



Department of First Year Engineering

Faculty Profile

Prof. Rajendra M. Deshmukh

MSc (Physics, NET, SET)

Assistant Professor

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Research Areas / Areas of Interest

Electricity and Magnetism, Superconductor, Nanotechnology.

Personal Details

Date of Birth : 27/03/1994

Gender : Male

Contact Details : Fergusson College road,
Shivajinagar, Pune -411004

Domicile: Maharashtra

Blood Group: O^{+ve}

Academic Background

Sr. No.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	MSc	Physics	Pune(Fergusson College)	First Class	July-2017
2	BSc	Physics	Pune	1 st with Distn.	June-2015
3	NET	Physics	CSIR	1 st with Distn.	Dec-2019
4	SET	Physics	Pune	1 st with Distn.	June-2019
5	JEST	Physics	Science and Engineering Research Borad	1 st with Distn.	March-2019

Work Experience

Sr. No.	Type of Experience	Years	Months
1	Teaching	2	5
2	Research	--	--
3	Industry	--	--
4.	Others	--	--
Total		2	5

Subjects / Courses Taught

Sr. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Engineering Physics(2019 pattern SPPU)	UG	FE	04
2	Physics Principles and Applications	UG	F.Y.BSc	03
3	Electricity and Magnetism (2019 pattern SPPU)	UG	F.Y.BSc	03
4	Quantum Mechanics	UG	T.Y.BSc	02
5	Electrodynamics	UG	T.Y.BSc	02
6	Atomic and Molecular Physics	UG	T.Y.BSc	01
7	Non Destructive Testing Techniques	UG	T.Y.BSc	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals					
Conferences					

Publication Details (Journals)

Sr. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher

Professional Memberships

Professional Body	Level (National/International)	Type (Fellow/Life/Annual)	Membership No.

Patents / IPR Filed / Granted

Sr. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details

Books Published

Sr. No	Title	Name of the Publisher	ISBN/ISSN Number

Research Grants Received

Sr. No	Program	Duration	Funding Agency	Grant Amount

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

Sr. No.	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency

Contribution as Resource Person

Sr. No.	Place/ Organization	Topic	Level (National/Int/State/Regional)	Date

PhD / ME / BE Student Guided for Project

Level	Ph.D	ME	BE
No. of students guided			

Details of Workshop / STTP / FDP / Conferences Attended

Sr.N	Title	Type	Duration	Organizer	Sponsorin gAgency
1.	Astronomy, Science and Society	FDP	3 Days (6 th to 8 th Sep. 2023)	MSFDA	
2.	Introduction To Innovative Pedagogies	FDP	3 Days (25 th to 27 th Apr. 2023)	MSFDA	
3.	Mastering the Arts of Using I.C.T in Teaching Padagogies	National Level FDP	1 Day 7 th Nov 2023	National Press Associates, New Delhi.	
4.	Career Opportunities and Guidance in Physics	National Webinar	1 day 26 th AUG 2021	Department of Physics, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai-600048, Tamil Nadu, India.	
5.	Syllabus Framing For F.Y.B.Sc. PHYSICS	Workshop	1 day 23 th SEP 2023	Department of Physics, Balasaheb Jadhav, Art, Commerce and Science College, Ale and Board of Studies in Physics, SPPU, Pune	
6.	Energy and Environmental Technologies	NET Skills Programme	1 Month Jan 2013	Science and Technology Park, University of Pune	
7.	Thermoelectric-Harmony Between Heat and	Webinar	1 Day 11 th SEP 2020	Dept. of Physics, Gour Mohan Sachin Mandal	

	Electricity			Mahavidyalaya, Bireswarpur, South , West Bangal.	
8.	Recent Trends in Advanced Materials	International Conference	1 Day 2 nd SEP 2023	P C Jabin Science College (Autonomous)	
9.	Nanotechnology and Nanomaterial	Webinar	1 Day 19 th DEC 2023	Dept. of Physics Patkar-Varde College	
10.	National Conference on Advance Materials and Applications	National Conference	2 Days 4 th and 5 th MAR 2016	Dept.of Physics Fergusson College, Pune	
11.	Mastering the Arts of Using I.C.T in Teaching Pedagogies	National Level FDP	1 Day 7 th NOV2023	National Press Associates, New Delhi.	

Major Professional Responsibilities

Sr. No.	Role and Responsibilities
1.	Mentor for Mech. B and SW Division AY-2023-24
2.	

Awards Received

Sr. No.	Awards

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief

Prof. Rajendra Madhukar Deshmukh