

Curriculum Vitae



Name: Dr. Madhuri Patil

Address: Mogra ,E-3 Tirupati Park Gurusahani Nagar N-4 CIDCO
, Chhatrapati Sambhajinagar

E-mail: madhuri.patil@mit.asia,

Date of Birth: 03-01-1974

Academic Credentials

Class/ Degree	Specializa tion	Institution	University	Year	%/CGP A	Class
Ph.D.	Physics		Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Sep 2021		
M.Sc.	Physics(M aterial Science)	North Maharashtra University ,Jalgaon	North Maharashtra University ,Jalgaon	June 1996	67 %	<i>First Class</i>

B.Sc.	Physics	G.T.P.College ,Nandurabar	North Maharashtra University ,Jalgaon	June 1994	71 %	<i>Distinction</i>
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M.Sc	
Title	E Governance
College	North Maharashtra University ,Jalgaon

Ph. D (CSE)

Title	“Growth and Development of Low-Cost High-Efficiency Domestic Solar Cell Batteries”
Guide	Dr. Ramphal Sharma
University	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Completed on	September 2021

Key Research Areas: Remote Sensing, Machine Learning, Image Processing

Experience

Sr. No.	Organization	Post	From-To	No. of Years
1	MIT	Assistant Professor	2011- Till date	14 yrs
2	MIT	Lecturer	2009-2011	2 yrs

List of Courses Taught/Teaching at UG level:

- Engineering Physics
- Basic Human Rights
- Cognitive Aptitude
- Universal Human Values

Additional Assignments/Duties:

- NBA Departmental Co-ordinator-2014-15,2021-22
- Online Exam U.S 2014
- Admission Committee Member From 2010 till date
- Class Teacher From 2009
- Co-convener ,Treasurer ,Organizing Secretary of Techno blitz (FE Student Event) 2013,2015,2018
- C.S. of the Dr.BAMU exam May-June 2013
- Term Work Coordinator 2014,2017-2020
- Physical verification of laboratory equipments committee member 2012
- LRC Chairperson 2011-12
- LRC Member-2012-14 ICC Member 2018-2022
- Central Youth Festival 2012 Office Committee.
- US of the Dr.BAMU exam Nov-Dec 2011-12
- Committee Member of yoga shibir 2011
- Subject Expert for interview in Kendriya Vidyalaya, Aurangabad 2011
- Subject Expert for walk in interviews -2010
- Examiner, Moderator for Dr. BAMU Engg. Exam since 2009
- Judge for poster presentation NCMS,Amravati 2014
- Attended and Conducted Two week ISTE STTP (IIT Mumbai) on Engineering Physics Dec 2015
- First year Induction in charge 2020
- Dr.Babasaheb Ambedkar Marathwada University paper setter 2019,2020

Membership of Professional Bodies:

- Life member of Indian association of Physics Teacher

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended:

WORKSHOPS ATTENDED

- One day research conclave - 20th January 2025 at Maharashtra Institute of Technology , Chhatrapati Sambhajnagar
- Three days face to face FDP Universal Human Values on the theme “Inculcating Universal Human Values in Technical Education organized by AICTE at Maharashtra Institute of Technology , Chhatrapati Sambhajnagar -9TH-11TH Oct 2024
- One week workshop on Universal Human Values on the theme “Inculcating Universal Human Values in Technical Education organized by AICTE 6 days on UHV II 15-20TH April 2024
- One week FDP on Green Energy materials and Technology,1st May-5th May 2023 AICTE recognized ,NITTR Chandigarh
- One week online FDP on Nanoscience and Nanotechnology -Current perspective organized by G.H.Raisoni college of Engineering ,Nagpur 27th July -1st August 2020

- One week online FDP on E-content development in teaching organized by Saraswati kala Mahavidyalaya in association with P G Department of Computer Science Sant Gadge Baba Amravati University ,Amravati 4th – 10th June 2020
- One day e- Conference on Assimilation of knowledge on recent advances in nanomaterials during Covid 19 16th June 2020-organised by Smt Radhabai arts,commerce and science Anjangaon Surji -Amravati.
- One week FDP on Contemporary Amelioration in Nanostructured materials organized by Department of Physics and Chemistry JEPPIAAR Engineering College Chennai 21st-27th July 2020
- One week Pedagogical Training for teacher on Tools for online Teaching and Evaluation organized by School of Mathematical Sciences Swami Ramanand Teerth Marathwada University ,Nanded – 1st – 6th July 2020
- One week Online workshop on Universal Human Values on the theme “Inculcating Universal Human Values in Technical Education organize by AICTE -12TH – 16TH October 2020

ORGANISING WORKSHOP/CONFERENCE

- Organized Face to Face 3-day Introductory FDP on UHV by NCCIP, AICTE at Maharashtra Institute of Technology ,Chhatrapati Sambhajinagar - 9th -11th October 2024

Intellectual Property Rights

Detail of Patent

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	NIL					

Detail of Copyright

S.No	Copyright Title	Copyright No.	Award Date	Agency/Country	Status
1	NIL				
2					

List of Research Publications

Papers in National/ International Journal

- High-performance Li-Se battery: Li₂Se cathode as intercalation product of electrochemical in situ reduction of multilayer graphene-embedded 2D-MoSe₂

- Electrochemical performance of low-cost PANI-anchored CuS electrode for lithium-ion batteries

Papers in National /International Conference Proceedings

- Study of various synthesis techniques of Nanomaterials
 Synthesis and Characterization of Cu₂S Thin Film Deposited by Chemical Bath Deposition
- Method
- Optoelectronic properties of Polyaniline Thin Film Deposited by polymerization technique

Papers published in Book chapter

NIL

Reviewer

NPTEL Certification

Duration (in Weeks)	Course Name
NIL	

Date: 25th April 2025
 Place: Chhatrapati Sambhajnagar

Dr. Madhuri Patil
 Assistant Professor
 BSHD