

# 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 (24 years and two 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<sup>1,3</sup>, Tahir Nazir<sup>1</sup>, Umair Manzoor<sup>2</sup>, Shahid Mehmood<sup>1</sup>, Muhammad Umair Hassan<sup>1,3</sup> and Arshad Saleem Bhatti<sup>1,\*</sup>, A Article reference: MRX-116342.R1 <https://doi.org/10.1088/2053-1591/ab3970> (2019)

3- "Defect states in ZnO/SnO<sub>2</sub> 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, 6<sup>th</sup> 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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