



Syed Ilyas Mohiuddin

Asst.Professor

He/Him

I am currently serving as an assistant professor in the Department of Physics at Muffakham College of Engineering and Technology. I have a solid academic background and specialised knowledge in the field of odour sensors. I have over 19 years of teaching and research experience. My research work focuses on the development of sensors for sniffing odours in human body fluids and detecting human body disorders non-invasively at an early stage by incorporating sensors in an electronic sniffing system. I am committed to inspiring students to start working on the problems of day-to-day life right from the beginning of the semester.

1. Personal Details

- **Name:** Syed Ilyas Mohiuddin
 - **Nationality:** Indian
 - **Email:** silyasm@yahoo.com
 - **Phone Number:** +91-9985984098
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2. Academic Qualification

Master of Science (2002)

3. Teaching Experience

- Assistant Professor, Department of Physics, Muffakham Jah College of Engineering and Technology, 2006 – Present
- Lecturer, Anwar Ul Uloom Degree College [2005 – 2006]

4. Research Experience

Pursuing Ph.D. from Rayalaseema University

- Research Title: Fabrication of Metal Oxide Sensors and Response Studies in Relation Human Body Fluid Odours.
- Research Work Status: Submitted Thesis

5. Areas of Interest: Nanomaterials, Thin Films, Odour sensors, mm wave applications.

6.Completed Projects

- 1) Fabricated working replica of Sir J.C.Bose mm wave experiment funded by IEEE in 2013 for Birla Science Centre, IEEE exhibits, Hyderabad.
- 2) Fabricated working replica of Sir J.C.Bose mm wave experiment funded by IEEE in 2019 for IEEE office at World Trade Centre, Bangalore.

7. Publications

- 1.Syed Ilyas Mohiuddin, Md.Khalid Mubashir Uz Zafar. " Sensitivity Response of Pd doped TiO₂-MnO₂ based Sensor to Human Urine Odour Title of Paper," *IJIRSET*, Vol. IX, Issue VI, pp. 4751–4754, 2020.
2. Syed Ilyas Mohiuddin, Md.Khalid Mubashir Uz Zafar. " ZnO-MnO₂ based Sensor Response to Human Urine Odour," *IJIRCS*, Vol. IV, Issue VII, pp. 33-35,2020.
- 3.Syed Ilyas Mohiuddin, Shaik Kareem Ahmed, Md.Arifuddin Sohail, "Design and Construction of Working Replica of Sir J.C.Bose mm wave experiment"IEEE, India Vol 14 No.2, 2019.

9. Presentations / Workshops Attended

- Presented Sir J.C.Bose mm wave experiment in "Sir J.C. Bose 160th Anniversary Celebration" at World Trade Center, Bangalore, 2019.
- Demonstrated Sir J.C.Bose mm wave experiment in "IEEE Region 10 International Conference" , Bangalore, 2016.

- Attended Faculty Development Programme, QIPCEP, at Center for Biomedical Engineering in IIT Delhi, 2011.
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