

PROFILE OF DR. R. D. EITHIRAJ

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Education

- * Ph. D. in Computational Physics from the Anna University, Chennai, India.

Academic and Research Experience

Academics:-

- * Associate Professor since July 2022 in the Department of Physics, School of Advanced Sciences, Vellore Institute of Technology (VIT), Chennai, India.
- * Worked as an Assistant Professor Senior, Division of Physics, School of Advanced Sciences, Vellore Institute of Technology (VIT), Chennai, India (February 2021-June 2022).
- * Worked as an Assistant Professor Senior, Department of Physics, School of Advanced Sciences, Vellore Institute of Technology, Vellore, India (December 2019-January 2021).
- * Vellore Institute of Technology (VIT), Vellore deputed me to Guangdong University of Technology (GDUT), China for teaching purpose (August 2019-December 2019).
- * Worked as an Assistant Professor Senior, Department of Physics, School of Advanced Sciences, Vellore Institute of Technology (VIT), Vellore, India (July 2018-August 2019).
- * Worked as an Assistant Professor, Department of Physics, School of Advanced Sciences, Vellore Institute of Technology (VIT), Vellore, India (July 2014-June 2018).
- * Worked as Post-Doctoral Fellow at the Centre for Nanotechnology, VSB Technical University of Ostrava, Czech Republic (September 2013-June 2014).
- * Worked as a Post-Doctoral Fellow at the Donostia International Physics Centre (DIPC), Spain (August 2011-August 2013).
- * Number of Thesis Guidance:- **Ph.D.** 5 in progress & 1 submitted thesis | **M.Sc.** 8 completed and 3 in progress

Research:-

Grant-in-aid Sponsored Projects (as Principal Investigator)

Year	Sponsoring Agency	External Cash Flow	Internal Cash Flow	Status
2015-18	DST- SERB	Rs. 5.64 Lacs	-	Completed
2023-	MeitY	Rs. 17.84 Lacs	-	On-going

Publications

Citation: 344, h-index: 10, i10-index: 10

Total: ≈41

Journals: ≈34

Conferences: ≈7

Invited Talks

- *Organizational Behaviour, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, India,
- *Databases and Journal Metrics, Vellore Institute of Technology, Vellore, India,
- *Skill Development Programme on Various Simulation tools used in Research (AICTE), Sathyabama Institute of Science and Technology, India.
- *Workshop on Nanotechnology, VSB Technical University of Ostrava, Czech Republic.

Academic and Research Links

- National Institute of Technology (NIT), Warangal, Telangana, India.
- PSG Institute of Advanced Studies, India.
- B. S. Abdur Rahman University, Chennai | Sri Sai Ram Engineering College, Chennai, India.
- Guangdong University of Technology (GDUT), China.
- Donostia International Physics Centre (DIPC), Spain | VSB Technical University of Ostrava, Czech Republic.
- Konkuk University, Republic of Korea | Universidad Politécnica de Tapachula, Mexico.
- Université de Mascara, Algeria | Taif University, Saudi Arabia.

Research Awards for Professional Recognition

- # Recipient of the Direct Senior Research Fellowship for Physical Science by the Council of Scientific & Industrial Research (CSIR), India.
- # Research article ranked 21st in ScienceDirect among TOP 25 Hottest Articles
- # Received Best Poster Award from 54th DAE Solid State Physics Symposium, BARC, Mumbai.
- # Recipient of the Research Intern Award from Motorola, R&D, Bangalore, India.

Outlook

- My research focuses on Computational Materials Science through the application of modern computational methods (DFT, TDDFT & MD) to understand crystalline/amorphous novel high-performance bulk, alloy formation and 2D materials.