

TAHIR NAZIR

Father's Name

- Malik Muhammad Nazir

Education

- **MS (Optoelectronics)** COMSATS University, Islamabad
- **M.Sc (Physics)** PUNJAB University, Lahore
- **B.Sc (Math A & B, Physics)** Govt. College Asghar Mall, Rawalpindi
- **F.Sc (Pre-Eng.)** Govt. College Asghar Mall, Rawalpindi
- **S.S.C (Science)** ICB G6/3, Islamabad

Work Experience

- Working as Lecturer at **COMSATS University**, Islamabad from 31 March 2001 and Scientific Officer from Jan 1, 2018 till to date (23 years and three months)

Courses Teaching

- Mechanics and Thermodynamics
- Electricity, Magnetism and Optics

Courses Studies in MS

- Laser Physics
- Optical Fiber and Optical Signal Processing
- Solid State Electronic devices
- Surface Physics
- Laser Spectroscopy
- Optoelectronic devices
- Quantum Optics
- Nanoscience and Technology
- Optics Lab

Qualification

- **MS (OPTOELECTRONICS)** from COMSATS University, Islamabad.

Dissertation

- **“Irradiation of neutron on Silicon”**
Department of Physics, COMSATS University, Islamabad.
Book published on “Neutron irradiation on Silicon” in Germany(2010).

References

- **Dr. Muhammad Anis-ur-Rehman** Department of Physics, COMSATS University, Islamabad.
- **Dr. Faisal Nasim** Department of Physics, COMSATS University, Islamabad

Research Publication

1- Muhammad Shahid Riaz, Tahir Nazir, Ayesha Farooq, Muhammad Arslan Shehzad, Arshad Saleem Bhatti, Anomalous Photoluminescence and UV light sensing characteristics of ZnO:Ga nanowires-role of Ga content. J Mater Sci: Mater Electron DOI 10.1007/s10854-019-01901-0 (2019)

2- “Raman spectroscopy of nominally Ni-doped $\text{LiMn}_{2-x}\text{Ni}_x\text{O}_4$ ($0 \leq x \leq 0.20$)” by Lubna Tabassam^{1,3}, Tahir Nazir¹, Umair Manzoor², Shahid Mehmood¹, Muhammad Umair Hassan^{1,3} and Arshad Saleem Bhatti^{1,*}, A Article reference: MRX-116342.R1 <https://doi.org/10.1088/2053-1591/ab3970> (2019)

3- "Defect states in ZnO/SnO₂ composite nanostructures (CNs) for possible facilitating role in carrier transport across the junction" Madiha Sabeen; Liaquat Aziz; Tahir Nazir; Shahid Mehmood; Muhammad Fahad Bhopal; Awais Ali; Faisal Saeed; Faisal Nasim; C. Cepek; S. Bhardwaj; Anwar Ul-Hamid; Arshad Saleem Bhatti, PhD J Mater Sci: Mater Electron [https:// doi.org/10.1007/s10854-020-04950-y](https://doi.org/10.1007/s10854-020-04950-y) (2021)

Project Co-Pi in the approved HEC project.

Other Activities Working on project in CMND Lab. I am in organizing committee of Workshop on Computational Mathematics and related topics, National Symposium on Nanotechnologies, 6th International Workshop & Training Course on Microelectronics: Micro & Nano-Electronics and Photonics, "COMSATS PROJECTS AND CAREERS EXPO For Fall 2017 24th January, 2018" and Participate in numbers of Workshops, Conferences, Symposiums and Lectures.

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