



Aug - Dec

2021

Vol.1

# BIC Newsletter

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welcome on any matter relevant to the mission of COMSATS, namely the promotion of South-South cooperation in science and technology for sustainable progress of the responsibility for the accuracy of any information rests with the original source. Views expressed in this publication do not necessarily reflect those of its editors, publisher or COMSATS.

## Disclaimer

Contributions from readers are welcome on any matter relevant to the mission of BIC. The responsibility for the accuracy of any information rests with the original source. Views expressed in this publication do not necessarily reflect those of its editors, publisher or CUI.

## MESSAGE from Incharge ORIC Prof. Dr. Shahid A. Khan

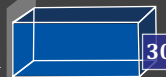


Recent years have seen remarkable growth in the Startup Culture in Pakistan, particularly around universities that are positioning to become the power-hub of converting knowledge into commercialisable products and services. BIC is doing its part by helping startups to grow by providing services (e.g. management training, space, IT) and funding.

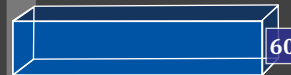
We are on the verge of improving our service structure and opening our facility to host more startups. I would like to urge our students and faculty members to take out time to visit the Business Incubation Center facility and imagine how they can pivot around their ideas to spin off a business that they can run the way they want it.

Startups usually struggle with managing their business functions or fail to attract necessary growth, which results in early failure, BIC will be looking forward to building a collaborative and open environment which encourages learning and cooperation. In this connection, I am pleased to launch this bimonthly bulletin under the patronage of our Prof. Dr. Shahid A. Khan, which will help showcase developments at BIC and help build business partnerships among inducted businesses.

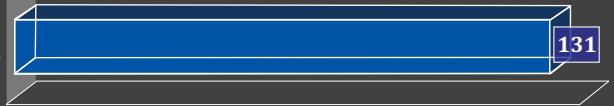
Startup Inducted



Short Listed Ideas



Ideas Received



## COHORT -9 STATS

## Achievement

- Proposal submitted to TIKa foundation for expansion of BIC building.
- Proposal submitted to Pakistan Science Foundation (PSF) for Specialized Incubator.
- BIC performed role of City Host in National Idea Bank (NIB).
- Working on Development of online Data Archive System.

## Events

Activities of BIC, for the Month of December, 2021	01
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## ACTIVITIES OF BIC, DURING THE MONTH OF AUGUST, 2021

### NCAI in collaboration with SSBC has conducted 05 days Training Workshop on “Artificial Intelligence”

National Center of Artificial Intelligence (NCAI) in collaboration with Student Startup Business Center (SSBC) has conducted 05 day’s training workshop on “Artificial Intelligence” from 23rd to 27th, August 2021. Pictures of event are as under:



**EXPERIENCE AI**  
Hands-on Expertise in  
Machine Learning & Deep Learning

5-Day Training

Training Dates: 23<sup>rd</sup> - 27<sup>th</sup> August 2021  
(Timing: 10 AM - 4 PM)

**LEARNING OUTCOMES**

- Day 1:** Introduction to Artificial Intelligence, Machine Learning and Neural Networks
- Day 2:** Introduction to Computer Vision, Convolutional Neural Networks, 2D and 3D Image Processing and Classification.
- Day 3:** Introduction to Semantic Segmentation with focus on State-of-the-Art Deep learning Models (U-Net and GANs)
- Day 4:** Introduction to Natural Language Processing, Language Modeling, Detailed description of deep Learning Models ( RNN and LSTM)
- Day 5:** Transfer learning, Reinforcement Learning and Application of AI in Health.

**TRAINING FEE:**  
**PKR. 5,000/-**  
for Students

**TRAINING FEE:**  
**PKR. 15,000/-**  
for Professionals

Note: Must bring Laptops

**CONTACT DETAILS:**  
Student Startup Business Centre (SSBC), COMSATS  
University Islamabad, Park Road, Chak Shahzad, Islamabad

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<https://www.linkedin.com/company/midlncaicomats>



## ACTIVITIES OF BIC, DURING THE MONTH OF SEPTEMBER, 2021

### Management Committee Meeting for Enrollment of Student Startups

SSBC conducted meeting of Management Committee for enrollment of student startups Batch/Cohort-9 on 22 September, 2021, at video conference room Junaid Zaidi Library. Wherein Prof. Dr. Shahid A. Khan, Head, ORIC, Sardar Yasir Ilyas Khan, President Islamabad Chamber of Commerce & Industry and Ehtesham Bokhari, Incharge SSBC evaluated the presentations of students.



### SSBC-CUI Startup attended seminar titled “Seminar on Cooperation in Industry and Industrial Parks for Senior Officials of Pakistan”

SSBC-Startup “Sustainability Pakistan” Syed Muhammad Rafay Aijaz has attended seminar on “Cooperation in industry and industrial parks for senior officials of Pakistan”. The seminar was held from 09th September, to 22nd September, 2021. Picture of certificate is enclosed as under:



## Orientation Session & 1st Training Session of Student Startups Cohort/Batch-9 held on 20th October, 2021

Orientation Session & 1st Training Session of Student Startups Cohort/Batch-9 was held on 20th October, 2021, at CUI-SSBC. Wherein Dr. Munawar Naz Khokhar welcome all the student startups and highlighted the importance of entrepreneurship and delivered a session/talk titled “Entrepreneurs” from 10:00 am to 11:30 hours. Pictures of event are as under:



## Seminar arranged on 18 & 20 October, 2021, at SSBC to encourage/motivate students to participate in National Idea Bank program

In order to conduct the event of National Idea Bank (NIB) at COMSATS University Islamabad (CUI), a preliminary meeting was held on 18 & 20th October, 2021, at SSBC-CUI, wherein, Mr. Ahsan Malik, A.P./Incharge R&D lab, Syed Ehtesham Bokhari, Incharge SSBC and Syed Uzair Alvi, APO, ORIC have motivated students to submit their business idea in NIB program. Pictures of event are as under:





### 3rd Training Session of Student Startups Cohort/Batch-9 held on 1st November, 2021

3rd Training Session of Student Startups Cohort/Batch-9 was held on 1st November, 2021, at CUI-SSBC. Wherein Dr. Munawar Naz Khokhar, Assistant Professor, Department of Management Science delivered a session/talk titled “Creating Business from Opportunity” from 10:00 am to 11:30 hours. Pictures of event are as under:



### Activities of BIC, for the month of October, 2021

#### 2nd Training Session of Student Startups Cohort/Batch-9 was held on 25th October, 2021

2nd Training Session of Student Startups Cohort/Batch-9 was held on 25th October, 2021, at CUI-SSBC. Wherein Mr. Danish Ahmad Khan, Assistant Professor, Department of Management Science delivered a session/talk titled “The Business Plan” from 10:00 am to 11:30 hours. Pictures of event are as under:





### 6th Training Session of Student Startups Cohort/Batch-9 held on 29th November, 2021

6th Training Session for startups Batch-9 titled “Feasibility Analysis” has been held on 29th November, 2021 (Monday) at SSBC ground floor hall from 10:00 am to 11:30 am. Wherein Mr. Jibran Sheikh delivered a talk to student startups. Pictures of the event are as under:



### 4th Training Session of Student Startups Cohort/Batch-9 held on 15th November, 2021

4th Training Session for startups Batch-9 titled “Exploring your Market” has been held on 15th November, 2021 (Monday) at SSBC ground floor hall from 10:00 am to 11:30 am. Wherein Dr. Muhammad Umer delivered a talk to student startups. Pictures of event are as under:





## ACTIVITIES OF BIC, FOR THE MONTH OF NOVEMBER, 2021

### Smart Selling and Effective Customer Service

The 5th Training Session titled “Smart Selling and Effective Customer Service” was held on 22 November, 2021 (Monday) at SSBC ground floor hall from 11:30 am to 1300 hours. Wherein Dr. Tahir Mumtaz Awan delivered talk on the above topic. Pictures of the event are as under:



### CUI has hosted NIB prize/certificate distribution ceremony on 29th November, 2021

BIC, COMSATS University Islamabad, CUI has hosted National Idea Bank (NIB) prize/certificate distribution ceremony on 29th November, 2021 (Monday) from 10:30 am to 11:30 am at Conference room, Junaid Zaidi Library. Wherein, participant from Islamabad, Rawalpindi, Gilgit and Quetta has attended the ceremony. Further, President ICCI (Mr. Muhammad Shakeel Munir) and Incharge ORIC (Prof. Dr. Shahid A. Khan) have also grace the ceremony. Pictures of event are as under:





## CUI and DICE Analytics (Pvt.) Ltd signed an MoU on 17 December, 2021

COMSATS University Islamabad and DICE Analytics (Pvt.) Ltd has signed an Memorandum of Understanding (MoU) on 17th December, 2021, to enhance university industry linkages. Further, DICE Analytics will help CUI in professional training/workshops as well as in FYP supervision of CUI students.



## MoU Consortium for BIC Establishment at University of Wah



## Japanese Delegation visiting ORIC, CUI on 23<sup>rd</sup> December, 2021





## ACTIVITIES OF BIC, FOR THE MONTH OF DECEMBER, 2021

### Seminar/talk arranged for CUI students as well as startups on Culture of Innovation at Amazon Web Service on 8th December, 2021

Seminar/talk has been arranged for undergraduate students of CUI as well as for startups on “Culture of Innovation at Amazon Web Service (AWS), how to plan your career” on 8th December, 2021, at SSBC ground floor hall. Wherein Mr. Atif Siddiqui, guest speaker who is presently working for AWS has delivered the talk. Pictures of event are attached.



### Pakistan Institute of Engineering and Applied Sciences, Islamabad organized an event titled “CREATE ‘21”

SSBC-CUI startup “Musafyr.pk” Mr. Abu Bakar Bin Akmal participated and won prize in an event titled CREATE “21” organized by PIEAS, Islamabad on 5th December, 2021. Pictures of event are as under:



### SSBC Startup attended seminar titled “Seminar on Construction and Operation of Industrial Parks under Belt and Road Initiative”

SSBC-Startup “Sustainability Pakistan” Syed Muhammad Rafay Aijaz has attended seminar on “Construction and operation of industrial parks under belt and road initiative”. The seminar was held from 24th November to 7th December, 2021. Copy of certificate is enclosed as under:



# FAMBZZHH

SSBC- Room 03 - COMSATS University Islamabad Pakistan

[info@fambzzhh.com](mailto:info@fambzzhh.com) - [fambzzhh.com](http://fambzzhh.com)

## COVID 19 Achievement:

### AMIR PAKISTAN VENTILATOR:

Due to the Novel Coronavirus, the recent global pandemic has resulted in a worldwide health emergency by the World Health Organization (WHO). Due to this disease, 1/6 person becomes seriously ill. It can develop heavy breathing issues in patients and in severe cases, the lungs of the sufferer are damaged ultimately leading to death. Therefore, to reduce this issue, ventilators are used to push air into the lungs of the patients, with heat and moisture content of the pushed air helps to match the internal environment of the patient's body. Every country around the world including Pakistan is using its resources to provide facilities to its nation but there is a shortage of ventilators all over the country due to a large number of patients. Our group of engineers has decided to build ventilators locally on reduced costs to overcome this challenge. This portable ventilator will be made accessible to the majority of patients at hospitals. It will also help to deal less severe cases at homes making home quarantine another possibility. **The project is in top 6 in PEC and is qualified for DRAP test.**



### THERMAL GUN:

Right now, around the world, WHO declared emergency due to coronavirus outbreak. Most of the patient does not even require admitting in hospital for treatment. Only few of Covid-19 patients and can suffer from breathing issues due to serious illness. In these severe cases, lungs are badly damaged. One of the crucial factors to control this outbreak is to identify and quarantine the effected people. It will not only reduce the number of infected beings but also help in tracing of people which might show symptoms in future. The most common symptoms include dry cough along with high fever. Thermal gun is a device use to check the temperature without direct contact by just pointing on object. It an infrared thermometer and is working as an effective device to identify people showing symptoms similar to Covid 19 patient. **Right now, this product is in process of approval from PEC**





**OXIMETER:**

A worldwide health emergency is declared by WHO (World Health Organization) due to the COVID19 outbreak. About 9/10 of Covid-19 -patients recover after quarantine without needing hospital assistance. As per medical specialists, COVID19 patients are found with a lower oxygen rate and that's where a small device called pulse oximeter plays a significant role. Pulse oximetry is a painless medical device, use to measure oxygen saturation of COVID patients by illuminating the skin and measuring changes in light absorption of oxygenated (oxy-hemoglobin) and deoxygenated blood (reduced hemoglobin) by using two small beams of light having different wavelengths. It can rapidly detect even small changes in how efficiently oxygen is being carried to the extremities furthest from the heart, including the legs and the arms. By forewarning the clinicians about the presence of hypoxemia, pulse oximeters may lead to a quicker treatment of serious hypoxemia and possibly circumvent serious complications. It is a light-weighted, painless, device in which a person inserts his/her finger. Pulse oximeter measures pulse and the percentage of oxygen in the blood and the within a half-minute the result show into LCD, this device is very lightweight and easily pick in pocket.



**Other Achievements:**

**WON DICE 2021:**



**Won National idea Bank**



**Qualified in Teknofest Competition**



**In Top 6 in PEC and is Qualified for DRAP Test**



**Sharing Ventilator Detail with Federal Minister for Science & Technology**



Jobs/Internship Creation	
Jobs	7
Internships	10

Project Details	
Project Name	Project Type
Van Go	Main Startup Application
OVR Watch	Client Application
Ineffable Tenders	Startup Application
Jam Commerce	Startup Application
Covid 19 Application	Startup Application
Tour De North (Travel Website)	Client Application
Witnos School System	Client Application
Bountiful.work	Client Freelance Work

Revenue Generation		
Application	Status	Generated Revenue
Van Go App	Ongoing Project	Expected Revenue at End of Year
Ineffable Tenders	Completed	Expected after 6 Months ( Currently in Trial)
OVR Watch	Completed	250,000 PKR
Covid 19 App	Completed	Non Profit
Tour De North	Completed	Expected Revenue on Sale of Product (Currently no Sales)
Witnos School System	Completed	200,000 PKR
Bountiful.work	Completed	35,000 PKR
JAM Commerce	Completed	Expected Revenue on Sale of Product (Currently not available for Sale)

### Achievements:

Ineffable Tenders Application got Appreciation from Pakistan Engineering Council and Contractors Associations of Pakistan.  
IneffableTenders is expected to be officially Recognized by Pakistan Engineering Council.





### Achievements:

We are just start working as Joint Venture with **99 Marketing Studios** to work on different Marketing projects of real Estate Industry.

Project Details			
Sr.	Clients	Projects	Revenue
1.	Jeeva Informatics	12 videos	Expected to be Completed in 2 months
2.	CloudtheApp	5 videos	45,000 PKR
3.	Renovation Gazi	9 videos	80,000 PKR
4.	Cybird Insurance	3 videos	26,000 PKR
5.	Seirera Express	3 videos	27,000 PKR
6.	Kalmar (Flow Software)	2 videos	16,000 PKR
7.	North One Foundation	2 videos	Non-Profit Project
8.	100 <sup>th</sup> tribe	1 video	Non-Profit Project
9.	MiloTree Easy Payments	4 videos	32,000 PKR
10.	IoT Links	2 videos	18,000 PKR
11.	Infinet Cloud	1 video	6,500 PKR
12.	Cloud Link	1 video	7,000 PKR
13.	Key Food Service	3 videos	25,000 PKR
14.	Runway Marketing	4 videos	33,000 PKR
15.	The Urban Alchemist	2 videos	18,000 PKR
16.	EagleShare	5 videos	45,000 PKR
17.	Virginia Work Injury Lawyer	1 video	7,000 PKR
18.	Transformation Teaching	1 video	8,000 PKR
19.	Kids Programming	2 videos	17,000 PKR
20.	Panda Pixel	1 video	9,000 PKR
21.	J&J Hospitality	1 video	8,500 PKR
22.	Burial Insurance	2 videos	17,000 PKR
23.	99 Studios	25 videos	Expected to be Completed in 4 months

Jobs/Internship Creation	
3 Jobs	6 Internships