

UDAI RAM AHIR

Assistant Professor in Physics

Dr. Bimrao Ambedkar Govt. P.G. College, NIMBAHERA (Raj.)

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Area of Interest

Teaching, Condensed Matter Physics, Nanophysics, Material Science, Quantum Physics etc.

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	MSc Physics	Indian Institute of Technology, Roorkee	8.494
2018	B.Sc. (PCM)	University College of Science , MLSU, Udaipur (Raj.)	87.48 %
2015	Twelfth	Mahesh Gyan Mandir Sr Sec School ,Kapasana (RBSE)	93.0 %
2013	Tenth	Swami Vivekanand A V M Sec School , Kapasana (RBSE)	81.33 %

Projects

The Current-Phase Characteristics of Superconductor Quantum Dot Josephson Junction | M.Sc. Project

- A Study of Josephson Junctions and Quantum Dot Systems under the supervision of Dr. Ajay, Professor (IITR).

Publications

A Study of Current-Phase Characteristics of Superconductor Quantum Dot Josephson Junction | An article as a chapter in a book "A Comprehensive Guide to Superconductivity" in Nova Science Publishers New York, USA, 2021 (ISBN:978-1-53618-901-8).

Awards / Scholarships / Academic Achievements

- Inspire Scholarship for Higher Education (DST) 2016-2020
- JAM Qualified (Air-329) Year -2018
- Jest Qualified (Air-126) Year- 2018
- NET-JRF Qualified (Air-240) Year-2018(Dec.)
- **NET-JRF Qualified (Air-92) Year-2019(Dec.)**
- **NET-JRF Qualified (Air-42) Year-2020(June)**
- Jest Qualified (Air-569) Year- 2020
- GATE Qualified (Air-854) Year- 2020 and 2021
- District Topper in 12th Board Exam Year -2015
- Inspire Award Year 2009-2010

Skills

Computer languages- Fortran, Matlab, Python
Languages Known- English (SRW), Hindi(SRW)