for regulation of <i>ZmASR1</i> , a drought tolerance gene, for its implications in crop improvement	In Process
3168	IFS	Dr. Sidra Rehman	Environmental Sciences	Abbottabad	Chemoprevention effect of selected plants species of fabaceae and asteraceae families against hepatocellular carcinoma in animal model	In Process
3169	IFS	Dr. Abid Ali Khan	Biosciences	Islamabad	Aquatic nanocomposites of Pakistan	In Process
3170	IFS	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Ensuring food security by growing quinoa (<i>Chenopodium quinoa</i> Willd.) on marginal lands in Pakistan	In Process
3171	IFS	Dr. Muhammad Amjad	Environmental Sciences	Vehari	Smart use of potassium for reducing NH_4^+ toxicity and salt stress in a glycophyte (tomato) and a halophyte (quinoa) crop species	In Process
3172	IFS	Dr. Sabaz Ali Khan	Environmental Sciences	Abbottabad	Identification and characterization of salt resistance genes in Pea (<i>Pisum sativum</i> L) crop	In Process
3173	IFS	Dr. Sundus Javed	Biosciences	Islamabad	Study on virulence potential, antibiotic and arsenic resistance of zoonotic pathogen <i>Helicobacter pullorum</i> from poultry isolates	In Process
3174	IFS	Dr. Behzad Murtaza	Environmental Sciences	Vehari	In vitro evaluation of heavy metal-induced toxicity to living organisms	In Process
3175	IFS	Dr. Haroon Ahmed	Biosciences	Islamabad	Echinococcosis a neglected tropical disease in Pakistan: characterization and diagnosis	In Process

3176	IFS	Dr. Pasha Ghazal	Biosciences	Islamabad	Molecular and genetic analysis of neuropeptide Y in three different cohorts of obese school aged Pakistani children of rural areas	In Process
3177	IFS	Dr. Nazish Bostan	Biosciences	Islamabad	Use of Raman spectroscopy for detection of enteric viruses from water sources	In Process
3178	IFS	Dr. Asia Nosheen	Biosciences	Islamabad	Biodiesel production and quality evaluation ofro practical implication from non-edible oil seed crops of Pakistan	In Process
3179	IFS	Dr. Zahra Jabeen	Biosciences	Islamabad	Hydrogen sulfide stimulate systemic tolerance inwheat (triticum astivum L.) by regulating oxidative metabolism and transcriptional regulation under salt stress	In Process
3180	IFS	Dr. Asghar Shabbir	Biosciences	Islamabad	Effects of thymoquinone and p-cymene molecules of Nigella sativa on oligodendrocyte regeneration	In Process
3181	IFS	Dr. Kifayat Ullah	Biosciences	Islamabad	Assessing the potential of algal biodiesel to petro-diesel and its compatibility for clean land	In Process
3182	IFS	Dr. Neelam Akram	Biosciences	Islamabad	Quest for fitness elements that might contribute to vibrio cholera survival in the aquatic environments	In Process
3183	IFS	Dr. Naseer Ali Shah	Biosciences	Islamabad	Evaluation of ethnomedicinally reported immuno stimulatory plants of Pakistan for antileishmanial activity	In Process
3184	IFS	Dr. Humira Yasmin	Biosciences	Islamabad	Drought stress mitigation of flax (Linum Usitatissimum) by application of biocontrol agents	In Process
3185	IFS	Dr. Muhammad Kaleem Ullah	Physics	Lahore	Direct liquid fuel cell (DLFCs): micro-structural and electrochemical analysis/ studies	In Process
3186	IFS	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Chemical composition, anti-hypertensive and anti-spasmodic activities of essential oil extracted from the selected species of rutaceae and rosaceae family	In Process
3187	IFS	Dr. Amjad Farooq	Environmental Sciences	Vehari	Mass propagation and promotion of Rosa centifolia as non-traditional high value crop to improve the socio-economic status of small farmers in Pakistan	In Process
3188	IFS	Dr. Muhammd Zakir Ali	Environmental Sciences	Vehari	Role of plant growth promoting Rhizobacterias inheavy metal uptake and insect resistance in vegetable crops	In Process
3189	IFS	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	Phytostablization of heavy metals contaminated soils using biochar and biogas residues	In Process
3190	IFS	Dr. Muhammad Azeem	Chemistry	Abbottabad	Bioactive molecules from the flora of Pakistan for the control of dengue mosquito aedes aegypti	In process
3191	IFS	Dr.Sadia Sattar	Biosciences	Islamabad	To evaluate the zoonotic potential of poultry MDR E Coil strain and test efficacy of bacteriophages for treatment of biofilms on solid surface to reduces the risk spread	In Process
3192	IGC International Growth Centre London	Dr. Malik Ikramullah	Management Sciences	Islamabad	Towards effectiveness of performance appraisal system for civil servants in Pakistan	In Process
3193	Ignite	Dr. Nazish Bostan	Biosciences	Islamabad	OMICS of FMDV and its control measures using NGS as problem solution from Pakistan	In Process
3194	Ignite	Dr. Aamira Tariq	Biosciences	Islamabad	Non-coding RNA based breast cancer detection	In Process
3195	Ignite	Dr. Aamira Tariq	Biosciences	Islamabad	Ironup:Maternal guideline for IDA	In Process

3196	Ignite	Dr. Shumaila Javed	Mathematics	Islamabad	Noval fractional and machine learning models for treating infertile women using ICT	In Process
3197	Ignite	Dr. Shumaila Javed	Mathematics	Islamabad	Fraud Detection using Machine Learning Algorithms	In Process
3198	Ignite	Dr. Zobia Noreen	Biosciences	Islamabad	AquaThar-Monitoring based AI App. For safe water	In Process
3199	Ignite	Dr. Sundus Javed	Biosciences	Islamabad	F.A.A.R.M: Farmer assisted AMR monitoring	In Process
3200	Ignite	Dr. Farah Masood	Biosciences	Islamabad	Multifunctional wearable sensors based on nanocomposite hydrogels for management of chronic wounds in diabetic patients	In Process
3201	Ignite	Dr. Muhammad Khan	Economics	Lahore	Testing the smart meter feedback to save energy	In Process
3202	Ignite	Dr. Muhammad Khalil Afzal	Computer Science	Wah	Early Alert Framework for Dengue Fever	In Process
3203	Ignite	Dr. Sohail Asghar	Computer Science	Islamabad	Digital Diagnostic Lab	In Process
3204	Ignite	Dr. Mudassar	Computer Science	Wah	Artificial Intelligence -based automated system to monitor and tackle street crimes in Pakistan using machine learning.A quick response aid stratage	In Process
3205	Ignite	Dr. Ghufraan Shafiq	Electrical & Computer Engineering	Islamabad	Wrist-Worn Negative Emotion Detection and Intervention Platform	In Process
3206	Ignite	Dr. Muhammad Awais Javed	Electrical & Computer Engineering	Islamabad	AI and Big Data Analytics driven Website Defacement Platform	In Process
3207	Ignite	Dr. Saud Naqvi	Electrical & Computer Engineering	Islamabad	An AL-Based Mobile Platform for Real- Time Multiple Eye Disease Prognosis	In Process
3208	Ignite	Dr. Shumaila Karamat	Physics	Islamabad	Boosting of Hydrogen Evolution in 2D Meterials for Future Sustainable Energy	In Process
3209	Ignite	Dr. Muhammad Sharif	Computer Science	Wah	Breast Cancer portable diagnostic system for rapid on site testing	In Process
3210	Ignite	Dr. Rehan Ahmed	Meteorology	Islamabad	Estimation of Frequency and level of intensity of extreme events of precipitation and temperature over Pakistan in changing climate	In Process
3211	Ignite	Dr. Kalim Ullah	Meteorology	Islamabad	Assessment of heatwaves and its impact on drought severity in Pakistan	In Process
3212	Ignite national Technology	Dr. M. Mohsin Riaz	CAST	Islamabad	Development of 3D software for documenting archaeological sites and historical building in Pakistan	In Process
3213	Ignite national Technology	Dr. Ghulam Rasool	Computer Science	Lahore	A semi automatic meter reading based on image processing	In Process
3214	Ignite national Technology	Dr. Adnan Iftikhar	Electrical Engineering	Islamabad	Move and charge: harvesting energy from human body motion	In Process
3215	Innovation Development Fund Program (Punjab)	Dr. Wajid Nasim	Environmental Sciences	Vehari	PV Solar power-a Model demonstration at COMSATS (Vehari Campus) to mitigate the impact of climate change	In Process
3216	Innovation Development Fund Program (Punjab)	Dr. Abrar Hussain	Biosciences	Sahiwal	Use of Biochar for improving group productivity and carbon sequestration	In Process
3217	Innovation Development Fund Program (Punjab)	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Biogas Production from solid waste and crop drip irrigation: A combined Model project	In Process
3218	Innovation Development Fund Program (Punjab)	Dr. Amjad Farooq	Computer Science	Sahiwal	Agrascaler_design and development of computerized system for detection and assessment of fruitfully attack	In Process

3219	Innovation Development Fund Program (Punjab)	Dr. Hassan Abbas	Civil Engineering	Wah	High Efficiency sub-irrigation at farm scale	In Process
3220	Innovation Development Fund Program (Punjab)	Dr. Zulfiqar Ahmad Bhatti	Environmental Sciences	Abbottabad	Cost effective juice processing with improved water quality	In Process
3221	Innovation Development Fund Program (Punjab)	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Remote sensing of snow and glacier cover and snowmelt-runoff modeling key for water resources management in the Indus Basin (Tarbela) under climate change	In Process
3222	Innovation Development Fund Program (Punjab)	Dr. Nisar-Ur-Rehman	Pharmaceutical Sciences	Abbottabad	Center of excellence for analysis of pharmaceuticals	In Process
3223	Innovation Development Fund Program (Punjab)	Ms. Umera Imtinan	Computer Science	Lahore	Mobilize Pakistan-A Mobile learning initiative for Pakistani university environments	In Process
3224	Innovation Development Fund Program (Punjab)	Dr. Imran Ali	Management Sciences	Lahore	Engaging media to streamline maternal and newborn health (MNH) care in Kasur	In Process
3225	Innovation Development Fund Program (Punjab)	Dr. Muhammad Nadeem Bokhari	Management Sciences	Abbottabad	Animal powered turbine driving system	In Process
3226	Innovation Development Fund Program (Punjab)	Dr. Ghulam Mujtaba	Electrical Engineering	Abbottabad	Machine learning based classification of rice	In Process
3227	Innovation Development Fund Program (Punjab)	Dr. Aqif Anwar Ch.	IRCBM	Lahore	Pilot scale development of clean bone fillers for improved orthopedic health	In Process
3228	Innovation Development Fund Program (Punjab)	Dr. Abdul Samad Khan	IRCBM	Lahore	Synthesis of a novel indigenous dental restorative material	In Process
3229	Innovation Development Fund Program (Punjab)	Dr. Rashid Amin	IRCBM	Lahore	Biodegradable bandages for burn patients assisting in auto grafting	In Process
3230	Innovation Development Fund Program (Punjab)	Dr. Saleem Ahmed Shah Bokhari	Biosciences	Islamabad	An Evaluation of socio-economic and environmental impact of utilizing biogas in a selected rural area of Jhelum	In Process
3231	Intellectual Property Organization	Dr. Amir Rashid Chaudhary	Electrical Engineering	Islamabad	1)Smart Home 2) Thoughts can shout. 3)Smart wheel chair.4)Intelligent memory system. 5) Life enhancement system	In Process
3232	Intellectual Property Organization	Dr. Farha Masood	Biosciences	Islamabad	Green packaging materials (KIPA)	In Process
3233	International Foundation for Science	Dr. Maryam Mehmood	Biosciences	Islamabad	Molecular elucidation of sesame (sesamum indicum) proteome in response to drought by itraq	In Process
3234	International Foundation for Science	Dr. Asghar Shabbir	Biosciences	Islamabad	Assessment of oligodendrocyte regenerative potential of honey in cell culture and animal model of multiple sclerosis.	In Process
3235	International Foundation for Science	Dr. Sadia Sattar	Biosciences	Islamabad	The test the therapeutic potential of lytic bacteriophages for cure of multiple drug resistant pathogenic e coli strains of poultry origin as an alternative to antibiotics	In Process
3236	International Foundation for Science	Dr. Irum Shahzadi	Environmental Sciences	Abbottabad	Anticancer potential of plant pigments (anthocyanins)from purple mint (perilla frutescens)	In Process
3237	International Foundation for Science	Dr. Nazish Bostan	Biosciences	Islamabad	Development of point of care test (indigenous dipstick based diagnostic kit) for the detection of foot and mouth disease virus	In Process

3238	Intenational Foundation for Science	Dr. Ayesha Tahir	Biosciences	Islamabad	Genome wide association study for multiple stress resistance in wheat	In Process
3239	Intenational Foundation for Science	Dr. Rumana Keyani	Biosciences	Islamabad	Exploitation of antioxidant enzymes to augment oxidative stress tolerance in wheat	In Process
3240	Intenational Foundation for Science	Dr. Huumaira Yasmin	Biosciences	Islamabad	Assessment of bacteriocin producing microbial community: a step to increase the consistency of bioinoculants" under IFS	In Process
3241	Intenational Foundation for Science	Dr. Rabia Naz	Biosciences	Islamabad	Development of biofungicide against fungal diseases of maize as possible substitute to synthetic fungicide	In Process
3242	Intenational Foundation for Science	Dr. Zeahra Jabeen	Biosciences	Islamabad	Hydrogen sulfide mediated regulation of oxidative metabolic determinants to confer salt tolerance in wheat(Triticum astivumL)	In Process
3243	Intenational Foundation for Science	Dr. Asia Nosheen	Biosciences	Islamabad	Potential metabolites and nutritional fortification of traditional wild and cultivated food crops inrural mountains of Gilgit-Baltistan and various other areas of country	In Process
3244	Intenational Foundation for Science	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Exploring the rhizobacterial mediated root exudate dynamics of oil seed crops to enhance their sustainable utilization in agriculture	In Process
3245	Intenational Foundation for Science	Dr. Amara Mumtaz	Chemistry	Abbottabad	Synthesis of the derivatives of Xanthohumol and its analogues: A step towards the development of natural products based new anticancer theranostics	In Process
3246	Intenational Foundation for Science	Dr. Aneela Malik	Chemistry	Abbottabad	Synthesis spectral analysis and molecular docking studies of new 1,2,4-oxadiazole based scaffolds related to natural products as antileishmanial agents	In Process
3247	Internanional Center for Genetic Engineering and Biotechnology, Italy	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Monitoring the clinical and environmental antimicrobial resistance (AMR) for public awareness via establishing a digitized AMR dashboard	In Process
3248	Internanional Center for Genetic Engineering and Biotechnology, Italy	Dr. Muhammad Ali	Environmental Sciences	Abbottabad	Fostering an effective plant based therapeutic strategy against staphylococcus aureus mediatedde type 11 diabetes mellitus	In Process
3249	Internation Foundation for Science	Dr. Sadia Sattar	Biosciences	Islamabad	To test the potential of lytic bacteriophages for treatment/ preventionof pathogenic E Coli individual and plymicrobial biofilms invitro	In Process
3250	International Center Genetic Engineering and Biotechnology	Dr. Madiha Saeed	IRCBM CUI, Lahore	Lahore	Engineering Bioresorbable Stimli-responsive Nanomedicine as a Robotic Immune Amplifier Synergistic Immunotherapy of Breast Cancer	In Process
3251	International Food Policy Research Institute	Dr Mansoor Ahmad	Management Sciences	Islamabad	Research Agreement No. 2014X348.com (CGP 3 ID No. 520)	In Process
3252	International Foudation for Science(IFS)	Dr. Sadia Sattar	Biosciences	Islamabad	To evaluate the zoonotic potential of poultry MDR E Coil strain and test efficacy of bacteriophages for treatment of biofilms on solid surface to reduces the risk spread	In Process

3253	International foundation for Science	Dr. Abdul Rehman Khan	Environmental Sciences	Abbottabad	Investigation of epigenetic mechanisms responsible for regulation of ZmASRI, a drought tolerance gene, for its implications in crop improvement	In process
3254	International foundation for Science	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	Biochar-biogas residues interaction changes soil microbial activities and cadmium availability in fresh and aged contaminated soils.	In process
3255	International Foundation for Science	Dr. Ayesha Tahir	Biosciences	Islamabad	Genome wide association study for multiple stress resistance in wheat	In Process
3256	International Foundation for Science	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	In situ immobilization of arsenic and lead in contaminated paddy fields Pakistan	In Process
3257	International Foundation for Science	Dr. Kifayat Ullah	Biosciences	Islamabad	Assessing the potential of magnetic nano catalysts CaO - Fe_2O_3 & Ni/SiO_2 in hydrothermal liquefaction using microalgae species <i>Nannochloropsis oceanica</i> . A promising way for liquid biofuel production	In Process
3258	International Foundation for Science	Dr. Ramla Shahid	Biosciences	Islamabad	Molecular epidemiological studies of bovine leukemia virus (BLV) an enzootic pathogen, in Pakistan	In Process
3259	International Foundation for Science	Dr. Rabia Naz	Biosciences	Islamabad	Integrating transgenic and biocontrol approaches to enhance	In Process
3260	International Foundation for Science	Dr. Sajida Batool	Biosciences	Islamabad	Molecular characterization of DNA methyltransferase-1 (DNMT1) in breast cancer	In Process
3261	International Foundation for Science	Dr. Liaqat Ali	Biosciences	Islamabad	Assessment of drinking water quality in Pakistan	In Process
3262	International Foundation for Science	Dr. Humair Shaheen	Biosciences	Islamabad	Isolation and efficacy testing of traditional and complementary herbal compounds, an alternative to harsh chemotherapeutic drugs for treatment of breast cancer	In Process
3263	International Foundation for Science	Dr. Humaira Yasmeen	Biosciences	Islamabad	Improvement of commercial bio fertilizer bio ferti by recruiting drought stress mitigating strains to enhance its efficacy in arid zone agriculture	In Process
3264	International Foundation for Science	Dr. Saadia Nasem	Biosciences	Islamabad	Bacteriophage encapsulation for enhanced phage therapy to control bacterial citrus canker	In Process
3265	International Foundation for Science	Dr. Hamid Ali	Biosciences	Islamabad	Investigating the role of hepatoprotective natural products for the treatment of hepatotoxicity	In Process
3266	International Foundation for Science	Dr. Nazish Bostan	Biosciences	Islamabad	Climate change and seasonal incidence of emerging chikungunya catastrophe in Pakistan	In Process
3267	International Foundation for Science	Dr. Asif Rasheed	Biosciences	Sahiwal	Extensive study of multidrug resistant and extensively drug resistant salmonella to overcome the problem of antibiotics resistance and decrease production in commercial poultry	In Process
3268	International Foundation for Science	Mr. Khan Zahid Ahmad	Biosciences	Abbottabad		In Process
3269	International Foundation for Science	Dr. Muhammad Ali	Biosciences	Abbottabad	Eradicating staphylococcus aureus colonization from mice gut by using punica granatum l. as therapeutic strategy for type ii diabetes mellitus	In Process

3270	International Foundation for Science	Ms. Nudrat Baqri	Biosciences	Islamabad	Molecular epidemiological genetic selection and preventive/therapeutic strategies against bovine leukemia virus (blv) a zoonotic pathogen among Pakistani cattle	In Process
3271	International Foundation for Science	Ms. Nabiha Bahir	Biosciences	Islamabad	Development of a tool kit for breast cancer detection for women in remote area of Pakistan	In Process
3272	International Foundation for Science	Ms. Mehreen Ishfaq	Biosciences	Islamabad	Chemo preventive effect of nutraceuticals natural compounds on breast cancer	In Process
3273	International Foundation for Science	Ms. Rabia Shahbaz	Biosciences	Islamabad	Pneumonia a silent killer in livestock animals alternative therapeutics to treat drug resistant respiratory pathogens	In Process
3274	International Foundation for Science	Ms. Noureen Zafeer	Biosciences	Islamabad	Feed grade nano additives to control and prevent dissemination of zoonotic diseases from poultry	In Process
3275	International Foundation for Science	Dr. Iftikhar Zeb	Biotechnology	Abbottabad	Microaeration of anaerobic digesting the agriculture waste for enhanced biomethanation	In Process
3276	International Foundation for Science (IFS)	Ms. Noureen Zafeer	Biosciences	Islamabad	Feed grade nano additives to control and prevent dissemination of zoonotic diseases from poultry	In Process
3277	International Foundation for Science (IFS)	Dr. Sadia Sattar	Biosciences	Islamabad	To Test the Potential of Lytic Bacteriophages for Treatment/ Prevention of Pathogenic E coli Individual and polymicrobial Biofilms in vitro	In Process
3278	International Growth Center	Dr. Muhammad Irfan Javaid	Management Sciences	Vehari	The Road from Entrepreneur's Training to Entrepreneur's Consultancy	In Process
3279	International Growth Center	Dr. Yasir Tariq Mohmand	Management Sciences	Islamabad	Pakistan's Export Potential with FTA/PTA Partner Countries-A Study to explore Domestic and External Trade Barriers Faced by Exporters	In Process
3280	International Growth Centre	Dr. Muhammad Zahid Iqbal	Management Sciences	Islamabad	Reasons Behind dropout of female students at primary Education level in Gilgit Baltistan (Pakistan)	In Process
3281	ISESCO	Dr. Naseer Ahmad	Environmental Sciences	Abbottabad	Identification and Functional Characterization of Bacteria from Different Geographic Regions in Gilgit Baltistan , Pakistan	In Process
3282	ISESCO	Dr. Raheel Mohyuddin	Mathematics	Islamabad	Nomination form for ISESCO prizes in Sciences and Technology	In Process
3283	ISESCO	Dr. Afsar Khan	Chemistry	Abbottabad	Nomination form for ISESCO prizes in Sciences and Technology	In Process
3284	ISESCO	Dr. Majid Niaz Akhtar	Physics	Lahore	Fabrication of Mynatic Nano-particles for	In Process
3285	ISESCO	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Molecular Diversity and Characterization	In Process
3286	ISESCO	Dr. Abdul Sattar	Physics	Lahore	A novel method of	In Process
3287	ISESCO	Dr. Rezwana Raza	Physics	Lahore	A new energy	In Process
3288	ISESCO	Dr. Tayyaba Yasmin	Biosciences	Islamabad	Expression analysis of heat....	In Process
3289	ISESCO	Dr. Muhammad Shafiq Shahid	Biosciences	Sahiwal	Genetic and biologically	In Process
3290	ISESCO	Dr. Abdul Jabbar Shah	Pharmaceutical Sciences	Abbottabad	Exploring the pharmacological base of selected medicinal plants in gastrointestinal and respiratory disorders using in vivo and in vitro pharmacological parameters	In Process
3291	ISESCO	Dr. Ibrar Hussain	Biosciences	Sahiwal	Gluten protein and its relationship to micro-elements in wheat	In Process

3292	ISESCO	Dr. Qaisar Abbas	Computer Science	Sahiwal	Development of	In Process
3293	ISESCO	Dr. Muhammad Ashraf	Civil Engineering	Abbottabad	Integrated Use of Solid Waste in Mass Concrete	In Process
3294	ISESCO	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Bioassay-guided Isolation and Structure Elucidation of Anti-Angiogenesis Constituents from Piper Longum for the Treatment of Corneal Neovascularisation	In Process
3295	ISESCO	Dr. Ishrat Mahjabeen	Biosciences	Islamabad	Role of microRNA-145 in regulation of metastasis in head and neck Cancer by targeting Magnesium Superxide Dimutase2(SOD2)	In Process
3296	ISESCO	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	Evaluation of developmental and fauncional toxicity induced by chemicals to hematopoietic stem cells and potential mechanisms	In process
3297	ISESCO	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	Evaluation of developmental and functional toxicity induced by chemicals to hematopoietic stem cells and potential mechanisms	In Process
3298	ISESCO	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Assessment of antibiotic resistant genes prevalent in drinking and waste water facilities, role of hygiene and the implications for clinical dissemination	In Process
3299	ISESCO	Dr Farrukh Jamil	Biosciences	Sahiwal	Production of Bio-Plastics from Agricultural Waste	In Process
3300	ISESCO Joint Research Grant Program	Mr. Imran Ali	Management Sciences	Lahore	Personal finance for non-finance students: Assessment and development of personal finance literacy an skills among university students in Pakistan	In Process
3301	ISESCO-COMSTECH	Dr. Amara Mumtaz	Chemistry	Abbottabad	Synthesis Characterization and Biological Assay of Thioureas Imidazole -2 Thiones and their Metal complexes	In Process
3302	ISESCO-COMSTECH	Dr. Romana Khan	Environmental Sciences	Abbottabad	Development of Novel TiO2 Nanotubes based photocatalysts for reduction of carbon dioxide to methane utilizing sunlight	In Process
3303	ISESCO-COMSTECH	Dr. Sarfraz Shafiq	Environmental Sciences	Abbottabad	Identification and characterization of heavy metal ATPass (JMAs) of the Zn/Cd/Pb/Co Subclass in wheat	In Process
3304	ISESCO-COMSTECH	Dr. Tayyab Ashfaq	Civil Engineering	Abbottabad	Wastewater treatment with locally available coal based adsorbents	In Process
3305	ISESCO-COMSTECH	Dr. Farhan Hafeez	Environmental Sciences	Abbottabad	Insight In to the impacts of different soil ecosystems n N cycling processes and their outcomes in lower Himalayas	In Process
3306	ISESCO-COMSTECH	Dr. Muhammad Ashraf Tanoli	Civil Engineering	Abbottabad	Evaluation of different mineral admixtures on the properties of mass concrete	In Process
3307	ISESCO-COMSTECH	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Understanding the climatology, cryosphere and River flow relationship in a snow and glacier fed river basin (Karakoram-Northern Pakistan) using satellite remote sensing-key to Indus river flow management	In Process
3308	ISESCO-COMSTECH	Dr. Aisha Naeem	Biosciences	Islamabad	The effects of neotame and aspartame on gene expression in adipose tissue of obese individuals	In Process
3309	ISESCO-COMSTECH	Dr. Irfan Sadiq	Biosciences	Islamabad	Identification of drought responsive microRNAs in wheat by high throughput sequencing	In Process
3310	ISESCO-COMSTECH	Dr. Saadia Naseem	Biosciences	Islamabad	The occurrence and distribution of papaya ringspot disease in Pakistan and its management strategy	In Process

3311	ISESCO-COMSTECH	Dr. Zahid Ali	Biosciences	Islamabad	Co-expression of atnhx I and AvP I gene using dicistronic vector system for the enhancement of salinity and drought tolerance in transgenic plants	In Process
3312	ISESCO-COMSTECH	Dr. Muhammad Imran	Biosciences	Islamabad	Nano-edible natural antimicrobials to control food-borne infections prevalent in developing countries	In Process
3313	ISESCO-COMSTECH	Dr. Ghulam Abbas	Pharmaceutical Sciences	Abbottabad	Exploring natural antidepressants using behavioral and enzyme linked immunosorbent assays	In Process
3314	ISESCO-COMSTECH	Dr. Nazish Bostan	Biosciences	Islamabad	A baseline study for the detection of hepatitis C virus in intra venous drug abusers from Pakistan	In Process
3315	ISESCO-COMSTECH	Dr. Fayyaz Ahmad Faiz	Humanities	Islamabad	Integrating ICT in teaching sciences in in religious schools in Islamabad	In Process
3316	ISESCO-COMSTECH	Dr. Kiran Munir	Biosciences	Islamabad	Mechanism involved in the biosorption of copper and zine by filamentous fungi	In Process
3317	ISESCO-COMSTECH	Dr. Maleeha Azam	Biosciences	Islamabad	The Eeantics of retinal....	In Process
3318	ISESCO-COMSTECH	Dr. Tayyaba Yasmin	Biosciences	Islamabad	Expression analysis of heat-shock-related genes in local rice cultivars of Pakistan	In Process
3319	ISESCO-COMSTECH	Dr. Afsar Khan	Chemistry	Abbottabad	Photochemical investigation and biological activities of pyres pashia	In Process
3320	ISESCO-COMSTECH	DR. M Zeeshan Hyder,	Biosciences	Islamabad	Use of RNAi to Develop resistance in Banana against Banana Bunchy to virus infection	In Process
3321	ISESCO-COMSTECH	Dr. Jamshed Iqbal	Pharmaceutical Sciences	Abbottabad	Development of nanobioassays for evaluation of autotoxin inhibitors as drugs	In Process
3322	ISESCO-COMSTECH	Dr. Majid Iqbal Khan	Computer Science	Islamabad	Utilizing Long Distance Wifi to Enable ICT Applications (e-health) for Rural Communities)	In Process
3323	ISESCO-COMSTECH	Dr.Raza Ahmad	Environmental Sciences	Abbottabad	Improvement in Sweetpotato (impomoea Batatas L) photosynthetic efficiency via genetic transformation	In Process
3324	ISESCO-COMSTECH	Dr. Syed Habib Bokhari	Biosciences	Islamabad	Development of an integrated system for studying lectin and glycoprotein for rapid detection of pathogens	In Process
3325	ISESCO-COMSTECH	Dr. Umar Farooq	Chemistry	Abbottabad	Photochemical investigation and biological activities of petroselinum crispum & tagetes minuta	In Process
3326	ISESCO-COMSTECH	Dr. Tayyab Ashfaq	Civil Engineering	Abbottabad	Water treatment with plant extracts	In Process
3327	ISESCO-COMSTECH	Dr. Fridullah	Environmental Sciences	Abbottabad	Bioavailability and leachability of heavy metals from long term wastewater irrigated soils supplemented with lake sediment	In Process
3328	ISESCO-COMSTECH	Dr. Nazar Abbas Shah	Physics	Islamabad	Dye Synthesized Solar Cell	In Process
3329	ISESCO-COMSTECH	Dr. Yasser MSA Kahraman	Pharmacy	Abbottabad	Integrated photo chemical estimation of antileishmanial agents on some local meidcinal of Hazara division	In process
3330	ISID	Dr. Ayesha Khan	Biosciences	Islamabad	Genetic Characterization of echinococcus granulosus strains isolated from human and animal samples in pakistan	In Process
3331	Islamic Development Bank	Dr. Irfan Sadiq	Biosciences	Islamabad	Application for Post Doctoral Fellow ship	In Process
3332	Islamic Development Bank	Dr. Muhammad Farhan Saeed	Environmental Sciences	Vehari	Effeciency of different entophytic bacteria against strains of clavibacter michiganensis subsp. Michigan essis intomato	In process

3333	Islamic Development Bank	Dr. Muhammad Zakir Ali	Environmental Sciences	Vehari	Semiochemicals in real time crop monitoring for sustainable agriculture	In process
3334	Islamic Development Bank	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Soil science/ food security	In process
3335	Islamic Development Bank	Dr. Shahzad Munir	Mathimatics	Islamabad	Modeling and simulation of droplets in engines	In process
3336	Islamic Development Bank	Dr. Asad Ali Safi	Computer Science	Islamabad	Enhancement of the orthopantomograph images	In process
3337	Islamic Development Bank	Dr. Rab Nawaz	Mathimatics	Islamabad	On some wave scatering process for wave guide structures	In process
3338	Islamic Development Bank	Dr. Humaira Yasmin	Biosciences	Islamabad	Isolation,characterization and mechanisms of action plant growth promoting rehizobacteria for growth promotion and drought tolerance of maize.	In process
3339	Islamic Development Bank	Dr. Zahra Jabeen	Biosciences	Islamabad	Physiological and Genetic difference in salt stress tolerance in wild and cultivated barleys.	In process
3340	Islamic Development Bank	Dr. Rabia Naz	Biosciences	Islamabad	Effect of plant extracts, salicylic acid and fungicide in biocontrol of fungal diseases of maize (zea mays L.) and wheat(triticum aestivuml.)	In process
3341	Islamic Development Bank	Dr. Humaira Shaheen	Biosciences	Islamabad	Floristic and Ethnobotanical Enumeration of Thal Desert Punjab, Pakistan.	In process
3342	Islamic World Educational, Scientific and Cultural Organization	Dr. Maleha Azam	Biosciences	Islamabad	Resource Allocation for the Collection of Human and Human Genetics	In Process
3343	Japan's Technical Cooperation Development Study and Grant Aid	Mr. Adam Zahoor	CCDU	Abbottabad	Integrating Disaster Risk Reduction Into Education in 100 Schools in Earthquake Affected Communities in Tehsil Balakot, District Manshera	In Process
3344	Japan's Technical Cooperation Development Study and Grant Aid	Dr. Abrar Hussain	Biosciences	Sahiwal	Improving Crop Productivity of Pakistani Farmers Through Increasing Soil Carbon Sequestration by Addition of Biochar	In Process
3345	Japan's Technical Cooperation Development Study and Grant Aid	Dr. Farrukh Jamil	Biosciences	Sahiwal	Establishment of Mobile Hospitals for Slum and Rural Areas of Sahiwal	In Process
3346	Japan's Technical Cooperation Development Study and Grant Aid	Dr. Ahmad Ali	Biosciences	Sahiwal	Development of Dairy Training and Resource Center for capacity Building Economic Prosperity of dairy Communities in Rural Sahiwal	In Process
3347	Joint Research Project	Dr. Ehsan Ullah Munir	Computer Science	Wah	Sensing artificial intelligence and edge networking towards rural health monitoring (safe-rural-health)	In Process
3348	Joint Research Project Heavy Industry Texila & PSF	Dr. Salman Amin Malik	Mathematics	Wah	Policy of disbursement of funds from pakistan science foundation	In Process
3349	Joint Research Proposal MOST	Dr. Ehsan Ullah	Computer Science	Wah	Sensing artifical intelligence and edge networking	In Process
3350	KPK	Dr. Muhammad Maroof Shah	Environmental Sciences	Abbottabad	Identification and analysis of defensin genes in endemic pleasant species and their significance against microbees	In Process
3351	KPK	Dr. Faisal Khan	Electrical Engineering	Abbottabad	Design and implementation of a novel single phase field excitation flux switching motor for future electric motor bike	In Process

3352	KPK	Dr. Ahmed Fayyaz	Electrical Engineering	Abbottabad	Electronic voting machine (EVM) financial assistance from government of KPK	In Process
3353	KPK	Dr. Muhammad Maroof Shah	Environmental Sciences	Abbottabad	Physico-chemical characterization of salt responsive genes in maize under salt stress	In Process
3354	KPK	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Synthesis and characterization of Mn-TiO ₂ for treating water pollutants using sonophotocatalytic process	In Process
3355	KPK	Dr. Nadia Riaz	Environmental Sciences	Abbottabad	Synthesis of visible/solar light active photocatalysts for textile reactive dyes: Effect of synthesis parameters	In Process
3356	KPK	Dr. Shahid Masood Shah	Environmental Sciences	Abbottabad	Enhancement and assessment of secondary metabolites of bergenia species by tissue culturing technique	In Process
3357	KPK	Dr. Abdur Rashid	Electrical Engineering	Abbottabad	Industrial waste water utilizing high voltage	In Process
3358	KPK	Dr. Muhammad Ali	Environmental Sciences	Abbottabad	Isolation and identification of novel bacterial isolates with the capability to produce antioxidants	In Process
3359	KPK	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Graphene oxide-au/pt as hole transport layer for efficient perovskites solar cells	In Process
3360	KPK	Dr. Uzair Khan	Electrical Engineering	Abbottabad	Aerial image enhancement with application to sensor networks to monitor and prevent the de-forestation	In Process
3361	KPK	Dr. Sohail Anjum Shahzad	Chemistry	Abbottabad	Development of fluorescent synthetic materials for sensing applications	In Process
3362	KPK	Dr. Rafiq Ahmed	Environmental Sciences	Abbottabad	Evaluation of antimicrobial potential of plant mediated nanoparticles defensins and cystatins proteins of selected medicinal plants	In Process
3363	KPK	Dr. Abdul Rehman Khan	Environmental Sciences	Abbottabad	Assessment of buck wheat landraces from Gilgit-Baltistan for cultivation in Hazara division	In Process
3364	KPK	Prof. Dr. Taous Khan	Pharmacy	Abbottabad	Novel honey/bacterial cellulose composites as a cost effective burn wound dressing	In Process
3365	KPK	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Upscale production and designing of bacterial cellulose based skin care products through indigenized technologies, Financial Assistance from Government of KPK	In Process
3366	Middlesex University England UK	Dr. Tehseen Zia	Computer Science	Islamabad	request for generation of invoice in the name of M/S Middlesex University	In Process
3367	Ministry of Education Kingdom of Saudi Arabia	Dr. Arooj Mubashra	Electrical Engineering	Islamabad	Intelligent energy harvesting in 5G and B5G wireless communications (IEWIC)	In Process
3368	Ministry of Education Kingdom of Saudi Arabia	Dr. Syed Junaid Nawaz	Electrical Engineering	Islamabad	Machine learning based state of the art eye diseases classification system	In Process
3369	Ministry of Education Kingdom of Saudi Arabia	Dr. Adeel Mehmood	Electrical Engineering	Islamabad	Unleashing the potential of unmanned aerial system (UAS) in oil and gas sector a breakthrough progress in infrastructure monitoring and fault analysis	In Process
3370	Ministry of Planning Development & Reform (Education Section) Govt. of Pakistan	Dr. Raja Irfan Sabir	Management Sciences	Sahiwal	Stealth marketing and sustainable development: mediating role of culture and moderating role of higher education institutes in Punjab, Pakistan	In process

3371	Ministry of Planning Development & Reform (Education Section) Govt. of Pakistan	Dr. Khurram Shahzad Mughal	Management Sciences	Islamabad	Comparative advantage for Pakistan: Are we winning of losing? A study to gain insight on global competitiveness	In process
3372	Ministry of Planning Development & Reform (Education Section) Govt. of Pakistan	Dr. Samina Naeem	Humanities	Islamabad	Literacy through the use of mobile phone	In process
3373	Ministry of Planning Development & Reform (Education Section) Govt. of Pakistan	Dr. Yasir Tariq Mohmand	Management Sciences	Islamabad	Is Pakistan a chronic importer? A case to explore trade dynamics with free trade agreement (FTA) partner countries	In process
3374	Ministry of Planning, Development & Reform Planning Commission	Dr. Seema Mallick	Centre for climate research and development	Islamabad	From Millennium goals to designing sustainable development goals	In Process
3375	Ministry of Planning, Development and Special Initiatives	Dr. Muhammad Khalil Afzal	Computer Sciences	Wah	Smart khait and Kaison in pakistan: An Intelligent IoT Connected Smart Agriculture System	In Process
3376	Ministry of Planning, Development and Special Initiatives	Dr. Adnan Ahmad	Computer Sciences	Lahore	Play to Learn A gamification environment for learning programming language concepts	In Process
3377	Ministry of Planning, Development and Special Initiatives	Dr. Muhammad Yar	IRCBM	Lahore	Stimulating hair regrowth after chemotherapy induced hair loss in cancer patients- using a gel that stimulates blood vessel growth	In Process
3378	Ministry of Planning, Development and Special Initiatives	Dr. Muhammad Imran	Bio-Sciences	Islamabad	Nano-COMBS: Nano-Composite Biopolymeric Scaffolds for Chronic Diabetic Wounds as Alternative therapeutics for Biopharmaceutical Industry	In Process
3379	Ministry of Planning, Development and Special Initiatives	Dr. Amir Qamar	Electrical & Computer Engineering	Wah	Design and Construction of an Electromagnetic	In Process
3380	Ministry of Planning, Development and Special Initiatives	Dr. Muhammad Naeem Shahzad	Electrical & Computer Engineering	Lahore	Revolutionizing Laboratory Learning: The Development of a Remotely accessible embedded system lab	In Process
3381	Ministry of Planning, Development and Special Initiatives	Dr. Ambreen Shahnaz	Management Sciences	wah	A need analysis of educational infrastructure and professional development opportunities for english teachers in soon valley, pakistan	In Process
3382	National Cleaner Production Center	Dr. Zahid Hussain	Development Studies	Abbottabad	Eye brow terracing to minimize soil and water erosion losses in hilly area of Galyat in district Abbottabad, Pakistan	In Process
3383	National Cleaner Production Center	Dr. Aziz ullah Sayal	Management Sciences	Abbottabad	Economic valuation of recreational benefits from herno lake park Abbottabad	In Process
3384	National Cleaner Production Center	Dr. Humaira Khan	High Mountain Research Center	Abbottabad	Increasing Diversification and Efficiency of fruit Farming in Gilgit-Baltistan, Pakistan: Implications for Sustainable Rural Development in a high Mountain Region	In Process

3385	National Cleaner Production Center	Dr. Siddique ullah Baig	High Mountain Research Center	Abbottabad	Northern Pakistan Glaciers and Mountain Landscape Dynamics a Comparison of Environmental setting of Himalayas (Astor) and Karakoram (Hunza)	In Process
3386	National Cleaner Production Center	Dr. Asim Afridi	Management Sciences	Abbottabad	Economic cost of Drinking water Contamination in Abbottabad	In Process
3387	National Cleaner Production Center	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Sustainable Production of Biomaterials from waste and Byproducts of fast food Companies Evaluation of Biomaterials for biomedical Applications	In Process
3388	National Cleaner Production Center	Dr. Raza Ahmed	Environmental Sciences	Abbottabad	Pilot Scale Bio-Ethanol Production by using Vegetative and Reproductive Biomass of Mulberry Plan”	In Process
3389	National Cleaner Production Center	Dr. Abda Khalid	Development Studies	Abbottabad	Studying Communal Conflicts over Drinking Water Supply in Sected Area	In Process
3390	National Cleaner Production Center	Dr. Iftikhar Zeb	Environmental Sciences	Abbottabad	Co-Production of Biogas and Nutrient rich Fertilizer from Co-Digestion of Animal and Agro-Industrial Waste”	In Process
3391	National Cleaner Production Center	Dr. Romana Khan	Environmental Sciences	Abbottabad	Pilot Scale tests of Chitosan/Nanoadsorbent Composite Membranes for the Removal of Heavy Metals from Aqueous Solution	In Process
3392	National Cleaner Production Center	Dr. Asim Yaqub	Environmental Sciences	Abbottabad	Development of Electrochemical Treatment Model for Hospital wastewater Treatment”.	In Process
3393	National Cleaner Production Center	Dr. Bushra Ismail	Chemistry	Abbottabad	Transition metal doped spinel MFe ₂ O ₄ (M=Co ²⁺ , Ni ²⁺) synthesis composite formation characterization and their applications in energy efficient textile waste water treatment	In Process
3394	National Cleaner Production Center	Dr. iftikhar Zeb	Environmental Sciences	Abbottabad	Anaerobic co digestion of animal waste and industrial waste for enhanced biogas and biofertilizer production	In Process
3395	National Cleaner Production Center	Dr. Faisal Khan	Electrical& Computer Enineering	Abbottabad	The influence of metal particles on the insulating performance of R134 gas having less global warming potential	In Process
3396	National Cleaner Production Center	Dr. Raza Ahmad	Environmental Sciences	Abbottabad	Pilot Scale Bio-Ethanol Production by using Vegetative and Reproductive Biomass of Mulberry Plan”	In Process
3397	National Cleaner Production Center	Dr. Bushra Ismail	Chemistry	Abbottabad	Deposition and characterization of bismuth trisulphide and effect of substitution of transition metals for application as visible light absorber material in solar cell structure	In Process
3398	National Cleaner Production Center	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	Recycling of kitchen generated grey water using biofilters a simple low tech system	In Process
3399	National Cleaner Production Center	Dr. Syed Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Biodegradation of azo dyes by using free and immobilized bacterial cells	In Process
3400	National Engineering and Scientific Commission	Dr.Farman Ullah	Electrical & Computer Engineering	Attock	Progammable Charge amplifier module	In Process
3401	National Engineering and Scientific Commission (NESCOM)	Dr. Jawad Mirza	Electrical & Computer Engineering	Islamabad	COMINT cdma2000 signal recognition and classification for 1x mode	In Process

3402	National ICT & R&D Fund	Dr. Qudrat Khan	Cast	Islamabad	Physical model development and investigation of flight dynamic stability and control of flapping wing micro air vehicle system	In Process
3403	National ICT R&D	Dr. Syed Asad Hussain	Computer Science	Lahore	a Pervasive Health case test bed for optimized monitoring of mechanical data services	In Process
3404	National ICT R&D	Dr. Masoom Alam	Computer Science	Islamabad	Cyber guard: an indigenous security information and event management system	In Process
3405	National ICT R&D	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Efficient Plasmonic Solar Cells by Hybridization with Quantum Dots using Organic Ligands	In Process
3406	National ICT R&D	Dr. Rafi us Shan	Computer Science	Abbottabad	Viewership metering device	In Process
3407	National ICT R&D Fund	Dr. Zafar Iqbal	Computer Science	Islamabad	Teaching-learning science through laboratory exercises performed with mobile phone	In process
3408	National ICT R&D Fund	Dr. Mohsin Riaz	CAST	Islamabad	Automatic seed analysis and classification system	In process
3409	National ICT R&D Fund	Dr. Nadia Nawaz Qadri	Electrical Engineering	Wah	Soil moisture monitoring system for precision agriculture using WSN and IoT	In process
3410	National ICT R&D Fund	Dr. Mirza Ahmed Hammad ul Muheen Muhammad	Biosciences	Sahiwal	Development of TOF (Translate, ORF, Frequency) tool and database for storing codon frequency	In process
3411	National ICT R&D Fund	Dr. Nadia Nawaz	Electrical Engineering	Wah	Navy-sea: A real-time navigation platform for marine application	In process
3412	National ICT R&D Fund	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Development of fungal genome resources as a cardle to improve the wheat yield from fungal diseases in Pakistan by deep genome	In process
3413	National ICT R&D Fund	Dr. Usama Ijaz Bajwa	Computer Science	Lahore	Computer aided brain tumor classification to replace biopsy procedures	In process
3414	National ICT R&D Fund	Dr. Zeeshan Kaleem	Electrical Engineering	Wah	Development of robust communication and detection technologies for surveillance of amateur drones in security-sensitive National Institutions	In process
3415	National Institute of Health	Dr. Sabir Hussain	Biosciences	Islamabad	Trand analysis of Cardiovascular Disease Burden and Risk in Ex-Fata Pakistan	In Process
3416	National Institute of Health	Dr. Muhammad Jawad Khan	Biosciences	Islamabad	identification of circulating non-coding RNAs in Pakistani patient of coronary artery disease	In Process
3417	National Institute of Health	Dr. Arfat Yameen	Pharmacy	Abbottabad	Evaluation of Prevalance and Co-morbidities of Tuberculosis effecting the Health-Related Quality of Life of Patients in Hazara Division, KPK Pkaistan	In Process
3418	National Institute of Health	Dr. Hamid Ali	Biosciences	Islamabad	Expression Analysis of p-STAT-3 and CTLA-4 genes in Breast Cancer and their role in Immune checkpoint inhibitors for the treatment of Cancer in Pakistani Population	In Process
3419	National Institute of Health	Dr. Hamid Ali	Biosciences	Islamabad	Familial studies of genetic analysis of Tuberculosis in Pakistani Population	In Process
3420	National Institute of Health	Dr. Muhammad Jadoon Khan	Biosciences	Islamabad	Interplay of Genetic predispostion and gene expression in regulation of RNA methylation in breast cancer	In Process
3421	National Institute of Health	Dr. Haroon Ahmad	Biosciences	Islamabad	Development of a disease registry for pulmonary hydatid cysts cases, and study their genetic regularity and multi morbidity disorders in Pakistani Population	In Process

3422	National Institute of Health	Dr. Ramla Shahid	Biosciences	Islamabad	Epidemiology of Mental Health condition among Pkaistani Population: Impact of Covid 19 Pandemic	In Process
3423	National Institute of Health	Dr. Ijaz Ali	Biosciences	Islamabad	Novel Strategies to overcome antimicrobial resistance on medical implants in Health care System	In Process
3424	National Institute of Health	Dr. Sadia Sattar	Biosciences	Islamabad	Preparation of Effective Bacteriophage cocktails for treatment of Acinetobacter Baumannii Biofilms in Hospital ventilator setting to reduce the risk of nosocomial infection in ICU patients	In Process
3425	National Institute of Health	Dr. Aamira Tariq	Biosciences	Islamabad	A Pilot study for Hene Expression Profiling of different TNBC Subtypes	In Process
3426	National Institute of Health	Dr. Ijaz Ali	Biosciences	Islamabad	Dengue control via Genetically modified Aedes mosquitoes	In Process
3427	National Institute of Health	Dr. Farah Masood	Biosciences	Islamabad	Smart nanocomposite hydrogels for treatment of breast cancer	In Process
3428	National Institute of Health	Dr. Nazish Bostan	Biosciences	Islamabad	Development of a single Molecular diagnostic method for the detection of chikungunya virus, Yellow fever virus, Zika virus and Dengue fever virus from Pakistan	In Process
3429	National Institute of Health	Dr. Ijaz Ali	Biosciences	Islamabad	Analysis of Plasma virome for viral biomarkers as early diagnostics in Hepatocellular Carcinoma by Novel Metagenomics	In Process
3430	National Institute of Health	Dr. Sundus Javed	Biosciences	Islamabad	Integrated one Health approach for identification of AMR hotspots, Impact of injudicious Antibiotic usage in Hospital setups and livestock industry in Pakistan	In Process
3431	National Institute of Health	Dr. Sidra Rehman	Biosciences	Islamabad	Validating Phyto-therapeutic and Nano-medicinal approach to cure Alzheimer's disease modifying therapy	In Process
3432	National Institute of Health	Dr. Pasha Ghazal	Biosciences	Islamabad	A Study to determine the prevalence of depression and establishing serum biomarkers and genetic risk markers of depression in various cohort of type-2 diabetes patient in the Potwar plateau of Punjab	In Process
3433	National Institute of Health	Dr. Ramla Shahid	Biosciences	Islamabad	Molecular Epidemiology of Psoriasis, Associated Risk factors and Comorbidities	In Process
3434	National Institute of Health	Dr. Ramla Shahid	Biosciences	Islamabad	Prediction of Breast Cancer Survival using Clinical and Genetic Markers	In Process
3435	National Priorities Research Program Standard Qatar	Mr. Umar Sheraz	Centre for Policy Studies	Islamabad	Supporting letter for collaborative research work	In Process
3436	National Rural Support Programme	Dr. Saeed Ahmad Asad	CCRD	Islamabad	Capacity building of farmers of climate smart agricultural practices for improved food security in the pothwar region of Pakistan	In Process
3437	National Science Linkage Program (NSLP)	Dr. Hafiz Muhammad Rashad Javed	Environmental Sciences	Vehari	Growth and physiological potential of quinoa as fodder and forage to enhance the livestock production in the desert areas of Pakistan	In Process
3438	National Science Linkage Programme (NSLP)	Dr. Rumana Keyani	Biosciences	Islamabad	Development of crispr/cas9 technology to enhance disease resistance in tomato lycopersicum	In Process
3439	National Technology Fund	Dr. Muhammad Altaf	EE&CS	Wah	Computer aided radiological diagnosis system	In Process

3440	Natural Sciences Linkage Programme	Dr. Amir Rashid Chaudhary	Electrical & Computer Engineering	Islamabad	Development and pilot use of unnamed autonomous drone system for seed plantation and pesticide using spectral camera analysis	In Process
3441	NCCS	Dr. Muhammad Usman Shahid Khan	Computer Science	Abbottabad	Artificial Intelligence - based blocker	In Process
3442	NESCOM	Dr. Farhana Jabeen	CS	Islamabad	AI based Vulnerability assessment and patching tool for Linux	In Process
3443	NIH	Dr.Sabir Hussain	Biosciences	Islamabad	Trand analysis of Cardiovascular Disease Burden and Risk in Ex-Fata Pakistan	In Process
3444	NIH	Dr.Muhammad Jawad Khan	Biosciences	Islamabad	identification of circulating non-coding RNAs in Pakistani patient of coronary artery disease	In Process
3445	NIH	Dr.Arfat Yameen	Pharmacy	Abbottabad	Evaluation of Prevalance and Co-morbidities of Tuberculosis effecting the Health-Related Quality of Life of Patients in Hazara Division,KPK Pkaistan	In Process
3446	NIH	Dr.Hamid Ali	Biosciences	Islamabad	Expression Analysis of p-STAT-3 and CTLA-4 genes in Breast Cancer and their role in Immune checkpoint inhibitors for the treatment of Cancer in Pakistani Population	In Process
3447	NIH	Dr.Hamid Ali	Biosciences	Islamabad	Familial studies of genetic analysis of Tuberculosis in Pakistani Population	In Process
3448	NIH	Dr.Muhammad Jadoon Khan	Biosciences	Islamabad	Interplay of Genetic predispostion and gene expression in regulation of RNA methylation in breast cancer	In Process
3449	NIH	Dr.haroon Ahmad	Biosciences	Islamabad	Development of a disease registry for pulmonary hydatid cysts cases,and study their genetic regularity and multi morbidity diorders in Pakistani Population	In Process
3450	NIH	Dr.Ramla Shahid	Biosciences	Islamabad	Epidemiology of Mental Health condition among Pkaistani Population: Impect of Covid 19 Pandemic	In Process
3451	NIH	Dr.Ijaz Ali	Biosciences	Islamabad	Novel Strategies to overcome antimicrobial resistance on medical implants in Health care System	In Process
3452	NIH	Dr.Sadia Sattar	Biosciences	Islamabad	Prepration of Effective Bacteriophage cocktails for treatment of Acientobacter Baumannil Bioflims in Hospital ventilator setting to reduce the risk of nosocomial infection in ICU patients	In Process
3453	NIH	Dr.Aamira Tariq	Biosciences	Islamabad	A Pilot study for Hene Expression Profilling of different TNBC Subtypes	In Process
3454	NIH	Dr.Ijaz Ali	Biosciences	Islamabad	Dengue control via Genetically modified Aedes mosquitoes	In Process
3455	NIH	Dr.Farah Masood	Biosciences	Islamabad	Smart nanocomposite hydrogels for tratment of breast cancer	In Process
3456	NIH	Dr.Nazish Bostan	Biosciences	Islamabad	Development of a single Molecular diagonstic method for the detection of chikungunya virus, Yellow fever virus, Zika virus and Dengue fever virus from Pakistan	In Process
3457	NIH	Dr.Ijaz Ali	Biosciences	Islamabad	Analysis of Plasma virome for viral biomarkers as early diagnostics in Hepatocellular Carcrinoma by Novel Metagenomics	In Process

3458	NIH	Dr.Sundas Javed	Biosciences	Islamabad	Integrated one Health approach for identification of AMR hotspots, Impact of injudicious Antibiotic usage in Hospital setups and livestock industry in Pakistan	In Process
3459	NIH	Dr.Sidra Rehman	Biosciences	Islamabad	Validating Phyto-therapeutic and Nano-medicinal approach to cure Alzheimer's disease modifying therapy	In Process
3460	NIH	Dr.Pasha Ghazal	Biosciences	Islamabad	A Study to determine the prevalence of depression and establishing serum biomarkers and genetic risk markers of depression in various cohort of type-2 diabetes patient in the Potwar plateau of Punjab	In Process
3461	NIH	Dr.Ramla Shahid	Biosciences	Islamabad	Molecular Epidemiology of Psoriasis, Associated Risk factors and Comorbidities	In Process
3462	NIH	Dr.Ramla Shahid	Biosciences	Islamabad	Prediction of Breast Cancer Survival using Clinical and Genetic Markers	In Process
3463	NRSP	Prof. Dr. Muhammad Abid	EE	Islamabad	Identification monitoring and assessment of smong affected zones in urban and rural areas of punjab	In Process
3464	NRSP	Dr. Amir Rasheed Chaudhary	EE&CS	Islamabad	Ababeel reforestation drone with pressure sensitive seed plantation	In Process
3465	Organization For Publication Of Chemical Weapon (OPCW)	Dr Jamshid Iqbal	CADR	Abbottabad	Synthesis and Development of Ecto-nucleotide phosphodiesterase/pyrophosphatase (NSPs) inhibitors	In Process
3466	PAK-Belarusian Joint Scientific & Technological Projects	Dr. Farhan Haq	Biosciences	Islamabad	Fibroblast gene family as potential targets to prevent and reverse fibrosis under Pakistan-Belarus	In Process
3467	PAK-Belarusian Joint Scientific & Technological Projects	Dr. Liaqat Ali	Biosciences	Islamabad	Identification of mycobacterium tuberculosis susceptibility genes in Pakistani and Belarusian population	In Process
3468	Pak-China	Dr. Fawad Azeem	Energy Research Centre	Lahore	Interconnection of multimicrogrids to promote penetration & efficient utilization of renewable energy	In Process
3469	Pak-China	Dr. Muhammad Habib	Physics	Islamabad	Fabrication and properties study of all 2D layered material based supercapattery energy storage devices	In Process
3470	Pak-China	Dr. Muhammad Waqas Anwar	Physics	Lahore	Privacy preserving technology and method in machine learning on heterogeneous data fusion	In Process
3471	Pak-China	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of durable and cost effective ion exchange membranes for hydrogen through water electrolysis: A sustainable energy solutions	In Process
3472	Pak-China	Dr. Sohail Anjum Shahzad	Chemistry	Abbottabad	Perylene probe based multifunctional material for tumor imaging and therapy	In Process
3473	Pak-China	Dr. M. Ashfaq Ahmad	Physics	Lahore	Mechanism analysis of metallic oxide/sulfide cooperated with ether based electrolyte for sodium/potassium storage by in situ testing technologies	In Process
3474	Pak-China	Dr. Main Hasnain Nawaz	IRCBM	Lahore	Protein based bio generators towards biomolecules assisted energy harvesting	In Process
3475	Pak-China	Dr. Javed Akram	Physics	Islamabad	X-ray irradiation photovoltaics on perovskite pin junction	In Process

3476	Pak-France Joint Research Program (PERIDOT)	Dr. Abdullah BilalAhmed	Biosciences	Islamabad	Development and applicatio of bioinformatics tools for the prediction fo amyloidogenic regions in proteins	In Process
3477	Pakistan Academie of Science	Dr. Haroon Ahmad	Biosciences	Islamabad	Genetic diversity of echinococcosis human animal and environmental sources of pakistan	In Process
3478	Pakistan Agricultural Research Council	Dr. Muhammad Ibrahim	Biosciences	Sahiwal	Building capabilities for molecular characterisation and crop improvemetn of gossypium hirsutum (cotton) to cotton leaf cuirl viruses and white fly using next generation sequencing (NGS) in Pakistan	In Process
3479	Pakistan Agricultural Research Council	Dr. Muhammad Shahid	Environmental Sciences	Vehari	Assessment of agricultural soil quality in relation to heavy metals contamination of food chain	In Process
3480	Pakistan Agricultural Research Council	Dr. Ahmad Ali	Biosciences	Sahiwal	Estimation of DNA damage and Oxidative stress factors in cryopreservation of bBuffalo semen for fertility enhancement of B uffalo semen through artical insemination and too assist Buffalo progeny testing programs (PTP) for its genetic improvement	In Process
3481	Pakistan Agricultural Research Council (PARC)	Dr. Haroon Ahmed	Biosciences	Islamabad	Dynamics and heterogeneous shedding of brucella abortus in milk of seropositivity animals	In Process
3482	Pakistan Agricultural Research Council (PARC)	Dr. Haroon Ahmed	Biosciences	Islamabad	Role of slaughterhouses in dissemination of diseases of public health/one health importance	In Process
3483	Pakistan Agricultural Research Council (PARC)	Dr. Haroon Ahmed	Biosciences	Islamabad	Epidemiological study molecular characterization and risk mapping of tick borne disesses (theileria and babesia spp) for rapid diagnostic assay development	In Process
3484	Pakistan Agriculture Reserch Council	Dr. Muhammad Jamil	Biosciences	Islamabad	Over expression of carotenoid cleavage enzyme 7 (CCD7) in Rice (Oryza Sativa L) to improve phosphorus uptake efficiency	In Process
3485	Pakistan Agriculture Reserch Council	Dr. Humaira Yasmin	Biosciences	Islamabad	Analysis of legumes induced systemic drought tolerance in terms of morphological, biochemical and molecular responses by consortium of Rhizobium sp. And rhizospheric bacteria.	In process
3486	Pakistan Agriculture Reserch Council	Dr. Ijaz Ali	Biosciences	Islamabad	Development of Rapid Diagnostic Assays For The Detection of Echinococcus Sspecies Prevalent in small and large animals of Pakistan.	In process
3487	Pakistan Agriculture Reserch Council	Dr. Pasha Ghazal	Biosciences	Islamabad	Epidemiological study,molecular characterization and risk mapping of Tick borne diseases (Theileria and Babesia spp) for rapid diagnostic assay development	In process
3488	Pakistan Agriculture Reserch Council	Dr. Abid Ali Khan	Biosciences	Islamabad	Antimicrobial Magic Nano-Bullets against Multidrug Resistant (MDR) Microbial Pathogens of Livesstock	In process
3489	Pakistan Agriculture Reserch Council	Dr. Hafiz Faiq Siddique Gul Bakhhat	Environmental Sciences	Vehari	Strategies to mitigate the arsenic intake through drinking water and rice consumption in the selected Districts of South Punjab,Pakistan.	In process
3490	Pakistan Agriculture Reserch Council	Dr. Habib Ali Bokhari	Biosciences	Islamabad	Production of inexpensive recombinant Glycoconjugate Vaccines for Calf Diarrhea	In process
3491	Pakistan Agriculture Reserch Council	Dr. Abu Bakr Umer Farooq	Environmental Sciences	Vehari	Detection identification, characterization, and viral community assessment in temperate fruit trees in Pakistan	In process

3492	Pakistan Agriculture Reserch Council	Dr. Behzad Murtaza	Environmental Sciences	Vehari	Nano-zero Valent Iron for a safe and Sustainable Water Supply: Enabling Waste Water Treatment and Reuse for Crop Productivity.	In process
3493	Pakistan Agriculture Reserch Council	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Growing multi-purpose halphytes on salt affected soil using low quality water	In process
3494	Pakistan Agriculture Reserch Council	Dr. Muhammad Tahir	Environmental Sciences	Vehari	Ensuring sustainability of food chain through detoxification of agricultural toxicants and use of microbial biopesticides to diminish environmental pollution	In process
3495	Pakistan Agriculture Reserch Council	Dr. Muhammad Akram	Environmental Sciences	Vehari	evaluation of different clusterbean cultivars under different sowing techniques with the application of plant growth regulator and nutrients	In process
3496	Pakistan Agriculture Reserch Council	Dr. Naveed Ahmad	Environmental Sciences	Vehari	Reproductive potential enhancement by reducing pesticide exposure in livestock via In-Vitro Maturation,Fertilization and Culturing	In process
3497	Pakistan Agriculture Reserch Council	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Sustainable production of rhizobacterial antifungal metabolites to control plant diseases and ensure food security under changing climatic conditions	In process
3498	Pakistan Agriculture Reserch Council	Dr. Iftikhar Ahmad	Environmental Sciences	Vehari	Biochar induced modification alter microbial community,carbon sequestration and cadmium availability in the rhizosphere of metallophyte	In process
3499	Pakistan Agriculture Reserch Council	Dr. Saqib Mumtaz	Biosciences	Islamabad	Application of bacteria for waste water clean-up and soil fertility to achieve sustainable agriculture and environmental protection and investigation of their molecular	In process
3500	Pakistan Agriculture Reserch Council	Dr. Ghulam Mustafa Shah	Environmental Sciences	Vehari	Up-Cycling of solid waste through composting:Assessment of its fertilizer value and associated health risks	In process
3501	Pakistan Agriculture Reserch Council	Dr. Muhammad Imran	Environmental Sciences	Vehari	Enabling dyes contaminated wastewater for cost effective reuse in agriculture through nanopraticles loaded biosorbents	In process
3502	Pakistan Agriculture Reserch Council	Dr. Muhammad Amjad	Environmental Sciences	Vehari	Quinoa as an alternative food crop for salt-affected areas to ansure food security in pakistan: challenges and opportunities	In process
3503	Pakistan Agriculture Reserch Council	Dr. Asia Nosheen	Biosciences	Islamabad	Biodiesel production and quality evaluation for practical implication from non-edible indigenous resources of Pakistan	In process
3504	Pakistan Agriculture Reserch Council	Dr. Rabia Naz	Biosciences	Islamabad	Bioprospecting medicinal plant extracts and associated rhizobacteria rhizobacteria for biocontrol of southern leaf blight of maize	In process
3505	Pakistan Agriculture Reserch Council	Dr. Sajjad Ahmad	Environmental Sciences	Vehari	Investigation and mapping of Ground water Table and Restoration Opportunities Under Changing Climate	In process
3506	Pakistan Agriculture Reserch Council	Dr. Muhammad Shafique Khalid	Environmental Sciences	Vehari	Management of Pesticides Residues (Maximum Residues Limits) in Fresh Vegetables	In process

3507	Pakistan Agriculture Reserch Council	Dr. Muhammad Inam Afzal	Biosciences	Islamabad	Microbiological safety evaluation of food products along with the assessment of food safety knowledge,attitudes,practices of vendors and consumers for food security enhancement in Pakistan	In process
3508	Pakistan Agriculture Reserch Council	Dr. Muhammad Umer	Biosciences	Islamabad	Studies of Developmental Characteristics of Renewable Energy Crops of Pakistan	In process
3509	Pakistan Agriculture Reserch Council	Dr. Muhammad Zakir Ali	Environmental Sciences	Vehari	Exploitation and manipulation of allelochemicals induced by plant growth promoting rhizobacteria (PGPR) in plant -microbe-insect interaction	In process
3510	Pakistan Agriculture Reserch Council	Dr. Saeed Ahmad Qaisrani	Environmental Sciences	Vehari	Satellite based irrigation performace assessment by using METRIC water balance Model	In process
3511	Pakistan Agriculture Reserch Council	Dr. Wajid Nasim	Environmental Sciences	Vehari	Agromet Based Insect/Pest Early Warning System for Cotton-Wheat Zone Punjab,Pakistan	In process
3512	Pakistan Agriculture Reserch Council	Dr. Muhammad Nadeem	Environmental Sciences	Vehari	Determination of pesticide residues in Honey, Honeybee (Apis mellifera) Bee Bread and Pollen Loads	In process
3513	Pakistan Agriculture Reserch Council	Dr. Hafiz Mohkum Hammad	Environmental Sciences	Vehari	Simulating the yield gap of wheat under changing climate of Pakistan	In process
3514	Pakistan Agriculture Reserch Council	Dr. Zahra Jabeen	Biosciences	Islamabad	Exogenous Nitric oxide application could induce resistance against the Ascochyta blight and abiotic Stress in lentil	In process
3515	Pakistan Agriculture Reserch Council	Dr. Abdul Rauf Siddiqi	Biosciences	Islamabad	Discovery of Exclusively Selective & Ecofriendly Pesticides against White Fly Bemisia tabaci, Developing Next Generation Pesticide Industry in Pakistan	In process
3516	Pakistan Agriculture Reserch Council	Dr. Malik Tahir Hayat	Environmental Sciences	Abbottabad	Assessment multivariate apportionment & remediation of emerging pollutants from contaminated sites of Punjab, Sindh and KPK	In process
3517	Pakistan Agriculture Reserch Council	Dr.Pasha Ghazal	Biosciences	Islamabad	Epidemiological study,molecular characterization and risk mapping of tick borne diseases(Theileria and Babesia spp) for rapid diagnostic assay development.	In process
3518	Pakistan Agriculture Reserch Council	Dr. Wajid Nasim	Environmental Sciences	Vehari	IoTbased smart farming for arable crops for small holders of district vehari	In process
3519	Pakistan Agriculture Reserch Council	Dr. Muhammad Shafique Khalid	Environmental Sciences	Vehari	Improving postharvest shelf life and quality of major fruits and vegetables by application of nanotechnology	In Process
3520	Pakistan Agriculture Reserch Council	Dr. Behzad Murtaza	Environmental Sciences	Vehari	Nano-zero valent iron for a safe and sustainable water supply: Enabling waste water treatment and reuse for crop productivity	In Process
3521	Pakistan Agriculture Reserch Council	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Land use/land cover classification and water use in the changing climate of southern Punjab	In Process
3522	Pakistan Agriculture Reserch Council	Dr. Amjad Farooq	Environmental Sciences	Vehari	Establishment of flower value addition unit at COMSATS vehari	In Process
3523	Pakistan Agriculture Reserch Council	Dr5. Muhammad Wasim Sajjad	Biosciences	Sahiwal	Af-alb adduct a Biomarker of aflatoxin ditery exposure of local population	In Process
3524	Pakistan Agriculture Reserch Council	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	Development and utilization of quinoa RILs populations for QTL mapping and candidate varieties selection	In Process

3525	Pakistan Agriculture Reserch Council	Prof. Dr. Habib Bukahri	Biosciences	Islamabad	Osscar on site strategies to control antibiotic resistance through gut microbiome engineering through bacteriophage mediated sentinel commensals& synbiotics	In Process
3526	Pakistan Agriculture Reserch Council	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Land use/land cover classification and water use in the changing climate of southern Punjab	In Process
3527	Pakistan Agriculture Reserch Council	Dr. Asim Mehmood	Biosciences	Sahiwal	The association analysis between genotyping and phenotyping in sweet orange germplasm in Pakistan	In Process
3528	Pakistan Agriculture Reserch Council	Dr. Nazish Bostan	Biosciences	Islamabad	Baseline study and data base development on the diagnosis of viral infection in shrimps and prawns of pakistan	In Process
3529	Pakistan Agriculture Reserch Council	Ms. Zobia Noreen	Biosciences	Islamabad	Development of bacterial consortia as a potential source of reclamation of saline soil using rhizosphere associated microbiome of salt tolerant rice variety	In Process
3530	Pakistan Agriculture Reserch Council	Dr. Ayesha Tahir	Biosciences	Islamabad	Multiplex CRISPR/Cas system for climate resilient tomato production	In Process
3531	Pakistan Agriculture Reserch Council	Dr. Ayesha Baig	Environmental Sciences	Abbottabad	Role of wrky 70 based disease resistance mechanism in potato against streptomyces	In Process
3532	Pakistan Agriculture Reserch Council	Dr. Syed Habib Ali Bokahri	Biosciences	Islamabad	Production & efficacy of novel low cost multi bovine recombinant glycoconjugate vaccines	In Process
3533	Pakistan Agriculture Reserch Council	Dr. Behzad Murtaza	Environmental Sciences	Islamabad	Effectiveness of municiple solid waste xompost in salt affected soils to improve productivity in rice wheat cropping system	In Process
3534	Pakistan Agriculture Reserch Council	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	Identification of candidate varieties and genes underpinning climate resilience and grain yield in barley (hordeum vulgare)	In Process
3535	Pakistan Agriculture Reserch Council	Dr. Sundus Javed	Biosciences	Islamabad	Bio engineered T6ss machinery for gut modulation of poultry birds for conferring disease resistance and enhancing feed	In Process
3536	Pakistan Agriculture Reserch Council	Prof.Dr. Habib Bukhari	Biosciences	Islamabad	Food safety & sanitation issues contributing to stunting in children: awareness & training campaign	In Process
3537	Pakistan Agriculture Reserch Council	Dr. Amjad Farooq	Environmental Sciences	Vehari	Assessment of productivity and value added products of jasminum spp	In Process
3538	Pakistan Agriculture Reserch Council	Dr. Muhammad Asif Gondal	Biosciences	Islamabad	Effects of bycatch from fishing for wild seafood: a reconstruction of understanding	In Process
3539	Pakistan Agriculture Reserch Council	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Characterization and control of fusarium oxysporum f.sp.cubense tropical race 4 and comparative susceptibility of banana cultivars to fusarium wilt	In Process
3540	Pakistan Agriculture Reserch Council	Dr. Muhammad Asif Gondal	Biosciences	Islamabad	Application of nutraceuticals from selected agricultural residues for growth of biosecure Aduaculture	In Process
3541	Pakistan Agriculture Reserch Council	Dr. Ghulam Abbas	Environmental Sciences	Vehari	Mitigating climate change and achieving food security by growing quinoa crop on biochar amended salt affected soil	In Process
3542	Pakistan Agriculture Reserch Council	Dr. Amjad Farooq	Environmental Sciences	Vehari	Prospects of value addition in Rosa spp	In Process

3543	Pakistan Health Research Council	Dr. Sajida Batool	Biosciences	Islamabad	MicroRNA expression profiling in colon cancer as alternate and cost effective screening marker	In Process
3544	Pakistan Medical Research Council (PMRC)	Dr. Habib Bokhari	Biosciences	Islamabad	Spread of Cholera through Water to Rawalpindi and Islamabad Population	In Process
3545	Pakistan Medical Research Council (PMRC)	Dr. Nazish Bostan	Biosciences	Islamabad	A study to find out risk of vertical HCV transmission from Mothers to New born babies in Rawalpindi and Islamabad	In Process
3546	Pakistan Science Foudation	Prof.Dr. Jamshed Iqbal	Pharmacy	Abbottabad	Synthesis of Potent antagonists of P2Y12 receptors: a promising target for the treatment of cardiovascular disease	In Process
3547	Pakistan Science Foudation	Dr. Junaid Ikram	Electrical & Computer Engineering	Islamabad	Electrical Bike	In Process
3548	Pakistan Science Foudation	Dr. Zulfiqar Ahmad bhatti	Env-Sciences	Abbottabad	Assimilated bio-Fitter for treatment of wastewater and gases produce from hospital waste incineration: A sustainable Approach	In Process
3549	Pakistan Science Foudation	Dr. Sundus Javed	Biosciences	Islamabad	Next Generation genomics for the development of probiotic formulations conferring disease resistance in commercial poultry breeds	In Process
3550	Pakistan Science Foudation	Dr. Asim Yaqub	Env-Sciences	Abbottabad	Development of electrochemical Treatment Plant for the Textile Industry Wastewater	In Process
3551	Pakistan Science Foudation	Dr. Muhammad Sajjad	Biosciences	Islamabad	CSISPR/Cas9-mdeiated knockout of TaNP1 genes to develop complete male sterile wheat lines in Pakistan	In Process
3552	Pakistan Science Foudation	Dr. Aqif Anwar Chaudhary	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	A Pilot Facility for Synthesis of bone Fillers and a Halal Retention Membrane Design, Development and Pre-Clinical Trials	In Process
3553	Pakistan Science Foudation	Dr. Farah Masood	Biosciences	Islamabad	Nanocomposite Membranes for Wounds Healing	In Process
3554	Pakistan Science Foudation	Dr. Muhammad Azeem	Chemistry	Abbottabad	Development of Indigenous Herbs Based Mosquito	In Process
3555	Pakistan Science Foudation	Dr. Touqir Ali Sherazi	Chemistry	Abbottabad	The Water Energy Nexus: Dealing the challenge through developing an effiecnt and cost effective capactive deionization process to purify water for drinking and energy generation purpose	In Process
3556	Pakistan Science Foudation	Dr. Aamira Tariq	Biosciences	Islamabad	Devising a cost-effective approach for effiecnt breast cancer diagnosis	In Process
3557	Pakistan Science Foudation	Dr. Sabaz Ali	Biotechnology	Abbottabad	Isolation and identification of siderophore bacteria from wheat rhizophere irrigated with industrial effuent and evaluating their phytoemediation potential analyzing related genes expression and proteomics studies	In Process
3558	Pakistan Science Foudation	Dr. Nazish Bostan	Biosciences	Islamabad	Bovine Leukemia virus zoonotical potential and its involment in human breast cancer in Pakistani females and development of diagnostics assay	In Process
3559	Pakistan Science Foudation	Dr. Faiza Sharif	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Low cost organic Bioactive Hydrogel Dressings for Burns and Chronic Wounds	In Process
3560	Pakistan Science Foudation	Dr. Farah Masood	Biosciences	Islamabad	Membrane Technology for Wastewater Treatment	In Process

3561	Pakistan Science Foudation	Dr. Iftikhar Ahmad	Env-Sciences	Vehari	Synthesis and Application of Novel Biochemical Material to Enhance Phytoemediattion of Heavy Metals	In Process
3562	Pakistan Science Foudation	Dr. Muhammad Yar	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Scaleup production of emergency medical Aid waterjel for severs burn inhuries improving burncare health standerds in Pakistan	In Process
3563	Pakistan Science Foudation	Dr. Farah Masood	Biosciences	Islamabad	Green Materials for food Packing Industry	In Process
3564	Pakistan Science Foudation	Dr. Sobia Tabassum	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Advanced and economical osteo 3D ,oldable putty for treatment of bone and spinal defects- Preclininc trails and sclae up production- A step forward from lab to patient	In Process
3565	Pakistan Science Foudation	Dr. Shujaat Ali Khan	Electrical & Computer Engineering	Attock	Intelligent sensing for connected health indigital cities	In Process
3566	Pakistan Science Foudation	Dr. Muhammad Zakir Ali	Env-Sciences	Vehari	Understanding and expoliting communication between plant growth promoting rhizobacteria and cultivated plants for sustainable agriculture in Pakistan	In Process
3567	Pakistan Science Foudation	Dr. Shamyala Nawazish	Env-Sciences	Abbottabad	Nanoparticales dopped fabric filters to mitigate air pollutants impact at hattar industrial Estate	In Process
3568	Pakistan Science Foudation	Dr. Huma Ajab	Chemistry	Abbottabad	Cost Effective nanozyme sensing platfrom for onsite food additives on-to-one care	In Process
3569	Pakistan Science Foudation	Dr. Muhammad Usman Shahid Khan	Computer Science	Abbottabad	Blocking unwanted videos of Youtube and Tiktok	In Process
3570	Pakistan Science Foudation	Dr. Muhammad Zaffar Hashmi	Chemistry	Islamabad	Method development and Pakistan-specific knowledge for better Management of antimicrobial Resistant Bacteria and Antimicrobial Resistant Genes	In Process
3571	Pakistan Science Foudation	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Investigation for low-Cost, effiecnt,stable, and Air Processe Metal Oxide/ Graphene Oxide Based Perovstike Solar Cells	In Process
3572	Pakistan Science Foudation	Dr. Umer Farooq	Chemistry	Abbottabad	Identifying potential multitarget antibiotic drug candidate using combined computational and experimental approach for multiresistant streptococcus pneumonia	In Process
3573	Pakistan Science Foudation	Dr. Asghar Shabbir	Biosciences	Islamabad	Traeatment of multiple sclerosis MS through the induction of oligodendrocyte preeursor cells (OPCs) proliferation using bioactive Lolecules extracted from honey black seed kalonji and Ajwa date	In Process
3574	Pakistan Science Foudation	Dr. Muhammad Shahid Nazir	Chemistry	Lahore	Production of carboxymethyl cellulose and nano cellulose from abundantly available Agrowaste	In Process
3575	Pakistan Science Foudation	Dr. Usman Irshad	Env-Sciences	Abbottabad	Synchronizing organic amendmets plus microbial inoculant drivers to mobilize phosphorus for different cropping system	In Process
3576	Pakistan Science Foudation	Dr. Sobia Tabassum	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Shapeable Osteogenic Putty for Enhanced Skeletal Defact Repair-Pilot Lovel Production and Pre- Clinical Trials	In Process
3577	Pakistan Science Foudation	Dr. Muhammad Abuzar	Electrical & Computer Engineering	Sahiwal	Metasurface based Efficient Energy Harvester Operating at 5G Spectrum	In Process

3578	Pakistan Science Foudation	Dr. Sundus Javed	Biosciences	Islamabad	Development of a metagenomics based predictive model to prevent transmission of AMR zoonotic pathogens in poultry	In Process
3579	Pakistan Science Foudation	Dr. Madad Khan	Mathematics	Abbottabad	Diversified reasoning and its application in data analysis and intelligent decision making	In Process
3580	Pakistan Science Foudation	Dr. MuhammadMohsin Khan	Electrical & Computer Engineering	Islamabad	Automatic Rice and Tea Leaf Analysis using Image Processing Techniques	In Process
3581	Pakistan Science Foudation	Dr. Sabaz Ali Khan	Biotechnology	Abbottabad	Effects of Phosphorus Supply Levels on Zinc Translocation from Salt-Alkali Soil to Wheat	In Process
3582	Pakistan Science Foudation	Dr. Rabia Naseem	Electrical & Computer Engineering	Islamabad	3D Reconstruction based on Weak supervision and lifelong strategy in minimally invasive abdominal surgery Navigation	In Process
3583	Pakistan Science Foudation	Dr. Akhtar Hayat	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Study on the information mining and rapid intelligent detection mechanism of quality and safety of tea during high value processing	In Process
3584	Pakistan Science Foudation	Dr. Muhammad Abid	Electrical & Computer Engineering	Wah	Multi-scale integrated design of ceramic matrix composites based on additive manufacturing	In Process
3585	Pakistan Science Foudation	Dr. Talha Younas	Electrical & Computer Engineering	Sahiwal	A framework to optimize irrigation and application of pesticides in agriculture through smart artificial intelligence and advanced robotics	In Process
3586	Pakistan Science Foudation	Dr. Zeeshan Ali	Biosciences	Sahiwal	Research on the real time in situ detection of BPs in food using Carbon fiber @ metal organic framework-based single-atom array	In Process
3587	Pakistan Science Foudation	Dr. Main Hasnain Nawaz	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Fabrication of 3D printed interface for efficient estimation of meat spoilage	In Process
3588	Pakistan Science Foudation	Dr. Muhammad Tahir	Env-Sciences	Vehari	Formulation and development of bacterial based bio-herbicide to mitigate soil and food chain pollution	In Process
3589	Pakistan Science Foudation	Dr. Murid Hussain	Chemical Engineering	Lahore	Studies on the Prevention and Control of Salmonella in Pigeon Farms using Nano-Lab Probiotics	In Process
3590	Pakistan Science Foudation	Dr. Muhammad Sharif	Computer Sciences	Wah	Real-Time Anomaly Detection through CCTV Cameras using Deep Learning	In Process
3591	Pakistan Science Foudation	Dr. Kalim Ullah	Meteorology	Islamabad	Impact of Arctic Warming on Enhanced Risk of Droughts over Mid-Latitudinal Asia with Special Focus on Pakistan and North China	In Process
3592	Pakistan Science Foudation	Dr. Imran Ghous	Electrical & Computer Engineering	Lahore	Stability analysis and control design for nonlinear positive system with time-delay	In Process
3593	Pakistan Science Foudation	Dr. Muhammad Sajjad	Biosciences	Islamabad	Development of a blue seed sorting system for the third generation hybrid seed production in barley	In Process
3594	Pakistan Science Foudation	Prof.Dr. Muhammad Abid	Mechanical Engineering	Wah	Research on the application of advanced signal processing technology of underwater robot and sonar in the fields of water, food and Security	In Process
3595	Pakistan Science Foudation	Dr. Muhammad Imran Shahzad	Meteorology	Islamabad	Related Mechanisms of Typical Tropical Cyclone Processes in local sea areas of Maritime Silk Road	In Process

3596	Pakistan Science Foudation	Dr. Muhammad Sajjad	Biosciences	Islamabad	CRISP/Cas9-mdeiated knockout of TaNPI genes to develop complete male sterile wheat lines in Pakistan	In Process
3597	Pakistan Science Foudation	Dr. Fozia Rehman	Interdisciplinary Research Centre in Biomedical Materials(IRCBM	Lahore	Antibiotics and antibiotic resistance genes in Ravi River(Punjab Pakistan) polluted by pharmaceutical manufacturing plant discharge: Occurrence,propagation and effects	In Process
3598	Pakistan Science Foudation	Dr. Farah Masood	Biosciences	Islamabad	Preparation and application of nanocomposite membranes for removal of heavy metals and bacterial contamination from drinking water samples	In Process
3599	Pakistan Science Foudation	Dr. Haroon Ahmed	Biosciences	Islamabad	Risk Factors and Molecular Characterization of Lumpy Skin Disease Virus(LSDV) Emerged in Pkaistan	In Process
3600	Pakistan Science Foudation	Dr. Muhammad Imran Amirzada	Pharmacy	Abbottabad	Exosomes Mediated Delivery of Letrozole for Breast Cancer	In Process
3601	Pakistan Science Foudation	Dr. Saqlain Raza	Mathematics	Islamabad	Value -addition and b usiness model for improving honey export	In Process
3602	Pakistan Science Foudation	Dr. Faisal Khan	Electrical & Computer Engineering	Abbottabad	High Torque Density and Efficient Permanent Magnet BLDC Motor for future Electric Bike	In Process
3603	Pakistan Science Foudation	Dr. Umar Farooq	Chemistry	Abbottabad	Investigation on the structure and properties of Si-based nanoclusters based on size-selective photoelectron spectroscopy	In Process
3604	Pakistan Science Foudation	Dr. Hamza Qayyum	Physics	Islamabad	Exploring Pils Laser Deposition Technique for Enhanced Photoanode Fabrication in Plasmonic Metal-Oxide Photocatalysts	In Process
3605	Pakistan Science Foudation	Dr. Huma Ajab	Chemistry	Abbottabad	Chemical Fingerprinting Industrial Wastewater with coinage Nanomaterials Enhanced Raman Scattering for Groundwater Pollution Tracing in Pakistan	In Process
3606	Pakistan Science Foudation	Dr. Romana Khan	Env-Sciences	Abbottabad	Biafunctional Heterogeneous Catalysts for Biodiesel Production from used cooking Oil	In Process
3607	Pakistan Science Foudation	Dr. Bibi Saima Zeb	Env-Sciences	Abbottabad	Exploration on High-value and High -efficient Recycling Route of Organic waste	In Process
3608	Pakistan Science Foudation	Dr. Rabnawaz Bashir	Computer Sciences	Vehari	Smart Irrigation Water Management by Internet of Things and Artificial Intelligence	In Process
3609	Pakistan Science Foudation	Dr. Farooq Ahmad	Computer Sciences	Lahore	Building Trustworthy AL for Critical Application: A Focus on Roustness and Reliabilty	In Process
3610	Pakistan Science Foudation	Dr. Kashif Tufail	Physics	Lahore	Study and fabrication of flexible electrodes based on carbon nanotubes decorated with Metallic Particles	In Process
3611	Pakistan Science Foudation	Dr. Rizwan Raza	Physics	Lahore	Investigation of the construction and intensified charge carrier transporation mechanism of metal-supported semi-ionic fuel cells for green energy conversion	In Process
3612	Pakistan Science Foudation	Dr. Muhammad Shahzad Khurram	Chemical Engineering	Lahore	Study of high-throughput controllable directional catalytic gasification of low-quality biomass in high-pressure bubbling fluidized beds using steam and CO2 as gasifying agent	In Process
3613	Pakistan Science Foudation	Dr. Abdur Rehim	Chemistry	Islamabad	Funbtional peptide-based self-assembly nanomaterials for targeted cancer theranostics	In Process

3614	Pakistan Science Foudation	Dr. Zia ul Haq Khan	Chemistry	Islamabad	Theoretical study on degradation mechanism of three typical organophosphorus pesticides in water environment	In Process
3615	Pakistan Science Foudation	Dr. Muhammad Sajjad	Biosciences	Islamabad	CRISPR/Cas9- mediated knockout of TaNP/genes to develop complete male sterile wheat lines in Pakistan	In Process
3616	Pakistan Science Foudation	Dr. Zobia Noreen	Biosciences	Islamabad	Development of Anti-Biofilm Nano-coating Material for Drinking Water Supply System-Control of Waterborne Pathogens and Antimicrobial Resistance Genes	In Process
3617	Pakistan Science Foudation	Dr. Fahad Munir Abbasi	Mathematics	Islamabad	Machical and Thermodynamical analysis of the motion of Nano-Liquid: Optimizing Industrial and Biomedical Application of Nano-Liquids	In Process
3618	Pakistan Science Foudation	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Designing and Development of durable and high efficient anion exchange membrane for sustainable water electrolysis hydrogen production system	In Process
3619	Pakistan Science Foudation	Prog. Dr. Khuda Bakhsh	Economics	Vehari	Global Solution for sustainable biomass waste utilization and Ash-to- Fertilizer recycling	In Process
3620	Pakistan Science Foudation	Dr. Khurram Ali	Electrical & Computer Engineering	Lahore	Intelligent Sensing and Cooperative control of Multiple Air-Water Amphibious Vehicles	In Process
3621	Pakistan Science Foudation	Dr. Fawad Azeem	Energy Research Centre	Lahore	Planning-dispatching-control coordination in Pakistan industrial park-level green microgrid for power supply assurance	In Process
3622	Pakistan Science Foudation	DR. Muhammad Imran	Biosciences	Islamabad	Functional nano-pharmaceutics for the enhancement of antimicrobial therapy against pulmonary infections	In Process
3623	Pakistan Science Foudation	Dr. Mian Husnain Nawaz	IRCBM	Lahore	Advancing Multiplexed Clinical Analysis Through Engineering Transition Metal Dichalcogenide-based nanocomposite sensors	In Process
3624	Pakistan Science Foudation	Dr. Muhammad Akram	IRCBM	Lahore	Nanostructured polymer materials for pressure sensitive paints	In Process
3625	Pakistan Science Foudation	Dr. Arslan Ahmed	IRCBM	Lahore	Self-oxygenated light/Glucose Driven nanomotor based photodynamic drug delivery system for breast cancer treatment	In Process
3626	Pakistan Science Foudation	Dr. Mukhtar Ahmad	Physics	Lahore	Application of Nanotechnology for arsenic contaminations control of drinking water in Pakistan monitoring and treatment	In Process
3627	Pakistan Science Foudation	Dr. Muhammad Ashfaq Ahmad	Physics	Lahore	Mechanism investigation of wide temperature range, high-power and long-lifetime aqueous Zn ion batteries	In Process
3628	Pakistan Science Foudation	Dr. Ishrat Sultana	Physics	Lahore	Development of magical Double skin window/facades for thermal Insulation and Electric Power Generation from solar Energy	In Process
3629	Pakistan Science Foudation	Dr. Muhammad Habib	Physics	Lahore	Fabrication of environment-friendly biomass derived 3D free standing electrode and its realization into a commercial prototype superior energy storage device	In Process
3630	Pakistan Science Foudation	Dr. Malik Tahir Hayat	Env-Sciences	Abbottabad	Photocatalytic Reduction of CO ₂ on Niomass-driven Photocatalysts at the Gas- Liquid Interface of Microdroplets	In Process

3631	Pakistan Science Foudation	Dr. Tariq Umer	Computer Sciences	Lahore	Research on Multi-Vehical Cooperation Technology of New Energy Autononmous Vehicles toward intelligent and Green Transportaion	In Process
3632	Pakistan Science Foudation	Prof. Dr. Jamshed Iqbal	Chemistry	Abbottabad	Protein Design Based on deep learning andfunction validation	In Process
3633	Pakistan Science Foudation(PSF)	Dr. Imtiaz Ali Khan	Entomology	Abbottabad	Collection indentifying and preservation of insect pests and their natural enemies at the Ayubia National Park	In Process
3634	Pakistan Science Foundation	Prof. Dr. Robina Farooq	Chemistry	Lahore	Optimization and leaching and recovery of metals from eelectronoc waste" under PSF-TUBITAK)	In Process
3635	Pakistan Science Foundation	Dr. Nawshad Muhammad	IRCBM	lahore	Probe sonication assisted catalytic conversation of waste cooking oil to biodiesel using ionic liquids	In Process
3636	Pakistan Science Foundation	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	lahore	Promotion of low cost solar energy solutions for small and medium house holds in Pakistan"	In Process
3637	Pakistan Science Foundation	Dr. Hafiza Fakhre Ikram	IRCBM	Lahore	Inhibition of the WNT signaling pathway by 3d hybrid printing of PCL-hydrogel with functional keratin for cartilage protection	In Process
3638	Pakistan Science Foundation	Dr. Haroon Ahmad	Biosciences	Islamabad	Molecular genotyping risk assessment and control of cystic echinococcosis in Pakistan and Turkey	In Process
3639	Pakistan Science Foundation	Dr. Khuda Baksh	Economics	Vehari	Keys to ecofriendly distributed heat supply via low- temprature combustion of biomass residues and ash fertilizer recycling	In Process
3640	Pakistan Science Foundation	Dr. Humaira Yasmin	Biosciences	Islamabad	Comparative Biospired Activity of Silica and Mesoporous Silica Nanoparticles Grafted Superabsorbent Hydrogel in Agriculture	In Process
3641	Pakistan Science Foundation	Dr.Salman Khan	Physics	Islamabad	Loschmidt echo and quantum speed limit time of qubits interacting with noisy enviroments	In Process
3642	Pakistan Science Foundation	Dr. Muhammad Awais Javed	Electrical & Computer Engineering	Islamabad	Smart Security Information and event management to scure Cyber Space (Therat Hawk)	In Process
3643	Pakistan Science Foundation	Dr. Ayaz Hassan	IRCBM	Lahore	Development of Highly Sensitive and Selective impedimetric biosensor for the real time Non-invasive oral cancer	In Process
3644	Pakistan Science Foundation	Dr. Muhammad Khalil Afzal	Computer Sciences	Wah	Optimizing deep learning model for dengue fever prediction	In Process
3645	Pakistan Science Foundation	Dr. Muhammad Akram	IRCBM	Lahore	Natural dyes as indicaors for milk spoilage	In Process
3646	Pakistan Science Foundation	Dr. Madiha Saeed	IRCBM	Lahore	Development of injectable therapeutic hydrogel for customizable delivery of chemotherapy and immunotherapy drugs in breast cancer from bench to clinic	In Process
3647	Pakistan Science Foundation	Dr. Sobia Tabassum	IRCBM	Lahore	Multifunctional smart hydrogels to combat infection and modulate inflammation: A competent Therapy for periodontitis	In Process
3648	Pakistan Science Foundation	Dr. Shumaila Javed	Mathematics	Islamabad	Novel Fractional Modeling of Dengue Epidemics in the presence of Wolbachia: Machine Learning/ Deep Learning Algorithms	In Process

3649	Pakistan Science Foundation	Dr. Ghulam Mustafa Shah	Env- Sciences CUI	Vehari	Formulation of Pelletized Nano Organic-fertilizers for improved N Cycling through wast soil plant Continuum	In Process
3650	Pakistan Science Foundation	Dr. Sana Sabahat	Chemistry, CUI	Islamabad	Prototyping Device Fabrication of Solid Oxide Fuel Cell	In Process
3651	Pakistan Science Foundation	Dr. Muhammad Tahir	Bio- Sciences	Vehari	Development of slow-release nitrogenous fertilizer through coating of Urea with magnetite nanoparticles and metal tolerant plant growth promoting rhizobacteria	In Process
3652	Pakistan Science Foundation	Dr. Muhammad Saeed	Bio- Sciences	Islamabad	Development of DNA methylation based Tumor Biomarkers for early breast cancer detection	In Process
3653	Pakistan Science Foundation	Dr. Shamyala Nawazish	Env Sciences	CUI Abbottabad	Application of green natural nano gels for the removal of contaminants to mitigate the water and air pollutants of steel mills at Hattar industrial Estate , KPK Pakistan	In Process
3654	Pakistan Science Foundation	Bawar Iftikhar	Civil Engineering	CUI Abbottabad	Development of Sustainable cementless Plastic sand Paver Blocks from Plastic Waste and Sand	In Process
3655	Pakistan Science Foundation	Dr. Muhammad Sajjad	Bio- Sciences	Islamabad	Introduction of high yielding, drought tolerant Hulled food Barley elite lines as candidate varieties and their utilization in food barley breeding programs	In Process
3656	Pakistan Science Foundation	Dr. Farast Iqbal	IRCBM CUI, Lahore	Lahore	Local Development and Advancement of Biomedical devices - Proof of Concept Model Facility for Research, Processing & Pilot Scale Production of Metallic Biomedical Devices	In Process
3657	Pakistan Science Foundation	Dr. Muhammad Shahid Nazir	Chemistry	Lahore	Catalytic conversion of local to value-addition product: microcrystalline cellulose as precursor/additive for product in industry of Pakistan	In Process
3658	Pakistan Science Foundation (PSF)	Dr. Rafaqat Hussain	Physics	Islamabad	Mechanical behaviour of collagen/hydroxyapatite interface: a molecular dynamic study	In process
3659	Pakistan Science Foundation (PSF)	Dr. Qaisar Mahmood	Environmental Sciences	Abbottabad	Performance evaluation of ultra high molecular weight polyacrylic acid as sand fixer and dust suppressant	In Process
3660	Pakistan Science Foundation (PSF)	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Stable high performance printed flexible perovskite solar cells based on porphyrins as hole transport layer and graphene quantum dots as electron transport layer	In Process
3661	Pakistan Science Foundation (PSF)	Dr. Amara Mumtaz	Chemistry	Abbottabad	Design new-type and self-doped hole-transporting materials for highly-efficient and stable perovskite solar cells	In Process
3662	Pakistan Science Foundation (PSF)	Dr. Bushara Ismail	Chemistry	Abbottabad	Graphene/metal sulphide ordered structure hybrid counter electrodes: Design, fabrication and catalytic mechanism	In Process
3663	Pakistan Science Foundation (PSF)	Dr. Syeda Sitwat Batool	Physics	Islamabad	Enhanced hydrogen evolution from heterostructured metal oxide nanofibers via water splitting and internal energy and mass transfer	In Process
3664	Pakistan Science Foundation (PSF)	Dr. Adeel Mehmood	Electrical Engineering	Islamabad	Control of 1.2 KW polymer electrolyte membrane (PEM) fuel cell based hybrid energy lab system	In Process
3665	Pakistan Science Foundation (PSF)	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Development of functional biomaterials for biomedical applications using cell-free and bioprinting technology	In Process

3666	Pakistan Science Foundation (PSF)	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Efficient infrared quantum dot solar cells by using plasmonic effects of metallic nanorods and further optimization by multiscale simulations	In Process
3667	Pakistan Science Foundation (PSF)	Dr. Rabiya Badar	Electrical Engineering	Islamabad	Design and implementation of fuzzy logic control-based MPPT algorithm for PV system	In Process
3668	Pakistan Science Foundation (PSF)	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Photocatalytic materials: Surface and interface regulation of crystalline silicon photoelectrode and its energy transfer mechanism study	In Process
3669	Pakistan Science Foundation (PSF)	Dr. Sikander Rafiq	Chemical Engineering	Lahore	Fabrication of COF incorporated hybrid membranes for textile effluent	In Process
3670	Pakistan Science Foundation (PSF)	Dr. Jabir H Syed	Meteorology	Islamabad	Impacts of megacities on regional atmospheric environment- A comparative study of emission transformation and effects of urban pollution from Pakistan and Hong Kong	In Process
3671	Pakistan Science Foundation (PSF)	Dr. Muhammad Umar	Meteorology	Islamabad	The formation mechanisms of flash and debris flows in the upper indus basin and their potential risk to hydropower development	In Process
3672	Pakistan Science Foundation (PSF)	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Solid state hybrid graphene quantum dot-semiconductor quantum dot heterojunction thin film solar cells	In Process
3673	Pakistan Science Foundation (PSF)	Dr. Rizwan Raza	Physics	Lahore	Novel Concept for fuel cells using Nanohybrid electrolytes" Joint Research Proposal of Pakistan Science Foundation (PSF) and IRAN.	In process
3674	Pakistan Science Foundation (PSF)	Dr. Muhammad Abid	Mechanical Engineering	wah	Life Prediction studies for water reservoirs, Barrages and channels against sediments	In process
3675	Pakistan Science Foundation (PSF)	Dr. Khalid Rauf	Pharmacy	Abbottabad	Preclinical profiling of selected heterocyclic compounds for nicotine dependence	In process
3676	Pakistan Science Foundation (PSF)	Dr. Muhammad Qaiser Fatmi	Biosciences	Islamabad	Developing dengue NS3 protein prototype drug candidate using computational and experimental approaches	In process
3677	Pakistan Science Foundation (PSF)	Dr. Toqeer Ahmad	CCRD	Islamabad	Application of Engineered Biochar in Reducing Micro Pollutants from Industrial and Agricultural Water Pollution	In process
3678	Pakistan Science Foundation (PSF)	Dr. Hammad Omer	Electrical Engineering	Islamabad	Reducing MRI Scan Time using Advance Algorithms	In process
3679	Pakistan Science Foundation (PSF)	Nighat Fatima	Parmacy	Abbottabad	A new paradigm shift for the green synthesis of nanoantibiotics utilizing endophytic fungal extracts against emerging metallo-B-lactamases producing multi-drug resistant gram-negative bacteria.	In process
3680	Pakistan Science Foundation (PSF)	Dr. Arsalan Ahmed Ansari	IRCBM	Lahore	Drug Incorporated medical bandages from natural fibers.	In process
3681	Pakistan Science Foundation (PSF)	Dr. Amara Mumtaz	Chemistry	Abbottabad	Small molecular acceptor based on coumarin derivatives for fullerene-free low cast organic solar cells.	In process

3682	Pakistan Science Foundation (PSF)	Dr. Muhammad Arfat Yameen	Pharmacy	Abbottabad	Evaluation of enhanced antibacterial effect of photosensitized polymeric drug loaded nanoparticles against clinical isolates of methicillin resistant staphylococcus.	In process
3683	Pakistan Science Foundation(PSF)	Dr. Robina Farooq	Chemistry	Lahore	Conversion of organics in municipal wastewater to bioelectricity	In Process
3684	Pakistan-Belarusian Joint Commission on Science and Technology	Dr. Najeeb ur Rehman	Physics	Islamabad	Low temperature plasma applications in Ecological farming	In Process
3685	PakistanInstitute of Development Economics	Dr. Muhammad Imran Shahzad	Meteorology	Islamabad	Sustainable tourism potential assessment for small coastal cities of Pakistan :A socio-economic approach for local economic growth	In Process
3686	Pakistan-US Alumni Newtork	Dr. Ayesha Baig	Environmental Sciences	Abbottabad	Molecular characterriatio of major bacterial diseases of potatos in abbottabad	In process
3687	PAK-Malaysia	Dr. Nazia Suleman	Humanities	Vehari	Verifying the terminology of information and communication technology (ICT) developed for the urdu language: A case study in COMSATS, Pakistan and university utara malaysia	In Process
3688	PAK-Sri Lanka	Dr. Mohsin Riaz	CAST	Islamabad	Automatic rice and tea leaf analysis using image processing techniques	In process
3689	Pak-Sri-Lanka Faculty Exchange Program	Dr. Muhammad Rashad Javed	Env-Sciences CUI	Vehari		In Process
3690	Pak-Turk Mobility Grant	Dr. Muhammad Khalil Afzal	CS	Wah	Deep learning for time series based traffic speed estimation using lstm in smart cities	In Process
3691	Pak-Turk Mobility Grant	Dr. Zia Uddin	Pharmacy	Abbottabad	Synthesis of Ag, Au mono and agau bimetallic nanoparticles using extract of sage leaves and juniper (juniperus oxycedrus L) cones and seeds and determination of their anti cancer activities	In Process
3692	PAK-United States	Dr. Syed Ali Mustajab	Biosciences	Islamabad	Identifying biomarkers through lipidomic profiling of exosomes in the general adult population exposed to arsenic through drinking water in Pakistan	In process
3693	PAK-United States	Dr. Ishrat Mahjabeen	Biosciences	Islamabad	MicroRNA determinants of oral tongue cancer metastasis	In process
3694	PAK-United States	Dr. Fariha Khan	Biosciences	Islamabad	Expanding therapeutic toolbox for diabetic nephropathy: Biomarkers and plant -based epigenetic drug discovery	In process
3695	PAK-United States	Dr. Nighat Fatima	Pharmacy	Abbottabad	Structural identification of secondary metabolites from endophytic fungi for targated drug delivery in cancer treatment	In process
3696	PAK-United States	Dr. Zakir Ali	Environmental Sciences	Vehari	Wheat salt-tolerance induction by beneficial soil bacteria: Mapping of action to increase crop production in Pakistan and United Staes agriculture	In process
3697	PAK-United States	Dr. Abid Ali Khan	Biosciences	Islamabad	Rod-like bionanoparticles as enabling platforms for advancing biosensor research education and biotechnology applications	In process

3698	PAK-United States	Dr. Syeda Sitwat Batool	Physics	Islamabad	Hydrogen production from heterostructured metal oxide nanofibers by upconversion enhanced photocatalysis	In process
3699	PAK-United States	Dr. Sidra Rehman	Environmental Sciences	Abbottabad	Molecular based screening purification of natural compounds from Pakistani medicinal flora for chemoprevention of breast cancer and strengthening of health biotechnology research in Northern areas of Pakistan	In process
3700	PAK-United States	Dr. Zahid Ali	Biosciences	Islamabad	Developing guidelines, protocols and a training program for conducting a science-based safety evaluation of genetically modified food crops for Pakistan based on CODEX Alimentarius guidelines	In process
3701	PAK-United States	Dr. Athar Hussain	Meteorology	Islamabad	Investigation of drought mechanism and impacts assessment on food security crops in Pakistan	In process
3702	PAK-United States	Dr. Habib Bukhari	Biosciences	Islamabad	Climate driven evolutionary trends in vibrio population & developing early warning & control strategies for cholera	In process
3703	PAK-United States	Dr. Noor Samad Shah	Environmental Sciences	Vehari	Fundamental studies of the adsorption and photochemical transformation of arsenic species by natural organic matter-coated nano-sized iron particles	In process
3704	PAK-United States	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Simulating the effect of organic matter addition in enhancing availability of phosphorus for wheat-maize cropping system under changing climate of southern Punjab Pakistan	In process
3705	PAK-United States	Dr. Abdul Mannan	Environmental Sciences	Abbottabad	A center plasmodium research and use of artemisia species to control vivax malaria	In process
3706	PAK-United States	Dr. Jamshed Iqbal	CADR	Abbottabad	Development of microfluidics device for investigation of molecular mechanisms of antibiotic resistance in Pakistan	In process
3707	PAK-United States	Dr. Sajid Qamar	Biosciences	Islamabad	Exchange of academic research excellence in the field of quantum optics	In process
3708	PAK-United States	Dr. Arshan Nasir	Biosciences	Islamabad	A Biobank for whole esome and microbiome sequencing in Pakistan: Toward personalized medicine by promoting long term biomedical research sustainability and industry competitiveness	In process
3709	PAK-United States	Dr. Syed Muhammad Nurulain	Biosciences	Islamabad	Pharmacological modulation of the metabotropic receptor subtype 7 "mGLuR7" alters morphine-conditioned place preference in rats	In process
3710	PAK-United States	Dr. Ahmad Ali	Biosciences	Sahiwal	Improvement and conservation of institutional herds of sahiwal and cholistani cattle under RCCSC progeny testing program through genome analysis techniques	In process
3711	PAK-United States	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Establishing an antimicrobial resistance dashboard for Pakistan: A strategic tool to link therapeutic resistance to environmental gene pool	In process

3712	PAK-United States	DR. Abdul Jabbar Shah	Pharmacy	Abbottabad	Establishment of state of the art pharmacological research facilities in Pakistan for the exploration of demicinal plants derived drugs for the management of cardiovascular diseases	In process
3713	PAK-United States	Dr. Muhammad Awais	Electrical Engineering	Islamabad	MobAssist: Indoor mobility assistance for the physically disabled using sensor networks	In process
3714	PAK-United States	Dr. Ramla Shahid	Biosciences	Islamabad	Role of Trna METHYL TRANSFERASES 9 LIKE(H trm9L) protein in cancer progression	In process
3715	PAK-United States	Dr. Irfan Sadiq	Biosciences	Islamabad	Induction of resistance in banana (Musa acuminata) against banana bunchy top virus by natural compounds as priming agent and to explore molecular aspects of defense priming	In process
3716	PAK-United States	Dr. Muhammad Imran	Biosciences	Islamabad	Phage endolysins based (Nano-) technology to control food borne illnesses: Implications improving dairy foods safety in Pakistan and United States	In process
3717	PAK-United States	Dr. Sumaira Farrukh	Biosciences	Islamabad	Proteomics analysis of wheat-strip rust interaction	In process
3718	PAK-United States	Dr. Ijaz Ali	Biosciences	Islamabad	Characterization of human GUT microbiome and virome of colorectal cancer patients	In process
3719	PAK-US	Dr.Akhtar Hayat	IRCBM	Lahore	Cooperative partnership to Build Educational and Research Infrastructure on Field Portable Devices for Food Safety and Security Applications	In Process
3720	PAK-US	Dr. Habib Bokhari	Biosciences	Islamabad	Water & Health: Warming Oceans and Cholera Spread on Inland Areas through Aquatic Environment and Developing simple water purification point-of-Use Technology	In Process
3721	PAK-US Research Grant Program in Water 2018	Dr. Najeeb ur Rehman	Physics	Islamabad	Degradation of arsenic (III & V) from drinking water via non-thermal plasma"under PAK-US	In Process
3722	Pak-US Fellowship Program	Dr.Ather farooq Khan ,Dr m. Yar, Dr.Faiza Sharif , Dr .Asma Tufail,Dr .Farasat Iqbal	IRCBM	Lahore	Pak-US Fellowship program	In Process
3723	Pak-US Joint Research	Dr. Sajjad Ahmad Madani	Computer Science	Abbottabad	Research , infrastructure and human resource development in Pakistan for cyber physical system	In Process
3724	Pak-US Joint Research	Dr. Sajjad Ahmad Madani	Computer Science	Abbottabad	Research , infrastructure and human resource development in Pakistan for cyber physical system	In Process
3725	Pak-US Joint Research	Dr. M. Qaisar Fatmi,	Biosciences	Islamabad	Identifying Tryptophan syntheses inhibitors to combat tuberculosis and food borne disease (salmonellosis): A combined in silicon and in vitro approach	In Process
3726	Pak-US Joint Research	Dr. Muhammad Imran	Biosciences	Islamabad	Food -borne illness control by functionalized nano-biobullets: Synergistic mechanism of bacteriocin and intrinsically active nanoliposome with eco-friendly controlled delivery system	In Process
3727	Pak-US Joint Research	Dr. Robina Farooq	Chemical Engineering	Lahore	Development of microbial electrochemical system for the conversion of carbon dioxide into chemical feedstock	In Process

3728	Pak-Us Joint Research	Dr. Sajjad Ahmad Madani	Computer Science	Abbottabad	Maize Breeding: Mathematical Modeling and Data-Intensive simulation	In Process
3729	Pak-Us Joint Research	Dr. Shaheena Tariq	Meteorology	Islamabad	Air querdety studies of islamabad and surrending areas	In Process
3730	Pak-Us Joint Research	Dr. Raheel Qamar	Biosciences	Islamabad	Molecular approach for the diagnosis, management and treatment of ciliopathies in Pakistan	In Process
3731	Pak-Us Joint Research	Dr. Sajjad Ahmad Madani	Computer Science	Abbottabad	Design and Development of Simulation toolkit to promote education and research in the field of optical fiber communication among students and faculty of Pakistan	In Process
3732	Pak-Us Joint Research	Dr. Abida Farooqi	Biosciences	Islamabad	Targeting low-arsenic and low-fluoride groundwater for reducing exposure in rural Punjab, Pakistan	In Process
3733	Pak-Us Joint Research	Prof. Dr. Arshad Saleem Bhatti	Physics	Islamabad	Development of microtechnology based biosensors for early water borne pathogen detection and its removal: Microfluidic and molecular devices based solutions	In Process
3734	Pak-Us Joint Research	Dr. Abdul Jabbar Shah	Pharmaceutical Sciences	Abbottabad	Establishment of pharmacology research facilities in Pakistan for the initiation of front line research	In Process
3735	Pak-Us Joint Research	Dr. Aqif Anwar Ch.	IRCBM	Lahore	Synthesis and biological evaluation of affordable scaffolds for pntial bone regeneration applications	In Process
3736	PCST	Dr. Rabia Naz	Biosciences	Islamabad	Enhancement of disease resistance and growth potential of tomato by beneficial endophytic bacteria	In Process
3737	PCST	Dr. Rumana Keyani	Biosciences	Islamabad	The molecular analysis of effect ofphytohormone and spermidine on tomato growth under biotic stress	In Process
3738	PCST	Dr. Kalim Ullah	Meteorology	Islamabad	Tropical cyclogenesis prediction in the arabian sea	In Process
3739	PCST	Dr. Asia Noshen	Biosciences	Islamabad	Evaluating the bioremediation potential of para grass for heavy metal contaminated water	In Process
3740	PERIDOT (Pak-France Joint Research Project)	Dr. Maira Janjua	Biosciences	Islamabad	Local isolates of lactic acid bacteria as potential probiotics: their genotyping and evlution for resistance against gastric stressess and their cholesterol lowering effect	In Process
3741	PERIDOT (Pak-France Joint Research Project)	Dr. Rizwan Raza	Physics	Lahore	Functional nanocomposites for advanced fuel cell technology	In Process
3742	PMRH	Dr. Haroon Ahmad	Biosciences	Islamabad	Molecular and epidemiological investigation of echinococcosis in Pakistan	In process
3743	Post Doctoral Fellowship	Dr. Ghulam Murtaza	Pharmacy	Abbottabad	Magnetic anticancer twin nanoparticles for cancer therapy	in process
3744	Prime Minister Task Force on Technology Based Knowledge Economy	Dr. Jamshed Iqbal	CADR	Abbottabad	A clinical selective P2X and P2Y receptor antagonists for remedying inflammatory bowel disesses	In Process
3745	Prime Minister Task Force on Technology Based Knowledge Economy	Dr. Fahad Rehman	Chemical Engineering	Lahore	Development of pilot plant for biodiesel production	In Process
3746	Prime Minister Task Force on Technology Based Knowledge Economy	Dr. Nadia Nawaz	Electrical & Computer Engineering	Wah	Irricomm a modular iot system for precision agriculture	In Process

3747	Prime Minister Task Force on Technology Based Knowledge Economy	Dr. Muhammad Fasih uddin Butt	Electrical & Computer Engineering	Islamabad	Development of a commercial iot based aquaponics system	In Process
3748	Prime Minister Task Force on Technology Based Knowledge Economy	Dr. Ishfaq Ahmad	CCRD	Islamabad	IOT based framework for monitoring and assessment of smart water nutrient and disease detection in agriculture crops	In Process
3749	PSF	Dr. Shahid Masood Shah	Environmental Sciences	Abbottabad	Assesment of Diversity in Berberis Lycium (medicinal Plant)	In Process
3750	PSF	Dr Abdul Rehman Khan	Environmental Sciences	Abbottabad	Evaluation of Within-Population Genetic Diversity of On-Farm and Ex Situ Conserved Wheat Landraces of Pakistan	In Process
3751	PSF	Dr Hafiz Mahkum Hammad	Environmental Sciences	Vehari	Modeling the Water and Nitrogen Requirement of Chickpea Under Arid Environment	In Process
3752	PSF	Dr. Saeed Ahmed Asad	CCRD	Islamabad	Assessing The Vulnerability of Plant Beneficial Microorganisms Due To Changing Rainfall Patterns in the Pothwar Plateau	In Process
3753	PSF	Dr. Taous Khan	Pharmaceutical Sciences	Abbottabad	Investigation of Bacterial Cellulose in As-Synthesized Surface modified and Regenerated form for the Development of novel Drug Delivery systems as Tablet Matrix Capsule Shell And Microparticles	In Process
3754	PSF	Dr. Muhammad Abid	Mechanical Engineering	Sahiwal	Establishment of a basic research infrastructure	In Process
3755	PSF	Dr. Rafaqat Ali Khan	Chemistry	Abbottabad	Fabrication of quantum dots based dye-sensitized solr cell (DSSC) to tackle the energy crises	In Process
3756	PSF	Dr. Syed Habib Bokhari	Biosciences	Islamabad	Phlotyping and Clonal Group A(CgA) Screening of Escherichia Coli Isolates from Pakistan	In Process
3757	PSF	Dr. Amir Waseem	Chemistry	Abbottabad	Prevalence of Aflatoxin M1 and B1 in Human breast milk of KPK population	In Process
3758	PSF	Dr. Mehmood Ashraf Khan	CAST	Islamabad	RFID Based Centralized Authentication System for Campus/ Orgaization	In Process
3759	PSF	Dr. Bushra Ismail	Chemistry	Abbottabad	Synthesis of Nano Spinel Aluminate oxide Materials Doped with Transition Metals for Use as Phosphor Materials	In Process
3760	PSF	Dr. Aamira Tariq	Biosciences	Islamabad	Impact of arsenic and fluoride contamination in Pakistan	In Process
3761	PSF	Dr. Raza Ahmad	Environmental Sciences	Abbottabad	Improvement of potato plant productivity by Engineering Cynaobacterial Glycolate Catabolism pathway	In Process
3762	PSF	Dr. Muhammad Saeed	Biosciences	Islamabad	Evaluation of Rb12/p 130 Acetylation as a new Biomarker for cancer diagnostics	In Process
3763	PSF	Dr. Tariq Mahmood	Chemistry	Abbottabad	Design of Near Infrared Quinoline Based Plymethine Cyanine Dyes, and Their Investigations as Potential Fluorophores for G4Quadruplex DNA Secondary Structures	In Process
3764	PSF	Dr. Majid Niaz Akhtar	Physics	Lahore	Dielectric characterizations of nanoferrites for high frequency application using VNA and dielectric probe	In Process

3765	PSF	Dr. Ghulam Abbas	Chemistry	Abbottabad	Evaluation of the Indigenous flora of Abbottabad Region for Anti-Diabetic, Anti-Glycation, Anti-Oxidant, Anti-Inflammatory, Analgesic and Anti-Pyretic effects	In Process
3766	PSF	Dr. Rani Faryal	Biosciences	Islamabad	SYK Gene Methylation and Polymorphism: a Potential Diagnostic Prognostic Tool for Breast Cancer	In Process
3767	PSF	Dr Nawshad Muhammad	IRCBM	Lahore	Synthesis and Application of Ionic Liquid-Based Denture Lining Materials for Dental Prosthesis	In Process
3768	PSF	Dr. Muhammad Saeed	Biosciences	Islamabad	Development of RBI2/P 130 Asetylation as a New Tumor PSF	In Process
3769	PSF	Dr. Azeem Mir	Physics	Islamabad	Study of rare decays of beauty mesons(B) within super-symmetry breaking models	In Process
3770	PSF	Dr. Saadia Naseem	Biosciences	Islamabad	Functional characterization of IRES Elements (Internal Ribosome Entry sites) against biotic/ abiotic stresses in plants	In Process
3771	PSF	Dr. Imran Usman	CAST	Islamabad	Digital watermarking in multi-biometrics domain: cross-authentication for 4-tier integrated security	In Process
3772	PSF	Dr. Muhammad Arfan	Chemistry	Abbottabad	Synthesis and anti-malarial screening of B-Peptides	In Process
3773	PSF	Dr. Ayesha Sohail	Mathematics	Lahore	Numerical study of laboratory generated nonlinear waves with their application to thin films	In Process
3774	PSF	Mr. Aziz Ahmad Qureshi	Physics	Islamabad	Study of Natural Radioactivity in the Lawrencepure Sand Used for the Construction Purpose.	In Process
3775	PSF	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Remote sensing of cryosphere and hydrological modeling of upper Indus and Jhelum River basins under future climate variability-key for water resources management at Tarbela and Mangla Dams	In Process
3776	PSF	Dr. Adnan Ahmad Tahir	Environmental Sciences	Abbottabad	Cryosphere investigation and hydrological modelling of upper Indus Jhelum river basins under future climate change using remote sensing-A key for water resources management (Terbela and Mangla Dams)	In Process
3777	PSF	Dr. Jamshed Hussain	Environmental Sciences	Abbottabad	Improvement of salt and drought stress tolerance in wheat through genetic transformation with TSRF1 transcription factor gene	In Process
3778	PSF	Dr. Naeem Rashid	Environmental Sciences	Abbottabad	Low cost biogas production and wastewater treatment by using macro-algae	In Process
3779	PSF	Dr. Zahid Ali	Biosciences	Islamabad	Process optimization for recombinant carotenoid cleavage dioxygenase 7 (CCD7) expression in pisum sativum L to improve phosphorous uptake efficiency and plant growth promotion	In Process
3780	PSF	Dr. Zobia Noreen	Biosciences	Islamabad	Risk assessment of campylobacter and salmonella in broiler flocks by direct PCR from bootsocks & control through modification in existing feed supply	In Process
3781	PSF	Dr. Habib Bokhari	Biosciences	Islamabad	Rick Assessment of campylobacter and salmonella in Broiler Flocks by Direct PCR from Bootsocks & control through modification in existing feed supply.	In Process

3782	PSF	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Sonochemical syntheses and characterization of manganese (Mn) -TiO ₂ nanotubes for treating water pollutants	In Process
3783	PSF	Dr. Imran Usman	Center for Advance Studies	Islamabad	Intelligent Generation of Stereoscopic images using monoscopic images	In Process
3784	PSF	Dr. Jamshed Iqbal	Pharmaceutical Sciences	Abbottabad	Synthesis of Urease Inhibitors for Sustainable Development of Crops in Agriculture land in Pakistan	In Process
3785	PSF	Dr. Raheel Qamar	Biosciences	Islamabad	Diabetic retinopathy genetic analysis and diagnostics marker identification in Pakistani diabetic patients	In Process
3786	PSF	Ms. Zobia Noreen	Biosciences	Islamabad	Risk assessment of <i>compylobacter</i> in broiler flocks by direct PCR from bootsocks and control through different feed supplements	In Process
3787	PSF	Dr.Rehana Rashid	Chemistry	Abbottabad	Photochemical, antioxidant, antiglycation, antialzheim and antitumor efficacy of <i>carya illy ino</i>	In Process
3788	PSF	Dr. Zafar Iqbal	Chemistry	Abbottabad	Synthesis and in Vitro Photodynamic Action of Amphiphilic Metal Phthalocyanines	In Process
3789	PSF	Dr. Anila Asif	IRCBM	Lahore	Macroporous Biceramic Monoliths for Hard Tissue Replacement: Synthesis, Characterization and in Vitro Analysis	In Process
3790	PSF	Dr. Amara Mumtaz	Chemistry	Abbottabad	Synthesis Characterization and anti-cancerous activities of thioureas capped gold nano-particles	In Process
3791	PSF	Dr. Syed Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Biodegradation of N-Methylated Carbonates by using Bacterial Enzymes	In Process
3792	PSF	Dr. Usman Latif	Chemistry	Abbottabad	grapheme sensor for selective recognition of brucine	In Process
3793	PSF	Dr. Syed Tauqir ali sherazi	Chemistry	Abbottabad	Development of polymeric adsorbent for the selective removal of heavy metal ions from waste water	In Process
3794	PSF	Dr. Wajid Nasim	Environmental Sciences	Vehari	Sunflower productivity influenced by potash an phosphorus under ago-climatic conditions of Vehari-Pakistan using simulation model	In Process
3795	PSF	Dr. Habil Shamsul Qamar	Mathematics	Islamabad	Investigation of thermal effects in liquid chromatography	In Process
3796	PSF	Dr. Ghulam Abbas	Pharmaceutical Sciences	Abbottabad	Exporing genotoxic potential of commonlyused herbs	In Process
3797	PSF	Dr. Najeeb ur Rehman	Physics	Islamabad	Antimicrobial Treatment of Heat Sensitive Materials Via RF- Driven Plasma Jet	In Process
3798	PSF	Dr. Abida Farooqi	Biosciences	Islamabad	Evaluation and the potential use of selected bio/agro-waste materials for the simultaneous removal of arsenic and fluoride from groundwater	In Process
3799	PSF	Dr. Aisha Naeem	Biosciences	Islamabad	Molecular and biological characterization of gold silver alloy nanoparticle	In Process
3800	PSF	Dr. Faiz Alam	Chemistry	Abbottabad	Screening of Important Medicinal Plants of Pakistan for Analgesic and Anti-Inflammatory Activity	In Process
3801	PSF	Dr. Rizwan Raza	Physics	Lahore	Direct Liquid (ethanol/methanol) Solid Oxide Fuel Cell (DLSOFC)	In Process
3802	PSF	Dr. Salman Naeem Khan	Physics	Lahore	Vector network analysis of microwave devices	In Process
3803	PSF	Dr. Qaiser Fatmi	Biosciences	Islamabad	Thermostability and thermoactivity of tryptophan synthase: an in silico study	In Process

3804	PSF	Dr. Umar Farooq	Chemistry	Abbottabad	Bioactivity guided isolation of secondary metabolites from quercus incana and verbascum thapsus	In Process
3805	PSF	Dr. Saleem Ahmed Shah Bokhari	Biosciences	Islamabad	Validating efficacy of a herbal formulation against hepatitis C virus infection	In Process
3806	PSF	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Use of Clean Technology to convert Industrial Wastes into Valuable Materials by Micro-Organisms: Evaluation and Modification of produced materials for Biomedical Applications	In Process
3807	PSF	Dr. Farhan Ahmed Khan	Chemistry	Abbottabad	Facile Synthesis of 7-Membered Heterocyclic Structures, A Synthetic Approach for Antimicrobial Drugs	In Process
3808	PSF	Dr. Syed Aftab Naqvi	Electrical Engineering	Sahiwal	Microstrip patch antenna based biosensor for the detection of level of aflatoxin in milk	In Process
3809	PSF	Dr. Muhammad Abid	Interdisciplinary Research Center (IRC)	Wah	Design, fabrication and testing of spiral water pump	In Process
3810	PSF	Dr. Muhammad Yar	IRCBM	Lahore	Design and preparation of Pro-angiogenic tissue engineered skin for burn patients	In Process
3811	PSF	Dr. Saira Azhar	Biosciences	Abbottabad	pharmacoepidemiological assessment of breast cancer patients, focusing on the pharmacokinetics of radiolabelled imaging and therapy of anticancerous drugs	In Process
3812	PSF	Dr. Muhammad Saeed	Biosciences	Islamabad	Epigenetic characterization of Rb12/p130 in cancerous cells	In Process
3813	PSF	Dr. Abdul Waheed	Biosciences	Sahiwal	Development of fungal genome resources and SNPs marker as a cradle to rescue wheat yield from fungal diseases in Pakistan by deep venome sequencing	In Process
3814	PSF	Dr. Nadia Nawaz Qadri	Electrical Engineering	Wah	A system to analyze the effects of Hyperglycemia measured by electroencephalography (eeg) DIABETIC PATIENTS	In process
3815	PSF	Dr. Faraz Arshad Malik	Biosciences	Islamabad	Molecular subtyping of breast cancer in Pakistan for improved therapeutic implications	In process
3816	PSF	Dr. Madad Khan	Mathimatics	Abbottabad	Generalized cubic sets and their applications	In process
3817	PSF	Dr. Abdur Rahim	IRCBM	Lahore	Conducting hybrid organic-inorganic materials: preparation, characterisation and developing biosensor for Parkinson's disease diagnosis	In process
3818	PSF	Dr. Muhammad Muddassar	Biosciences	Islamabad	Discovery of novel insecticide like molecules with new mode of action to control cotton bollworm	In process
3819	PSF	Dr. Abid Li Khan	Biosciences	Islamabad	NANOATTAICER: Nanobiotics combinatorial approach to tackle multidrug resistant pathogenic bacteria	In process
3820	PSF	Dr. Robina Farooq	Chemical Engineering	Lahore	Microbial electrochemical system for the removal of BTX in contaminated ground water	In process
3821	PSF	Dr. Fakhra Ikram	IRCBM	Lahore	Invitro and in-vivo biological evaluations of Zn based alloys for biomedical applicants	In Process
3822	PSF	Prof. Dr. Jamshed Iqbal	CADIR	Abbottabad	Synthesis and characterization of selective inhibitors of aldose reductase to treat the diabetic complications	In Process

3823	PSF	Dr. Maria Siddique	Environmental Sciences	Abbottabad	Sonochemical synthesis of visible light active photocatalysts for sonophotocatalytic treatment of textile dyes	In Process
3824	PSF	Dr. Waseem Hassan	Pharmacy	Lahore	Drug screening from natural and chemical sources for obesity and related lipid metabolic disorders	In Process
3825	PSF	Dr. Ismat Nawaz	Environmental Sciences	Abbottabad	Augments the salt tolerance of medicago sativa via stacking of genes involved in n+ transport sosi-nhxi and assessing environmental risk and the potential of transgenic for bioethanol productions	In Process
3826	PSF	Dr. Muhammad Farrukh Nisar	IRCBM	Lahore	Green synthesis of zno nanoparticles of variable shapes and size for effective UVR shielding	In Process
3827	PSF	Dr. Abdur Rahim	IRCBM	Lahore	Synthesis of metal nanoparticle (nanocluster, single atom) metal oxide hybrid material for enhanced electrocatalytic activities and in sensing abilities	In Process
3828	PSF	Dr. Romana Khan	Environmental Sciences	Abbottabad	Development of a selective photocatalyst for reduction of Nox using metal oxide graphite carbon nitride nanocomposites	In Process
3829	PSF	Dr. Hamad Khalid	IRCBM	Lahore	Fabrication of silk fibroin based porous scaffolds for wound healing	In Process
3830	PSF	Dr. Fazli Wahid	Environmental Sciences	Abbottabad	Antimicrobial peptide functionalized bacterial cellulose as a novel wound dressing system	In Process
3831	PSF	Dr. Hafiz Mokhum Hammad	Environmental Sciences	Vehari	Climate variability and crops adaptability: how the models can help	In Process
3832	PSF	Dr. Humaira Shaheen	Biosciences	Islamabad	A comparative analysis of genetic diversity and structure of two endagered populus species (P. caspica and alba) and its gene flow with exotic cultivars: implications for conservation of them in iran and pakistan	In Process
3833	PSF	Dr. Sabir Ali Shehzad	Mathematics	Sahiwal	Solar energy storage in an innovative heat exchanger considering NEPCM	In Process
3834	PSF	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Design development and promotion of low cost hybrid solar pv car in pakistan pak turkey s&t cooperation	In Process
3835	PSF	Dr. Wajid Nasim	Environmental Sciences	Vehari	Quantification of green house gas emission from rice paddies by using close chamber method for adoption to changing climate	In Process
3836	PSF	Dr. Romana Khan	Pharmacy	Abbottabad	Heavy metal removal from waste water using engineered nanocomposite adsorbents	In Process
3837	PSF	Dr. Asim Ali Khan	Biosciences	Lahore	Early breast cancer diagnostic tool	In Process
3838	PSF	Dr. Mustansara Yaqub	IRCBM	Lahore	Designing of bio mimicking composite electrodes for highly sensitive detection of organ phoshorous pesticides	In Process
3839	PSF	Dr. Shumaila Karamat	Physics	Islamabad	Development of surface enhanced silicon graphene based effective anode material for lithium lon batteries	In Process
3840	PSF	Dr. Rizwan Raza	Physics	Lahore	Development of highly conducting two phase ceria based electrolytes for electrochemical energy conversion devices	In Process

3841	PSF	Dr. Fazli Wahid	Pharmacy	Abbottabad	Development of novel electrospun bacterial cellulose based nanofibrous membrane as a wound dressing system for burns	In Process
3842	PSF	Dr. Sadia Manzoor	Physics	Islamabad	Magnetic polymer composites for technical and biomedical applications	In Process
3843	PSF	Dr. Muhammad Farrukh Nisar	IRCBM	Lahore	Terahertz rays combined with natural epigenetic agents inhibits melanoma growth by selective DNA methylation and HDACs activity	In Process
3844	PSF	Dr. Muhammad Naeem	Electrical Engineering	Wah	Efficient energy management using big data analytics	In Process
3845	PSF	Dr. Arsalan Ahmed	IRCBM	Lahore	Green synthesis of carbon dots for biomadical applications in cancer treatment	In Process
3846	PSF	Dr. Taous Khan	Pharmacy	Abbottabad	Development characterization and in -vitro studies on electrospun and 3d printed bacterial cellulose based capsules and matrices for drug delivery	In Process
3847	PSF	Dr. Zia ul Haq Khan	Environmental Sciences	Vehari	Green synthesis and characterizations of zero velant nanoparticles and study of their potential applications	In Process
3848	PSF	Dr. Robina Farooq	Chemistry	Lahore	An innovative approach for using bio gas energy for commercial applications in rural areas of Pakistan	In Process
3849	PSF	Dr. Faiza Sharif	IRCBM	Lahore	Development of thermoresponsive injectable regenerative tissue fillers	In Process
3850	PSF	Dr. Muhammad Shahid Nazir	Chemistry	Lahore	Eco frindly cellulose based hydrogel for controlled release of pesticides	In Process
3851	PSF	Dr. Nighat Fatima	Pharmacy	Abbottabad	DNA aptamer functionalized photosensitizer incorporated nanoparticles for targeted photodynamic therapy against resistant bacteria	In Process
3852	PSF	Prof. Dr. Shahid A Khan	Electrical Engineering	Islamabad	Design and analysis of antenna and passive microwave circuit elements on flexible substrates for the biomedical applications	In Process
3853	PSF	Dr. Sobia Tabassum	IRCBM	Lahore	Innovative genetically engineered protein hydrogels and synthetic dual-doped-hap materials for bone regeneration"under TUBITAK	In Process
3854	PSF	Dr. Muhammad Aamir Razaq	Physics	Lahore	Strengthening of modren li-ion batteries by development of flexible energy storage using alternative anode active materials" under PSF-TIBITAK.	In Process
3855	PSF	Dr. Azeem Mir	Physics	Islamabad	Study of rare decays of pseudo-scalar mesons within 331 model " under research support programme (PSF)	In Process
3856	PSF	Dr. Noaman ul Haq	Chemical Engineering	Lahore	Removal of microbial contamination from drinking water using polymeric membranes	In Process
3857	PSF	Dr. Syeda Hafiza Benish Ali	Biosciences	Islamabad	Pharmacogenomic analysis of drugs in the treatment of rheumatoid arthritis in pakistan population	In Process
3858	PSF	Dr. Muhammad Sharif	Computer Science	Wah	Design and development of online national cancer screening program and national cancer registry database (NCS&NCRD) for islamic republic of Pakistan	In Process
3859	PSF	Dr. Raheem Gul	Mathematics	Abbottabad	Patient-specific modeling of pressure and flow in human arm arteries(PSF)	In Process

3860	PSF	Dr. Sumaira Farrukh	Biosciences	Islamabad	Combined study on wheat rust monitoring, early warning and green protection and control	In process
3861	PSF	Dr. Haroon Ahmed	Biosciences	Islamabad	Jointly Molecular Epidemiological Research on Echinococcosis in china and Pakistan	In process
3862	PSF	Dr. Rizwan Raza	Physics	Lahore	Functional nanocomposites for advanced fuel cell technology	In process
3863	PSF	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	Identification of new Yr genes in landrace c-273 and speedy yr genes pyramiding in champion wheat variety inqlab 91	In Process
3864	PSF	Dr. Sabz Ali	Environmental Sciences	Abbottabad	Development of salt drought and heat stress tolerant tomato, metabolic profiling and mineral accumulation studies	In Process
3865	PSF	Dr. Muhammad Saeed	Biosciences	Islamabad	Molecular mechanism analysis of TET1 and IDH mutations promoting stem cell formation in acute myeloid leukemia	In Process
3866	PSF	Dr Rashid Nazir	Environmental Sciences	Abbottabad	Novel himalayan aerobic microbial consortia coupled with anaerobic digestion and the development of antimicrobial resistance in AD process	In Process
3867	PSF	Dr. Mohammad Ali	Environmental Sciences	Abbottabad	Development of probiotic formulation to prevent/manage type 2 diabetes mellitus by prohibiting gut colonization of staphylococcus aureus	In Process
3868	PSF	Dr. Sumaira Farrukh	Biosciences	Islamabad	A comparative study of the wheat stripe rust pathogen populations in Pakistan and China	In Process
3869	PSF	Dr. Haroon Ahmed	Biosciences	Islamabad	Study on pathogen molecular genetic characterization and genotype distribution and epidemic regularity of echinococcosis	In Process
3870	PSF	Dr. Zahid Ali	Biosciences	Islamabad	Early detection of wheat puccinia triticina by spectroscopic optical coherence tomography	In Process
3871	PSF	Dr. Jamshed Hussain	Environmental Sciences	Abbottabad	Genome wide association study for drought tolerance related genes in eruca vesicaria an oli crop with extremely high drought tolerance	In Process
3872	PSF	Prof. Dr. Raheel Qamar	Biosciences	Islamabad	Contaminants assessment in affluent and effluent water in pakistan and china	In Process
3873	PSF	Dr. Jamshed Iqbal	CADR	Abbottabad	Design synthesis and biological evaluation of atp gated ionotropic receptor inhibitor	In Process
3874	PSF	Dr. Jamshed Hussain	Environmental Sciences	Abbottabad	Molecular identification and characterization of plasma memberane ca ²⁺ channels essential for pollen tube guidance stomata closure root development and abiotic stress responses in arabidopsis and rice	In Process
3875	PSF	Dr. Farrukh Nisar	IRCBM	Lahore	Low dose UVA induced ROS enhances cytoprotection and regeneration of skin sensory cells	In Process
3876	PSF	Dr. ArshadMehmood Abbasi	Environmental Sciences	Abbottabad	Mechanism of sargassum fusiforme polysaccharides targetedly inhibit matrix metalloproteinases (MMPs) via mediating MAPK/AP-1 signaling pathway	In Process

3877	PSF	Prof. Dr. Raheel Qamar	Biosciences	Islamabad	Study on the mechanism of disuse osteoporosis and the countermeasure	In Process
3878	PSF	Dr. Hasan Riaz	Biosciences	Sahiwal	Integrative analysis of genomics and transcriptome data to reveal putal mechanisms underlying the important economic traits in pairy buffalo	In Process
3879	PSF	Dr. Muhammad Zaffar Hashmi	Meterology	Islamabad	Mechanism for synergic removal of antibiotic and AGR in livestock wastewater using laccase immobilized by composited/modified graphene oxide materials	In Process
3880	PSF	Prof. Dr. Arshad Saleem Bhatti	Physics	Islamabad	Study on preparation and properties of novel sers nanocomposites for ultratrace detection of pesticides residues	In Process
3881	PSF	Dr. Ali Rasheed Taprez	EE	Karachi	Driving force ancient indus civilization: Indus river or loess land	In Process
3882	PSF	Dr. Faiza Nawaz	Electrical & Computer Engineering	Attock	Optimizing internet of things (IOT) using light fidelity Li-Fi	In process
3883	PSF	Dr. Mohsin Raza	CCRD	Islamabad	Recycling the ablution water for non potable uses in the selective masjids of islamabad	In process
3884	PSF	Dr. M Qaiser Fatmi	Biosciences	Islamabad	Regulating water transporation in aquaporin: a step towards next generation water purification&filtration technology	In process
3885	PSF	Dr. Muhammad Awais	Electrical & Computer Engineering	Wah	Physical design ana characterization of an area optimized synthesizable standard cell reversible logic library and its application to practical low power digital design	In Process
3886	PSF	Dr. Saqlain Raza	Mathematics	Islamabad	Value addition and business model for improving honey export	In Process
3887	PSF	Dr. Muhammad Nadeem Hassan	Biosciences	Islamabad	Development of microbial consortium for the eco-friendly decomposition and synergistic bio fertilizer/bio pesticide activity of sugarcane filtercake	In Process
3888	PSF	Dr. Muhammad Azeem	Chemistry	Abbottabad	Production of fragrant compounds by using soil borne microbiota	In Process
3889	PSF	Dr. Ashfaq Ahmad	CCRD	Islamabad	Assing the adaptability and development of site specific climate smart production technology of soybean in different cropping systems of Pakistan	In Process
3890	PSF	Dr. Farha Masood	Biosciences	Islamabad	Tailored polymeric nanocomposite membranes for the removal of heavy metals from contaminated water	In Process
3891	PSF	Dr. Ishrat Mahjabeen	Biosciences	Islamabad	Identification of New Sensitizers in HNC Treatment	In Process
3892	PSF	Dr. Muhammad Farhan	Computer Science	Sahiwal	Teacher's visual engagement measurement methodology and software tool development approach	In Process
3893	PSF	Dr. Sumaira Kanwal	Biosciences	Sahiwal	Developmant and validation of a sweat base wrist worn seizur predictor biosensor for epilepsy patients	In Process
3894	PSF	Dr. Muhammad Farhan	Computer Science	Sahiwal	Student's visual attention measurement methodology and software tool development approach	In Process
3895	PSF	Dr. Muhammad Farhan	Computer Science	Sahiwal	Nafsi-guru broker platform for the public of Pakistan	In Process

3896	PSF	Dr. Muhammad Shoaib	Computer Science	Sahiwal	Development of foist detection machine for rice and paddy	In Process
3897	PSF	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Hydrogen production from photoelectrochemical water splitting using finely tuned metal oxide composites	In Process
3898	PSF	Dr. Tariq Bashir	Electrical & Computer Engineering	Islamabad	Designing of portable holographic microscopic device for the identification of different pathogenic microorganisms using image processing	In Process
3899	PSF	Dr. Sidra Rehman	Biosciences	Islamabad	Formulation of pH responsive pegylated gelatin based nanocarrier systems for co delivery of naringenin and doxorubicin: A novel strategy for anticancer treatment	In Process
3900	PSF	Dr. Muhammad Azeem	Chemistry	Abbottabad	Development of eco-friendly and prolonged activity mosquito repellents from indigenous plants	In Process
3901	PSF	Dr. Muhammad Kamran	Mathematics	Wah	Theoretical investigation for compressible flow dynamics and energy displacement/deformation for optimum energy uses and design	In Process
3902	PSF	Dr. Saqib Ali	Management Sciences	Sahiwal	Impact of big data analytics and sustainable product development on firm performance: The case of automobile sector	In Process
3903	PSF	Dr. Nadia Nawaz	Electrical & Computer Engineering	Wah	Real time based smart irrigation system	In Process
3904	PSF	Dr. Arslan Ahmad	Mechanical Engineering	Sahiwal	Corrosion and wear behaviour of automotive engine materials in eco-friendly fuels	In Process
3905	PSF	Dr. Abdul Jabbar Shah	Pharmacy	Abbottabad	Pharmacological probing natural and phytochemicals as calcium antagonist and nitric oxide mediated vasodilators a cellular based investigation for cardiovascular diseases	In Process
3906	PSF	Dr. Rizwan Raza	Physics	Lahore	Extraction of calcium carbonate/oxide from eggshell and potassium carbonate from banana peels for clean energy devices/fuel cells	In Process
3907	PSF	Dr. Iftikhar Ahmad	Energy Research Centre	Lahore	Commercial pilot scale bioenergy (biogas) reactor for research and commercialization of technology under industry university linkage program	In Process
3908	PSF	Dr. Waseem Hassan	Pharmacy	Lahore	Development of medicinal precursors from Pakistani natural and synthetic sources for immunometabolic disorders	In Process
3909	PSF	Dr. Muhammad Ijaz	Pharmacy	Lahore	Development of nano drug carriers for delivery of antimicrobials	In Process
3910	PSF	Dr. Fahad Rehman	Chemical Engineering	Lahore	Development of pilot plant for microbubble mediated production of biodiesel	In Process
3911	PSF	Dr. Habib Ali Bukhari	Biosciences	Islamabad	Oscar on site strategies to control antibiotic resistance through gut microbiome engineering through sentinel commensals & synbiotics	In Process
3912	PSF	Dr. Rabia Nazir	IRCBM	Lahore	Designing the pilot scale bioreactor for dynamic in vitro studies of tissue engineered heart valves (TEHVs)	In Process

3913	PSF	Dr. Najeeb ur Rehman	Physics	Islamabad	Disinfection of personal protective equipment (ppe) using microwave atmospheric pressure plasma	In Process
3914	PSF	Dr. Syed Tatheer Alam Naqvi	Biotechnology	Abbottabad	Biodegradation of surgical masks containing polypropylene by indigenous microbial species	In Process
3915	PSF	Prof.Dr. Jamshed Iqbal	CADR	Abbottabad	Synthesis of Potent antagonists of P2Y12 receptors: a promising target for the treatment of cardiovascular disease	In Process
3916	PSF	Dr.Junaid Ikram	ECE	Islamabad	Electrical Bike	In Process
3917	PSF	Dr.Zulfiqar Ahmad bhatti	Env-Sciences	Abbottabad	Assimilated bio-Fitter for treatment of wastewater and gases produce from hospital waste incineration: A sustainable Approach	In Process
3918	PSF	Dr.Sundus Javed	Biosciences	Islamabad	Next Generation genomics for the development of probiotic formulations conferring disease resistance in commercial poultry breeds	In Process
3919	PSF	Dr.Asim Yaqub	Env-Sciences	Abbottabad	Development of electrochemical Treatment Plant for the Textile Industry Wastewater	In Process
3920	PSF	Dr.Muhammad Sajjad	Biosciences	Islamabad	CSISPR/Cas9-mdeiated knockout of TaNP1 genes to develop complete male sterile wheat lines in Pakistan	In Process
3921	PSF	Dr.Aqif Anwar Chaudhary	IRCBM	Lahore	A Pilot Facility for Synthesis of bone Fillers and a Halal Retention Membrane Design, Development and Pre-Clinical Trials	In Process
3922	PSF	Dr.Farah Masood	Biosciences	Islamabad	Nanocomposite Membranes for Wounds Healing	In Process
3923	PSF	Dr.Muhammad Azeem	Chemistry	Abbottabad	Develpoment of Indigenous Herbs Based Mosquito	In Process
3924	PSF	Dr.Touqir Ali Sherazi	Chemistry	Abbottabad	The Water Energy Nexus: Dealing the challenge through developing an effiecnt and cost effective capactive deionization process to purify water for drinking and energy generation purpose	In Process
3925	PSf	Dr.aamira Tariq	Biosciences	Islamabad	Devising a cost-effective approach for effiecnt breast cancer diagnosis	In Process
3926	PSF	Dr.Sabaz Ali	Biotechnology	Abbottabad	Isolation and identification of siderophore becteria from wheat rhizosphere irrigated with industrial effuent and evaluating their phyto remediation potential analyzing related genes expression and proteomics studies	In Process
3927	PSF	Dr.Nazish Bostan	Biosciences	Islamabad	Bovine Leukemia virus zoonotical potential and its involment in human breast cancer in Pakistani females and development of diagnostics assay	In Process
3928	PSF	Dr.Faiza Sharif	IRCBM	Lahore	Low cost organic Bioactive Hydrogel Dressings for Burns and Chronic Wounds	In Process
3929	PSF	Dr.Farah Masood	Biosciences	Islamabad	Membrane Technology for Wastewater Treatment	In Process
3930	PSF	Dr.Iftikhar Ahmad	Env-Sciences	Vehari	Synthesis and Application of Novel Biochemical Material to Enhance Phytoemediattion of Heavy Metals	In Process
3931	PSF	Dr.Muhammad Yar	IRCBM	Lahore	Scaleup production of emergancy medical Aid waterjel for severs burn inhuries improving burncare health standerds in Pakistan	In Process
3932	PSF	Dr.Farah Masood	Biosciences	Islamabad	Green Materials for food Packing Industry	In Process

3933	PSF	Dr.Sobia Tabassum	IRCBM	Lahore	Advanced and economical osteo 3D ,oldable putty for treatment of bone and spinal defects- Preclininc trails and sclae up production- A step forward from lab to patient	In Process
3934	PSF	Dr.Shujaat Ali Khan	ECE	Attock	Intelligent sensing for connected health indigital cities	In Process
3935	PSF	Dr.Muhammad Zakir Ali	Env-Sciences	Vehari	Understanding and expoliting communication between plant growth promoting rhizobacteria and cultivated plants for sustainable agriculture in Pakistan	In Process
3936	PSF	Dr.Shamyla Nawazish	Env-Sciences	Abbottabad	Nanoparticales dopped fabric filters to mitigate air pollutants impact at hattar industrial Estate	In Process
3937	PSF	Dr.Huma Ajab	Chemistry	Abbottabad	Cost Effective nanozyme sensing platfrom for onsite food additives on-to-one care	In Process
3938	PSF	Dr.Muhammad Usman Shahid Khan	Computer Science	Abbottabad	Blocking unwanted videos of Youtube and Tiktok	In Process
3939	PSF	Dr.Muhammad Zaffar Hashmi	Chemistry	Islamabad	Method development and Pakistan-specific knowledge for better Management of antimicrobial Resistant Bacteria and Antimicrobial Resistant Genes	In Process
3940	PSF	Dr.Ahson Jabbar Shaikh	Chemistry	Abbottabad	Investigation for low-Cost, effiecnt,stable, and Air Processe Metal Oxide/ Graphene Oxide Based Perovstike Solar Cells	In Process
3941	PSF	Dr.umer Farooq	Chemistry	Abbottabad	identifying potential multitarget antibiotic grug candidate using combined computational and experimental approach for multiresistant streptococcus pneumonia	In Process
3942	PSF	Dr.Asghar Shabbir	Biosciences	Islamabad	Traatment of multiple sclerosis MS through the induction of oligodendrocyte preeursor cells (OPCs) proliferation using bioactive Lolecules extracted from honey black seed kalonji and Ajwa date	In Process
3943	PSF	Dr.Muhammad Shahid Nazir	Chemistry	Lahore	Production of carboxymethyl cellulose and nano cellulose from abundantly available Agrowaste	In Process
3944	PSF	Dr.Usman Irshad	Env-Sciences	Abbottabad	Synchronizing organic amendmets plus microbial inoculant drivers to mobilize phosphorus for different cropping system	In Process
3945	PSF	Dr.Usman Irshad	Env-Sciences	Abbottabad	Synchronizing organic amendmets plus microbial inoculant drivers to mobilize phosphorus for different cropping system	In Process
3946	PSF	Dr.Adnan Ahmad Tahir	Env-Sciences	Abbottabad	Spatio-temporal qlacier variation and its influence on the water availbility in Hunza Basin along the CPEC Route	In Process
3947	PSF	Dr.Sobia Tabassum	IRCBM	Lahore	Shapeable Osteogenic Putty for Enhanced Skeletal Defact Repair-Pilot Lovel Production and Pre- Clinical Trials	In Process
3948	PSF	Dr. Muhammad Abuzar	ECE	Sahiwal	Metasurface based Efficient Energy Harvester Operating at 5G Spectrum	In Process
3949	PSF	Dr.Sundus Javed	Biosciences	Islamabad	Development of a metagenomics based predictive model to prevent transmission of AMR zoonitic pathogens in poultry	In Process

3950	PSF	Dr.Imtiaz Ali Khan	Entomology/ Biology	Abbottabad	Collection indentifying and preservation of insect pests and their natural enemies at the Ayubia National Park	In Process
3951	PSF	Dr.Madad Khan	Mathematics	Abbottabad	Diversified reasoning and its application in data analysis and itelligent decsion making	In Process
3952	PSF	Dr.M Mohsin Riaz	CAST	Islamabad	Automatic Rice and Tea Leaf Analysis usnig Image Processing Techniques	In Process
3953	PSF	Dr.Sabaz Ali Khan	Biotechnology	Abbottabad	Effects of Phosphours Supply Levels on Zinc Translocation from Salt-Alkali Soil to Wheat	In Process
3954	PSF & NSFC China	Dr. Haroon Ahmed	Biosciences	Islamabad	A comparative study of the echinococcosis tyransmission mechanism on the tibetan plateau China and I Punjab Pakistan	In Process
3955	PSF & NSFC China	Dr. Athar Hussain	Meteorology	Islamabad	Understanding the unstable connection between the atlantic multidecadal oscillation (AMO) and the South Asian summer monsoon (SASM)	In Process
3956	PSF & NSFC China	Dr. Muhammad Zeeshan Hyder	Biosciences	Islamabad	Novel approaches for development of resistance in banana against banana bunchy top	In Process
3957	PSF & NSFC China	Dr. Muhammad Abrar	Physics	Islamabad	Non-thermal plasma technology for professing of agricultural materials	In Process
3958	PSF & NSFC China	Dr. Muhammad Waseem	Physics	Islamabad	Improving the effieency of drug fo the treatment of alzheimer disease by loading on the silica coated nanoparticles	In Process
3959	PSF & NSFC China	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad	Monitoring of emerging environmental pollutants in yoangtze river, China Chenab river, Pakistan and their toxicogenomic testing in Zebrafish	In process
3960	PSF & NSFC China	Dr. Kifayat Ullah	Biosciences	Islamabad	Novel bioenergy crops breeding for liquid biofuel production	In process
3961	PSF & NSFC China	Dr. Aamir Haider Malik	Meteorology	Islamabad	Adaptive storm water mangement design under Changing Climate and socioeconomic variability: modeling for Gawadar city, balochistan Pakistan	In process
3962	PSF & NSFC China	Dr. Aamir Haider Malik	Meteorology	Islamabad	Feasibility of bochar productionat commercial scale in Pakitan, a step towards sustainable development	In process
3963	PSF & NSFC China	Dr. Habib Bukhari	Biosciences	Islamabad	Cenomics & biotechnology: developing technology platform for early warning & control	In process
3964	PSF & NSFC China	Dr. Farooq Ahmad	Computer Science	Lahore	Investigation of key security technologies of smart grid communications	In process
3965	PSF & NSFC China	Dr. Asma Tufail	IRCBM	Lahore	Development of novel functionalized polyozometalates based potential anticancer drugs	In process
3966	PSF & NSFC China	Dr. Rizwan Raza	Physics	Lahore	Charge transport mechanism in single component solid oxide fuel cell composed of ion-semiconductor composite materials	In process
3967	PSF & NSFC China	Dr. Ahmad Ai	Biosciences	Sahiwal	Genome wide asociation study of milk productin and reproductive traits in water buffalo using SLAF-seq technique	In process

3968	PSF & NSFC China	Dr. Jamshed Hussain	Biosciences	Abbottabad	Molecular characterization of calcium channels involved in osmosensing, and their genetic manipulation for drought stress tolerance in rice	In process
3969	PSF & NSFC China	Dr. Awais Ihsan	Biosciences	Sahiwal	The protection and assessment of endangered traditional herbal medicine in China and Pakistan	In process
3970	PSF & NSFC China	Dr. Rashid Nasir	Management Sciences	Abbottabad	Role of bacteria-fungal consortia in dissemination of environmental antibiotic resistome	In process
3971	PSF & NSFC China	Dr. Muhammad Maroof Shah	Environmental Sciences	Abbottabad	Assessment of current and future ozone and warming impact on wheat production in China and Pakistan	In process
3972	PSF & NSFC China	Dr. Robina Farooq	Chemical Engineering	Lahore	Biodiesel and protein product improvement via degradation of livestock manure using sequential ultrasonic irradiation and black soldier fly larvae/microbes treatment and its mechanism	In process
3973	PSF & NSFC China	Dr. Saadia Naseem	Biosciences	Islamabad	Biological management of bacterial blight disease in rice by phage mediated strategy	In process
3974	PSF & NSFC China	Dr. Arshad Saleem Bhatti	Physics	Islamabad	Strained and amorphous 2D materials (MoS ₂ (X=S, SE), Graphene, etc) for next generation electronic and photonic devices	In process
3975	PSF-NSFC	Dr. Kifayat Ullah	Biosciences	Islamabad	Systematic and structural analysis of medium chain fatty acid production from lignocellulosic biomasses resources using advanced technologies: a novel approach for bioenergy industry	In Process
3976	PSF-NSLP	Dr. Ramla Shahid	Biosciences	Islamabad	Molecular epidemiological and serological studies of bovine leukemia virus (BLV) an enzootic pathogen in Pakistani cattle and development of BLV diagnostic kit	In Process
3977	PSF-TUBITAK	Dr. Muhammad Abid	Mechanical Engineering	Wah	A platform for the development of spinal implants and instrumentation based on feature-based parametric spine modeling	In Process
3978	PSF-TUBITAK	Dr. Muhammad Wasim Sajid	Biosciences	Sahiwal	Development of a non-toxic detergent from Arbutus unedo (cain apple) with Falsa (Grewia asiatica) fruit fortified with silver and the investigation of its performance while we use in household and food service	In Process
3979	PSF-TUBITAK	Dr. Muhammad Amin	Electrical Engineering	Wah	Design, analysis, fabrication, installation and testing of efficient vertical axis wind turbine farm for urban and rural areas in Pakistan	In Process
3980	PSF-TUBITAK	Dr. Rizwan Raza	Physics	Lahore	Advanced SOFs polygeneration system for sustainable development	In Process
3981	PSF-TUBITAK	Dr. Syed Muhammad Riaz Hussain	Electrical Engineering	Islamabad	Design and implementation of viable cognitive radio network (CRN) and its porting to LTE-Advanced networks	In Process
3982	PSSP	Dr. Noreen Adnan	Management Sciences	Islamabad	Access to private credit, financial development, economic growth & probability of financial crises in Pakistan: Analysis of vision 2025	In Process
3983	PSSP	Dr. Maudood Khan	Center for Policies Studies	Islamabad	Development and evaluation of Pakistan environmental decision support system	In Process

3984	PSSP	Dr. Bilal Mirza	Center for Policies Studies	Islamabad	Integrated energy poverty impact assessment of export zones: the case of three industrial hubs of Punjab	In Process
3985	PSSP	Dr. Umara Noreen	Management Sciences	Islamabad	Microfinance as a pro-poor investment strategy towards women empowerment an agenda of 2025	In Process
3986	PSSP	Dr. Faiz Builquees	Center for Policies Studies	Islamabad	Socio-economic profile for poor minority working womenin Islamabad	In Process
3987	PSSP	Dr. Abdur Rehman Cheema	Management Sciences	Islamabad	Key challenges of disaster management structure and policy in Pakistan	In Process
3988	PSSP	Dr. Wajid Nasim	Environmental Sciences	Vehari	Solar energy - electricity generation model at COMSATS (Vehari Campus) to mitigate the adverse impact of climate change	In Process
3989	PSSP	Dr. Muhammad Zahid Iqbal	Management Sciences	Islamabad	Towards performance appriaisal reforms for civil servants in Pakistan	In Process
3990	PSSP	Dr. Talat Anwar	Center for Policies Studies	Islamabad	Social capital, welfard and poverty in Pakistan	In Process
3991	Research for Social Transformation and Advancement (RASTA)	Dr. Ghulam Shabir	Centre for Policy Studies	Islamabad	Islam's Ideology of Socio-economic Justice and Pakistan's predicament	In Process
3992	Research for Social Transformation and Advancement (RASTA)	Dr. Kaslsoom B. Sumra	Centre for Policy Studies	Islamabad	Forming Life-saving drugs pricing policy for Pakistan	In Process
3993	Research for Social Transformation and Advancement (RASTA)	Dr. Yasir Tariq Mohmand	Manament Saciences	Islamabad	Pakistan's Export Potential with FTA/PTA Partner Countries-A Study to explore Domestic and External Trade Barriers Faced by Exporters	In Process
3994	Research for Social Transformation and Advancement (RASTA) PIDE Pakistan	Dr.Faheem Aslam	Manament Saciences	Islamabad	Industrialization Policy with roots in trade-Exploiting the CPEC opportunity	In Process
3995	Research in Priority Areas of Public Health	Dr. Khadim Shah	Biotechnology	Abbottabad	investigation of miRANs role in Development of Breast Cancer in Population of Hazara Division KPK Pakistan	In Process
3996	SFRGE	Dr.M Mohsin Riaz	CAST	Islamabad	Essential Linguistic Research and Resource Development for E-Content of Urdu Language	In Process
3997	SFRGE	Dr.M Mohsin Riaz	CAST	Islamabad	Essential Linguistic Research and Resource Development for E-Content of Urdu Language	In Process
3998	Small research and development activity	Dr. Shahzad Kousar	Humanities	Islamabad	Creating wealth in smallholders farms through efficient credit systems in Pakistan	In Process
3999	Spencer Foundation	Dr. Muhammad Mohsin Riaz	Electrical & Computer Engineering	Islamabad	Essential Linguistic Research and Resource Development for E-Content of Urdu Language	In Process
4000	SPENCER Foundation	Dr. Aasia Nusrat	Humanities, CUI	Lahore	Investigating ESL/EFL learners, Reflections on Peer's Electonic Feedback using Google Docs-supported pedagogy: Experiences & Practices	In Process
4001	Spencer Foundation USA	Dr. Fyyaz Ahmad Faize	Humanities	Islamabad	Exploring the process and mechanizm for implementing capacity development program for female teachers of low standard private elementary schools in rural areas of Islamabad	In process

4002	SRDB	Dr.Muhammad Nadeem Hassan	Biosciences	Islamabad	Development of Sequence Characterized Amplified Region (SCAR) Markers to Identify and Characterize the different Races of <i>Collectotrichum Went</i> Prevailing in Punjab	In Process
4003	Sugarcane Research and Development Board Punjab	Dr. Wajid Nasim Jatoi	Environmental Sciences	Vehari	IoT based sugar products sale an excellent way to improve income of sugarcane small holder from southern Punjab Pakistan	In Process
4004	Sugarcane Research and Development Board Punjab	Dr. Muhammad Ali Shahid	Environmental Sciences	Vehari	IT base organic sugar products sale a tremendous way to improve income of sugarcane small holder from southern Punjab	In Process
4005	Support Letter of CAS-ANSO Co-funding Research Project	Dr. Kalim Ullah	Meteorology , CUI	Islamabad	Impact of Arctic warming on Enhanced Risk of Droughts over Mid-latitude Asia with Special Focus on Pakistan and China	In Process
4006	TDF	Dr. Syeda Sitwat Batool	Physics	Islamabad	Development of novel graphene based PMO nanofibrous membrane for industrial processes waste water treatment	In Process
4007	Technology Development Fund	Dr. Arshad Mehmood	Environmental Sciences	Abbottabad	Study on the skin care efficacy of the local medicinal plants from himalayan region and the construction of the related industrial pilot platform	In Process
4008	The International Centre for Genetic Engineering and Biotechnology(ICGEB)	Dr. Muhammad Sajjad	Environmental Sciences	Vehari	Haplotyping and KASP assay development for drought tolerance related genes in Pakistani wheat germplasm	In Process
4009	The International Centre for Genetic Engineering and Biotechnology(ICGEB)	Dr. Asma Tufail	IRCBM	Lahore	Fabrication of 3D hydrogels for cartilage regeneration by additive manufacturing	In Process
4010	The International Centre for Genetic Engineering and Biotechnology(ICGEB)	Dr. Habib Bukhari	Biosciences	Islamabad	Controlling opportunistic antibiotic resistant burn wound infections with the help of bacterial viruses	In Process
4011	The International Centre for Genetic Engineering and Biotechnology(ICGEB)	Dr. Saeed Ur Rehman	IRCBM	Lahore	Fabrication of spatial and temporal eD scaffold systems for promoting angiogenesis in tissue regeneration	In Process
4012	The World Academy of Sciences	Dr. Rashid Nazir	Env-Sciences	Abbottabad	Potential Severity of antimicrobial resistance one health approach in Benin and Pakistan	In Process
4013	The World Academy of Sciences	Dr. Ramla Shahid	Biosciences	Islamabad	Quick-response Research on post COVID-19	In Process
4014	The World Academy of Sciences	Dr. Shumaila Javeed	Mathematics	Islamabad	Epidemiology Modeling and Innovative solution to overcome the social and economic challenges of Covid-19	In Process
4015	The World Academy of Sciences	Dr. Zubia Noreen	Biosciences	Islamabad	Gateway to safe water: Surveillance, monitoring, and meteorological- based AI app for prevention of zoonotic water-borne outbreaks in flood-prone areas	In Process
4016	The World Academy of Sciences	Dr. Sundus Javed	Biosciences	Islamabad	Integrated one Health and OMICs approach for identifying transmission link of antibiotic resistant pathogenic <i>E. coli</i> in LMIC	In Process

4017	TWAS	Dr.Rashid Nazir	Env-Sciences	Abbottabad	Potential Severity of antimicrobial resistance one health approach in Benin and Pakistan	In Process
4018	TWAS-COMSTECH	Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Development of cost effective and durable anion exchange membrane for solid alkaline fuel cells Application	In Process
4019	TWAS-COMSTECH	Dr. Aamira Tariq	Biosciences	Islamabad	A nanoscale novel biofilter for efficient fluoride and arsenic removal from contaminated ground water in Pakistan	In Process
4020	TWAS-COMSTECH	Dr. Fariha Khan	Biosciences	Islamabad	Investigating the epigenetic difference between diabetes patients with diabetic nephropathy and diabetes patients without nephropathy: probing the biomarkers and drug candidates for therapeutic targeting of the epigenome	In process
4021	TWAS-COMSTECH	Dr. Waqar Ahmed	Physics	Islamabad	Gold nanoparticles for toxic trace detection	In process
4022	TWAS-COMSTECH	Dr. Amna Mir	Physics	Lahore	Hybrid radar based microwave imaging system for medical diagnosis	In process
4023	TWAS-COMSTECH				From bench to bedside: Intra-nasal administration of NPSR ligands for treatment of opioid addiction	In process
4024	Twas-Comstech	Dr. Muhammad Zaffar Hashmi	Meteorology	Islamabad		In Process
4025	Twas-Comstech	Dr. Talha Akram	EE	Wah	Learning to extract activities from videos: utilizing transfer learning paradigm	In Process
4026	Twas-Comstech	Dr. Syed Rameez Naqvi	EE	Wah	Design of a library of fault tolerant reversibl asynchronous logic primitives	In Process
4027	Twas-Comstech	Dr. Sajjad Ali Haider	EE	Wah	Long short term memory neural network based disturbance model for model predictive control	In Process
4028	Twas-Comstech	Dr. Shumaila Karamat	Physics	Islamabad	Graphene synthesis for organic light emitting diodes	In Process
4029	Twas-Comstech	Dr. Maria Mustafa	Chemical Engineering	Lahore	A parametric study of gas sensing response of organic thin film towards air monitoring applications	In Process
4030	Twas-Comstech	Dr. Shahzad Hussain	Physics	Islamabad	The search of new composite magnetoelectric multiferroic system with strong magnetoelectric response for device applications	In Process
4031	Twas-Comstech	Dr. Abdul Razzaq	Chemical Engineering	Lahore	Sunlight active photocatalytic devices for wastewater treatment.	In Process
4032	Twas-Comstech	Dr. Riffat Jabeen	Statistics	Lahore	Construction of probability models for reliability engineering data analysis	In Process
4033	Twas-Comstech	Dr. Tauseef Anwar	Energy Research Centre	Lahore	Sulfur impregnated TiO2 nanotube arrays for lithium-sulfur battery	In Process
4034	Twas-Comstech	Dr. Syed Tauqir Ali Sherazi	Chemistry	Abbottabad	Bioinspired mechanically strong and highly ion conductor polymer electrolyte membrane for durable fuel cells	In Process
4035	Twas-Comstech	Dr. Ali Usman	Mechanical Engineering	Wah	Surface categorization for improved tribological performance of higher frequency sliding and reciprocating contacts	In Process

4036	TWAS-COMSTECH	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Impact of veterinary medicines on anaerobic digestion efficiency to generate biogas and potential spread of environmental multidrug resistance	In process
4037	Twas-Comstech Research Grant	Dr. Umesalma Amjad	Chemical Engineering	Lahore	Low temperature steam reforming of waste plastic oil convert it to energy efficient fuel: A kinetic study	In Process
4038	Twas-Comstech Research Grant	Dr. Sara Riaz	Chemistry	Lahore	Magnetic nanoparticles decorated functionalized graphene sheets for energy storage applications	In Process
4039	TWAS-Comstech Research Grant	Dr. Fariha Khan	Biosciences	Islamabad	Sequence and function based metagenomics approaches to characterize antibiotic resistome in Pakistani soil microbiomes	In process
4040	TWAS-Comstech Research Grant	Dr. Shahzad Hussain	Physics	Islamabad	The development of magnetoelectric multiferroic materials: Interface, Nanostructures and Composites	In process
4041	TWAS-UNESCO	Dr. Naseer Ali Shah	Biosciences	Islamabad	Associateship scheme at centres of excellence in the South	In process
4042	University of South hampton	Dr. Abubakar Saeed	Manament Saciences	Islamabad	Environmental Innovation and the Pandemic: The Role of Externel collaboration and techonological readiness	In Process
4043	USAID	Dr. Khuda Bakhsh	Management Sciences	Vehari	Adoption of laser land leveling for water conservation and productivity effects in irrigated cropping system in Punjab,Pakistan	In Process
4044	USAID	Dr. Muhammad Mubeen	Environmental Sciences	Vehari	Identification of the change in land use/land cover classification and water use through satellite derived NDVI in the changing climate of southern Punjab	In Process
4045	USAID (Pakistan Strategy Support Program PSSP)	Dr. Noureen Adnan	Management Sciences	Islamabad	Financial Development Economic Growth and financial crises in Pakistan	In Process
4046	USAID Pakistan Center for advanced studies in energy	Dr. Muhammad Afzal Ebrahim	Architecture	Islamabad	Construction, testing and performance of low energy cool tower passive cooling system for energy conservation in building in the warm/hot and dry climate of Islamabad	In Process
4047	USAID Pakistan Center for advanced studies in energy	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	A comparative study of solar water pumps vs electrical tube wells at CIIT Lahore campus-technical and financial analysis	In Process
4048	USAID Pakistan Center for advanced studies in energy	Dr. Rizwan Raza	Physics	Lahore	Direct Liquid (ethanol/methanol) fuel cell (DLFC) for sustainable development	In Process
4049	USAID Pakistan Center for advanced studies in energy	Nida jawad	Architecture	Islamabad	Construction, testing and measuring the thermal performance of green roof and a conventional roof in Islamabad	In Process
4050	USAID Pakistan Center for advanced studies in energy	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Development / demonstration of solar PV systems for small and medium households (150-500 square yard) and capacity building of technical manpower in Pakistan	In Process
4051	USAID Pakistan Center for advanced studies in energy	Dr. Ahson Jabbar Shaikh	Chemistry	Abbottabad	Alloy nanoparticles for efficient plasmonic solar cells	In Process
4052	USAID Pakistan Center for advanced studies in energy	Ar. Adnan Amin	Architecture	Islamabad	Sustainable and renewable energy architectural initiatives for COMSATS Information Technology Islamabad Campus	In Process

4053	USAID Pakistan Center for advanced studies in energy	Dr. Muhammad Ghaffar Doggar	Energy Research Center	Lahore	Design, development and promotion of solar PV dryer for dehydration of food products in Punjab province of Pakistan	In process
4054	USAID Pakistan Center for advanced studies in energy	Dr. Khuda Bakhsh	Management Sciences	Vehari	Examining the role of determinants beyond traditional socioeconomic factors in the adoption of biogas plants in Punjab	In process
4055	USAID Pakistan Center for advanced studies in energy	Dr. Waqqar Ahmed	Physics	Islamabad	Mechanical energy harvesting by piezoelectric nanogenerators	In process
4056	US-Pakistan Centre for Advance Studies in Energy (NUST)	Dr. Sajid Hussain	Environmental Sciences	Abbottabad	Development of nano-structured hybrid composite membrane system for high temperature separation of hydrogen and methane from CO ₂ applicable as energy as biofuels and thermal energy engineering	In Process
4057	US-Pakistan Centre for Advance Studies in Energy (NUST)	Dr. Rizwan Raza	Physics	Lahore	Recycling of waste batteries for development of energy devices	In Process
4058	US-Pakistan Centre for Advance Studies in Energy (NUST)	Dr. Rizwan Raza	Physics	Lahore	Design and development of fuel cell motorcycle indigenously: to lead the way of green technology	In Process
4059	US-Pakistan Centre for Advance Studies in Energy (NUST)	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Establishment of research and training facility in Bio-gas energy at COMSATS IIT Lahore campus	In Process
4060	US-Pakistan Centre for Advance Studies in Energy UET Peshawar	Dr. Muhammad Ghaffar Doggar	Energy Research Centre	Lahore	Promotion of biomass machinery and equipment to supply crops biomass/ residue to power plants in Pakistan	In Process
4061	US-Pakistan University partnerships Funding opportunity	Dr. Athar Hussain	Meteorology , CUI	Islamabad	Pakistan-Indiana environmental and climate resilience university partnership (PIECRUP)	In Process
4062	Welcome Trust	Dr. Zehra Agha	Biosciences	Islamabad	Identification of shared Molecular Pathways in Autism and Epilepsy (ASD-EPI) and their Characterization by HiPSCs Technology	In process
4063	Welcome Trust	Dr. Maleeha Azam	Biosciences	Islamabad	Environment Connections in Treatment Management of Psychiatric Conditions: Identifying Modulating Biomarkers	In process
4064	Welcome Trust	Dr. Sher Zaman Safi	IRCBM	Lahore	Bridging Epigenetic and Environmental Factors in Hyperglycemia-induced beta cell dysfunction and insulin resistance: Identification of new Epigenetic Biomarkers	In process
4065	Welcome Trust	Dr. Muhammad Ali	Environmental Sciences	Abbottabad	Wellcome cost query and assessment of organizational eligibility	In Process
4066	Welcome Trust	Dr. Syed Tatheer Alam Naqvi	Environmental Sciences	Abbottabad	Isolation characterization and purification of plant based agents that inhibit biofilm formation of pathogenic bacteria and the molecular mechanism underlying their inhibitory character	In Process
4067	Welcome Trust	Dr. Rashid Nazir	Environmental Sciences	Abbottabad	Establishing an antimicrobial resistance dashboard for Pakistan: A strategic tool to link therapeutic resistance to environmental gene pool	In Process

4068	Wellcome Trust	Dr. Arshad Jamal	Biosciences	Islamabad	How viruses select their hosts (or vice versa)	In Process
4069	Wellcome Trust UK	Dr. Arshan Nasir	Biosciences	Islamabad	Real time monitoring of the Gastrointestinal microbiota evaluation in travelers to Pakistan	In process
4070	Wellcome Trust UK	Dr. Aamira Tariq	Biosciences	Islamabad	Devising a long non-coding RNA based novel biomarker for triple negative breast cancer	In process
4071	World Health Organization	Dr. Madiha Saeed	Interdisciplinary Research Centre in Biomedical Materials(IRCBM)	Lahore	Bioinspired nanomedicines to synergistically normalize tumor vasculature and immune resistance in breast cancer	In Process
4072	World Health Organization	Dr. Asim Ali	Biotechnology	Abbottabad	Cervical Cancer: Screening, Profiling and Identification of Underlying Novel Mutations in KPK,Pakistan.	In Process
4073	World Wide Fund (WWF)	Dr Haroon Ahmed	Biosciences	Islamabad	Population Dynamics Of house Sparrow in Islamabad and Bahawal Nagar Pakistan	In Process
4074	World Wide Fund (WWF)	Dr Muhammad Asif Gondal	Biosciences	Islamabad	Population Assessment of Scorpions in Thar Deseret (District Mithi, Sindh) Pakistan	In Process
4075	World Wide Fund (WWF) Pakistan	Dr. Nazish Bostan	Biosciences	Islamabad	Screening of West Nile Faver virus in house Sapprow (Passer domesticus) ad house crow (corvus Splender) from Rawalpindi district and Islamabad	In Process
4076		Dr. Rashid Nazir	Environmental Sciences		Assessment of antibiotic resistant genes prevalent in drinking and waste water facilities, role of hygiene and the implications for clinical dissemination	In Process
4077		Dr. Mazhar Amjad Gilani	Chemistry	Lahore	Theoretical design of intriguing nonlinear optical materials: A guide to experimentalists	In Process
4078		Dr. Athar Hussain	Meteorology	Islamabad	Establishment of national center for nano science and technology national center for gis and space applications and national center for human nutrition	In Process
4079	Pakistan Science Foudation	Dr. Muhammad Aslam	Chemical Engineering	Lahore	Novel energy Efficent anaerobic fluidized membrane bioreactor combined with biowast- driven nanocomposite based as fluidized biocarriers for water reuse and bioenergy recovery	In Process
4080	Pakistan Science Foudation	Dr. Ghulam Mustafa Shah	Env-Sciences	Vehari	Formulation of Pelletized Nano Organic fertilizer for improved N Cycling throught waste-soil plant Conitinum	In Process
4081	Pakistan Science Foudation	Dr. Ali Arshad	Compuer Engineering	Islamabad	Desigh and Develop[ment of Intelligent Battery Management System for Tange Extension of Electric Battery Vehicales	In Process