

Faculty Profile

Name : Dr. S Doreswamy Designation : Professor Department : Physics E-mail : dore@nie.ac.in Phone : 94818 30505 ORCID ID : https://orcid.org/0000-0002-3471-3856 Scopus index ID : 12344746900 Area of Research Interest : Photonics, X-ray Crystallography Number of papers published in International Journals : https://scholar.google.com/citations?user=zFoF7eFzuwYC&hl=en	
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Qualification:

Ph.D. (University of Mysore),

M.Sc (Sri Sathya Sai Institute of Higher Learning(Deemed University),

B.Sc (Sri Sathya Sai Institute of Higher Learning(Deemed University)).

Courses Taught:

Engineering Physics, Engineering Physics Lab

Sponsored research projects

Sl. No.	Title of the Research Project	Funding Agency	Amount	Duration	Year (From - To)
1	Design and Synthesis of thioamide bioactive compounds: Crystal structures, quantum simulation and mechanistic studies through docking as multi-target inhibitors of anti cancer and cytotoxicity	NIE-CRD	75,000/-	1 Year	2025-26
2	Multicomponent synthesis, crystal engineering, Density Functional Theory (DFT), molecular docking and molecular dynamics simulation studies of novel thiazole and oxadiazole derivatives towards their potential use against SARS-CoV2	NIE-CRD	75,000/-	1 Year	2024-25

Professional membership:

- Life member, Indian Crystallographic Association (ICA)

Journal Publication:

Refer the Google scholar: <https://scholar.google.com/citations?user=zFoF7eFzuwYC&hl=en>