



SHIVAJI UNIVERSITY, KOLHAPUR

Department of Physics

2023 - 2024

Department of Physics

Establishment Year : 1964

Head of the Department : KESHAV YASHWANT RAJPURE

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Autonomous : No

Programmes Offered in the Department

Sr. No	Programme Name	Branch	Duration		Intake	Eligibility Criteria
			Year	Month		
1	M.Sc.-Master of Science	Physics	2	0	70	B.Sc. Physics

Ph.D Offered : Yes

Placement opportunities :

- .Post -Doctoral Fellowship, Assistant Professor, Research Professor, Scientists And Research Associates within India and all around the globe
- Teaching, Research and competitive examinations
- Actual Placements: 55

Salient Features of the Department:

- Internationally recognized research in Material Science of the Department
- Worldwide Placement of the Department students
- Research Eco-system of the Department has been created through coherent efforts
- Generously funded by UGC, DST, BRNS DAE, DRDO, SERB CSIR etc.
- Departments own research instrumentation center (PIFIC)

Teaching Staff Information

Sr.No	Faculty Name	Designation
1	Prof.Dr. Keshav Yashwant Rajpure	PROFESSOR & HEAD
2	Prof. Dr. Vijay Janardhan Fulari	SENIOR PROFESSOR
3	Prof. Dr. Promod Shankarrao Patil	SENIOR PROFESSOR
4	Prof. Dr. Rajendra Girjappa Sonkawade	PROFESSOR
5	Dr. Annasaheb Vitthal Moholkar	ASSOCIATE PROFESSOR
6	Dr. Rajiv Shrikant Vhatkar	ASSISTANT PROFESSOR
7	Dr. Nilappa Laxman Tarwal	ASSISTANT PROFESSOR
8	Dr. Mansing Vasantrya Takale	RESEARCH PROFESSOR
9	Dr. Siba Prasad Das	RESEARCH PROFESSOR
10	Dr. (Mrs.) Vijaya. R. Puri	RESEARCH PROFESSOR
11	Dr. U. M. Chougale	TEMP. ASSISTANT PROFESSOR
12	Shri. N. K. Chavan	TEMP. ASSISTANT PROFESSOR

Equipments

Sr.No	Equipments Name	Description / Use
1	Battery Cycler	Electrochemical measurement
2	Contact Angle Meter	Wettability measurement
3	Electrochemical Quartz Crystal Microbalance	Electrochemical measurement
4	Electrochemical work station	Electrochemical measurement
5	FE-SEM	Surface morphology determination
6	FT Raman Spectrometer	Structural analysis
7	Fluorescencemeter	Luminescence measurement
8	High Frequency LCR meter	Dielectric measurement
9	Potentiostats	Electrochemical measurement
10	SEM with EDAX	Scanning electron microscope
11	Surface Profiler	Surface roughness measurement
12	ULF/VLF sensors	Geomagnetic Variations measurement Associated with Earthquakes
13	UV-Vis Spectrophotometer	Optical properties measurement
14	X-ray Diffractometer 2	Crystal structure determination

Other information:

- i. Department has own Physics Instrumentation Facility Center (PIFC) Which Offers Various Characterization Techniques If HOD Permits
- ii. Departmental Recognized International Eco System/ Department Profile

Department Head Signature