

# Dr. M. Sreenath Reddy



Education Qualification: M.Sc, Ph.D

Thesis title:

“Study of indoor Radon/Thoron and Natural Background Radiation Levels in Hyderabad and its Surrounding Areas of Andhra Pradesh, India”.

Research Experience

Environmental Nuclear Radiation and material science

RAD7, Micro survey meter, TL reader, Sample preparation with furnace up to 1400°C.

Number of PhD's awarded: 03

PhD's submitted: 01

Areas of Teaching Experience

1.Modern optics, 2. Nuclear Physics, 3. Advanced Solid State Physics, 4.Classical Mechanics, 5. EM theory 6. DCCN-I , 7.DCCN-II, 8. Microcontrollers and applications, 9.General Solid State Physics, 10.Electronics and 11.Statistical Mechanics.

Assistant Prof: 06.09.2013 to 08.09.2021

Associate Prof: 09.09.2021 to till date

PROFESSIONAL MEMBERSHIPS / ORGANIZATIONS

- National Executive Member for Indian Society for Radiation Physics (ISRP) for the year 2023-2025 and 2019-2021.
- Received Vice-Chancellor research excellence certificate from Osmania University in 2022.
- Indo-Japan workshop on “Environmental Radon/thoron-2010” held at BARC, Mumbai, on 22<sup>nd</sup> and 23<sup>rd</sup> November 2010 (selected only 18 participants from universities).
- Participated in the DAE-BRNS theme meeting RADON-2008 organized by EAD-BARC, Mumbai, during March 11-13, 2008 (Selected only 12 participants from universities across the country).

Grants:

1. Soft x-ray absorption spectroscopy and XMCD study of hexaferrite thin films, by UGC-DAE CSR, Indore, grant: Rs. 6,39,000/- in Dept., of physics, OU in April,2021.
2. Startup grant project sanctioned by UGC, New Delhi. Grant, Rs. 6 lakhs in 2017.

Life membership: IARP, NTSI, ISRP, LSI, INSC and ISOI

Publications: <https://scholar.google.com/citations?hl=en&user=vK1-W3AAAAAJ>