

**Research and Innovation  
at SVKM's NMIMS SPTM Shirpur  
2024-2025**



**SCHOOL OF PHARMACY AND TECHNOLOGY MANAGEMENT, SHIRPUR**

## Research, Patents & Grants @ SPTM (2024-25)

- 67 International Publications
- 30 Book Chapters
- 11 Faculty Development Programs Conducted
- 11 Patents Granted +14 Filed
- Recipient of Government grant:
  - ₹42.14 Lakhs (RGSTC)
  - ₹ 27.00 Lakhs (ICMR)



# Faculty Awards at SPTM

- Dr. Ashwani Mishra secured second position for his "The Galen" article on novel parasite protein targets.
- NMIMS honored Dr. Sankha Bhattacharya with the Best Research Output of the Year 2023-2024 award.
- Dr. Mayank Sharma received the Teaching Excellence Award for 2023-2024 at the convocation.
- Dr. Dhrubojyoti Mukherjee and Dr. Devendra Kumar received research grant appreciation, and Mr. Mahesh Patil won Best Staff Award.
- Dr. Payal Dande won the Best Paper Award at APTICON 2024 for her oral presentation. Mr. Prashik Mahajan and Ms. Megha Jha received the Best Pharmacy Student Award.
- Ms. Priyal Desai, Ms. Varsha Kumari, and Mr. Nikhil Musale won the elocution competition.
- Ms. Shruti Jadhav, Ms. Priyal Desai, and Ms. Nileshwari Chaudhari won the pharma quiz.
- Mr. Saurabh Maru won the "Gufic Prize" at IPSCON 2024 for his research paper.

# New instruments added @ SPTM Laboratories

S.N.	Name of Instrument	Cost (INR)
1.	Lyophilizer	22,90,361 /-
2.	All Purpose Equipment with Accessories	11,11,560/-
3.	Lab Spray Dryer System	5,91,422/-
4.	Camag HPTLC	56,00,000/-







Two-day workshop on IPR at SPTM, Shirpur



Alumni interaction of  
Mr. Manu Verma and  
Mr. Naman Maharaja  
(B. Pharm + MBA Alumni)



Dr. Ramesh Bhat, Vice Chancellor of NMIMS University  
inaugurating Center of Excellence (Molecular Biology and Genetics)  
facility at SPTM Shirpur Campus





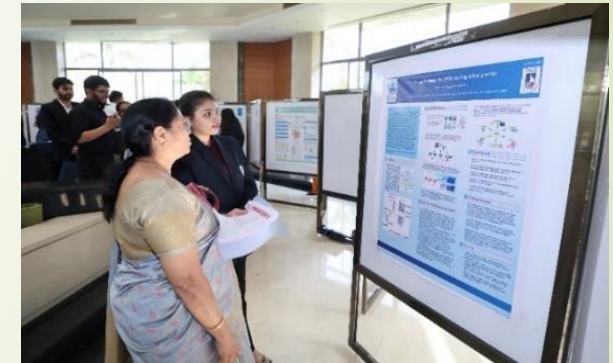
Distinguished guests in during Convocation 2024



# Organised International Conference on Next Generation Technologies for Sustainable Development



# Organised International Conference (ICNGT-2025)



Inauguration, Souvenir release, Keynote address by the Chief guest (Dr. Deepak Talwar), poster and oral presentation during ICNGT-2025





Hands on Workshop on HPTLC with participants





Shodh Yatra 2024






Celebration of NMMUN 2025 and Vistaar 2025  
Faculty members and students participants during the event



# New Initiatives

Out of Class Academic Collaboration (OCAC):

- Promotes peer group learning
  - Extends class learning into informal peer spaces
  - Enhances understanding and performance
- 



# Collaboration for Excellence and Synergistic Translational Research



## Exploration of Collaborative Research Opportunities:

- Co-authorship of Grants
- Utilization of Infrastructure and Research Facilities
- Joint Research Initiatives
- Co-guideship for PG Students

1. SVKM's NMIMS Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management (SPPSPTM) - Mumbai
2. SVKM's NMIMS School of Pharmacy & Technology Management (SPTM) – Shirpur
3. SVKM's NMIMS School of Pharmacy & Technology Management (SPTM) – Hyderabad
4. R.C. Patel Institute of Pharmaceutical Education & Research (RCPIPER) - Shirpur
5. R.C. Patel Institute of Pharmacy (RCPIOP) - Shirpur
6. SVKM's Dr. Bhanuben Nanavati College of Pharmacy (BNCP) - Mumbai
7. SVKM's Institute of Pharmacy (IOP) - Dhule
8. H.R. Patel Institute of Pharmaceutical Education & Research - Shirpur

# Mentor Mentee groups for Industrial internships

Mentors play a vital role in sensitizing industrial training for 3rd-year students.

- Recognizes achievements
- Validates skill development
- Enhances employability
- Supports career advancement
- Strengthens industry connections
- Demonstrates school's commitment to students' success and professional development.

**Allotment of students to mentors (18-01-2024)**  
**Issuance of Letters of Recommendation (LOR)**  
**to students (15-02-2024)**





# Workshops



Technical Writing

## CV Writing



Ms. Puja Chandak Senior Acquisition Specialist at NICHTON

## Alumni Guidance

**SHIRPUR**

**24<sup>th</sup> February, 2024**  
**10 am - 11 am**

**50<sup>th</sup> FIRESIDE  
CHAT ON**

**Advances in Pharmaceutical  
Technology: From Assuring Quality  
to Ensuring Patient Safety**



Scan QR Code for Youtube link  
<https://nmims.edu.in/en-us/84412548329>

**SATURDAY  
10 am**

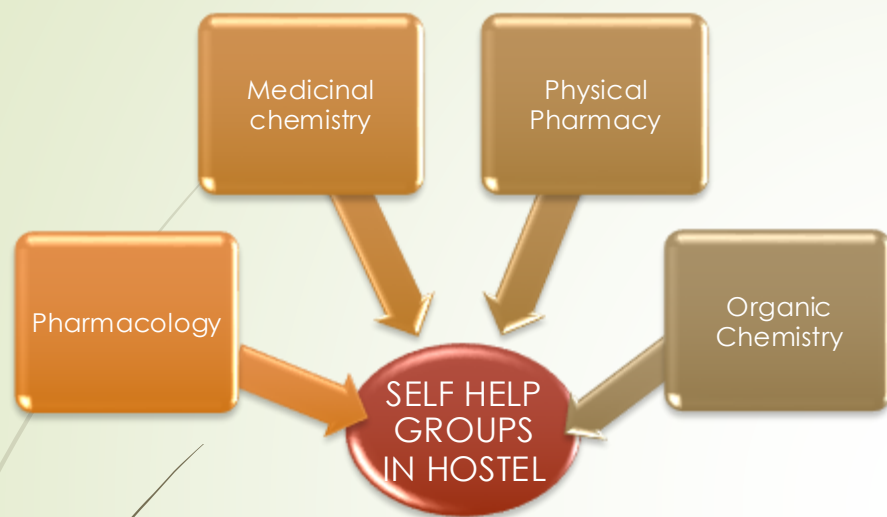
**@ NMIMS  
SHIRPUR**

brought to you by  
Students of  
NMIMS Shirpur

  
**Gaurav Barsaiyan**  
GMP | GDP | ISO Lead Auditor,  
Quality and Regulatory  
Intelligence,  
CA Expert



# OCAC – STUDENT SELF HELP GROUPS



Both in boys as well as girls hostels few students for each subject have volunteered for peer help groups through which a big mass gets benefitted.

Subject	Student counsellor
Pharmacology	Aryan Thole & Naman Bhoot
Medicinal Chemistry	Aditi Kumar & Vinit Singh
Physical Pharmacy	Hanusha Swati & Nikhar Prakash
Organic Chemistry	Nikhar Prakash



# NMMUN

Narsee Monjee Model United Nations (NMMUN), a student led conference, is the Annual flagship event of NMIMS Shirpur with a legacy of 15 years.

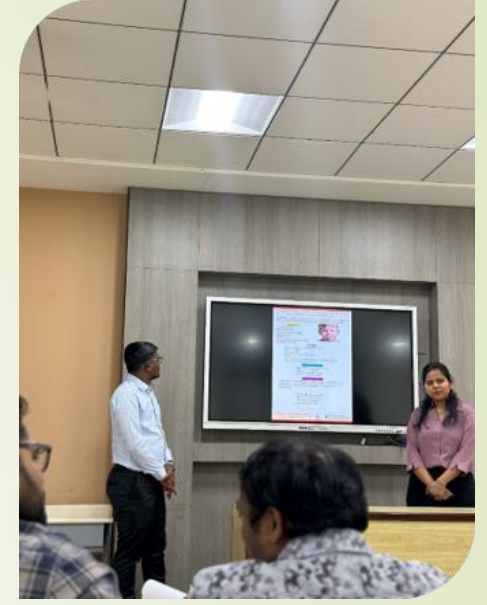
- NMMUN aspires to instil a holistic understanding of -
  - debate,
  - develop critical thinking,
  - gain research insights,
  - hone public speaking, and engage in diplomacy on global issues.






# VISTAAR

- VISTAAR, an acronym for Vision, Innovation, Startup, Technology, Ambition, Aspiration and Research, is a student-run flagship event designed to bridge the gap between industry and academia.
  - This dynamic event serves as a platform for students to not only share knowledge but also connect with professionals, develop practical skills, and unleash their full potential.
- 
- **Pitch Perfect**
  - **Commercial Clash**
  - **Pharmatech Lens**
  - **Legal Arena**
  - **Kwiz Wisely**







## Building blocks of Education Philosophy NMIMS and OCAC

**OCAC is implemented at SPTM Shirpur as a culture of institute, faculty and students to empower the four blocks of Education Philosophy NMIMS**

**KNOWLEDGE CREATION-** The Institute initiated project works provide an opportunity to create knowledge in the form of project report /thesis, publications and IPR.



**TEACHING AND LEARNING EXCELLENCE-** Assurance of learning is ensured through the faculty initiated mentorship and industrial mentorships as OCAC.



**ALIGNING STAKE HOLDERS-**The students peer learning and cross class learning as well as internship in industry and alumni talks, provides an opportunity to align the learning process to industry and other stake holders- student, parents, alumni, teachers and employers.



**PERCEPTION (BRAND QUALITY)-** The competitions, conferences and workshops organised as part of student, faculty or institute initiated OCAC helps in assuring improvement in quality and brand building.

# SPTM Shirpur: Strategic Ambitions Matrix 2025–26

## **Research and Innovation**

- 30% increase in indexed publications, 5+ patents, ₹1 Cr research funding
- Centre of Excellence in Pharma Research operational by Q4 2026

## **Admissions and Academic Excellence**

- 20% increase in applications; entrance score quality improvement
- Curriculum aligned with NEP 2020 and industry needs

## **Industry Collaboration**

- 10+ MoUs, 5 joint R&D projects, 90% internship coverage
- ₹50+ lakh consultancy revenue

## **Faculty Development Program (FDP)**

- 2 FDPs/year;  $\geq 70\%$  faculty trained in new tech & pedagogy
- 2 Workshop, Summer/winter Schools Faculty participation in academic policy leadership

## **Alumni Interaction and Advancement**

- 100+ alumni mentors;
- Quarterly alumni spotlight campaigns for branding

## **Placement**