



## Dr. AMBREEN INSAF

Assistant Professor  
HEC Approved PhD Supervisor

Department of Applied Physics, University of Karachi  
Email: [ainsaf@uok.edu.pk](mailto:ainsaf@uok.edu.pk)

### About

Dr. Ambreen Insaf is a distinguished academician and researcher who earned her Ph.D. in Applied Physics from the University of Karachi. She is an HEC-approved Ph.D. research supervisor. With over 15 years of teaching experience, she has supervised M.Phil/ M.Sc. research students, supervised Final Year Projects and provided mentoring to the students as a Student's Advisor. Recognized as the first female Ph.D. scholar from the Department of Applied Physics, University of Karachi. As an accomplished author and a reviewer, Dr. Insaf has published several research papers; moreover, she has also provided her academic services in reviewing national and international research articles. Additionally, she has reviewed the Physics Exam Syllabus for the Higher Secondary School Certificate (HSSC) and Secondary School Certificate (SSC) of the Aga Khan University Examination Board.

**ORCID:** [0000-0001-5482-7298](https://orcid.org/0000-0001-5482-7298)  
**Google Scholar:** [tLn6IIAAAAJ](https://scholar.google.com/citations?user=tLn6IIAAAAJ)  
**ResearchGate:** [Ambreen-Insaf](https://www.researchgate.net/profile/Ambreen-Insaf)  
**WoS:** [AAK-2070-2021](https://www.scopus.com/authors/details/authorsID?authorID=AAK-2070-2021)

### Education

- PhD, Applied Physics. University of Karachi, Pakistan
- MSc, Applied Physics. University of Karachi, Pakistan
- BSc (H), Physics. University of Karachi, Pakistan

### Research Interests

- Renewable Energy Technology
- Instrumentation
- Microwave Communication Systems
- Computational Method
- Geo-Statistical Modeling / Geo-Physics

### Awards & Honors

- Quaid-e-Azam Ph.D. Award. Organized by Pakistan Quiz Society (Regd)

### Selected Publications

Full List on [Google Scholar](#)

### Supervision

**PhD:**

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**MPhil:**

01 x MPhil Scholars [Completed]

**MSc:**

02 x MSc Scholars [Completed]

**Final Year Projects:**

01 x BS FYP [Completed]

**Internship Supervised:**

05 x BS Students [Completed]

### Administrative Roles

- Focal Person, ORIC, UoK (2015-Present)
- Focal Person, QEC, Uok (2015-Present)
- Focal Person, Baby Daycare Center, UoK (Mar 2021-Aug 2022)
- Member DRC, Dept. of Applied Physics, Uok (2018-Present)
- Departmental Students' Advisor, (Jan 2022-Apr 2022)

### Professional Memberships

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