SHIVAJI UNIVERSITY, KOLHAPUR

School of Nano Science and Technology

2023 - 2024

School of Nano Science and Technology

Establishment Year : 2012

Head of the Department : KIRANKUMAR KAKCHINGTABAM SHARMA

Phone (office) : 02312609490

Email ID (office) : nanoscience@unishivaji.ac.in

Email ID (HOD) : kks.snst@unishivaji.ac.in

Autonomous : No

Programmes Offered in the Department

Sr. No	Programme Name	Branch	Duration		Intake	Eligibility Criteria
			Year	Month		
1	Integrated M.Sc.-Integrated Master of Science	Nano Science and Tecnology	2	0	35	B. Sc. in Nanoscience and Tehnology/Physics/Chemistry
2	Integrated M.Sc.-Integrated Master of Science	Nano Science and Tecnology	5	0	60	12th Science with 45% for Open Category and 40% for Reserved Category

Ph.D Offered : Yes

Placement opportunities : R&D in nanocoating, foundry, analytical, chemicals, agrochemicals industries and higher studies

Salient Features of the Department:

1. Highly Multidisciplinary, Interdisciplinary and Research Based Teaching and Learning Program.
2. The only School Offering B. Sc.-M. Sc. Nanoscience and Technology (5 Years Integrated) Program in India.
3. Full 1 Year Project/Embedded Internship from industries in Final Year.

Teaching Staff Information

Sr.No	Faculty Name	Designation
1	Dr. Kiran Kumar Kakchingtabam Sharma	PROFESSOR
2	Dr. Shri. Pramod Jagannath Patil	ASSISTANT PROFESSOR
3	Dr. Shri. Kiran Dagadu Pawar	ASSISTANT PROFESSOR
4	Dr. Shri. Tukaram Dattatray Dongale	ASSISTANT PROFESSOR
5	Shri. Mukesh Nimba Padvi	ASSISTANT PROFESSOR

Infrastructure Facilities

Classrooms	Conference Hall
Laboratory	Library
Ramp available for Persons with Physical	Smart Classrooms

Equipments

Sr.No	Equipments Name	Description / Use
1	Bio Safety Cabinet	Research and Teaching
2	CO2 Incubator	Research and Teaching
3	Chemical Vapour deposition	Research and Teaching
4	Contact angle meter	Research and Teaching
5	Cryostat	Research and Teaching
6	DLS with Zeta Potential	Research and Teaching
7	Electrometer (High Resistance)	
8	Electrometer (High Resistance) Programmable electrometer	Research and Teaching
9	Electrospinning	Research and Teaching
10	Film coater with Heating Cover	Research and Teaching
11	High temperature furnace	Research and Teaching
12	Incubator	Research and Teaching
13	Memristor measurement unit	Research and Teaching
14	Micro plate Reader	Research and Teaching
15	Micro plate Washer	Research and Teaching
16	Microwave synthesizer	Research and Teaching
17	Multifrequency Basal Ultrasonicator with 587, 785, and 1147 kHz frequencies	Research and Teaching
18	Nano Pure Water System	Research and Teaching
19	Photo reactor	Research and Teaching
20	Programmable Vacuum Oven	Research and Teaching

Other information:	1. Students Publishes Papers and Reviews in Peered Reviewed International Journals (Scopus Indexed) 2. More than 80 Students Placed with Full Fellowships for Ph. D. Degree. 3. Embedded Internship of Industrial Problem Based Projects Enabled to Placement of Students in Industries. 4. Placement in Multinational Scientific Publishing Houses. 5. Placement in Defense/Banking/IT sectors 6. Entrepreneurship