

School of Nanoscience and Technology

Shivaji University, Kolhapur

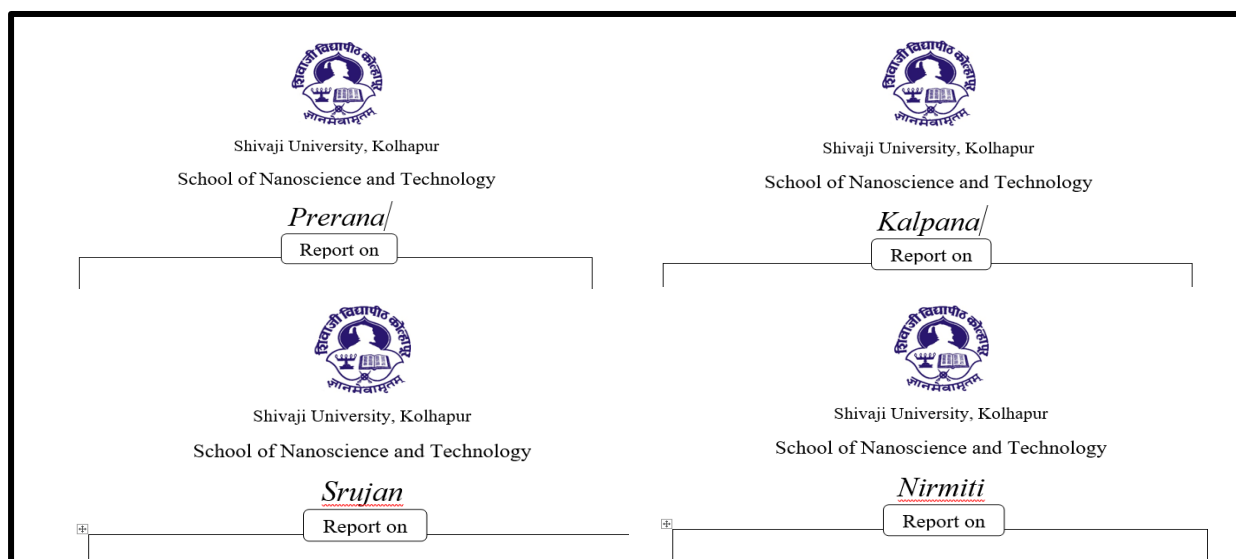
INSTITUTIONAL VALUES AND BEST PRACTICES

School of Nanoscience and Technology, the only school in the campus and jurisdiction of Shivaji University, Kolhapur, offering B.Sc.-M.Sc. in Nanoscience and Technology (5 year integrated) program. The School caters young students after 10+2 and needs continuous mentoring, guidance for their complete development as a responsible citizen after the completion of the program. The best practices under following three categories are being implemented and practiced.

1. Teaching and Learning

In order to instill the research aptitude in the students, we implement N^3 mechanism, that is, Nucleate, Nurture and Navigate. During first four years of the program, students are given the Mini projects, which help them in inculcating and nurturing of the fundamental skills required to be a good researcher.

During this activity, students learn to do a literature survey, to write scientific articles, and to find a research problem for their Master's project. This practice has resulted in making our students capable of publishing research papers in peer viewed International journals and the proportion of the students getting admitted for their Ph.D. in the foreign countries have increased exponentially.



2. Administration

Procuring circulars, purchases and bills are important part of efficient functioning of the School. To address the bottlenecks the School formulates Standard Operating Procedures (SOP) for all the sections. Under this SOP's the functioning of the School has become smooth and the office staff has become more efficient.

School of Nanoscience and Technology		School of Nanoscience and Technology		Check List for Bill Process बिल प्रक्रियेची पडताळणी सूची (F.G.Bill)		
SOP For Purchase of Chemicals, Glassware and Plastic Ware		SOP For Purchase of Equipment		SR NO.	Documents	Yes /No
Purchase Requisition भल्ले, नमुना - 'अ'		1. Purchase Requisition भल्ले		1.	Form No.VII-A(नमुना क. VII-A)	
नमुना - 'अ' प्रमाणे Purchase Requisition मध्ये materials सादी असलेले Budget Head, Material details, Quantity required अदावे किंमत भरून I/C Director यादी साही घेणे.		Purchase Requisition मध्ये materials सादी असलेले Budget Head, Material details, Quantity required अदावे किंमत भरून I/C Director यादी साही घेणे.		2.	Form No.VII-C(नमुना क. VII-C)	
1. प्रशासकीय मागवता घेणे (Form No. VII-A) - नमुना - 'अ'		2. तांत्रिक मागवता घेणे		3.	Form No.VII-F(नमुना क. VII-F)	
नमुना ब प्रमाणे Details of material, Quantity required अदावे किंमत व Budget		जर उपकरणाची किंमत 25000 पेक्षा जास्त असेल तर वाढीवर कट्टर तांत्रिक मागवता घेणे		4.	Delivery Challan (डिलिव्हरी व्हॉचन)	
		Proforma -A मुलाने Instrument Name, Technical Specifications, Qty,				

3. Courses on Human Values

In any academic institute along with quality education and research its very essential to focus on developing human values in the students. If a student with good academic credentials also possesses Friendliness, Sense of responsibility

towards the society, Compassion, Humility, Caring and sharing attitude, Ability to spread the positivity around, then we may say that the academic institute has served its purpose in a true sense. Each and every person in his/her inner core possesses all these qualities but those qualities need to be nurtured in them.

In order to bring out these human values in our student community and make them strong in order to make a difference in the society our School organizes Value added courses on Human Values. So far, we have conducted one Offline and one online course on Human Values benefiting hundreds of students from our University. We are proud that even being a Science department, we have taken an initiative and planned, organized and successfully executed courses in the field of Humanities. These courses have helped students to know about Human values and to learn the ways to inculcate human values in them. As a result, the students got inspired in order to contribute towards the society. All the student participants have expressed their desire to have a goal for the betterment of the society.



Sir C. V. Raman Ideation Club

- **Students from B.Sc. I to M.Sc. II will be members of this club.**
- **Club will organise the Poster/Model/Presentation competition once in two months.**
- **All activities and organization will be carried out by students for students.**
- **Competition will be held at the time of meet the scientist program.**
- **Prize will be declared by guest lecturer.**