

Faculty Profile

- **Faculty Name** : Akshay Laxman Chavan
- **Designation** : Assistant Professor
- **Department** : Applied Science and Humanities
- **Mobile No.** : 8055899898
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• Educational Qualification

Sl.	Degree	University	Class
1	B.Sc.(Physics)	Shivaji University, Kolhapur	First class with distinction
2	M.Sc.(Solid State Physics)	Shivaji University, Kolhapur	First Class
3	Ph. D. (Scholar)	Shivaji University, Kolhapur	-

• Professional experience:-

Total experience in years: 07

Teaching:-07

Industrial:-00

Research:-00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	1March2025 to Till Date
2	Dr. Bapuji Salunkhe Institute of Engineering And Technology, Kolhapur.	Assistant Professor	18 June.2024to 28February2025
3	Nanasaheb Mahadik College of Engineering, Peth	Assistant Professor	1October2019to 18June2024

➤ Subject Taught:-

Undergraduate Subjects			
1	Engineering Physics		

- **Project Work at U.G.:-** Nil
- **Project Work at P.G.:-** Copper oxide thin film for supercapacitor
- **Research Area of Interest:-** Thin films, Supercapacitor

➤ Book Published:-

Nil

➤ Paper Published in National & International Journal:-

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSNNo.
1	Review- Different Synthesis Methods of Copper Oxide for Supercapacitor Application	International Journal of Research in Engineering, Science and Management.	IJ	June 2024	Volume7 Issue 6

2	Recent Development in cobalt oxide electrode materials for enhanced supercapacitor	International Conference on integrated research and sustainable development	-	October 2025	-
3	Optimal inventory management and pricing strategies for perishable products: a comprehensive review.	International Conference on integrated research and sustainable development	-	October 2025	-

* NJ-National Journal

IJ-International Journal

➤ No. of Project Guided at U. G. Level:- 00

➤ No. of Project Guided at P. G. Level:- 00

➤ STTP/FDP/Workshops/Attended/Participated:-

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Empowering Educators and Entrepreneurs	Grassroots Foundation, Mumbai	22 nd November to 30 th November 2025
2	45 th GISFI Standardization Series Meeting and International Workshop on Digitisation: Bridging the Present and Future	AMGOI	30 th October to 11 th November 2025
3	FDP on Emerging Trends in Artificial Intelligence and Machine Learning.	AMGOI	29 th December 2025 to 3 January 2026
4	One week Faculty development program on , Advances, challenges and research trends in electrical vehicle technology.	AMGOI	27 th January to 30 th January 2026
5	Industrial Mathematics & AI in Robotics, Automation and Cyber Security”.	Indian Academy of Industrial and Applicable Mathematics	15 th and 16 th May 2025
6	Workshop-AI for Students: Build Your Own Generative AI Model	Nxt Wave	6 th April 2025
7	Webinar on “Nanotechnology: A path Forward To Address Global Challenges”	Balwant College, Vita	24 th October 2024
8	One Week National Level Virtual FDP on Interdisciplinary Approaches For Professional Excellence	Shreyas Institute of Engineering and Technology	5 th to 9 th August 2024
9	One Day Workshop on “SET/NET Preparation and Research Paper Writing”	Shri Venkateshwara College of Science,Peth	3 rd February 2024
10	IP Awareness/Training Program under National Intellectual Property Awareness Mission	Intellectual Property Office, India	28 th November 2023

11	Four Days National Level Workshop on NTANET/SET Paper	Gomsguru Academy, Bangalore	13 th to 15 th November 2023
12	One Week Training Programme on Opportunities for Research and Innovation using the DST-Sponsored Facilities of Gauhati University	Gauhati University	24 th to 30 th November 2022
13	National Conference on Advances in Science, Engineering and Technology for Sustainable Development (NCASETSD-2022)	Government College of Engineering, Karad.	20 th -21 st May2022
14	FDP–NBA Accreditation and Teaching and Learning in Engineering (NATE)	NPTEL	January – April2022
15	One Day National Level Online Webinar on “Recent Perspectives In Modern Physics”	R. B. Narayanrao Borawake College, Shriampur	10 th September 2020
16	Webinar on Century of Quantum Mechanics and Still Going Strong	The Maharaja Sayajirao University of Baroda and Gujarat Science Academy	15 th to 17 th June2020
17	Online Webinar on “Industrial Robotics: Low Cost Automation-Need of industry”	N.K. Orchid College of Engineering and Technology, Solapur.	9 th June 2020
18	Webinar on “Patent filling and Prosecution”	KPR Institute of Engineering and Technology	23 rd May 2020
19	One Day Webinar on New Higher Education Policy and Digitization of Education	DBATU and R. C. Patel Institute of Technology, Shirpur	17 th May 2020
20	One week Online FDP on “Communication and ICT”	DBATUTEQIP-III	5 th to 10 th May2020
21	One Week Online FDP on Scilab	S. B. Jain Institute of Technology, Management & Research, Nagpur	4 th to 9 th May2020
22	Webinar on –“Research Metodology and Frontiers in Science	Saurashtra University, Rajkot and Gujarat Science Academy and Essence tech.	26 th to 29 th April 2020
23	Two Day National Online Workshop on “Nanomaterials for Human Safety and Environment.	K. M. E. Society’s G. M. Momin Women’s College	15 th and 16 th March 2020
24	STTP through ICT Mode on Theory, Operation and Application of Transducers& Actuators in Industry	National Institute of Technical Teachers’ training and Research, Kolkata.	30 th December 2019 to 03 rd January 2020

25	A One Day State Level Workshop on Solar Festival-2019	Maharashtra Andhashraddha Nirmulan Samiti and KBP College, Urun Islampur	17 th November 2019
26	International Conference on Energy, Environment and Ethics in Research	Yashwantrao Chavan Warana Mahavidyalaya, Warananagar	7 th February 2019
27	One day national conference on Science and Technology for Sustainable Development	Jaysingpur College, Jaysingpur	20 th January 2019
28	National Seminar on Energy Conversion and Storage	Devchand College, Arjun Nagar	27 th December, 2018

➤ **Programs Organized:-**

Nil

➤ **Special Achievements:-**

Nil

➤ **Departmental Responsibilities:-** First Year Engineering Student Association(FESA) coordinator, Class coordinator, NAAC criteria 5 coordinator, Physics Lab Incharge, Mentor Coordinator

➤ **Other Experience/Responsibilities If Any :-**

Paper setter and Moderator for End Semester Exam at Sanjay Bhokare Group of Institutes, Miraj.

Paper setter for End Semester Exam, December 2024 at KIT's College of Engineering, Kolhapur.

➤ **Social Contribution If Any:-** Organized awareness program with the help of first year engineering students such as-

- 1) Tree plantation
- 2) Nasha-Mukt Bharat-Pledge
- 3) Road Safety Awareness Rally