



MUKESH PATEL TECHNOLOGY PARK

Mukesh Patel School of Technology Management and Engineering
School of Pharmacy and Technology Management
School of Agricultural Sciences and Technology
Centre for Textile Functions
Academy of Aviation

Category 1 University By



MHRD

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NMIMS University

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Associate Dean,
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SPTM, Shirpur Campus



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Associate Dean,
SAST, Shirpur Campus



Dr. Indra Raj Singh
Associate Dean,
SAST, Shirpur Campus



Mr. Ganesh Sahu
Director
AOA, Shirpur Campus



Dr. Vijay Shivankar
I/C Associate Dean, CTF,
Shirpur Campus



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Hostel Administration



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Admin.Coordinator



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System Administrator



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STATE OF THE ART INFRASTRUCTURE



Cricket Ground



Sports Courts



Green and Clean Campus



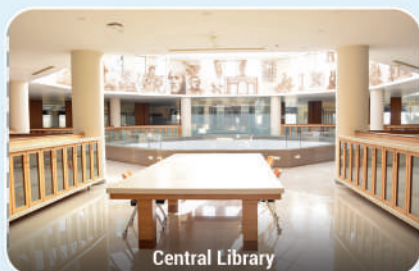
Cinema Hall



Auditorium



Lotus Lake



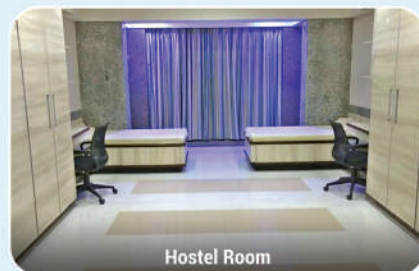
Central Library



Seminar Hall



Digital Classroom



Hostel Room



Hostel



Dining Hall



Central Foyer



Battery Vehicle



Seperate Salon for Boys & Girls



Water Fountain



Cafetetria



Amphitheatre



Green Campus

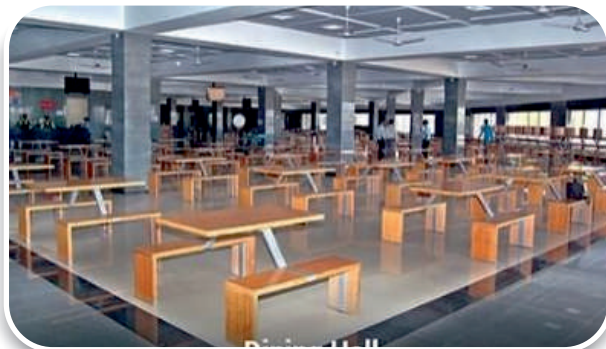
STATE OF THE ART INFRASTRUCTURE



Sports



Hostels





Mukesh Patel School of Technology Management and Engineering

Strengths and Distinguished Features:

- A dynamic, industry-aligned curriculum constantly updated in collaboration with leading industry experts and professional bodies
- Emphasis on strengthening core concepts through hands-on learning, effectively bridging the gap between academic knowledge and practical application
- Value-added training programs in partnership with top tech companies like IBM, TCS, and Accenture
- Enriched learning experience through IIT-B's Spoken Tutorials, NPTEL, Infosys Springboard, and other self-paced platforms
- Experiential learning in advanced technologies such as Artificial Intelligence, IoT, Drone Technology, AR-VR, and 3D Printing to keep students ahead of industry trends
- BOSCH Rexroth Centre for Excellence in Automation that provides industry-relevant automation training and promotes innovation
- Modern infrastructure featuring smart classrooms, air-conditioned laboratories, and high-tech learning environments to support creativity and growth
- Vertically Integrated Project Consortium in collaboration with Virginia Tech University, USA
- Real-world exposure and encouragement for entrepreneurship through alumni engagement and expert-led industry sessions
- Highly qualified, industry-experienced faculty dedicated to student success

Programs:

B. Tech (4 Year Degree Program)

- Computer Science (CS) 120
- Computer Engineering (CE) 120
- Information Technology (IT) 60
- Artificial Intelligence & Machine Learning (AIML) 60
- Computer Science & Engineering (Data Science) (CSE-DS) 60

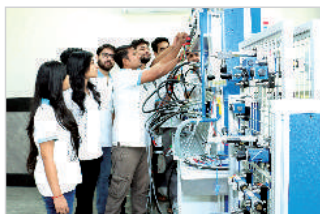
MBA Tech (B. Tech + MBA)

(5 Year Dual Degree Program)

- Computer Engineering (CE) 120

Diploma in Textile Technology

(3 Year Diploma Program) 60



SCHOOLS AND COURSES



School Of Pharmacy and Technology Management

Strengths and Distinguished Features:

- Pioneers in Integrated Programs of Pharmacy with Management
- Ultramodern teaching-learning tools
- Advance Research Facilities and Hi-Tech Infrastructure
- Unique integrated programmes tailored to the requirements of Pharma Industry
- Impart employability skills for various fields in pharmacy
- Enormous verdant medicinal garden with important medicinal botanicals
- Highly qualified faculty members actively involved in quality research
- Well-equipped, sophisticated laboratories with instruments like HPLC, GC, UV/Vis
- Spectrophotometer, Auto titrator, Autoanalyser, LC – MS / MS, FTIR, Brookfield
- Viscometer, etc.
- Pilot plant emulating a small industry, giving hands-on training to students
- Well-equipped animal house as per CPCSEA norms

Programs:

Pharma Tech (B. Pharm + MBA) 60

(5 Year Dual Degree Program)

B. Pharm 40

(4 Year Degree Program)

M. Pharm + MBA (3 Year Dual Degree Program)

- Pharmaceutics 15
- Pharmaceutical Quality Assurance 15
- Pharmaceutical Technology 15
- Pharmacology 15



SCHOOLS AND COURSES



School of Agricultural Sciences and Technology

School of Agricultural Sciences and Technology (SAST), Shirpur is the first School of Agriculture under SVKM's NMIMS to be started in 2019 to bring in prosperity to the small and marginal farm holders. The School focuses on teaching, research and outreach, the three arms of agricultural research and education to meet the stakeholders' aspirations with more participatory devolutions. The School has air-conditioned class rooms with smart boards, 117 acres of farm, and fully-equipped laboratories.

Program:

B. Sc. (Hons.) Agriculture (04 Years)

Centre for Textile Functions

The state-of-the-art Centre for Textile Functions (CTF) at Shirpur in Mukesh Patel School of Technology & Management, NMIMS Deemed-to-be-University, has been at the forefront of providing quality education in the field of textile technology since its establishment in 2007. CTF is the only institute in India that operates as an integral part of the textile industry, catering to the rural youth and preparing them for promising careers in the world's second-largest employment provider, the textile industry.

Program:

Diploma in Textile Technology (03 Years)

NMIMS School of Aviation (SOA) & Academy of Aviation (AOA)

NMIMS, School of Aviation & Academy of Aviation is a premier institution dedicated to fostering the next generation of aviation professionals. Our comprehensive B.Sc. Aviation program is meticulously designed to meet the dynamic demands of the aviation industry. It is integrated with our flying club (Academy of Aviation, Shirpur) approved by the Directorate General of Civil Aviation (DGCA). Our B.Sc. The aviation program is structured to provide a robust foundation in aviation science and practical flight training. With a focus on both theoretical knowledge and hands-on training, students are well-prepared for a variety of careers in the aviation industry.

The program provides the theoretical foundation for a Commercial Pilot License (CPL) and insights into ATC, airport management, and airline operations. Combining academic rigour with industry-relevant training, the course prepares students for careers as pilots for different categories of aircraft fleets.

B. Sc. Degree in Aviation will be awarded to the student only after submitting a verified Commercial Pilot License (obtained from DGCA / ICAO / FAA / JAR / CASA / TPT.CANADA)

Course :

B.Sc. Aviation, CPL, ATC.





MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING



Dr. Venkatadri Marriboyina

Professor and Associate Dean

B.Tech CSE, M.Tech CSE,
M.Tech IT, Ph.D CS



Dr. Nitin S. Choubey

Professor

Ph.D. (CSE), M.E. (CSE),
B.E. (CSE)



Dr. Rakesh Chaudhari

Associate Professor

B.E (Mech), M.E (Mech),
M.S (Mech), PhD



Dr. Vishal Shaligram Fegade

Associate Professor

Ph.D. Mechanical Engineering
M. E. Design Engineering
B. E. Mechanical Engineering



Dr. Ashok Kumar Panigrahi

Associate Professor

D.Litt., Ph.D., MBA, M.Com.,
FCMA, PGDBA, PGDCA



Dr. Radha Krishna Rambola

Associate Professor

Ph.D. (CSE) M.Tech. (CSE)
B.E.(CSE)



Dr. Sanjay Shrivastava

Associate Professor

BA (HONS.), MA (ENG.), PGCTE,
MBA, (Merit Scholar)
PH. D. (English, 2002)
PH. D. (Management, 2015)



Mr. Atul Patil

Associate Professor

PhD Pursuing (Computer Science
and Engineering)
M.E., B.E. (Electronics)



Dr. Varsha Nemade

Assistant Professor

Ph.D. (Computer Engineering),
M. E. (Computer Engineering),
B. Tech. (Computer Engineering)





Dr. Prashant Udawant
Assistant Professor
Ph.D., M. E.,
B. Tech. (Computer Engineering)



Ms. Sonia Relan
Assistant Professor
Ph.D. Pursuing
M. Tech. B. E.



Mr. Sachin Sonawane
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M. E., B. E.,
M.Tech. (DS)



Dr. Upendra Verma
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Dr. Govind Rajput
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Ph. D (Mathematics),
M.Sc.



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M.Sc., B.Ed.



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B. Sc. (Physics)



Dr. Mayank Sohani
Assistant Professor
Ph.D, M.Tech.



Dr. Sachin Chavan
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Ph.D. (Comp. Engg.)
M. Tech. B. E.



Dr. Suresh Kurumbanshi

Assistant Professor

Ph.D, M.Tech. (Data Science),
M.Tech., B.E.



Mr. Kiran Salunke

Assistant Professor

M.Tech, B.E.



Dr. Praveen Kumar Loharkar

Assistant Professor

Ph. D, M.Tech., B.E.



Dr. Suraj Patil

Assistant Professor

Ph.D., M. E.,
B. E.



Mr. Mayank Kothari

Assistant Professor

PhD Pursuing, M. Tech



Dr. Abhijeet Dawle

Assistant Professor

M.B.A. (HR) M.A. (English)
M.Phil. (English) Ph.D. (English)
Ph.D. Pursuing (Management)



Dr. Rehan Ahmad

Assistant Professor

B.E., M.E., Ph.D.



Ms. Pratiksha Meshram

Assistant Professor

M.Tech., B. E.



Mr. Dhananjay Joshi

Assistant Professor

M. E.



Dr. Bhushan Inje
Assistant Professor
B.Tech., M.E., Ph.D.



Dr. Suyog Vinayak Pande
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B.Tech., M.E., Ph.D.



Dr. Rajesh Verma
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M. Tech. (Thermal Engg./DS),
B.Tech. (Mech)



Mr. Piyush Kumar Soni
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M.E., B.E.



Mr. Sunil Chaudhari
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M.E., B.E.



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Ph.D. (Chemistry), M.Sc.,
B.Sc., LLB, MBA



Dr. Prakash Bhagat
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Ph. D. (Mathematics),
M.Phil. , M.Sc.



Dr. Deepti Barhate
Assistant Professor
M.Tech., B.E., Ph.D.



Dr. Rajnish Katarne
Assistant Professor
Ph.D., M.E., B.E.



Mr. Sachin Bhandari
Assistant Professor
M.Tech., B.Tech.



Mr. Pravinkumar B. Landge
Assistant Professor
M.E., B.E.



Mr. Dhiraj V. Bhise
Assistant Professor
PhD. Pursuing
(Computer Engineering)
M. E. B. E.



Dr. Dileep Kumar
Assistant Professor
PhD (Mathematics),
MSc, B.Sc.



Dr Srikanth Pulipeti
Assistant Professor
PhD (CSE),
M.Tech. (Parallel Computing),
B Tech



Dr. Durgesh M Sharma
Assistant Professor
Ph.D, M.Tech , B.E



Dr. Atul Dusane
Assistant Professor
M.E., B.E., Ph.D.



Ms. Chaitali Patil
Assistant Professor
M.E (CSE), B.E.



Dr. Naziya Hussian
Assistant Professor
BE, ME, Ph.D
(Computer Science & Engineering)



Dr. Vishab Kesarwani
Assistant Professor
Ph.D, M.Sc (Physics),
B.Sc



Dr. Prashant Kumar
Assistant Professor
PhD, M.Sc,
B.Sc (Mathematics)



Dr. Dharmendra Kumar
Assistant Professor
Ph.D, M.Sc, B.Sc,



Mr. Rushikesh Kadam
Assistant Professor
B.Tech, M.Tech (CSE)



Mr. Afzal Ali
Assistant Professor
B.Tech, M.Tech (CSE)



Mr. Ganesh Sidar
Assistant Professor
B.Tech, M.Tech (CSE)



Ms. Deepmala Ekka
Assistant Professor
B.Tech, M.Tech (CSE)



Dr. Anubhuti Raturi
Assistant Professor
Ph.D. Mathematics
M.Phil, M.Sc., B.Sc.



Ms. Anjali Rodwal
Assistant Professor
M.Tech Computer



Mr. Gajanan Narayan Patil
Secretary to Associate Dean
MBA



Ms. Ujwala Dorik
Junior Coordinator
MCM



Ms. . Anupama Rajput
Assistant
M.Tech



Mr. Mahendra Joshi
Lab. Support Staff
M.Sc.



Dr. Sima Ingole
Assistant Librarian
B.Lib & M.Lib, Ph.D.



Mr. Sachin Wani
Jr. Library Assistant
M.Lib, B.A., MA & BPEd



Mr. Sandipsing Deshmukh
Assistant
MCA



Mr. Prasanna Ojha
Placement Executive
MBA, B.A.



Mr. Rajeshwar Wagh
Lab Assistant
B.Sc. & MCA



Mr. Subhash Bhalerao
Lab Assistant
Diploma in
Computer Engineering





Mr. Rupesh Patil
Lab Assistant
B.C.A. & B.A



Mr. Lalitsingh Pawar
Lab Support Staff
Diploma in
Electric Engineering



Mr. Sunil Patil
Student Counsellor cum
Lab Assistant
Diploma in Electric Engineering



Mr. Raosaheb Chavan
Lab Assistant
Diploma in
EXTC (Industrial Electronics) &
AMIETE in EXTC (B.Tech)



Mr. Sandip Patil
Lab Support Staff
Diploma in
EXTC (Industrial Electronics) &
AMIETE in EXTC (B.Tech)



Mr. Nitin Karaskar
Lab Assistant
Diploma in
Computer Engineering



Mr. Rakesh Jadhav
Lab Support Staff
M.C.M.



Mr. Shamrao Patil
Workshop Instructor
ITI, B.A.



Mr. Shirish Pawar
Workshop / Lab Assistant
ITI



Ms. Priyanka Rajput
Lab Assistant
M.Sc. (Physics)



Ms. Jayshree Borse
Lab Assistant
B.Sc. (Computer)



- i. **SVKM's NMIMS MPSTME Shirpur received NBA Accreditation for 03 Year for B. Tech Computer Science Program.**
- ii. 3rd year Computer Science students at MPSTME, Shirpur, Mr. Vinit Jadhav and Mr. Himanshu Jadhav from B. Tech CS 3rd Year students have secured winner position in the prestigious Bits Crunch Hackathon (unlocking the future with web3 data), organized virtually on 20 February 2025, by Bits Crunch. The students impressed judges with their innovative project, "DeFi Decentralised Finance Project BCUT Score." Their outstanding performance earned them a prize of \$1,000 along with 5,500 BCUT crypto tokens, with a cumulative value of ₹105,000.
- iii. MPSTME Shirpur received formal acceptance of their proposal for the ATAL Faculty Development Program (FDP) from the All India Council for Technical Education (AICTE). The approved proposal, designated as the **ATAL BASIC FDP, comes with a funding allocation of Rs. 3, 50,000/-**. The Basic FDP of 6 days, scheduled for December 2024, focused on the theme **"Exploring the Frontier: Additive Manufacturing and 3D printing in Industry 4.0"**. Dr. Rakesh Chaudhari, Associate Professor in Mechanical Engineering and Mr. Rajesh Verma, Assistant Professor in Mechanical Engineering at NMIMS MPSTME Shirpur were the FDP Coordinator & Co-Coordinator respectively.
- iv. MPSTME Shirpur successfully conducted a Two-day Faculty Development Program (FDP) on **"Problem and Project-Based Learning"** on 12-13 December, 2024. The FDP sessions were delivered by the distinguished resource person, Dr. Vikas Shinde, a PhD in Project-Based Learning from Aalborg University, Denmark, which is a global leader in the field of student-centered and problem-based learning approaches. The program featured interactive workshop, case study discussions, and hands-on activities, allowing the participants to experience PBL techniques first hand.
- v. Dr. Govind Rajput, Head & Asst. Professor Dept. of ASH has been invited on BOS and DAB at Sandip Institute of Technology and Research Center Nashik for 2024-25 and onwards.
- vi. Dr. Praveen Kumar Loharkar, Asst. Professor MPSTME Shirpur, has been invited as Chief Guest for the inauguration ceremony of AI Year initiative organized by Dept. of Computer Science & Engineering (DS) and AIML at SES's RCPIT, Shirpur on March 05, 2025.
- vii. A team of brilliant students from MPSTME Shirpur, under the banner of FarmConnect, has brought honor to their institution by **achieving a remarkable feat at the Smart India Hackathon (SIH) 2024 Grand Finale¹**. The event, focused on "Agriculture," was held at IIT Hyderabad on December 11-12, 2024. The team participated in a challenging 36-hour non-stop hackathon, addressing Problem Statement ID 1637: Mobile App for Direct Market Access for Farmers. FarmConnect's innovative solution earned them a place among the top 6 teams selected from over 500 participants nationwide. At IIT Hyderabad, 26 teams, totaling over 200 participants and mentors, collaborated intensively over two days to deliver innovative solutions for the agricultural sector.
- viii. Second-year Computer Engineering students Aditya Bhavsar, Himanshu Pawar, Siddhesh Jadhav, and Utkarsh Sonawane from MPSTME, Shirpur, **achieved 2nd place out of 200 teams at the "Converges-25" national technical symposium held at SES's R.C. Patel Institute of Technology, Shirpur**. Their winning project, an AI-powered Sign Language Translator, delivered real-time conversion of sign language gestures to speech and text within a 24-hour hackathon.
- ix. Drone team, UAS NMIMS comprising students; Om Biscuitwala, Vismay Kansara, Ananya Mishra, Mahak Sharma, Arjav Jain and Tanmay Porwal participated in the Boeing-IIT National Aeromodelling Competition and **secured Second Place in the Zonal Round held at IIT Bombay where more than 120 teams participated**, one of four zonal events conducted across India. This achievement has earned us a spot in the National Finals where the top three teams from each zonal event will compete.
- x. The drone team, UAS NMIMS (MPSTME, Shirpur Campus), comprising students; Mr. Vaibhav Tayal, Mr. Achyut Vyas, Mr. Harsh Jain, Mr. Om Biscuitwala, Ms. Sanjana Gadigone, Ms. Mahek Sharma, Ms. Jiya Patel, Ms. Ananya Mishra, Mr. Aarjav Jain, Mr. Atharva Sharma, and Mr. Dhiren Jain participated in the "Carry the Consignment" Competition at MINDBEND, SVNIT Surat. **The team secured Third place among more than 20 teams that participated in events across India.**



Academics, co-curricular and extra-curricular activities, including outstanding achievements:

- i. SVKM's NMIMS, MPSTME, Shirpur Campus conducted - The Anti-Ragging Awareness Campaign, aiming to create a safe and respectful academic environment by educating students about the severe consequences of ragging and the importance of upholding a zero-tolerance policy. The program was conducted on 14-16 August, 2024.
- ii. MPSTME Shirpur conducted Faculty Development Program (FDP) on "Multicampus Program Coordination (MPC)" to ensure cohesive learning on August 10, 2024. The program featured four modules as suggested by Hon. Vice Chancellor.
- iii. The internal hackathon, Techरेंज, took place on August 25, 2024, as a prerequisite for Smart India Hackathon 24. Mr. Sam Varghese the student of MBA Tech, STME Indore and the winner of SIH-23, provided guidance to the 21 teams (126 students) participating in the event. The teams presented their chosen problem statements and potential solutions, which were evaluated by Dr. Praveen Kumar, Dr. Srikant P., and Prof. Dhananjay Joshi. The event was organized by the Learn Tech club in collaboration with the Institution's Innovation Council (IIC).
- iv. National Space Day is celebrated to honour and promote on 23rd August 2024 Chandrayaan-3's achievements. At the MPSTME Shirpur campus, we organized an online quiz to engage and inspire students about Chandrayaan-3's success. In total, 550 students participated in the quiz.
- v. Inaugurated a Vertical Integrated Project (VIP) lab on December 5th, 2024. Dr. Edward J. Coyle, the Director of the VIP Program at Georgia Tech, USA, graced the event. A total of 07 interdisciplinary projects were presented from MPSTME, SPTM, SAST, and CTF to Dr. Edward J. Coyle, the Director of the VIP, and shared their perspectives on potential VIP projects. The inauguration was followed by an exhibition of 12 student projects from MPSTME, SPTM & CTF in the dedicated VIP lab.
- vi. Dr. Pande Suyog & Prof. Mayank Kothari both Assistant Professor, MPSTME Shirpur Campus, completed the AICTE-sponsored six-month "PG certification course on Machine Learning" from Indian Institute of Information Technology (IIIT), Surat. The course was conducted from 30th June to 20th December 2024, and provided comprehensive training in machine learning, focusing on advanced techniques and hands-on applications to enhance practical expertise.
- vii. Mr. Kiran Salunke, Assistant Professor, MPSTME Shirpur Campus, completed the AICTE-sponsored six-month "PG certification Programme in Artificial Intelligence" from Indian Institute of Information Technology (IIIT), Vadodara. The course was conducted from July to December 2024, provided comprehensive training in Artificial Intelligence, focusing on hands-on to enhance practical expertise.
- viii. Alumni Meet **Alumni Occursum - 2025** held on 11-12 Jan. 2025 was a momentous occasion that provided an opportunity for alumni, faculty, and current students to come together and celebrate the legacy and growth of NMIMS Shirpur. The event was attended by more than 50 Alumni from first batch to recent batches of MBA Tech & B Tech Program. In the keynote speech by Mr. Pratik Mewani - Alumni from B. Tech Computer Science (2007-2011). A significant milestone of the day was the unveiling of the **Polaris - The Margdarshak** mentorship program by the placement cell. This program aims to bridge the gap between alumni and current students by providing mentorship during the Learning journey of students. Placement Cell invited alumni to participate actively and contribute to fostering a collaborative and supportive ecosystem.
- ix. Annual Sport Festival – **Flavium 2025** was organized in Jan. – Feb. 2025 at MPSTME Shirpur Campus
- x. Annual Technical Fest - **Ambiora'25** held from 28 February to 2 March 2025 at MPSTME Shirpur. This year's edition featured a series of high-impact competitions and activities, including Robo Soccer, an Idea Exhibition, Code Hunt, Capture the Flag, Tech Arena (E-Sports), Type Racing, Electronics Circuit Hunt, CineTech, Build the Bridge, and a thrilling Treasure Hunt. Additionally, workshops on Augmented Reality, along with the flagship events the 24 Hour Hackathon and Drone O' Mania provided participants with an opportunity to showcase their skills and expertise. The event witnessed an overwhelming response, with 1,005 students showing interest and 863 actively participating in various competitions. Drone O' Mania, in particular, attracted participation from five external colleges, adding to the competitive spirit and diversity of the event. Ambiora 2025 successfully fostered an environment of learning, collaboration, and innovation, making it a memorable experience for all involved.



- xi. Annual Cultural Festival – **Protsahan 2025** was successfully organized from 08 to 10 Feb. 2025 at MPSTME Shirpur.
- xii. As requested by the Dhule SP Office, an effort to modernize law enforcement and enhance crime prevention, three faculty members from MPSTME, NMIMS Shirpur, conducted a hands-on training session on 26/03/2025 for Dhule Police on the power of Artificial Intelligence in policing. Led by Dr. Venkatadri Marriboyina (Associate Dean), Dr. Ritesh Dhanare (Head, IT Department), and Dr. Praveen Loharkar (Assistant Professor, AIML Department), the session introduced officers to AI-driven tools that can help in crime detection, predictive policing, and cybercrime investigation.
- xiii. Dr. Ritesh Dhanare, Head, Department of Information Technology at MPSTME Shirpur, in collaboration with the Institution's Innovation Council (IIC), successfully organized a Mobile Application Development Exhibition on April 14, 2025, for B. Tech IT 3rd year students. The event featured 51 students working in groups to develop and showcase 19 innovative mobile applications, highlighting their creativity, technical proficiency, and problem-solving abilities.
- xiv. At MPSTME Shirpur, around 11 Research Seminars have been organized from July 2024 till today, where Faculty members have shared their research work with all the in-house attendees.
- xv. Many Faculty members and students have taken NPTEL Online Courses/FDPs.

Guest Lectures / Workshops / Industry Visit Conducted:

○ Guest Lectures + Expert Talk + Webinars:

- i. A webinar was organized on 03 September 2024 for the third-year B.Tech (CS) students, focusing on their regular subject, Compiler Design. The session was conducted by Mr. Rohan Mathur, an alumnus of MPSTME Shirpur and a graduate student in Software Engineering at Arizona State University. The session's topic was "Compiler Design for Custom Programming Language 'SARS'."
- ii. A two-day robotics workshop was held on 21-22 September 2024 at SVKM's NMIMS, MPSTME, Shirpur Campus, in collaboration with the Coding Club and the Institution's Innovation Council. The event aimed to provide first and second-year engineering students with hands-on experience in robotics and enhance their practical skills. With 152 participants, the workshop offered hands-on experience in designing different types of rovers. Mr. Yomesh Khandelwal and Mr. Akshat Goyal, both B.Tech AIML 3rd Year students, along with Kabir Choudhary, an MBA Tech 3rd Year student, served as coordinators and speakers, providing hands-on guidance that significantly enhanced the participants' practical learning experience.
- iii. The ISTE Student Chapter (MH207) at MPSTME, NMIMS Shirpur campus, in collaboration with the Avinya Club, recently organized a three-day workshop on the **"Internet of Things"** from **18-20th January 2025**. The event introduced participants to the Arduino platform, its hardware and software, and its applications in IoT. A total of 48 members participated in the workshop.
- iv. The Department of Computer Engineering successfully organized the Codefest Workshop and Coding Contest on April 5th and 6th, 2025, aimed at strengthening coding culture among all MPSTME students. Two distinguished speakers from CodeChef led the workshop, Suraj Sharma, Director of Operations & Mr. Rohan Garg, Software Engineer. A total of 101 students participated in this workshop.
- v. The Department of Computer Science organized a webinar on "Data Structures: Industrial Applications" on September 21, 2024, for second-year B.Tech. computer science students to share insights on cracking entry in the product-based industry using data structures. The resource person was Mr. Arpit Agrawal, Senior Software Engineer at Uber, Bangalore.
- vi. SVKM's NMIMS Shirpur successfully hosted the 16th edition of Narsee Monjee Model United Nations, NMMUN'25, on January 18-19, 2025. With over 300 participants from institutions nationwide, the event reaffirmed its status as a premier platform for fostering diplomacy, leadership, and critical thinking. Centered around the theme "Diplomacy Without Borders," NMMUN'25 emphasized global cooperation and inclusivity through dynamic debates and collaborative problem-solving.



Sr. No.	Name of Faculty	Title of Paper	Journal Name	ISSN No., Volume, Page No.	Date / Year of Publishing	Impact Factor	Scopus indexed
1	Dr. Suresh Kurumbanshi	LDQKDPB: Unbreakable Network Security via Long-Distance Quantum Key Distribution Enhanced by Post-Quantum Techniques and Blockchain	Communications on Applied Nonlinear Analysis	1074-133X	Jul-24	NA	YES
2	Dr. Rajnish Katarne	Investigating and Optimizing Friction Stir Welding Parameters of AA6082 and AA5052 by Response Surface Method	International Journal of Mechanical Engineering	ISSN: 2348-8360 Volume 11 Issue 6, 55-62, June 2024	Jul-24	NA	YES
3	Dr. Praveen Kumar Loharkar, Dr. Sachin Sonawane, Dr. Suresh Kurumbanshi; Dr. Rajnish Katarne	Application of various financial techniques to evaluate and compare value-at-risk (VaR) of selected NSE portfolio	AIP Conference Proceedings	Online ISSN 1551-7616, 3242, 060009,	Sept. 2024	NA	YES
4	Dr. Pande Suyog	Analysis and Implementation of Metamaterial-Inspired Microstrip Antenna for Wireless Applications	Science & technique	2227-1031, Vol 23, Issue 5 , pp.370-379	Oct. 2024	—	YES
5	Dr. Ritesh Dhanare	Octave convolutional multi-head capsule nutcracker network with oppositional Kepler algorithm based spam email detection	Wireless Networks: The Journal of Mobile Communication, Computation and Information		Nov. 2024	2.1	Yes
6	Dr. Suyog V Pande	Design of a metasurface loaded with RF varactor and PIN diode integration dual-band reconfigurable antenna for bluetooth, Wi-Fi, WLAN and wireless 5G applications	Physica Scripta	ISSN NO. 1402-4896 Vol.100 (2), PP.1 - 28	Jan. 2025	2.6	Yes
7	Dr. Srikanth Pulipeti	Artificial intelligence and blockchain for quantum satellites and UAV-based communications: a review	Quantum Machine Intelligence	2524-4914, 7(1),45	Mar. 2025	4.1	Yes

8	Dr. Upendra Verma and Dr. H. K. Gianey	A secure and lightweight hash-based mutual authentication scheme in fog-assisted healthcare network	International Journal of Embedded System	1741-1076	Jul-24	0.5	Yes
9	Dr. Dhananjay Joshi	Cricket Match Analytics and Prediction using Machine Learning	International Journal of Computer Applications	0975 – 8887 Volume 186 - Number 26, PP 27-33	Jul-24	-	Yes
10	Dr. Sachin Chavan and Dr. Nitin Choubey	Glaucoma detection and severity classification based on glaucoattent net framework	International Journal of Machine Learning and Cybernetics		28-Jan-25	3.1	Yes
11	Prof. Dhananjay Joshi & Dr. Nitin S. Choubey	CTVR-EHO TDA-IPH Topological Optimized Convolutional Visual Recurrent Network for Brain Tumor Segmentation and Classification	Journal of Computational and Cognitive Engineering	2810-9503	Jun. 2025	-	Yes
12	Dr. Suresh Kurumbanshi	Qualitative Analysis of Natural Calamities for Disaster Management through Machine Learning Techniques using Satellite Data	Panamerican Mathematical Journal	Vol. 35 No. 2s (2025)	Feb-25		Yes
13	Dr. Upendra Verma, Dr. Hemant Gianey	A secure and lightweight hash-based mutual authentication scheme in fog-assisted healthcare network	International Journal of Embedded Systems	Vol. 17, No. 3-4, pp 200-212	Feb-25		Yes
14	Dr. Tawseef Rashid	Fixed point results in incomplete extended b-metric space with t-property	Filomat	2406-0933, Vol.38 No. 11, 3881-3890.	Jul.-24	0.8	Yes
15	Dr. Tawseef Rashid	On Prime Counting Functions Using Odd $\mathbb{K}$ -Almost Primes	European Journal of Pure and Applied Mathematics	1307-5543, Vol.17, No. 2 pp. 1146-1154	Jul.-24	----	Yes

16	Dr. Tawseef Rashid	On extended b -Metric Spaces: Relaxing Completeness Criterion and Exploring Behavior	Journal of Mathematical Analysis	2217-3412, Vol 15, NO. (3)	Jul.-25	----	Yes
17	Dr. Abhijeet Dawle	EMPOWERING WOMEN THROUGH SUSTAINABLE DEVELOPMENT GOALS (SDGS) AND NATIONAL EDUCATION POLICY (NEP) 2020	Journal of East-West Thought , ISSN: 2168-2259 (online) (https://jetjournal.us/) ,	ISSN: 2168-2259 (online) , Volume 15, Issue 1, Jan-March – 2025 Special Issue 1	Mar-25		
18	Dr. Govind R Rajput	Exploring anomalous diffusion in ternary nanofluids: a Maxwell model incorporating viscous dissipation and Nield boundary bioconvection	The European Physical Journal Plus	ISSN:2190-5444 Volume 140, Issue 2	Mar-25	2.8	S
19	Dr. Govind R Rajput	Thermal examination of chemical interaction and thermophoretic diffusion of Williamson fluid flow across Riga Plate surface with nonlinearity radiation flux	Numerical Heat Transfer, Part A: Applications	ISSN: 1040-7782, Vol 84, Issue 23	Mar-25	2.8	S
20	Dr. Abhijeet Dawle	ADOPTING HR ANALYTICS FOR EMPLOYEE RETENTION: INSIGHTS AND STRATEGIES	Journal of Southwest Jiaotong University	ISSN 02582724, Vol.60 , No . 1 (2025) , Page No 126- 136	Jan.-25		Yes
21	Dr. Suresh Kurumbanshi	Qualitative Analysis of Natural Calamities for Disaster Management through Machine Learning Techniques using Satellite Data	Panamerican Mathematical Journal	Vol. 35 No. 2s (2025)	Feb-25		Yes
22	Dr. Sachin Sonawane, Dr. Suresh Kurumbanshi	Robust Classification of Black-Eyed Peas Based on Segment Anything Model and Transfer Learning. Journal of Information Systems Engineering and Management,	Journal of Information Systems Engineering and Management	ISSN (Online): 2468-4376, Vol. 10, No. 21s, pp. 66-80	Mar-25		Yes

23	Dr. Durgesh M. Sharma	Enhancing Power Quality in EV Chargers Using A Resonant LLC Converter with Machine Learning Optimisation	Journal of Environmental Protection and Ecology	25, no. 7 (2024): 2468-2478.	Dec.-24		Yes
24	Dr. Dhananjay Joshi & Dr. Nitin Choubey	Integrating pyramid vision transformer and topological data analysis for brain tumor	Frontiers in Computer Science	2624-9898, Volume 7 - 2025	Apr.-25	2.4	Yes
25	Dr. Upendra Verma	A secure and anonymous authentication and key agreement protocol based on ECC for edge computing environment	Int. J. Information and Computer Security	ISSN: 1744-1765, Vol. 27, No. 1	Jun.-25	-	Yes
26	Dr. Bipin P. Jadhav	Chemically and thermally radiated Williamson MHD fluid over porous media with heat source-sink	International Journal of Modelling and Simulation	ISSN No.- 0228-6203, Issue-2, Volume-45, Page Nos.-544-558	Apr.-25	3.1	Yes
27	Dr. Sugam Shivhare, Dr. Abhijeet Dawle, Dr. Vivekanand Bagal	Human-Machine Interaction in Future Chemical Supply Chain Management: A Conceptual Framework	European Economic Letters ISSN 2323-5233	Vol 15, Issue 2 (2025) Page No 3402-3409	May-25	NA	—
28	Dr. Govind R Rajput	Exploration of nonlinear radiative heat energy on Buongiorno modeled nano liquid toward an inclined porous plate with heat source and variable chemical reaction	Numerical Heat Transfer, Part A: Applications	1040-7782, Vol. 86, pp. 2308-2327	Jun-25	3.5	Yes
29	Dr. Abhijeet Dawle	Future Learning Ecosystems: How Outsourcing is Transforming Education	Management Journal for Advanced Research (E-ISSN:2583-1747)	2025 Volume 5 Number 3 June, Pages 17-23	Jun-25	NA	—
30	Dr. Sugam J Shivhare	A Comprehensive Review of Human Psychology's Role in Shaping Stock Market Investments: Behavioral Finance Insights	International Journal of Scientific Research in Engineering and Management	ISSN: 2582-3930 Volume: 09 Issue: 06	Jun-25	NA	—

31	Dr. Suresh Kurumbanshi	Occluded Face Recognition Using Optimum Feature Based on Efficient Preprocessing & Machine Learning	e-Prime-Advances in Electrical Engineering, Electronics and Energy	2772-6711, Volume 12, June 2025	Jun-25	NA	YES
32	Dr. Surendra Shukla	6G Wireless Communication Cyber Physical System Based Smart Healthcare Using Quantum Optimization with Machine Learning. Wireless Pers Commun	Wireless Pers Commun	ISSN Number 0929-6212	Jun.-24	NA	YES

Conference Publications:

Sr. No.	Name of the authors	Title of the Paper	Name of the conference	Organising body	Date of publication
1	Prof. Dhiraj Bhise	CNN based Image-Denoising Techniques- A Review	2024 3rd International Conference on Sentiment Analysis and Deep Learning (ICSADL)	Far Western University Bhimdatta, Nepal	Date Added to IEEE <i>Xplore</i> : 25 July 2024
2	Dr. Praveen Kumar Loharkar, Dr. Rajnish Katarne	Leveraging Big Data analytics to build Supply Chain Framework and its impact on UN Sustainable Development Goals	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	NMIMS Shirpur	March 28-29,2025
3	Prof. Dhiraj Bhise	Deep Learning-Based Approaches for Brain Stroke Detection: A Review	2025 International Conference on Computational, Communication and Information Technology (ICCCIT)	IPS ACADEMY Institute of Engineering & Science, Indore	07-08 Feb 2025
4	Dr. Mayank Kothari	Parametric Optimization of Maximum Power Point Tracking for Solar Photovoltaic Enabled Electric Vehicles	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	NMIMS Shirpur	March 28-29,2025
5	Dr. Srikanth Pulipeti	Enhancing data security through cryptographic transformation using Graph CNN and LSTM based model	International Conference on Visual Analytics and data visualization (ICVADV-2025)	Dept. of ECE, Francis Xavier Engineering College TamilNadu	4-6 march 2025
6	Dr. Sachin Sonawane, Dr. Suresh Kurumbanshi	Application of various financial techniques to evaluate and compare value-at-risk (VaR) of selected NSE portfolio	Recent Trends in Mathematics, Statistics, and Engineering AIP Conf. Proc. 3242, 060009 (2024)	Recent Trends in Mathematics, Statistics, and Engineering AIP Conf. Proc. 3242, 060009 (2024)	1, September 2024

7	Prof. Dhananjay Joshi, Dr. Nitin S. Choubey	Enhanced Brain Tumor Diagnosis Using Transfer Learning with Vision Transformers and Topological Data Analysis	3rd International Conference on Machine Learning and Data Engineering	UPES Dehradun	28-29 November 2024
8	Prof. Dhananjay Joshi	Sign Language Recognition and Detection: A Review	International Conference on Intelligent Vision and Computing (ICIVC 2023)(ICIVC 2023)	National Institute of Technology Agartala Sponsored by Soft Computing Research Society	November 25-26, 2023
9	Dr. Varsha Nemade, Vishal Fegade, Deepti Barhate, Suraj Patil	A Machine Learning Approach for Crop Recommendation for Sustainable Agriculture	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur Campus	28-29 March 2025
10	Dr. Deepti Barhate, Dr. Varsha Nemade	Smart water management in smart cities: Innovations and technologies for sustainable water usage	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur Campus	28-29 March 2025
11	Dr. Suraj Patil, Dr. Suyog Pande, Dr. Varsha Nemade, Dr. Bhushan Inje	Automatic Segmentation and Classification of Tumor from 3D Volumetric CT scan Images.	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur Campus	28-29 March 2025
12	Dr. Upendra Verma, Dr. Surendra K. Shukla	Anonymous Mutual Authentication and Key Agreement Scheme in Edge-enabled Wireless Body Area Networks	6th International Conference on Recent Advancement in Information Technology (RAIT-2025)	IIT (ISM), Dhanbad, India	6-8 March 2025
13	Prof. Dhananjay Joshi	Dynamic Answer Retrieval via Targeted Web Queries	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur Campus	28-29 March 2025
14	Dr. Bhushan Inje	AI-Enhanced Depression Detection System: Integrating Multimodal Analysis for Early Diagnosis	2025 International Conference on Computational, Communication and Information Technology (ICCCIT)	IPS Indore, MP	7 to 8 Feb 2025

15	Dr. Mayank Sohani,	Optimizing Airline Ticket Pricing: A Predictive Modeling Approach for Flight Fare Forecasting using Machine Learning	International Conference on Smart Trends in Computing and Communications will be held at Pune, India during 29 - 31, January 2025	SmartCom 2025	29-31 January 2025
16	Dr. Mayank Sohani,	ENHANCING SEARCH EFFICIENCY: A PERSONALIZED, PROFESSION-BASED APPROACH USING AIML-DRIVEN BROWSER EXTENSIONS	International Conference on Smart Trends in Computing and Communications will be held at Pune, India during 29 - 31, January 2025	SmartCom 2025	29-31 January 2025
17	Dr. Govind R Rajput	Bioconvection flow of Powell-Eyring nanofluid with activation energy due to stretching sheet	International Conference on Recent Trends in Mathematics, Statistics, and Engineering	School of Technology Management and Engineering, SVKM's NMIMS (Deemed-to-be University), Indore, Madhya Pradesh, India	22-23 Dec 2023
18	Dr. Abhijeet Dawle	English Language Learning in the Digital Age: Analyzing the Role of Technology in Reducing Educational Disparities in India	International Conference on Next Generation Technologies for Sustainable Developments (ICNGT-2025)	School of Pharmacy and Technology Management in association with MPSTME, SAST and CTF, Shirpur Campus.	28 & 29 March 2025
19	Dr. Abhijeet Dawle, Pradeep Kumar Mishra, Jitendra Sharma	The Role of AI in Shaping the Future of the Gig Economy: A Study of Gig Workers in Urban India	5th International Conference on Advances in Management and Technology (ICAMT-2025)- Jaypee Business School	Jaypee Business School, Noida, UP	February 19-21, 2025
20	Sugam J Shivhare, Jadhav Sachin Karbhari and Dinesh Dwarkadas Bhakkad	A COMPREHENSIVE REVIEW OF HUMAN PSYCHOLOGY'S ROLE IN SHAPING STOCK MARKET INVESTMENTS: BEHAVIORAL FINANCE INSIGHTS	5th International Conference on Advances in Management and Technology (ICAMT - 2025)- Jaypee Business School	Jaypee Business School, Noida, UP	February 19-21, 2025
21	Dr. Mayank Sohani, Dr. Upendra Verma	Transforming Education through Cloud Technologies: A Review of Accessibility Challenges and Solutions	4th International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur	28-29th March, 2025

22	Suresh Kurumbanshi, Sachin Sonawane	Design and Development of Mopping Robot	4th International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur	28-29th March, 2025
23	Priyam Kuvadiya, Chirag Devgade, Sachin Sonawane and Irbaaz Patel	Beach Litter Detection and Path Optimization for Autonomous Cleaning Drones Using YOLOv8, TensorRT and ONNX	4th International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur	28-29th March, 2025
24	Kiran Salunke, Sugam Shivhare & Vivekanand Bagal	Revolutionizing Financial Analytics: The Role of Artificial Intelligence in Market Prediction, Customer Retention, and Churn Modelling	4th International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS, Shirpur	28-29th March, 2025
25	Yash Patel, Pratham Patil, Deversh Choksi, Dhananjay Joshi	Applying TDA in plant disease Diagnosis: A Topology-Based Approach	International Conference on Emerging Technology Trends in Engineering and Management (ICETTEM-2025)	Amity University	19th May 2025
26	Bhavya Verma, Aryan Khandelwal, Pranay Nepalia, Aayushi Rajput, Aaditya Varshney,* Kiran Salunke, Sugam Shivhare, Vivekanand Bagal	"Revolutionizing Financial Analytics: The Role of Artificial Intelligence in Market Prediction, Customer Retention, and Churn Modelling"	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS MPTP, Shirpur campus	March 28-29, 2025
27	Jash Desai, Amay Thakkar, Chatainaya Sethiya, Anmol Pandey, Sugam J Shivhare and Vivekanand S Bagal	Exploring the Nexus between Climate Change and Air Quality: Impacts and Interactions	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SVKM's NMIMS MPTP, Shirpur campus	March 28-29, 2025
28	Naziya Hussain, A. Singh, T. Alrwbaye, Y. Ramaswamy and L. Ramesh,	Deep Reinforcement Learning and Distributed Solution for Local Network based Optimization of Network Slicing in 5G Communications	4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2025) Published in IEEE Xplore	Ballari Institute of Technology and Management, Ballari, Karnataka, India, Ballari	25-26 April 2025

29	Naziya Hussain, A. Singh, R. Hamyd, D. G. N and R. Maranan	"Energy Consumption in Wireless Sensor Networks using Genetic Algorithm and Ant Colony Optimization	4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2025) Published in IEEE Xplore	Ballari Institute of Technology and Management, Ballari, Karnataka, India, Ballari	25-26 April 2025
30	Kiran Salunke & Suresh Kurumbanshi	Features Optimized Pearson Correlation Coefficient-based Differentiation of Application Layer DDoS Attacks and Flash Events	ICCCNT2025	IIT Indore	6.07.2025

Books Published:

Sr. No.	Name of the author/s	Title of the book	Name of the Publisher	Date of publication	ISBN No
1	Upendra Verma, Kuber Datt Gautam	Cloud Security Strategies	SCICRAFTHUB Publications	Nov. 07, 2024	978-81-981076-6-4
2	Shivaji Methe, Abhijeet Dawle, Rajiv Junne	Creative Disruption: Impact of AI on English Language and Literature Studies	Authorspress, Q-2A Hauz Khas Enclave, New Delhi-110 016 (India)	Apr-25	ISBN 978-93-6095-100-9
3	<u>Srikanth Pulipeti</u> , <u>Adarsh Kumar</u> , <u>Nagaraju Mysore</u> , <u>Cathryn Peoples</u>	Quantum and blockchain-based next generation sustainable computing	Springer Nature Switzerland.	28.07.2024	978-3-031-58070-3

Book Chapters Published:

Sr. No.	Name of the author/s	Name of the Chapter	Name of the book	Name of Publisher	Date of publication	ISBN No.
1	Rakesh Chaudhari, Asha Ingle, Praveen Kumar Loharkar	Effect of PWHT on TIG and MIG Welded Joint of Stainless Steel and Chrome Moly Alloy	Industry 4.0 and Advanced Manufacturing, Volume 1	SPRINGER NATURE	27-Feb-25	Print ISSN 2195-4356
2	Dr. Abhijeet Dawle	Negotiation in the Modern World:Agility to Changing Environments	Perspectives on Business Communication in the Digital Age	Authors Press	Oct-24	978-93-6095-062-0
3	<u>Pulipeti, S.</u> , <u>Chithaluru, P.</u> , <u>Kumar, M.</u> , <u>Narsimhulu, P.</u> , <u>V, U.M</u>	Explainable AI: Methods, Frameworks, and Tools for Healthcare 5.0	Computational Intelligence Methods and Applications. Springer, Singapore	<u>Springer, Singapore.</u>	08.07.2024	978-981-97-3705-5

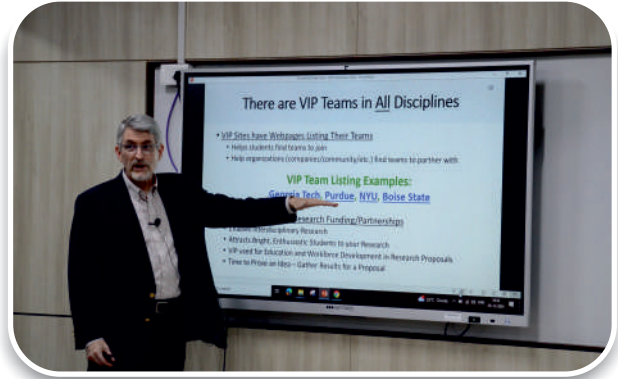
Patents:

Sr. No.	Patent Details	Patent Status Published / Filed /granted	Patent Number & country	Inventors Involved	Published (Date)	If Granted (Date)	Date of filing
1	A Child Safety Wearable Device with Location Tracking and Non-invasive Biomarker Detection of Possible Disease	Granted	568022 & India	Upendra Verma, Kapil Kumar Nagwanshi, Toran Verma, Mayank Sohani		27-Jun-25	12-Mar-21

Faculty Awards:

Sr. No.	Name of Faculty & Designation	Name of Award	Details of Award	Name of Organisation conferring the award	Date & Place	Level of Award (State /National / International)
1	Dr. Praveen Kumar Loharkar, Assistant Professor	Best Faculty Award	Received Best Faculty Award for the school in the convocation held on August 17,2024	NMIMS	August 17, 2024	School Level
2	Dr. Praveen Kumar Loharkar, Assistant Professor	Gold Medal	Received Gold Medal for securing First Position in M.Tech Data Science Program	NMIMS	August 17, 2024	University Level

MPSTME GLIMPSES OF ACADEMIC YEAR





SCHOOL OF PHARMACY AND TECHNOLOGY MANAGEMENT



Dr. Shyam Sunder Pancholi
Professor and Associate Dean
M. Pharm, Ph.D.



Dr. Girdhari Lal Gupta
Professor
M. Pharm, Ph.D.



Dr. Preeti Chidambar Sangave
Associate Professor
B. Pharm, M.Sc. (Tech.),
Ph.D. (Tech.)



Dr. Shashikant B. Bagade
Associate Professor
M. Pharm, Ph.D.



Dr. Ranajit N. Shinde
Associate Professor
M.S., Ph. D.



Dr. Sankha Bhattacharya
Associate Professor
M. Pharm, Ph.D.



Dr. Dhrubojyoti Mukherjee
Associate Professor
M. Pharm, Ph.D.



Dr. Amit B. Page
Assistant Professor
M. Pharm, Ph.D.



Dr. Piyush Ghode
Assistant Professor
M. Pharm, Ph.D.





Dr. Mayank Sharma
Assistant Professor
M. Pharm, Ph.D.



Dr. Saurabh Maru
Assistant professor
M. Pharm., Ph.D.



Dr. Mahendra Prajapati
Assistant Professor: Pharmaceutics
M. Pharm, Ph.D.



Dr. Ravindra Babu Pingili
Assistant Professor: Pharmacology
M. Pharm, Ph.D.



Dr. Krishna Sanka
Assistant Professor, Pharmaceutics
M. Pharm, Ph.D.



Dr. Hemant Kumar Tatapudi
Assistant Professor,
Pharmaceutical Analysis
& Quality Assurance
M. Pharm, Ph.D.



Dr. Devendra Kumar
Assistant Professor,
Pharmaceutical
M. Pharm, Ph.D.,
Postdoctoral research



Dr. K. Anitha
Assistant professor
M. Pharm., Ph.D.



Dr. Vishal Beldar
Assistant professor
M. Pharm., Ph.D.



Mr. Anirudh Padiyar
Assistant professor
M. Pharm



Dr. Mahaveer Singh
Assistant Professor
M. Pharm., Ph.D.



Dr. Shilpa Mandpe
Assistant Professor
M. Pharm., Ph.D.



Dr. Sinoy Sugunan
Assistant professor
M. Pharm., Ph.D.



Ms. Prabha Rajput
Assistant Professor
M.S. Pharm.



Dr. Aniket Karamse
Assistant Professor
M.S. Pharm. Ph.D.



Dr. Ashwani Mishra
Assistant Professor
M. Pharm. Ph.D



Dr. Swanand Kulkarni
Assistant Professor
M. Pharm. Ph.D



Dr. Smita Jain
Assistant Professor
M. Pharm. Ph.D



Dr. Pooja Ratre
Assistant Professor
M. Pharm. Ph.D





Mr. Chandrakant Bagul
Lab Assistant
D. Pharm



Mr. Hansraj Ahire
Lab Assistant
D. Pharm, & B.Sc. L.T. Pharm,
& B.Sc. L.T



Mr. Hiralal Chaudhary
Lab Assistant
D. Pharm.



Mr. Mahesh H. Patil
Lab Assistant
D. Pharm & B.Sc



Mr. Kiran Pawar
Lab Assistant
D. Pharm



Mr. Mukesh Sonawane
Lab Assistant
D. Pharm & B.Sc.



Mr. Pradip Jadhav
Lab Assistant
M. Sc.



Mr. Prafullkumar Rajput
Lab Assistant
D. Pharm & B.A.



Ms. Dipali Mahajan
Assistant Librarian
M. Lib



Mr. Komalsing Jadhav
Coordinator
BA, MCM & MBA



Mr. Kamlesh Thakare
Laboratory Assistant
D. Pharm



Mr. Shubham Dhangar
Assistant
B.Sc.

Paper Publications by Faculty:

Sr. No.	Name of Author	Title of Paper	Journal Name	ISSN No., Volume, Page No.	Date of Publishing	Impact Factor	Scopus indexed
1	Dhrubojyoti Mukherjee	Thiolated eudragit/ β -cyclodextrin/ <i>centella asiatica</i> nanomaterial for bone tissue engineering construct	Journal of Drug Delivery Science and Technology	Online ISSN: 2588-8943 Print ISSN: 1773-2247, Volume-98, Page No:105889	18 th June 2024	5	YES
2	Sankha Bhattacharya	Navigating the future of cancer management through carbon nanodots: A review	Nano-Structures & Nano-Objects	2352-507X, Volume-39, Page No: 101217	17th June 2024	-	YES
3	Sankha Bhattacharya	Hybrid Nanoparticles for Cancer Theranostics: A Critical Review on Design, Synthesis, and Multifunctional Capabilities	Current Medicinal Chemistry	0929-8673 (print) 1875-533X (web), Page No:1-25	24th June, 2024	4.1	YES
4	Preeti C. Sangave	Nanotechnology Enabled Advances in Oral Delivery of Therapeutic Peptides: Mechanistic Insights for Translation to Clinic	Current Nanomedicine	Issue No: 1-28, 2468-1873, Ahead of print, available online, Page No:	30th May, 2024	1.03 (2023)	YES
5	Sankha Bhattacharya, Preeti C. Sangave	pH-sensitive nanoparticles of epigallocatechin-3-gallate in enhanced colorectal cancer therapy	Nanomedicine	Issue No: 6, 1743-5889, Volume:19, Page No: 459-481	1st June 2024	4.73 (2023)	YES
6	Sankha Bhattacharya, Girdhari Lal Gupta, Megha Jha	Deciphering Regulatory T-Cell Dynamics in Cancer Immunotherapy: Mechanisms, Implications, and Therapeutic Innovations	ACS Pharmacology & Translational Science	Issue No: 7 2575-9108, Volume 7, Page No: A-V	3rd July 2024	4.9	YES
7	Mahaveer Singh	Design, synthesis and evaluation of new methyl piperazine derivatives as anticancer agents	Future Journal of pharmaceutical sciences	Issue No : 88, 2314-7253, Volume- 10, Page No: 2-11	16 th July 2024	3.4	YES
8	Ravindra Babu Pingili	Drug reactive metabolite-induced hepatotoxicity: a comprehensive review	Toxicology Mechanisms and Methods	Issue No: 6, 1537-6516, Volume -34, Page No: 607-627	1 st July 2024	2.8	YES

9	Dr.Anitha K.	Recent Insights into the Neurobiology of Alzheimer's Disease and Advanced Treatment Strategies	Molecular Neurobiology	Issue: 1, 1559-1182, Page No: 1-19	5 th August 2024	4.8	YES
10	Dr.Sankha Bhattacharya	Polymeric Micelles in Colorectal Cancer Therapy: A Comprehensive Review of Nano-drug Delivery Strategies, Copolymer Types, Physicochemical Characteristics, and Therapeutic Applications	Current Medicinal Chemistry	ISSN (Print): 0929-8673 ISSN (Online): 1875-533X, Page No: 1-22	01-Aug-24	3.5	YES
11	Dr.Sankha Bhattacharya	Strategic Developments in Polymer-Functionalized Liposomes for Targeted Colon Cancer Therapy: An Updated Review of Clinical Trial Data and Future Horizons	Bio-Macromolecule	Issue No: 8, ISSN 1526-4602, Volume 25, Page No: (A-T)	20-Aug-24	5.5	YES
12	Dr.Sankha Bhattacharya	Zeolite-based nanoparticles drug delivery systems in modern pharmaceutical research and environmental remediation	Heliyon	Issue No: 16 e36417, ISSN: 2405-8440, Volume :10, Page No: 1-18	August 30, 2024	3.4	YES
13	Dr Sankha Bhattacharya, Dr.Devendra Kumar	Biosurfactant Nanomicelles and Peptide Integration: Novel Approaches to Targeted Gene Delivery in Colon Cancer Treatment	Current Medicinal Chemistry	ISSN (Print): 0929-8673 ISSN (Online): 1875-533X, Page No: 1-25	19-Aug-24	3.5	YES
14	Dr.Mayank Sharma, Dr.Sankha Bhattacharya	EpCAM aptamer-engineered, azadiradione-loaded, chemo-photo-responsive nano-erythroliposomes for the treatment of triple-negative breast cancer	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Issue No: Part 1, ISSN 0927-7757, Volume 703, Page No: 135176	24-Aug-24	4.9	YES
15	Dr.Shashikant Bagade	Revolutionizing Healthcare: A Comprehensive review of AI application, Benefits, and Risk Mitigation Strategies	International Journal of Creative Thoughts	Issue No:7, 2320-2882, Volume:12, Page No: i15-i25	01-07-2024	-	Google scholar

16	Dr.Mayank Sharma	Development of engineered transerosomal gel containing meloxicam for the treatment of osteoarthritis	Annales Pharmaceutiques Françaises	issue No: 5, Online ISSN: 2772-803X Print ISSN: 0003-4509, Volume : 82, Page No: 830-839	01, Aug, 2024	1	Scopus/ Web of Science/ Google Scholar/ SCI
17	Dr.Shashikant Bagade	Health benefits and Therapeutic Potential of Roselle	International Journal of Creative Thoughts	Issue No; 7, 2320-2882, Volume - 12, Page No: i15-i25	01-07-2024		Google scholar
18	Dr.Anitha Kuttiappan	Hepatoprotective effect of flavonoid rich fraction of Sesbania grandiflora: Results of In vivo, in vitro, and molecular docking studies	Journal of Ayurveda and Integrative Medicine	Issue No. 5, 0975-9476, Volume-15, Page No:101036	01-Sep-24	1.7	Yes
19	Dr.Mahaveer Singh	Exploring molecular interactions and ADMET profiles of novel MAO-B inhibitors: toward effective therapeutic strategies for neurodegenerative disorders	Future journal of pharmaceutical sciences	Issue No: 1, 2314-7253 Volume: 10, Page No: 1-11	02-Sep-24	3.4	Yes
20	Dr.Sankha Bhattacharya	Targeted therapy with polymeric nanoparticles in PBRM1-mutant biliary tract cancers: Harnessing DNA damage repair mechanisms	Critical Reviews in Oncology / Hematology	Issue No: 104505, 1040-8428, Volume 204, Page No:1-20	04-Sep-24	5.5	Yes
21	Dr.Sankha Bhattacharya	Novel Carbohydrate Polymer-Based Systems for Precise Drug Delivery in Colon Cancer: Improving Treatment Effectiveness With Intelligent Biodegradable Materials	Biopolymers	Issue No: e23632, 1097-0282 Page No:1-33	27-Sep-24	3.2	Yes
22	Dr.Sankha Bhattacharya	Quantum-Inspired Macromolecular Design: Harnessing Quantum Dots for Enhanced Polymer Functionality in Drug Delivery	Journal of Macromolecular Science, Part B Physics	0022-2348 , Page No: 1-10	27-Sep-24	1.2	Yes



23	Dr.Sankha Bhattacharya	Recent Advancements in the Delivery of Therapeutic Agents Targeting RNA-dependent RNA Polymerase of SARS-CoV-2	Current Medicinal Chemistry	ISSN (Print): 0929-8673 ISSN (Online): 1875-533X, Page No: 1-21	30-Sep-24	3.5	Yes
24	Jajati K. Pasupalak, Prabha Rajput, Girdhari Lal Gupta	Gut Microbiota and Alzheimer's Disease: Exploring Natural Product Intervention and the Gut-Brain Axis for Therapeutic Strategies	European journal of pharmacology	0014-2999 (print); 1879-0712 (web), Volume: 984, Page No: 177022	1st October, 2024	4.2	Yes
25	Dr.Sankha Bhattacharya	Hyaluronic acid-functionalized carboxymethyl dextran-coated melatonin nanoconjugates for targeted etoposide delivery in metastatic colon cancer: Extensive in-vitro investigation in HCT116 cell lines, antimicrobial efficacy, and anti-angiogenic potential in chick chorioallantoic membrane (CAM) assay	International Journal of Biological Macromolecules	Issue No : 3, Print: 0141-8130 Electronic: 1879-0003, Volume :281, Page No: 136373	4th October 2024	7.7	Yes
26	Dr.Sankha Bhattacharya	Biocompatible Natural Polymers and Cutting-Edge Fabrication Techniques in the Development of Next-Generation Oral Thin Films for Enhanced Drug Delivery Systems	Current Pharmaceutical Design	ISSN (Print): 1381-6128 ISSN (Online): 1873-4286, Page No: 1-13	8th October 2024	2.6	Yes
27	Dr.Sankha Bhattacharya	Impact of metallic nanoparticles on gut microbiota modulation in colorectal cancer: A review	Cancer Innovation	Issue No: 6, Online ISSN:2770-9183 Print ISSN:2770-9191, Volume- 3, Page No- 1-18	11th October 2024	-	Yes



28	Dr.Sankha Bhattacharya	Development, optimization, and characterization of polymeric micelles to improve dasatinib oral bioavailability: Hep G2 cell cytotoxicity and in vivo pharmacokinetics for targeted liver cancer therapy	Heliyon	Issue No:19, Online: ISSN 2405-8440 Print: ISSN 2405-8440, Volume- 10, Page No-1-24	21st October, 2024	3.4	Yes
29	Dr.Sankha Bhattacharya,Dr. Preeti Sangave,Dr. G.L. Gupta,Mr.Gaurav Paraskar,Ms.Megha Jha,Dr.Devendra Kumar,Dr.Mayank Sharma	Chitosan nanoparticles of imatinib mesylate coated with TPGS for the treatment of colon cancer: In-vivo & in-vitro studies Carbohydrate Polymers https://doi.org/10.1016/j.carbpol.2024.122935	Carbohydrate Polymers	Online ISSN: 1879-1344Print ISSN: 0144-8617, Volume- 348, Page No: 122935	04-Nov-24	10.7	Yes
30	Dr. Sankha Bhattacharya, Dr.Shashikant Bagade, Preeti Sangave, Devendra Kumar, Dhrubojyoti Mukherjee	Comparative Study of pH-Responsive and Aggregation Stability of Bosutinib-Loaded Nanogels Comprising Gelatin Methacryloyl, Carboxymethyl Dextran, and Hyaluronic Acid for Controlled Drug Delivery in Colorectal Cancer: An Extensive In Vitro Investigation	Biomacromolecules	Issue No: , 1526-4602, Volume -25, Page No: 1-25	06-Nov-24	5.5	Yes
31	Dr.Sankha Bhattacharya	Macromolecular Poly(N-isopropylacrylamide) (PNIPAM) in Cancer Treatment and Beyond	Advances in Polymer Technology	ISSN:1098-2329, Volume : 1444990, Page No: 1-36	14-Nov-24	2	Yes
32	Ms. Shilpa Mandpe	Development, QbD-based optimisation, in-vivo pharmacokinetics, and ex-vivo evaluation of Eudragit® RS 100 loaded flurbiprofen nanoparticles for oral drug delivery https://doi.org/10.1080/02652048.2024.2427294	Journal of Microencapsulation	Page No:1-13.	16 November 2024	4	Yes
33	Dr. Mahaveer Singh, Dr.Saurabh Maru,Dr. Sinoy Sugunan, Dr.Amit Pandit, Dr.Prabha Rajput	Exploring melatonin's therapeutic potential in neurological disorders: a review of current evidence	Biological Rhythm Research	0929-1016, Page No: 1-17	05-Nov-24	1	Yes

34	Dr.Sankha Bhattacharya Dr.Payal Dande	Cabozantinib-phospholipid complex for enhanced solubility, bioavailability, and reduced toxicity in liver cancer	Therapeutic Delivery	2041-6008 (online), Page No : 1-17	29 Nov 2024.	3	Yes
35	Mr. Anirudh Padiyar	Enhanced Thin Layer Chromatography of Amino Acids Using Mixed Hydrotropic Solutions	International Journal of Pharmaceutical Science	Issue No : 11, 0975-4725, Volume- 2, Page No: 1541-1547	01-11-2024	-	Yes
36	Mr. Anirudh Padiyar	Preparation and evaluation of budesonide nanosuspension for inhalation use	The BioScan	Special issue: 1, 0973-7049, Volume- 19, Page No: 302-306	01-11-2024	-	Yes
37	Mahaveer Singh, Saurabh Maru, Sinoy Sugunan, Amit Pandit, Prabha Rajput	Exploring melatonin's therapeutic potential in neurological disorders: a review of current evidence	Biological Rhythm Research	Issue No: 1, 0929-1016, Volume : 56, Page No: 1-17	01-11-2024	1	Yes
38	Dr.Sankha Bhattacharya, Dr.Amit Page, Dr. Mayank Sharma, Dr. Shyamsunder Pancholi	Advanced Relationships Between Structure and Properties of Chitosan-Based Polymeric Hydrogels in Oncology and Their Impact on the Tumor Microenvironment	Journal of Macromolecular Science, Part B	Issue No: 63, Electronic 0022-2348, E-ISSN is 1525-609X, Volume : 12, Page No : 1-22	30-Dec-24	1.2	Yes
39	Dr.Sankha Bhattacharya, Preeti Sangave, Dr. Girdharilal Gupta, Mr. Gaurav Paraskar, Ms. Megha Jha, Dr.Devendra Kumar	Fabrication of lactoferrin-chitosan-etoposide nanoparticles with melatonin via carbodiimide coupling: In-vitro & in-vivo evaluation for colon cancer	Journal of Controlled Release	Issue No ; 10, Print: 0168-3659 Online: 1873-4995, Volume : 377, Page No: 810-841	06-Dec-24	10.5	Yes
40	Dr. sankka Bhattacharya	Aestheticizing the Self-Stabilized Pickering Emulsion of Capecitabine: Harnessing Polysarcosine Nanoparticles for Exquisite Targeted Therapy of Squamous Cell Carcinoma; An Elaborate In Vivo and In Vitro Evaluation	BioNanoScience	Issue No:91, Electronic ISSN: 2191-1649. Print ISSN: 2191-1630, Volume - 15, Page No: 1-28	10-Dec-24	3	Yes

41	Dr.Shahsikant Bagade	Hydrogen Peroxide Quantification Using Zero Dimensional Carbon Nanostructured Materials: A Review	Critical Reviews in Analytical Chemistry	Issue No: 2, 0007-8980, Volume- 57, Page No: 1-21	02 Dec. 2024	Q1 4.2	Yes
42	Dr Sankha Bhattacharya, Dr. Preeti Sangave,Dr. G.L.Gupta,Mr. Gaurav Paraskar,Ms.Megha Jha,Dr.Devendra Kumar	Fabrication of lactoferrin-chitosan-etoposide nanoparticles with melatonin via carbodiimide coupling: In-vitro & in-vivo evaluation for colon cancer	Journal of Controlled Release	Issue No: 10, Print: 0168-3659 Online: 1873-4995, Volume 377, Page No: 810-841	06-Dec-24	10.5	Yes
43	Dr. Sankha Bhattacharya, Dr. Amit Page, Dr. Mayank Sharma,Dr. Shyamsunder Pancholi	Advanced Relationships Between Structure and Properties of Chitosan-Based Polymeric Hydrogels in Oncology and Their Impact on the Tumor Microenvironment	Journal of Macromolecular Science, Part B	Page No:1-22	30-Dec-24	1.2	Yes
44	T Hemant Kumar	UPLC Estimate of Sofosbuvir and Ledipasvir Utilizing Greenness Tool in Conjunction With an Analytical Quality by Design	Biomedical Chromatography	Issue No:1, 1099-0801, Volume - 39, page No :1-12	01-01-2025	1.9	Yes
45	T Hemant Kumar	Quantification of Aprepitant Via Charge Transfer Complexation Reactions Through Visible Spectrophotometric Methods	Journal of Applied Spectroscopy	Issue No: 6, 1573-8647, Volume- 91, Page No: 1418 - 1427	01-01-2025	0.8	Yes
46	Dr. Ravindra Babu Pingili, Dr. Vishal Beldar, Dr. Sankha Bhattacharya, Mr. Jiyaar Rahaman,Dr. Dhrubojyoti Mukherjee	The role of biomaterial-based scaffolds in advancing skin tissue construct	Journal of Tissue Viability	Issue No : 2, 1876-4746, Volume No : 34, Page NO: Article No. 100858	01-01-2025	2.4	Yes
47	Dr. Sankha Bhattacharya, Dr.Mayank Sharma	Development and evaluation of hyaluronic acid-coated chitosan nanoparticles for improved delivery of sorafenib tosylate in the treatment of hepatocellular carcinoma	Bio Nanoscience	IssueNo: 201, 2191-1630, Volume- 15, Page No: 1-30	25-Jan-25	3	Yes

48	Dr. Sankha Bhattacharya	Chitosan Approaches in Colon Cancer Therapy: Understanding its Macromolecular Interactions and Structure-Property Relationships	Journal of Macromolecular Science, Part B,	0022-2348 (Print) 1525-609X (online), Volume-65, Page No:1-10	09-Jan-25	1.2	Yes
49	Dr. Mayank Sharma, Dr. Sankha Bhattacharya	Exploring Elastic Lipid Nanovesicles for Enhanced Skin Permeation of Whole Plant Extract: A Comprehensive Investigation	Journal of Biomedical Materials Research Part B: Applied Biomaterials	Issue No : Issue1, Online ISSN:1552-4981 Print ISSN:1552-4973, Volume -113, Page No:1-14	06-Jan-25	3.2	Yes
50	Ms. Shilpa Mandpe	Development, QbD-based optimisation, in-vivo pharmacokinetics, and ex-vivo evaluation of Eudragit® RS 100 loaded flurbiprofen nanoparticles for oral drug delivery.	Journal of Microencapsulation	Issue No: 1, Volume-42, Page NO:1-13	16/09/2024	3.5	Yes
51	Dr. Sankha Bhattacharya	Structure-Property Relationships of pH-Responsive Polymeric Nanoparticles: Enhancing Targeted Drug Delivery Systems in Colon Cancer Therapy	Journal of Macromolecular Science, Part B,	0022-2348 (Print) 1525-609X (online), Volume- 65,Page no : 1-17	03 Jan 2025.	1.2	Yes
52	Dr. Mahaveer Singh, Dr.Saurabh Maru,Dr. Sinoy Sugunan, Dr.Amit Pandit, Dr.Prabha Rajput	Exploring melatonin's therapeutic potential in neurological disorders: a review of current evidence	Biological Rhythm Research	Issue No: 1, 0929-1016 , Volume : 55, Page No:1-17	01-12-2024	1	Yes
53	Dr. Saurabh Maru	Comparative Study of Lactogenic Effect and Milk Nutritional Density of Oral Galactagogue in Female Rabbit	Current Protein & Peptide Science	Issue No: 2, 1389-2037, Volume:26, Page No: 125-138	01-01-2025	1.9	Yes
54	Dr. sankha Bhattacharya, Dr. Vishal Beldar, Dr.Ashwani Mishra	Chitosan-Coated Silver Nanoparticles for Imatinib Mesylate Delivery: Biophysical Characterization, In-Silico Profiling, and Anti-Colon Cancer Efficacy	Molecular Pharmaceutics	1543-8392, Page No : 1573-1592	01-02-2025	4.5	Yes

55	Dr. sankha Bhattacharya	Navigating COVID-19: Advancements in therapeutics and viral filtration technologies for Today's challenges and tomorrow's solutions	Journal of Drug Delivery Science and Technology	1773-2247, Volume- 106, Page No: 106741	21-Feb-25	4.5	Yes
56	Dr. Sankha Bhattacharya, Mr. Aryan Thakkar	Advancing Structure-Property Insights of Poly (Lactic-co-Glycolic Acids): A Mini Review on the Biodegradable Polymers Applications in Drug Delivery	JOURNAL OF MACROMOLECULAR SCIENCE, PART B	Issue no : 4, 0022-2348, Volume: 64, Page No: 1-14	21-Feb-25	1.2	Yes
57	Dr. Sankha Bhattacharya	pH-Sensitive Macromolecular Carriers: Targeted Therapeutics for Cancer and Inflammation	Journal of Macromolecular Science, Part B	Issue No : 4, 0022-2348, Volume-64, Page No : 1-11	17-Feb-25	1.2	Yes
58	M Singh, S Maru, S Sugunan, A Pandit, P Rajput	Exploring melatonin's therapeutic potential in neurological disorders: a review of current evidence	Biological Rhythm Research	Issue No : 1, 0929-1016 , Volume : 56, Page No : 1-17	01-01-2025	1	Yes
59	Dr. Mahendra Prajapati	Deciphering the Impact of Hyaluronic Acid Grafting Density and Molecular Weight on Paclitaxel Liposome in CD-44 Receptor Targeting	Journal of Pharmaceutical Innovation	Issue No : 1, 1872-5120, Volume- 20, Page No: 1-21	01-01-2025	2.7	Yes
60	Dr. Ashwini Mishra	Navigating liver cancer: Precision targeting for enhanced treatment outcomes	Drug Delivery and Translational Research	Electronic ISSN 2190-3948, Volume- (DOI: https://doi.org/10.1007/s13346-024-01780-x)	01-01-2025	5.7	Yes
61	Dr.Sankha Bhattacharya	Advanced therapeutic strategies using Thermo-sensitive chitosan/pectin hydrogel in the treatment of multiple cancers	Carbohydrate Polymers	Issue No: 123454 Print ISSN: 0144-8617 Online ISSN: 1879-1344, Volume- Volume 357, Page No: 1-20	27-Feb-25	10.7	Yes
62	Dr.Saurabh Maru	Acute and Subacute Oral Toxicity Study of a Herbal Formulation Containing Asparagus racemosus, Tinospora cordifolia, and Trigonella foenum-graceum in Mice	Journal of Toxicology	Print ISSN:1687-8191, Volume: 2025, Page No:1-17	2025	3.4	Yes

63	Dr.Saurabh Maru	Comparative Study of Lactogenic Effect and Milk Nutritional Density of Oral Galactagogue in Female Rabbit	Current Protein & Peptide Science	Issue No :2 ISSN (Print): 1389-2037, Volume: 26, Page No : 125-138	2025	1.9	Yes
64	Dr.Krishna Sanka	Oral pH-triggered colon-specific ketoprofen loaded microspheres for the better management of early morning symptoms associated with rheumatoid arthritis. Part II: Pharmacokinetic and pharmacodynamic assessment in rats	Journal of Holistic Integrative Pharmacy	Issue No: 1, Online ISSN: 2950-175X Linking ISSN: 2707-3688, Volume: 6, PaGE No: 83-90	28th March 2025	NO	CAS (CASSI) Director y of Open Access Journals (DOAJ)
65	Dr. Anitha Kuttiappan	Emerging variants of Mpox virus and tecovirimat resistance: Genomic insights and implications for treatment strategies	Virology	ISSN No:0042-6822, Volume: 608, Page No:110532	Apr-25	2.8	Scopus
66	Dr.Girdharilal Gupta	Therapeutic effect of formononetin in 6-OHDA induced Parkinson disease in rats	<i>Inflammopharmacology</i>	Electronic ISSN: 1568-5608. Print ISSN: 0925-4692, Volume:33, 4, Page No: 2179		4.6	Scopus
67	Dr. Krishna Sanka	Zingiberaceae wonders: the antioxidant powerhouse for optimal health	Animal Science Papers and Reports	0860-4037 (print) and 2300-8342 (online), Volume:43, 1, Page No:1 - 18	Apr 10, 2025	0.9	Scopus
68	Dr.Dhrubojyoti Mukherjee	Osteoimmunomodulatory biomaterials: Engineering strategies, current progress, and future perspectives for bone regeneration	Applied Materials Today	Issn No:2352-9415, Volume:44, Page No:102753	29-Apr-25	7.2	YES
69	Mr.Ram Mor,Dr.Shashikant Bagade,Dr.Shyams under Pancholi,Divya Nasare	Recent Developments in 3D Printing Assisted Surgical Dentistry	Materials Science and Engineering: B Volume 319, September 2025, 118299	Online ISSN: 1873-4944 Print ISSN: 0921-5107, Volume 319,	September 2025,	3.9	Scopus
70	Dr.Sankha Bhattacharya, Ms. Ritu Kashyap, Ms.Sneha Tiwari	Innovative strategies in the fight against bacterial infections: Phage therapy, nanotechnology, and new antimicrobial agents for multidrug-resistant pathogens	Results in Chemistry	Issn No:2211-7156 Volume:15 Issue No:102304, Page No: 1-21	30-Apr-25	2.5	YES

71	Dr.Sankha Bhattacharya	The gastrointestinal mycobiome in inflammation and cancer: unraveling fungal dysbiosis, pathogenesis, and therapeutic potential	Medical Oncology	Issn No:1357-0560 Volume No:Volume 42, Issue No : 195, Start page- 1-18	05-May-25	2.8	YES
72	Ms.Siddhi Thorat, Dr.Sankha Bhattacharya	The Role of RS Type 2 (High-AmyloseMaize Starch) in the Inhibition of Colon Cancer: A Comprehensive Review of Short-Chain Fatty Acid (SCFA) Production and Anticancer Mechanisms	Molecular Nutrition & Food Research	ISSN:1613-4133, Issue:e70107, Page No:1-23	20-May-25	4.5	YES
73	Dr. Dhrubojyoti Mukherjee	Effect of microgravity on bone Tissue: Mechanisms of osteodegeneration and advanced treatment modalities	Biochemical and Biophysical Research Communications	Issn No:1090-2104, Volume:771, Start page-152055	22-May-25	2.5	YES
74	Dr.Sankha Bhattacharya	Synthesis and evaluation of valsartan co-crystals for enhanced solubility and anti-hypertensive activity	International Journal of Pharmaceutics	Issn No:0378-5173 (print) and 1873-3476 (online), Volume : Volume 680 , Start Page No :125743	25-Jul-25	5.2	YES
75	Dr.Sankha Bhattacharya	Advances in Parenteral Nanocarriers and Delivery Devices: A Comprehensive Review	Current Pharmaceutical Design	ISSN (Print): 1381-6128 ISSN (Online): 1873-4286, Volume : 31 Issue No : 23, Start Page : p. 1844 - 1865	13-Mar-25	2.8	YES
76	Dr.Ashwini Mishra, Dr.Smita Jain	Tectoridin modulates intertwined molecular pathways in metabolic syndrome: insights from network pharmacology, molecular docking, and in vivo studies (https://doi.org/10.1007/s10787-025-01815-w)	Inflammopharmacology	Issn No :0925-4692	Jun-25	5.3	YES

77	Dr. Swanand Kulkarni	Anti-androgenic and anti-proliferative properties of methanolic leaf extract of <i>Allamanda cathartica</i> Linn. in adult mouse testis: Evidences from in vivo and in silico studies	The Journal of Steroid Biochemistry and Molecular Biology	Issn No: 1879-1220, Volume- 253, Issue No : 106798, Start Page : 1-19/ 106798	6th June 2025	2.5	YES
78	Dr.Ravindra Babu Pingili	Brij 35 inhibited the CYP2E1-mediated metabolism and P-gp mediated transport of paracetamol in rats and in vitro models: amelioration of paracetamol toxicity	Toxicology Mechanisms and Methods	Issn No : 1537-6516, Volume : 35, Issue No: 56, Start Page No: 492-501	1st June 2025	2.8	YES
79	Dr. Sanka Krishna	Quality by design guided self-nano emulsifying powder-filled hard gelatin capsules for better oral delivery of haloperidol: In vitro and ex vivo characterization	Journal of Drug Delivery Science and Technology	Issn No : 2588-8943, Volume : 111, Page No : 107186	16-Jun-25	4.9	YES

Conference Publications:

Sr. No.	Name of the authors	Presenting author	Title of the Paper	Name of the conference	Organising body	Date of publication
1	Preeti Sangave	Preeti Sangave	Fabrication, characterization of copper nanoparticles and evaluation of its antibacterial effect against pathogens	73rd Indian Pharmaceutical Congress (73rd IPC)	Indian Pharmaceutical Association, IPA	5-7 th July, 2024
2	Snehal Tayade, Ashwini Mishra, Saurabh Maru	Snehal Tayade	Molecular docking study of Phytoconstituents of <i>Couroupita guianensis</i>	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
3	Jajati Keshari Pasupalak, Lalit Sharma, Girdhari Lal Gupta	Jajati Pradip Pasupalak	Beneficial role of 18 β -Glycyrrhetic Acid in Chronic Unpredictable Stress via BDNF/TrkB signaling pathway	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
4	Bhagyashri Patil, Nagabhushanam Chunduru, Ravindra Babu Pingili, Girdhari Lal Gupta	Bhagyashri Bhagawat Patil	Effect of Brij 58 on the CYP2E1-mediated metabolism and P-gp mediated transport of Paracetamol in rats and in vitro models: Amelioration of Paracetamol Toxicity	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024

5	Vaibhav Karad, Prajakta Patil, Girdhari Lal Gupta	Vaibhav Sugriv Karad	Advancements in Organ-on-a-Chip Technology: From Single Organs to Human Body-on-a-Chip	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
6	Ashutosh Gangadha Galge, Girdhari Lal Gupta	Ashutosh Gangadhar Galge	Revolutionizing Parkinson's Disease Diagnosis: AI-Powered Remote Solutions	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
7	Megha Jha, Girdhari Lal Gupta, Sankha Bhattacharya	Megha Shankar Jha	pH-Sensitive Nanoparticles of Enhanced Epigallocatechin-3-gallate (EGCG) in Colorectal Cancer Therapy	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
8	Bhoomi Shah, Prachi Chaudhari and Piyush Ghode	Bhoomi Shah	The Application of Fragment Based Design to Identify New DPP-IV Inhibitors	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
9	Preeti Sangave	Dr. Preeti Sangave	Fabrication, characterization of copper nanoparticles and evaluation of its antibacterial effect against pathogens	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
10	Rohan Kadam, Ravindra Babu Pingili	Rohan Kadam	Brij 35 Inhibited the CYP2E1-mediated metabolism And P-gp mediated transport Of acetaminophen in rats and in vitro models	73rd Indian Pharmaceutical Congress (IPC) 2024	Indian Pharmaceutical Association (IPA)	5-7 th July 2024
11	Rajlaxmi Thorat , Mayank Sharma	Rajlaxmi Thorat	Formulation , development and evaluation of mouth dissolving tablets of blonanserine	Indian Pharmaceutical Congress 2024	The Indian Pharmaceutical Association (IPA)	05th to 07th July 2024
12	Dr. Payal Dande, Dr. K. Hatware	Dr. Payal Dande	Evaluation of the role of Cannabidiol in Cognitive Performance using Nose to Brain drug delivery system	27th Annual National Convention, APTICON 2024	APTI, Eastern Region Association of Pharmaceutical Teachers of India	27 and 28 September 2024
13	Dr. Ravindra Babu Pingili	Dr. Ravindra Babu Pingili	Effect of quercetin, chrysin, genistein and curcumin on the P-glycoprotein (P-gp) - mediated transport of carvedilol using In-vitro model	Recent Trends in Biological Sciences and Their Applications (RTBSA-2024)	Dr. Lakireddy Hanimireddy Government Degree College	20-Sep-24
14	Girdhari Lal Gupta and Tanvi D. Pingale	Dr G L Gupta (In Gufic Prize session)	Therapeutic potential of formononetin in alleviating motor impairment in rats with 6-OHDA-induced Parkinson's disease	54th Annual Conference of Indian Pharmacological Society (IPSCON-2024)	All India Institute of Medical Sciences (AIIMS), New Delhi	28th to 30th November 2024

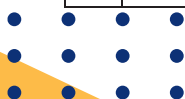


15	Sanidhya Chopra, Jajati Keshari Pasupalak, Girdhari Lal Gupta	Sanidhya Chopra	Phytochemical modulation of GSK-3 β : A promising approach for Alzheimer's disease management	54th Annual Conference of Indian Pharmacological Society (IPSCON-2024)	All India Institute of Medical Sciences (AIIMS), New Delhi	28th to 30th November 2024
16	Mohit Sharma, Prajakta Patil, Girdhari Lal Gupta	Mohit Sharma	Advanced techniques for the evaluation of Anti-Alzheimer's disease therapies: Insights and innovations	54th Annual Conference of Indian Pharmacological Society (IPSCON-2024)	All India Institute of Medical Sciences (AIIMS), New Delhi	28th to 30th November 2024
17	Mudra Dwivedi, Ashutosh Galge, Girdhari Lal Gupta	Mudra Dwivedi	Exploring Nrf2 Activation: Phytochemical Strategies for Oxidative Stress Reduction in Alzheimer's Disease	54th Annual Conference of Indian Pharmacological Society (IPSCON-2024)	All India Institute of Medical Sciences (AIIMS), New Delhi	28th to 30th November 2024
18	Rakshit R. Sangolli, Megha Jha, Girdhari Lal Gupta	Rakshit R. Sangolli	Role of CD40 in neuroinflammation: Targeting with phytochemicals for Alzheimer's disease treatment	54th Annual Conference of Indian Pharmacological Society (IPSCON-2024)	All India Institute of Medical Sciences (AIIMS), New Delhi	28th to 30th November 2024
19	Sohini Chakraborty, Hemanth Kumar Boyina, Krishna Sanka, ViJay Chindrawar, Raghavendra Mitta, Vinyas Mayasa, Raghavendra Babu Nayaka, Padmavathi Yenumula, Akash Bhati, Vimal Arora	Sohini Chakraborty	Exploring Therapeutic and Multi-Target Mechanism of Molsidomine on Cerebral Ischemia: Molecular Docking and Multi faceted in silico Study	6th Genomics, Neuroscience, Therapeutics and Data Innovation Summit	®GENEDIS	18th to 19th Oct 2024
20	Saurabh Maru, Dr. Sateesh Belemkar	Saurabh Maru	Unveiling Pharmacological Impact of Traditional Medicine ATTEB: A Multifaceted Evaluation of Its Safety, Lactation-Promoting Effects and Immunity Enhancement, Across Computational, Cellular, and Animal Models	IPSCON 2024	IPS & AIIMS, New Delhi	28-11-2024 to 30-11-2024
21	Aryan Borana, Vishal Beldar, Saurabh Maru	Aryan Borana	Targeting Pain and Inflammation in Dysmenorrhea: A Network Pharmacology Study of Key Herbal Extracts	IPSCON 2024	IPS & AIIMS, New Delhi	28-11-2024 to 30-11-2024
22	Omkar Hulawale, Vishal Beldar, Saurabh Maru	Omkar Hulawale	Unlocking Ayurvedic Wisdom: A Network Pharmacology Exploration of Anti-Diabetic Plant Formulations and their Properties	IPSCON 2024	IPS & AIIMS, New Delhi	28-11-2024 to 30-11-2024





23	Dr. Ranajit Shinde, Dr. Shashikant Bagade	Dr. Ranajit Shinde	Machine Learning-Based Prediction of Adrenergic Agonists Using Structural Alerts	ICNGT	SVKM's NMIMS SPTM Shirpur	28 -29 March 2025
24	Ojas Bhad, Dr. Ranajit Shinde	Ojas Bhad	Alignment of Drug Likeness Parameters for the compounds acting as diuretics	ICNGT	SVKM's NMIMS SPTM Shirpur	28 -29 March 2025
25	Suyash Torawane, Dr. Ranajit Shinde	Suyash Torawane	Artificial Intelligence in Radiology	ICNGT	SVKM's NMIMS SPTM Shirpur	28 -29 March 2025
26	Dr. Vishal Gokul Beldar	Dr. Vishal Gokul Beldar	From Roots To Pure Product: Development Of Technology For Purpurin Extraction From Madder Root	International Conference on Innovations in Drug Technology & Phytopharmaceuticals and 12th International Congress of the Society for Ethnopharmacology Theme "Ethnopharmacology: Integrating Traditional Health Practices and Contemporary Medical Science"	Society for Ethnopharmacology, India and KLE College of Pharmacy, Belagavi	March 6-8, 2025.
27	Aryan Borana, Vishal Beldar, Saurabh Maru	Aryan Borana	Herbal Remedies For Dysmenorrhea: A Network Pharmacology Study On Pain And Inflammation Targets	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, SVKM'S NMIMS, Shirpur	28-29 March 2025
28	Ruturaj A. Kadu , Mahendra Prajapati, Renuka Maru, Saurabh Maru	Ruturaj A. Kadu	Unravelling the Microbiota-Gut-Brain Axis in Neuropsychiatric Disorders	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, SVKM'S NMIMS, Shirpur	28-29 March 2025
29	Krishna Sanka, Sravanthi Bindla, Gouthami Thumma, Murali Krishna Prasad Vallabhneni, Kishore Rapolu	Dr. Krishna Sanka	Development and Optimization of Benzoyl Peroxide loaded Anise Oil-Based Emulgel for Effective Management of Acne vulgaris Using Box-Behnken Design	ICNGT-2025	SPTM, SVKMs,NMIMS, Shirpur Campus	28 and 29th March 2025





30	Jiya desai , trilotkar s. Vaibhavi, bagade b. Shashikant, Jigisha lad	Jiya desai ,	Chromatographic estimation of capsaicin from different samples Green chemistry: a sustainable solution	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
31	Jigisha lad and bagade shashikant	Jigisha lad	Green chemistry: a sustainable solution	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
32	Chidanand mali, shashikant bagade	Chidanand mali,	Advancements in 3d printing: transforming surgical dentistry and applications	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
33	Sevy jain, patil b. Gayatri, bagade b. Shashikant	Sevy jain,	Anti-urolithiasis activity of a herbal formulation	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
34	Harshada chaudhari , shashikant bagade	Harshada chaudhari	Oral thin films: an innovative and patient-centric drug delivery system	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
35	Ram mor , Shashikant Bagade	Ram mor	A comprehensive review of alcohol hangover treatments: efficacy, mechanisms, and future directions	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
36	Divya Nasare , Shashikant Bagade	Divya nasare	Network pharmacology: an effective tool to navigate the mechanism of phytoconstituents in the treatment of pulmonary tuberculosis	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
37	Divya p. Nasare, shashikant bagade, disha dhabarde	Divya nasare	Synthesis, characterization and pharmacological activity of some reduced schiff base containing benzoxazole derivatives	ICNGT-2025	SPTM, SVKMs,NMIM S, Shirpur Campus	28 and 29th March 2025
38	Shashikant B. Bagade , Akshada Sanap and Ranajit Shinde,	Shashikant B. Bagade	TLC-Densitometric Estimation Of Roxadustat From Bulk And Pharmaceutical Formulation	ICNGT-2025	SPTM, SVKMs, NMIMS, Shirpur Campus	28 and 29th March 2025
39	Mahaveer Singh, Pankaj wadhwa, Hemant R Jadhav and priti jain	Mahaveer Singh	Design, synthesis and anti-HIV-1 evaluation of a series of tetrahydroquinazoline-2,5(1H,6H)- dione derivatives as integrase inhibitors"	ICNGT	School of Pharmacy & Technology Management	March 28-29, 2025



Books Published:

Sr.No	Name of the author/s	Title of the book	Name of the Publisher	Date of publication
1	Dr. Sankha Bhattacharya, Dr. Mayank Sharma. , Dr. Amit Page, Dr Dhrubojyoti Mukherjee, and Abhishek Kanugo	Advancements in Cancer Research: Exploring Diagnostics and Therapeutic Breakthroughs	Bentham Science	Mar-25
2	Dr. Sunita R. Patil, Dr. Shyam S. Pancholi, Dr. G. L. Gupta, Dr. Preeti Sangave	Souvenir for International Conference on Next Generation Technologies for Sustainable Development (ICNGT- 2025)	ISBN (Souvenir) 978-81-986458-1-4	2025

Book chapters published:

Sr. No.	Name of the author/s	Name of the Chapter	Name of the book	Name of Publisher	Date of publication	ISBN No.
1	Mrunal Patil, Dinesh Dhumal, Satish Rojekar, Amol Gholap, Harsha Jain, Prashant Pingale, Mahendra Kumar Prajapati	Nanocarriers for antimicrobial therapy	Nanocarrier Drug Delivery Systems: Therapeutic and Diagnostic Medicine	Walter de Gruyter GmbH, Berlin / Boston	01 June 2024	9783111320847
2	Kuttiappan Anitha, Shvetank Bhatt, Santenna Chenchula, Girdhari Lal Gupta & Ravindra Babu Pingili	Biosimilar in Lung Cancer	Bhatt, S., Dureja, H., Gunvantbhai Patel, S., Samir Patel, A., Dua, K. (eds) Biosimilars for Cancer Treatment	Springer, Singapore	2 nd July 2024	9819730007, 9789819730001
3	Anitha, K., Chenchula, S., Shama, N., Mishra, N., Singh, M.K., Radhika, C.	Molecular Mechanisms of Autophagy Regulation in Cancer	Role of Autophagy and Reactive Oxygen Species in Cancer Treatment. Cancer Drug Discovery and Development.	Springer	1 September 2024	978-3-031-66420-5
4	Sankha Bhattacharya	Applications and challenges in molecular dynamic simulations in polymeric nanoparticle drug delivery systems	Computational Drug Delivery	Walter de Gruyter GmbH & Co KG	07 September 2024	9.78311E+12
5	Thangaraj Devadoss, Ravindra Babu Pingili	Management of Migraine Pain	Drugs Under Clinical Trials for the Treatment of Migraine	Springer	15 September 2024	eBook ISBN 978-981-97-4529-6



6	Preeti Sangave, Saurabh Morparia, and Vasanti Suvarna	Nanotechnological advances in microbial enzymes for biosensor development	Enzyme Biotechnology For environmental Sustainability	Elsevier, Academic Press	July, 2024	eBook ISBN: 9780443220715
7	Megha Jha, Jajati K. Pasupalak, Girdhari Lal Gupta	Handbook of the Biology and Pathology of Mental Disorders	Depressive Behavior and BDNF/TrkB Signaling	Springer Nature	5 th October 2024	Print ISBN 978-3-031-32035-4 Online ISBN 978-3-031-32035-4
8	Kalpesh Vankar, Saurabh Maru, Mahendra Kumar Prajapati, Ganesh Bhalchandra Shevalkar, Prabhanjan S. Giram and Poulomi Sengupta	Core-shell structured gold nanoparticles: From synthesis to applications	Gold Nanoparticles, Nanomaterials and Nanocomposites Science, Technology and Applications A volume in Micro and Nano Technologies	Elsevier Inc	16 July 1905	978-0-443-15897-1
9	Sanshita, Mayank Sharma, Payal Dande, Piyush Ghode, Atul A Shirkhedkar, Amit Chaudhary, Inderbir Singh	Role of Antioxidants for the Treatment of Metabolic Disorders	Antioxidants: Nature's Defense Against Disease	John Wiley & Sons, Inc.	27 February 2025	9.78139E+12
10	Sakshi M Kothawade, Saurabh Maru, Meena Chintamaneni, Hardeep Singh Tuli, Ginpreet Kaur	Synergistic Action of Spices with Chemotherapeutics	Anticancer Spices	Jenny Stanford Publishing	17 July 1905	eBook ISBN 9781003534662
11	Mayank Sharma, Payal Dande, Apeksha Saraf, Jineetkumar Gawad, Rahul Maheshwari and Sumel Ashique	Nanoparticle-Mediated Delivery of RNA-Based Therapeutics for Colon Cancer: Current Status and Future Prospects	Advancements in Cancer Research: Exploring Diagnostics and Therapeutic Breakthroughs	Bentham Science	17 July 1905	978-981-5305-91-3
12	Apeksha Saraf, Mayank Sharma	Polymeric Nanocarriers for Advanced Cancer Therapy: Current Developments and Future Prospects	Advancements in Cancer Research: Exploring Diagnostics and Therapeutic Breakthroughs	Bentham Science	17 July 1905	978-981-5305-91-3
13	Prabha Rajput	Nanotherapeutics and nanotheranostics in miscellaneous fungal infections	Application of Nanotherapeutics and nanotheranostics in managing infectious disease	Elsevier	14 February 2025	978-0-443-28836-4



14	Amit B. Page* and Prafull Shinde	Unravelling the Melanoma Maze: Biomarkers, Diagnosis, and Future Perspectives in Skin Cancer Management	Advancements in Cancer Research: Exploring Diagnostics and Therapeutic Breakthroughs	Bentham Science	01 March 2025	978-981-5305-91-3
15	Amit B. Page* and Prafull Shinde	Targeting Transforming Growth Factor-beta Receptor (TGF-βR) with Transethosomes : Novel Strategies for Targeted Skin Cancer Treatment	Advancements in Cancer Research: Exploring Diagnostics and Therapeutic Breakthroughs	Bentham Science	01 March 2025	978-981-5305-91-3
16	Mohan Kalaskar, Santosh U Yele, Muniappan Ayyanar, Nilambari Gurav, Vishal Beldar, Sanjay J Surana	Methods of Extraction	Pharmacognosy and Phytochemistry: Principles, Techniques, and Clinical Applications	John Wiley & Sons, Inc.	13 March 2025	978-1-394-20366-6
17	Rushikesh P Said, Jineetkumar B Gawad, Mohan Kalaskar, Nilambari Gurav, Vishal Gokul Beldar	Isolation, Fractionation, and Purification of Natural Products	Pharmacognosy and Phytochemistry: Principles, Techniques, and Clinical Applications	John Wiley & Sons, Inc.	13 March 2025	978-1-394-20366-6
18	Tanya Joshi, Pushkar Desale, Mahaveer Singh, Vijay Chidrawar, Kamal Shah, Nagendra Singh Chauhan, Renuka Maru, Saurabh Maru	A Comprehensive Account of Preclinical and Clinical Evidence for Treatment of Neurodegenerative Disorders	Natural Scaffolds for Prevention and Treatment of Neurodegenerative Disorders	Taylor and Francis	01 March 2025	
19	Rajiv Dahiya, Sunita Dahiya, Mudasir Maqbool, Zulfkar Qadrie, Md Sadique Hussain, Neelam Singla, Sarita Rawat, Mahaveer Singh, Ayeh Bani Saeid, Gaurav Gupta	Organic pollutants and the GUT Microbiome	Gut Microbiome and Environmental Toxicants	CRC Press	01 March 2025	
20	Aditya Walia, Nidhi Rani, Vishnu Mittal, Junaid Tantray, Mahaveer Singh and Arsh Chanana	Boosting Your Defence: The Role of Phenolics in Cancer Prevention	Nature's Arsenal Against Cancer: Harnessing the Power of Natural Compounds for Treatment and Prevention	Nova Science publisher	01 Dec. 2024	



21	Joshi, T., Desale, P., Singh, M., Chidrawar, V., Shah, K., Chauhan, N.S., Maru, R., Maru, S.	St. John's Wort: A Comprehensive Account of Preclinical and Clinical Evidence for Treatment of Neurodegenerative Disorders	Natural Scaffolds for Prevention and Treatment of Neurodegenerative Disorders	CRC Press, Boca Raton	28-Mar-25	
22	Kamat, S., Maru, R., Shirsath, V., Kumar Prajapati, M., Pandit, A., Shah, K., Singh Chauhan, N., Maru, S.	Shankhpushi: A Promising Remedy for Neurodegenerative Disorders	Natural Scaffolds for Prevention and Treatment of Neurodegenerative Disorders	CRC Press, Boca Raton	28-Mar-25	
23	Thakur, V., Dwivedi, S., Mary Chandy, S., Maru, R., Shah, K., Singh Chauhan, N., Khabiya, R., Maru, S	Phytochemicals for the Treatment of CNS Disorders	Natural Scaffolds for Prevention and Treatment of Neurodegenerative Disorders	CRC Press, Boca Raton	28-Mar-25	
24	Author: Suraj R. Chaudhari, Shashikant B. Bagade, Sonali V. Chaudhari, Atul A. Shirkhedkar	Chapter: A Brief on Analytical and Characterization Techniques for Evaluation of Pharmaceutical Cocrystals	Cocrystals in Pharmaceutical Sciences: Design to Applications Editor(s): Inderbir Singh, Subrata Mallick, Ritu Rathi	© 2025 Scrivener Publishing LLC Print ISBN: 9781394302475 Online ISBN: 9781394302505 DOI: 10.1002/9781394302505	Publisher: John Wiley and Sons Date: Mar 29, 2025	
25	Sahal, V., Barik, R., Singh, M., Sugunan, S., Alavala, R.R., Rao G., S.N.K.	Computational Fluid Dynamics-the Revolutionary Innovative Methodology in the Pharmaceutical Industry	Computational Fluid Dynamics-the Revolutionary Innovative Methodology in the Pharmaceutical Industry	Sahal, V., Barik, R., Singh, M., Sugunan, S., Alavala, R.R., Rao G., S.N.K.		
26	Ashwini Kumar Mishra, Mukesh Pandey, Ganesh Dane, Ankit Jain, Nishi Mody, Pravat Kumar Sahoo, S.L. Neha	Characterization of 2D Nanomaterials using Spectroscopic and Microscopic Approaches (https://doi.org/10.1002/9781394200375.ch4)	Two-Dimensional Nanomaterials for Biosensing and Imaging Applications	Wiley Scrivener Publishing LLC.	02-Jun-25	

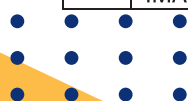




27	Rajesh Singh, Rahul Maurya, Ashwini Kumar Mishra, Bhumika Kumar, Huma Shafi, Vijay Kumar, Chandrashekhar Y Jagtap	Biocomposite Nanomaterials for Sustainable Environment (https://doi.org/10.1201/9781003484189)	Nanomaterials in Environmental Remediation: Developments and Challenges	CRC Press	May 29, 2025	
28	Ashwini Kumar Mishra, Rahul Maurya, Chandrashekhar Y Jagtap, Rajesh Singh, Vijay Kumar	Current Status and Future Prospects of Application of Engineered Nanomaterials (https://doi.org/10.1201/9781003484189)	Nanomaterials in Environmental Remediation: Developments and Challenges	CRC Press	May 29, 2025	
29	Shilpa Dawre Mahendra Kumar Prajapati Ganesh Shevalkar	Advantages and Challenges of Viral Vector Vaccines	Viral Vectors for Vaccine Delivery	John Wiley & Sons, Inc	23-May-25	

Patents

Sr. No.	Patent Details	Patent Status Published / Filed / granted	Patent Number & country	Inventors Involved	Published (Date)	If Granted (Date)
1	Actophotometer Compatible With Smartphone For Locomotor Activity Measurement	Granted	411868-001, India	Vishal Gokul Beldar (+7)		2nd May 2024
2	Laboratory Pole Climbing Apparatus	Granted	416277-001, India	Vishal Gokul Beldar (+6)		13 th June 2024
3	"Biologically degradable nanoparticles loaded with methotrexate for controlled drug release in rheumatoid arthritis"	Published	202024103210 ,Germany	Dr. Ashwani Mishra	1st July 2024	
4	Digital Rotarod System With Integrated Video Analysis And Data Portability	Granted	417195-001, India	Dr. Vishal Gokul Beldar (+6)		4 th July 2024
5	Manual TLC Sample Applicator Cum TLC Plate Cutter	Granted	416742-001, India	Dr. Vishal Gokul Beldar (+7)		4 th July 2024
6	Modified Reagent Dispenser Device For Thin Layer Chromatography	Granted	414364-001, India	Dr. Vishal Gokul Beldar (+5)		10 th July 2024
7	Silylation of castor oil for the pharmaceutical use	Granted	545678	Dr. Devendra Kumar		25 th July 2024
8	HERBARIUM PRESS	Granted	428137-001, India	Dr. Vishal Gokul Beldar (+7)		07-10-2024
9	A METHOD OF FORMATION OF CHITOSANBASED POLYMERIC SILVER NANOURCHIN (NU) OF IMATINIB MESYLATE	Granted	554951, India	Sankha Bhattacharya		25-11-2024



10	a Method for Designing and Synthesizing Compounds Exhibiting DPP-IV Inhibitory Potential	Granted	2024/03309, Republic of South Africa	Piyush Ghode, Sanmati Kumar Jain, Yogesh Vaishnav		27th November 2024
11	A method for the formulating TPGS Coated and human serum albumin (HSA) conjugated chitosan nanoparticles of Bosutinib for colon targeting application	Granted	Patent number: 558349 India	Dr.Sankha Bhattacharya , Ms. Laxmi Manthalkar		21-01-2025
12	A method for the formulating TPGS Coated and human serum albumin (HSA) conjugated chitosan nanoparticles of Bosutinib for colon targeting application	Granted	Patent number: 558349 India	Dr.Sankha Bhattacharya, Ms. Laxmi Manthalkar		21-01-2025

Research Grants

Sr. No.	Faculty name	Nature of the Project Major / Minor / etc.	Name of the Project	Duration of the Project	Name of the Funding agency	Date of sanction	Total Grant Sanctioned (Rs)	Amount received during the year (Rs)	Project completed / in progress
1	Dr. Dhrubojyoti Mukherjee	Major	Extramural Ad-hoc Research Project in the area of Oral Health by Indian Council of Medical Research (ICMR)	36 months (3 Years)	ICMR	15.02.2024	INR 27 Lakhs	INR 11,19,627	In progress
2	Dr. Devendra Kumar	Major	Development of multitargeted adamantyl analogous for the treatment of Alzheimer's disease	3 yr	ICMR	Dec.22, 2023	39,44,085	9,92,376	Progress
3	Dr. Devendra Kumar	Major	Synthesis and formulation of novel polymer-based drug eluting stents coating for extended-release	3 yr	RGSTC-Mumbai	March 24, 2025	42,14,240	NA	Progress

Faculty Recognition / Awards:

Sr. No.	Name of Faculty & Designation	Name of Award	Details of Award	Name of Organisation conferring the award	Date & Place	Level of Award (State / National / International)
1	Dr. Ashwani Mishra	The Galen" Magazine	Won second position for article published in "The Galen" Magazine. The title of the Article was "Novel protein targets of different parasites for computational research".	The Galen" Magazine	25.07.2024	National
2	Dr. Sankha Bhattacharya	Best Research Output	Best Research Output of the Year 2023-2024 award from NMIMS Shirpur	NMIMS Shirpur	31.08.2024	College Level
3	Dr. Mayank Sharma	Teaching Excellence Award	Teaching Excellence Award of the Year 2023-2024 award from NMIMS Shirpur	NMIMS Shirpur	31.08.2024	College Level
4	Dr. Payal Dande	Best Paper Award	first position and received Best Paper Award in the Oral category of Scientific Paper Presentation at 27th Annual National Convention, APTICON 2024	Utkal University Bhubaneswar	27.09.2024	National
5	Dr. Saurabh Maru	Gufic Prize	Won the prestigious "Gufic Prize" conferred by the Indian Pharmacological Society (IPS) at the International Pharmacology Conference-IPSCON 2024 organized by IPS and the International Union of Basic and Clinical Pharmacology (IUPHAR) at AIIMS, New Delhi	International Union of Basic and Clinical Pharmacology (IUPHAR) at AIIMS, New Delhi	30.11.2024	International
6	Dr. Sanka Krishna	NPTEL Believer Award	Recognized as NPTEL Believer for presence in 4/5/6 exams, passing at least 4	NPTEL – IIT Madras, Government/Recognized Body	Jul-Dec 2024, IIT Madras	National
7	Dr. Vishal Beldar	SFE Young Ethnopharmacologist Award - 2025	SFE Young Ethnopharmacologist Award - 2025 for oral presentation on titled "From Roots to Pure Product: Development of Technology for Purpurin Extraction from Madder Root."	International Conference on "Innovations in Drug Technology & Phytopharmaceuticals" and the "12th International Congress of the Society for Ethnopharmacology" on the theme "Ethnopharmacology: Integrating Traditional Health Practices and Contemporary Medical Science," held at KLE College of Pharmacy, Belagavi, from March 6-8, 2025.	March 6-8, 2025, Belagavi, Karnataka, India	International



Important activities and achievements: 10

1. **Academic, co-curricular and extra-curricular activities:** Faculty promoted students to utilize the time in their all-round development through undertaking online courses or webinars. Every month a record of activities undertaken by students were kept a track through feedback form. Few students attended training programs and workshops.
2. **Outstanding achievements by the students, staff and teachers:**
 1. **Dr. Ashwani Mishra**, won second position for article published in "The Galen" Magazine. The title of the Article was "Novel protein targets of different parasites for computational research".
 2. **Dr. Sankha Bhattacharya**, Associate Professor and Section Head, Pharmaceutics, School of Pharmacy and Technology Management, Shirpur Campus, has been honored with Best Research Output of the Year 2023-2024 award from NMIMS Deemed-to-be-University on 31st August, 2024 during Convocation Ceremony held at Mukesh Patel Technology Park, Shirpur.
 3. **Dr. Mayank Sharma**, Assistant Professor, received the **Teaching Excellence Award for the year 2023-2024** at the Convocation Ceremony, held on 31st August 2024 at the MPTP Shirpur campus.
 4. **Best Research Output Award** for the same year. **Dr. Dhrubojyoti Mukherjee** and **Dr. Devendra Kumar** received **Appreciation Certificates** for securing research grants, and the **Best Staff Award** was presented to **Mr. Mahesh Patil**.
 5. **Dr. Payal Dande** bagged first position and received **Best Paper Award** in the Oral category of Scientific Paper Presentation at 27th Annual National Convention, APTICON 2024 with the theme held at Utkal University Bhubaneswar on 27th and 28th September 2024.
 6. **Mr. Prashik Mahajan** (B. Pharm IV Year) and **Ms. Megha Jha** (M. Pharm II Year) are the winners of the Best Pharmacy Student Award.
 7. **Ms. Priyal Desai** (1st), **Ms. Varsha Kumari** (2nd), and **Mr. Nikhil Musale** (3rd) are the winners of elocution competition.
 8. **Ms. Shruti Jadhav** (1st), **Ms. Priyal Desai** (2nd), and **Ms. Nileshwari Chaudhari** (3rd) are the winner of the pharma quiz on topics like cGMP and drug abuse prevention.
 9. **Mr. Saurabh Maru** Won the prestigious "Gufic Prize" conferred by the Indian Pharmacological Society (IPS) at the International Pharmacology Conference-IPSCON 2024 organized by IPS and the International Union of Basic and Clinical Pharmacology (IUPHAR) at AIIMS, New Delhi, from November 28-30, 2024. The research paper was authored by Mr. Saurabh Maru and Dr. Sateesh Belemkar and presented by Mr. Saurabh Maru
10. **Dr. Payal Dande** is nominated as the Convener of APTI Maharashtra Women's forum and organized three workshops for the Online FDP titled "Empowering Academic Research: A workshop Series on Referencing and Research writing" as a Convener.





Research:

School Name	No. of Publications by faculties	Book Chapters Published	FDPs Conducted	Patents	Govt. grants Received:
SPTM Shirpur	67	30	11	Patents: 11 Granted and 14 Filed	1 (worth INR. 42.14 Lakhs)

c) Co-curricular Activities:

Sr. No.	Title of the activity	Date of the event
1	Guest Lecture on "Ways to crack GPAT & NIPER"	13-07-2024
2	Alumni interaction Session	20.07.2024
3	Workshop on "Workplace- Etiquettes & Mastering Professional Behaviour"	05.07.2024
4	Workshop "Intellectual Property Rights"	15.07.2024
5	Workshop on "Work-Life Balance"	06.07.2024
6	Convocation 2024	31.08.2024
7	SPTM AlmaCohesion	10 & 11.08.2024
8	Hands on Workshop on "Empirical Application of Text Analytics in Research Plan Refining and Patenting using Python-Based Computational Tools"	31.08.2024
9	Inauguration of the Center of Excellence in Molecular Biology and Genetics	30.08.2024
10	Hands-on workshop on "Empirical Application of Text Analytics in Patenting using Python-Based Computational Tools"	10.09.2024
11	Two-day workshop on IPR	14 & 15.09.2024
12	Interactive session on "THE ART OF SAYING NO... HANDLING PEER PRESSURE WITH CONFIDANCE"	21.09.2024
13	Workshop on HPTLC Technique and Its Applications	5,6,7.10.2024
14	Two-day Workshop on "Animal handling, Route of drug administration and blood withdrawal techniques"	10 & 11.10.2024
15	Fire Safety Training	28.10.2024
16	Alumni Expert Talk	09.11.2024
17	VISTAAR- The Pharmacy Tech Fest	7 & 8.02.2025





International Conference on Next Generation Technologies for Sustainable Development

(ICNGT-2025): SVKM's NMIMS Shirpur Campus successfully hosted the International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025) on March 28–29, 2025. The event was graced by Shri Rajgopal Bhandari, Campus Mentor, and Mrs. Rita Patel, In-charge of the Campus. Joining virtually, Hon'ble Vice-Chancellor Dr. Ramesh Bhat, along with Pro Vice-Chancellors Dr. Sharad Mhaishkar and Dr. Meena Chintamaneni, extended their warm wishes and appreciation for the conference. The conference was inaugurated by Dr. Sunita R. Patil, Director of the Shirpur Campus and Chairperson of the conference, who set the tone with an insightful briefing. The Chief Guest, Dr. Deepak Talwar, Chief AI & Cyber Security Officer at Asteria Visions, Singapore, delivered the keynote on “AI and Human Symbiosis for a Fair and Empowering Technological Future.”

Subsequent sessions featured distinguished speakers:

- Dr. Ashok Kadlag, Principal Scientist at Vasantdada Sugar Institute, Pune, addressed critical agricultural challenges like climate change, water scarcity, pest infestations, and market volatility.
- Dr. Javed Shaikh, Professor at IIT Delhi, spoke on “Sustainable Development of Protective Textiles Using Functional Dyes and Auxiliaries,” focusing on mosquito-repellent apparel.
- Dr. Harmit Singh, Chair of Nutrition and Food Science at Calpoly University, USA, delivered a virtual talk on “The Future of Sustainable Agriculture in the US and Its Relevance to India.”
- Dr. Sudarshan Singh, Frontier Proactive Researcher at Chiang Mai University, Thailand, presented innovative therapeutic applications of vesicle-based curcumin metabolites.
- Dr. Vandana Patravale, Professor of Pharmaceuticals at ICT, Mumbai, discussed “Non-Invasive Strategies for Peptide Delivery.”
- Dr. Sudhamsh Reddy, AI/ML expert at Qlik, USA, spoke on “Autonomous AI Agents for Environmental Monitoring and Resource Optimization.”

The conference witnessed over 270 registrations and 160 research presentations across eight interdisciplinary tracks aligned with sustainable development goals. After a rigorous review, 44 full-length manuscripts were selected for publication in the Taylor & Francis proceedings. Dr. Shyam Sunder Pancholi, Conference Convenor, emphasised the importance of collaborative research in driving sustainable innovations. The event also recognised the best paper in each track, with participants lauding the conference's high academic standards and interdisciplinary approach. ICNGT-2025 has paved the way for enhanced collaborative research and innovation activities at Shirpur Campus, reinforcing its commitment to sustainable development.

New initiatives taken during the year

Out of Class Academic Collaboration (OCAC)

- A great deal of research already tells us that students can learn better in class when peer interaction is one of the ways they learn.
- OCAC involves students meeting outside of class to enhance the learning they are doing inside of class. It recognizes that "The student's peer group is the single most potent source of influence on growth and development during the undergraduate years.



SPTM GLIMPSES OF ACADEMIC YEAR



SCHOOL OF AGRICULTURAL SCIENCES & TECHNOLOGY



Dr. Indrachand Chavan
Associate Dean
B.Sc M.Sc Ph.D



Dr. Indra Raj Singh
Associate Dean & Associate
Professor
B.Sc M.Sc Ph.D



Dr. T. Krishna Chaitanya
Assistant Professor
(Agricultural Entomology)
B.Sc. M.Sc. Ph.D.



Dr. Mohammad Faisal
Assistant Professor
(Plant Pathology)
B.Sc. M.Sc. Ph.D.



Dr. Nithin K.N.
Assistant Professor
(Agricultural Economics)
B.Sc. MBA Ph.D



Dr. Mallikarjun Dhotre
Assistant Professor
(Horticulture)
B.Sc. M.Sc. Ph.D.



Dr. Ramesh Kolluru
Assistant Professor
(Agricultural Statistics)
B.Sc. M.Sc. Ph.D.



Dr. Nitin Baban Misal
Assistant Professor
(Soil Science & Agricultural
Chemistry)
B.Sc. M.Sc. Ph.D.



Dr. Varun D Shende
Assistant Professor
(Genetics & Plant Breeding)
B.Sc. M.Sc. Ph.D.



Dr. Mahesh Chaudhari
Assistant Professor
M.Sc. Ph.D.



Dr. Rajap Shiva Kumar
Assistant Professor
M.Sc. Ph.D.



Dr. Ashish Bankar
Assistant Professor
M.Sc. Ph.D.



Dr. Vijay Mahore
Assistant Professor
B.Tech., M.Tech., Ph.D



Mr. Vinod Kumar Rathod
Farm Manager
M.Sc. (Agri)



Mr. Sanjay Waychal
Coordinator Academic
Diploma in Pharmacy



Mr. Atul Sudharkar Jadhav
Supervisor
B.Sc., B.Ed.



Mr. Mahesh Suryawanshi
Field Assistant
Diploma Agriculture
M.A. B.Ed.



Mr. Shaikh Imran Khatik
Assistant Academic Administration
B.A.





New initiatives during 2024-2025

1. Essential documentation for the Second Division was successfully submitted to the Maharashtra Council of Agricultural Education and Research (MCAER), fulfilling an important academic requirement.
2. The vibrant and energetic annual sports extravaganza, *KRIDESTA- 2025*, was organized with great enthusiasm from January 03–13, 2025. The event witnessed spirited participation from B.Sc. (Hons.) Agriculture students, encouraging sportsmanship and unity.
3. A transformative student study tour under the *Rural Agricultural Work Experience (RAWES)* programme was conducted from December 26–29, 2024. During this insightful academic-industrial visit, third-year students explored esteemed institutes such as the National Research Centre for Grapes, the Directorate of Floricultural Research, the National Institute of Abiotic Stress Management, KVK Baramati, and BAIF to deepen their practical understanding of agri-sciences.
4. A unique collaborative project with the World Wide Fund (WWF) has commenced, bringing together students from Agriculture and Pharmacy in an interdisciplinary platform to address environmental and sustainability challenges innovatively.
5. The School is actively working towards establishing a National Service Scheme (NSS) unit at the Tardi campus, aiming to instill civic responsibility and community engagement among students.
6. The School of Agricultural Sciences and Technology's farm has once again showcased its productive strength with crops like bajra, maize, chickpea, and sorghum yielding a collective market value of approximately ₹7 lakhs at APMC, Shirpur — a testament to efficient and sustainable farming practices.
7. Faculty members from the School continue to contribute actively to the Institution's Innovation Council (IIC), nurturing a culture of ideation, innovation, and entrepreneurship within the academic ecosystem.

Academic activities:

1. During the academic year 2024–25, the faculty achieved commendable milestones in research and professional development. A total of 8 research articles, 2 books and 6 book chapters were published, reflecting the team's scholarly engagement and contribution to the academic community. In addition, faculty members actively participated in 18 Faculty Development Programs and 29 academic events, which included conferences, seminars, workshops, and webinars—fostering continuous learning and collaboration.

Notably, a significant innovation was accomplished with the granting of a patent in January 2025. One of our faculty members received a patent for an inventive solution titled “*Chemical-free Storage cum Selling Device for Enhanced Shelf Life of Fruits and Vegetables.*” This breakthrough exemplifies the faculty's commitment to sustainable and practical agricultural solutions, bridging scientific innovation with real-world application.

Research articles	Books	Book chapters	FDPs	Conference/Seminar / workshop / webinar	Patents Published
8	2	6	18	29	1





Achievements:

- Dr. Mahesh Chaudhary, successfully completed a consultancy project of Rs. 26000 on Veterinary service for dairy animals of livestock farm and Modernisation and expansion of livestock farm for Gir and Holstein Friesian cattle for Bhadvad Dudh Utpadak Association.
- Dr. Krishna Chaitanya, was awarded an international fellowship by the Royal Entomological Society (RES) on 20th August 2024 in the United Kingdom, acknowledging his contributions to entomological research.
- Dr. Ashish H. Bankar received the Young Scientist Award at the national level from the Institute of Researcher during a ceremony held on 24th September 2024 in Wayanad, Kerala.
- Dr. Mahesh Chaudhari was honored with the Young Scientist Award at the national level by the Society of Agriculture & Biological Sciences Research during their conference held in Dehradun on 21st–22nd November 2024.
- Dr. Rajap Shiva Kumar received the Best Oral Presentation Award under Track IV (Agricultural Sciences) at the International Conference on Next-Gen Technologies (ICNGT-2025) organized by SVKM's NMIMS on 28th–29th March 2025 at MPTP, Shirpur campus, marking an international-level achievement.

Co-curricular activities:

1. Celebrated National Women's Day on 08.03.2025 at Tardi campus.
2. Conducted a farmer training program on papaya cultivation with industry experts.
3. Held farmer interactive sessions on various agricultural aspects.
4. Soil and water sample testing conducted by Year 4 students during their RAWI training for farmers in Shirpur Taluka.
5. Coordinated outreach activities including farmer training and scientific-farmer interaction programs by academic staff and students.
6. Organised an industrial visit for students to Vasudhara Dairy, Dhule Unit, MIDC, Dhule, Maharashtra.
7. Conducted a farmer-scientist interaction at Thalner.
8. Faculty members contributed to various committees for the International Conference on Next-Gen Technologies (ICGNT-2025) at SVKM's NMIMS, MPTP, Shirpur.
9. Organised an industry visit to APMC, Shirpur, and Maharashtra State Warehousing Corporation as part of the Agricultural Marketing, Trade and Prices course on 20.01.2025.
10. Demonstrated vermicompost technology to farmers as part of RAWI outreach activities.
11. Organised an apiculture visit for 3rd year, 6th semester students in collaboration with SAST.

Extra-curricular activities:

- Deeksha Arambh- An induction programme was organised for Year 1 students.
- Generated database of companies for placement with the help of Placecom.
- The School of Agricultural Sciences and Technology (SAST) successfully hosted its annual sports fest, KRIDESTA 2025, from January 3 to January 13, 2025 for the students of B.Sc. (Hons.) Agriculture
- On October 8, 2024 a team of faculty from SAST conducted a visit to Grishma Mushrooms, a mushroom production unit located in Shahada, Nandurbar district, Maharashtra. This visit was part of a business consultancy initiative for Mr. Chetan Mali, an alumnus of the college who graduated in 2023



Publications:

Sr. No.	Journal Name	Publisher	ISSN No., Volume, Page No.	Date of Publishing	Impact Factor (as per Clarivate Analytics)	Scopus indexed	Web of Science indexed	UGC indexed
1	Journal of Biological control	NBAII	2230-7281; 38(3): 316-328	21-08-2024		0.5		
2	Journal of Scientific Research and Reports	Science domain International	30(10): 756-769	14-10-2024				
3	Environment and Ecology		ISSN 0970-0420, 42 (2B) : 855—859	3-6-2024				yes
4	PLANT SCIENCE TODAY	HORIZON	ISSN 2348-1900 (online) Vol 11(3): 753-757	29/08/2024	0.7	Yes	Yes	Yes
5	Asian Journal of Agricultural Extension, Economics & Sociology		2320-7027, 43 (2): 83-88	6-2-2025				
6	Ecology, Environment and Conservation	EM International	0971-765X, 31 (February Suppl. Issue) : 2025; pp. (S330-S333)	Feb-25		Yes	Yes	Yes
7	Plant Cell Biotechnology and Molecular Biology	IK.Press	ISSN: 0972-2025(11-12) 107-123.	Oct. 2024				
8	Indian Journal of Animal Research	Agricultural Research Communication Centre	Print ISSN 0367-6722; Online ISSN 0976-0555	Sept. 2024	0.4	Yes	Yes	Yes
9	Ecology, Environment and Conservation	EM International	0971 - 765 X, 31 (April Suppl. Issue) : 2025; pp. (S335-S338)	Apr-25		Yes	Yes	Yes
10	PLANT SCIENCE TODAY	HORIZON	ISSN 2348-1900 (online) Vol 11(3): 753-757	Apr-25	0.7	Yes	Yes	Yes

Conference Presentations:

Name of the authors	Presenting author	Title of the Paper	Name of the conference	Organising body	Date of publication	Venue of the conference
Nithin K. N.	Nithin K. N.	Application of Blockchain technology for Sustainable Agribusiness	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, Shirpur	28-03-2025	MPTP Campus, Shirpur
Ramesh Kolluru, Pankaj Nerkar, Rahul Raut, Satyajeet Jadhwar, Atul Patil	Pankaj Nerkar	Quantitative Assessment of Medical Device Recall: A Three-Year Perspective on Cause and Consequences	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, Shirpur	28-03-2025	MPTP Campus, Shirpur
Bankar A.H., Omender Sangwan and K. S. Nirania	Bankar A. H.	Genetic diversity analysis among fifteen genotypes of American cotton (<i>Gossypium hirsutum</i> L.)		Shri Vaishnav Institute of Agriculture, SVVV, Indore (M.P.)	19-20 September, 2024	Shri Vaishnav Institute of Agriculture, SVVV, Indore (M.P.)
Bankar A. H., Gurav N. P. Varun Shende and Rajap Shiva Kumar		CRISPR/Cas9 mediated Crop improvement and Disease resistance for Sustainable Agriculture	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, Shirpur	28-03-2025	MPTP Campus, Shirpur
Nitin Misal, Indra Raj Singh and Rajap Shiva Kumar	Nitin Misal	The Soil nutrient status of Shirpur taluka of Dhule district, Maharashtra	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, Shirpur	28-03-2025	MPTP Campus, Shirpur
Mahesh Vishwas Chaudhari, Krishna Pawar, Karan Patil, Nakul Chaudhari, Rajap Shiva Kumar and Vinodkumar Mayaram Rathod	Krishna Pawar	Random tests of milk sold by vendors in local market - Pilot study	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, Shirpur	28-03-2025	MPTP Campus, Shirpur
Rajap Shiva Kumar, Krishna Chaitanya Tirunagaru, Nitin Misal, Kallanagouda Patil, Ashish Bankar, Mahesh Chaudhari, Indra Raj Singh and Vinod Kumar Rathod	Rajap Shiva Kumar	Machine learning for sustainable agriculture	International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)	SPTM, Shirpur	28-03-2025	MPTP Campus, Shirpur

Books Published:

Sr. No.	Name of the author/s	Title of the book	Name of the Publisher	Date of publication	ISBN No
1	Krishna Chaitanya Tirunagaru., Arshad Ali., Kennedy Ningthoujam., Anup Chandra., Mahesh Pathak and Rojeet Thangjam	Molecular Entomology	Emerald Publishing House Publishers	2024	9789395345361
2	Anu Naruka, Walunjkar, B.C. and Ashish H. Bankar.	Advances in crop Genetics and Breeding Techniques	Golden leaf publishers	2024	978-81-19906- 58-1

Book Chapters Published:

Sr. No.	Name of the author/s	Name of the Chapter	Name of the book	Name of Publisher	Date of publication	ISBN No.
1	Krishna Chaitanya T., Suseelendra Desai and Indra Raj Singh	Nano Technological Approaches for the Management of Stored Insect-Pests: Present Scenario and Future Prospects.	Sustainable development goals towards environmental toxicity and green	Springer Nature Publisher, Switzerland,	2025	978-3-031-77326- 6
2	Mallikarjun Dhotre, K. N. Nithin, Ramesh Kolluru and Suseelendra Desai	Recurring Onion and Tomato Crises in India: A Critical Analysis and Future Perspectives	Emerging Trends in Food and Agribusiness Marketing	IGI Global Scientific Publishing, Hershey, Pennsylvania, USA	2025	9798369367155.00
3	K. V. Patil, Rajap Shivakumar and Krishna Chaitanya Tirungaru	Sustainable Management and Conservation of Natural Resources	Futuristic Trends in Agriculture and Allied Sciences Vol. 2	Dr. Yuvraj Arjun Shinde	30-06- 2024	978-93-340-6651- 7
4	Rajap Shivakumar, K. V. Patil and Krishna Chaitanya Tirungaru	Lifeline to Polluted Drain: Tracing the Decline of the Musi River and its Environmental Impact	Futuristic Trends in Agriculture and Allied Sciences Vol. 2	Dr. Yuvraj Arjun Shinde	30-06- 2024	978-93-340-6651- 7
5	Nithin K. N., A.R. Shravanthi, and Dubey L R	Building Sustainable Agribusiness through Agri-Food Value Chains in India	Innovations and Practices for Sustainable Agriculture and Agri- Food System	Elite Publishing House	2025	978-93-5899-968- 6
6	Pavin A. K., A.R. Shravanthi, Nithin K. N.	Sustainable Packaging Solutions in Agribusiness.	Innovations and Practices for Sustainable Agriculture and Agri- Food System	Elite Publishing House	2025	978-93-5899-968- 6

Faculty Awards / Achievements:

Sr. No.	Name of Faculty & Designation	Name of Award	Details of Award	Name of Organisation conferring the award	Date & Place
1	Krishna Chaitanya Tirunagaru, Assistant Professor	Fellowship	Awarded a fellowship by the Royal Entomological Society (RES)	Royal Entomological Society (RES)	United Kingdom, on 20 th August 2024
2	Dr. Ashish H. Bankar	Young Scientist Award		Institute of Researcher,	Wayanad, Kerala 24 th September 2024
3	Dr Mahesh Chaudhari	Young Scientist Award		Society of Agriculture & Biological Sciences Research	Dehradun, November 21-22, 2024
4	Dr. Rajap Shiva Kumar	Best Oral Presentation award	Best oral presentation under Track IV (Agricultural Sciences) in ICNGT-2025, Shirpur	SVKM's NMIMS (ICNGT 2025)	28-29 March, 2025 & SVKM's NMIMS, MPTP, Shirpur campus

SAST GLIMPSES OF ACADEMIC YEAR



CENTRE FOR TEXTILE FUNCTIONS



Dr. Vijay S. Shivankar
In-charge Associate Dean
B. Text. M.Tech Ph.D.
(Textile Fiber)



Mr. Rajendranath Parsi
Assistant Professor
B.Tech. (Textile Technology)



Mr. Tushar Patil
Assistant Professor
Pursuing M.Tech,
B. E. (Textile)



Mrs. Pranjali W. Chandurkar
Assistant Professor
Pursuing M.Tech,
B.E. (Textile Engineering)



Dr. Tushar Anil Shinde
Assistant Professor
Advanced Diploma in Textile
M.Sc. (Organic Chemistry) Ph.D



Mr. Sujit Gulhane
Assistant Professor
B.E. (Textile Engg)
M.E. (Textile Engg) Ph. D.



Mr. Prafull P. Kolte
Assistant Professor
M.E. (Textile Technology)
Ph. D. Pursuing



Mr. Ranjit N. Turukmane
Assistant Professor
B.E. (Textile) M.Tech (Textile)
Ph. D. Pursuing



Mr. Amarjeet M. Daberao
Assistant Professor
B.Text. (Textile Technology)
M..Text. (Textile Technology)
Ph. D.



Mr. Rupesh Gujarathi
Coordinator
M.Sc.



Mr. Sambhaji Ramesh Patil
Jr. Library Assistant
M.Lib. & I.SC.



Mr. Vishal Patil
Lab Attendant
HSC

Sr. No.	Name of NMIMS Authors (and Number)	Title Of Paper	Journal Name	Publisher	ISSN No., Volume, Page No.	Date of Publishing	Impact Factor (as per Clarivate Analytics)	Scopus indexed S/NS
1	Ranjit Turukmane & Amarjeet Daberao	Analysis of machine stoppages for minimizing machine downtime in Draw Texturising	MAN-MADE FIBERS INTERNATIONAL	DFDV Germany	2940-3146, Vol 74(2), 32-33	45474	NA	N
2	Ranjit Turukmane & Amarjeet Daberao	Preservation of stacked onion self-life by mechanically modified Jute-PP bags	Man Made Textiles In India	SASMIRA	ISSN 0377-7537 52(8):318-321	45505	NA	S
3	Ranjit Turukmane & Amarjeet Daberao	Relationship between weave structures, weight, and water absorbency in PET fabrics	Mellian Internatioinal	DFDV Media Germany	0947-9163, 30(4):44-45	45505	NA	S
4	Ranjit Turukmane & Amarjeet Daberao	Okra Fiber An eco-friendly alternative	Asian Textile Journal	ATJ Bombay	0971-3425, 33(10-11):40-41	45627	NA	S
5	Prafull P. Kolte and Dr. Vijay S. Shivankar	Some Studies on Abelmoschus Esculentus (Indian Okra) Fiber Characteristics"	Journal of Materials Science: Materials in Engineering	Springer Verlag	09317058, Vol. 19:39, (2024)	45597	3.1	S
6	Prafull P. Kolte, Sujit S. Gulhane, Dr. Arup Rashit	Denim Fabric: Market Overview, Yarn Requirement and Denim Recycling"	Spinning Textiles	Mr. Yogesh Jog	Vol. 18(5), 2024, 32-37.	Sept-Oct 2024	NA	NS
7	Gulhane, S.S., Shivankar, V.S. (02)	Enhancing Fabric Moisture Management Assessment Through Advanced Image Analysis	Fibers and Polymers	Springer Nature	Online ISSN 1875-0052 Print ISSN 1229-9197 Volume 26, Issue 6,	45784	2.2	S
8	Ranjit Turukmane, Vijay Shivankar	Review on a greener future using new sustainable natural fibres changing the textile landscape	Man made Textile in India	SASMIRA	ISSN. 03777537, Vol- 53, Issue - 5, Page no - 181-184	45778	NA	S



Highlight and new initiatives during the year 2024-25

Strengthening Industry-Institute Collaboration:

- Continued implementation of MoUs with leading textile industries such as Welspun India Ltd., A.T.E. Enterprises Pvt. Ltd., Priyadarshini Sahakari Sootgirani Ltd., Deesan Ltd., Dweta Garments, and Siddhipriya Eco Textile Park Ltd.
- Students underwent six months of industrial training, aligning with the "Work and Learn" model.
- Industry-sponsored scholarships were extended, by Mr. Updeep Singh (Welspun), supporting girl students financially based on academic performance and attendance.
- Technical Appraisal Reports and DPR preparation for cluster development projects at Siddhipriya Eco Textile Park, Indomati Textiles, and Mahacot Weavers Association.
- Soft Intervention Training Programs at Uparne Cluster (Nashik) and STRA (Shirpur).
- Curriculum Development and Academic Reforms:
- Introduced industry-relevant and interdisciplinary subjects like: Introduction to Artificial Intelligence, Machine Learning & application in Textile.

Academic, Co-curricular and extra-curricular activities, including Outstanding achievement by the students, Staff and teachers. Meritorious achievements by students in board/University Examination,

1. In academic activity we have celebrated the event "UDAAN- An intra-institutional competition to encourage innovation and entrepreneurship through pitching ideas, showcasing prototypes, and displaying functional models" was held offline from 21 October – 24 October 2024, organised at Centre for Textile Functions, Shirpur Campus. This event is targeted to inspire and motivate students to expand their expertise and establish a new business idea. It helped students to strengthen their entrepreneurial abilities. The emerging innovators and entrepreneurs from a range of age groups and institutions were able to highlight their pitching ideas, prototypes, and displaying models at this event. The fundamental objective was to gather and organise innovative ideas from intra-institutional students to present and establish an innovative business model. This event received an overwhelmingly positive response from institutions, with 54 teams and 129 participants, including 117 outside participants.
2. We have been hosting the 2024 National Pollution Control Day: Tree Plantation event. The institution's Innovation Council program was started by the Ministry of Education in collaboration with AICTE. On December 2nd, 2024, National Pollution Control Day, the Centre for Textile Functions Shirpur Campus was organised a tree-plantation event. The Diploma in Textile Technology (DTT) First Year Class students took an active part in this activity. Plantation were decided on the college grounds, a variety of tree seedlings were planted, including neem, eucalyptus and badam.

Staff Achievements

- **Prof. Sujit Shrikrushnarao Gulhane**, Assistant Professor, completed his **Ph.D. in Engineering**, marking a significant academic and professional milestone.
- Prof. Sujit Gulhane also secured the **First Prize in Paper Presentation** at the **4th International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)** held at **SVKM's NMIMS Deemed to be University, Shirpur Campus, Dhule, Maharashtra, India**. His paper was highly appreciated for its relevance and innovative approach in the field of textile technology and sustainable development.





New initiatives taken during the year:

- Centre for Textile Functions introduced a dynamic new initiative - Skill-Based Learning (SBL) - designed to transform the traditional learning experience. Every Saturday, students dive into immersive, hands-on sessions that bridge the gap between knowledge and real-world application.
- Each faculty member has been scheduled a dedicated 3-hour block—SBL1, SBL2, SBL3, or SBL4—from 9:00 AM to 12:00 Noon. These sessions, assigned through the timetable coordinators, are to be carried out in collaboration with Student Coordinators, ensuring a seamless and engaging learning environment.
- The essence of SBL lies in cultivating real skills for real situations. Instead of focusing solely on theory, students explored learning through interactive experiences, practical challenges, team-based simulations, and project-driven activities. From skill-building games to story-led problem-solving, SBL Saturdays are set to inspire creativity, critical thinking, and career-ready competencies.

CTF GLIMPSES OF ACADEMIC YEAR





Resources

- **Books & Reference Material:**
 - Total Volumes: **35,219**
 - Titles: **5,508**
 - Reference Books: **5,211**
- **Print Journals: 75**
- **E-Resources:**
 - E-Books: **23,375**
 - E-Journals: **6,272**

Financials - Total Cost of Books & Infrastructure: ₹ 2,05,64,631

Utilization

- **Books Issued:** 25,808 (Faculty – 2,065, Students – 23,743)
- **Reference Books Used:** 3,433
- **Library Footfall:** 1,11,202 (Faculty – 2,691, Students – 1,08,511)
- **E-Database Usage:** 5,628 (AY 2024-25)
- **Turnitin Reports Generated:** 89,902 (Students – 86,001, Faculty – 3,901)
- **Grammarly Usage:** 85% (AY 2023-24)

Staff Achievements - Dr. Sima A. Ingole – Awarded Ph.D. in Library & Information Science (April 2025, SNDT Women's University, Mumbai).

Key Initiatives

- Website/Portal of M.P. Central Library
- Student & Faculty Best User Awards
- Display of New Arrivals, TOC of Journals, Newspaper Clippings
- Inter-Library Loan (ILL) facility
- E-books provision to students

Programs & Activities

- **Library Week (Aug 2024):** Reading motivation programs for students.
- **Book Exhibition (Aug 2024):** Promoted reading culture among students & faculty.
- **Vachan Prerna Din (15 Oct 2024):** In honor of Dr. A.P.J. Abdul Kalam, fostering reading habits.
- **Library Orientation (Sept 2024):** For newly admitted students to familiarize with resources.

New Facilities

- Library Website & Student Portal (Library Page)
- Library In-Out Entry through Barcode Scanner
- Faculty Publication Display



INSTITUTION'S INNOVATION COUNCIL (IIC)

The Institution's Innovation Council (IIC), Shirpur campus, conducted a series of impactful activities during the academic year 2024–2025 to promote innovation, entrepreneurship, research culture, and community outreach. The table below highlights major events, their focus areas, and the outcomes achieved.



Event/Activity	Focus Area	Impact
UDAAN Competition	Startup idea competition fostering entrepreneurship	54 teams participated, winners awarded; boosted creativity and entrepreneurial spirit
Innovent 2025	Annual flagship innovation competition promoting women-led startups and networking	Encouraged networking, women-led initiatives, and interdisciplinary collaboration
Hackathons & Tech Fests	Hands-on problem solving, AI-driven solutions, design & critical thinking	Enhanced teamwork, creativity, and ability to develop MVPs for real problems
Workshops on IPR & IP Utsav	Training on patents, copyrights, trademarks, commercialization of ideas	Strengthened awareness of IPR importance in innovation ecosystem
Field & Exposure Visits	Visits to farms, industries, incubation centers, vermicomposting & beekeeping units	Provided real-world exposure, linking academics to practical problem-solving
Motivational Sessions & Expert Talks	Talks on innovation, sustainability, AI, design thinking, cultural values	Inspired students through real success stories and expert guidance
National/International Day Celebrations	Observed National Startup Day, Science Day, Women's Day, World IP Day, Tech Day etc.	Created awareness, inspired innovation, and built participation culture
Community Outreach Programs	School/community engagement to promote entrepreneurial mindset	Nurtured problem-solving and resilience among school and community youth
Poster Symposiums & Research Events	Research-oriented poster presentations to build communication & interdisciplinary skills	Promoted research culture and idea-sharing among students
Workshops on Entrepreneurship & Startup Skills	Training on business models, funding, prototype development, and scalability	Developed entrepreneurial readiness and startup ecosystem knowledge

SPTM & MPSTME- Institution's Innovation Council (IC202432434)

Deemed to be University

Approved by AICTE & PCI

Recognized by UGC

A++ Accredited by NAAC with 3.67 CGPA (Category 1 University by MHRD)

2 Programs accredited by NBA upto 2028

University NIRF Ranking:57

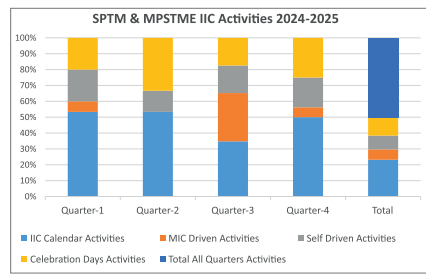
Incubator Member of ISBA/191-2025-2026

Our Vision

To establish a dynamic ecosystem for innovation and entrepreneurship that fosters creativity, research-driven solutions, and industry collaboration—driving socio-economic impact and sustainable development in service of national progress

IIC Activities & Journey

SPTM & MPSTME IIC established in August 2024
Innovation and Entrepreneurship Activities
(IIC calendar activities, MIC-driven activities, Celebration days, self-driven activities)



Guest Lectures/Interaction

- Ignite Your Entrepreneurship Potential
- My Story As an Innovator
- Technical Textiles: Future Trends
- Problem Solving Through Critical Thinking
- From Ideas to Ventures



Field Visits

- Glenmark
- Riddle
- Apiary
- Vermicompost
- D.Y Patil University RA Institute of Technology
- **Nirman Yatra 3.0**
- Sahyadri farm and DISQ, Nashik



Student Competition

- Research Embedded learning Symposium
- Innovent
- Ideathon
- Udaan
- Yugantar (Hackathon)
- Programming Challenge



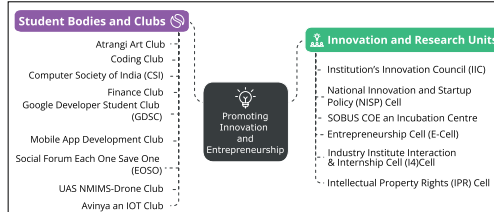
FDPs And Workshops

- Business Model Canvas
- How to Build Your Start-up
- Robotics
- IPR Workshops
- Design Thinking
- E & I As Career Opportunity

Promoting Innovation and Entrepreneurship

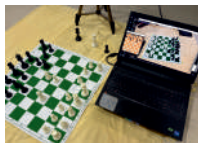
SOBUS
Centre of Excellence for Innovation and Entrepreneurship

- **Grant generated:** 30L grant by Magic Software
- **Number of Projects Incubated:** 10 Projects
- **Dhule 2.0 initiative for social impact**



Glimpses of Best Innovations Developed

30+ Live / Collaborative / Innovative Solutions Developed in Last 02 Years



ChessCV: A Computer Vision tool to digitally read a physical chessboard and enhance real-time gameplay using a camera.



Herbal mist: A purely organic hair spray which not only give fragrance to hairs but also smooth it and make it free flow.



Puremist: A product to protect your facial skin from harmful pollution by purely organic ingredients.



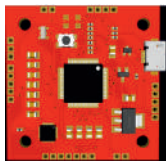
Moringa Protein Bites: The bites made from purely organic moringa added with stevia (for diabetic people) or sugar.



3D Printed Oral Thin Film (OTF) for Anti-hangover Effect.



Device for Performing Dry column vacuum chromatography



UAV Components Manufacturing
Designing and manufacturing high-performance, fully Indian-made drone components



STEM Sage DIY Innovation Kit
A hands-on learning solution designed to spark creativity in robotics, IoT and AI. Perfect for students to explore, experiment and innovate with real hardware and coding



Custom Drone Solutions
Building tailor-made drones for unique use cases such as afforestation, FPV racing, surveillance, and industrial inspections.



Drone Jammers & Counter-UAV Systems
Developing portable and fixed-position drone jamming solutions to neutralize unauthorized UAVs in restricted areas.



Consumer Drone Lineup
Offering compact, affordable, and easy-to-fly drones for photography, recreation, and personal use.



Chemical-free Storage Cum Selling Device For Enhanced Shelf Life Of Fruits And Vegetables

SPTM & MPSTME- Institution's Innovation Council (IC202432434)

Recognitions and Achievements of Innovators

Several Other Awards and Accolades to Institute, Faculties, Students for Innovation, Entrepreneurship, and Research



Secured 3rd Position in Drone Racing in Ambiora Techfest. 2nd March 2025, NMIMS Shirpur Campus, Dhule



Secured 2nd Position in Boeing National Aeromodeling Competition. 3rd March 2025, IIT Bombay, Mumbai



Secured 6th Place in Newton School of Technology Drone Challenge. 5th March 2025, Ajeenkya DY Patil University, Pune



Secured 5th Position in Drone Helix Challenge. 6th April 2025, SVNIT Surat, Gujarat.



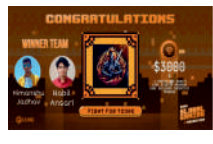
Secured 3rd Position in Carry The Consignment (CTC) Competition. 7th April 2025, SVNIT Surat, Gujarat



Secured 2nd Position in IFTA FinTech Olympiad 2024, competing against 40,000+ students from 12,000+ colleges, including IITs, IIMs, and XLRI



"Gufic Prize" for best research by any basic and clinical (Doctor) pharmacologist in Indigenous medicine by IPS and IUPHAR at AIIMS New Delhi. November 28-30, 2024



Won the Social PVP Games category at the Core Global Gaming Hackathon with project - Fight for TCORE.



DronesZ (Building India's Full-Stack Indigenous Drone Ecosystem for the Skies of Tomorrow)



Winner of the Bits Crunch Hackathon 2025! Won \$10,000 USD and 5000 BCUT Tokens as part of the winning perks.



Smart India Hackathon Grand Finale, IIT Hyderabad Mobile App for Direct Market Access for Farmers.



Society for Ethnopharmacology Young Scientist Award at 12th International Congress of the Society for Ethnopharmacology

Innovation & Entrepreneurship (I&E) Mindset Development & Outcome

Government and University Funding	1.20Cr
Publications	294
Patents	34
Consultancies, Collaboration, Grants	06
Participation in initiatives of MoE's Innovation Cell	All

Virtuous Student Start-up Founders



Mr. Yomesh Khandelwal
Founder
DronesZ

Serving Indian Army and Manufacturing UAV in India



Mr. Harshal Sonawane
Co-Founder
STEMSAGE TECHWORLD LLP
LLP IN: ACG - 9387

Empower Students in IOT and Robotics

Collaboration with Dhule Dist. Administration for the Dhule 2.0 Initiative for Societal Impact





The Training and Placement (T&P) Cell of MPTP Campus plays a pivotal role in preparing students for successful careers by bridging the gap between academic learning and industry requirements.

Key activities undertaken by T&P cell

1. Skill Development & Training

- **Aptitude and Technical Training:** For MPSTME, Shirpur Campus, T&P Cell organized the Placement preparation training in collaboration with Leading Training organization. These training programs were spread across domains of Aptitude and Technical Training from Basic Level to Advance Level.
- **The training also focused on** enhancing students' problem-solving, quick math Practice, and technical knowledge.
- **Soft Skills Workshops:** Training also included focused inputs regarding Communication, teamwork, leadership, and professional etiquette.
- **Resume Building & Mock Interviews:** Resume Building workshops providing guidance on crafting effective resumes and conducting practice interviews to build confidence.

2. Industry Engagement & Placement Drives

- **Campus Recruitment:** Brought In New Leading organisations for the final recruitment as well as for Internship opportunities also.
- **Pre-Placement Talks:** As part of recruitment process, organised pre placements of the companies which came for campus placements.
- **Internship Opportunities:** Arranging internships to provide students with real-world experience.
- **Alumni Interaction:** For Leveraging alumni networks for mentorship and job referrals, MPSTME Conducted Alumni meet “**Alumni Occursum 25**” where in alumni from batches passed out in 2011 also participated.

3 Administrative & Strategic Functions

- **Data Management:** Maintaining records of student placements and employer feedback.
- **Feedback Mechanism:** Collecting and analysing feedback to improve training programs.
- **Collaboration with Departments:** Worked closely with academic departments to ensure total student engagement in the placement process.
- **With coordinated efforts, the MPSTME saw improvement in Median and average placements over last few years.**





Program/Workshop Conducted:

1) Orientation Programme conducted for 1st Year student of 2024-25 for all schools.

The students were informed about the examination procedures, evaluation criteria, and academic regulations, ensuring clarity and transparency in the assessment process are like:

- Understanding Examination Formats: Orientation often provides information about the types of exams students will encounter (ICA/ TEE) and the format in which they will be administered. This helps students know what to expect and how to prepare effectively.
- Learning About Assessment Criteria: Students are introduced to the criteria and rubrics used for grading. Understanding how exams are evaluated helps students focus their study efforts on what is most important.
- Navigating Exam Policies: Orientation covers important policies related to exams, such as re-exam registration deadlines, grievance procedures, and rules for exam conduct. This knowledge helps students avoid administrative issues and adhere to exam protocols.
- Preparing for Success: Orientation may include tips and strategies for effective studying, time management, and exam preparation. This guidance helps students develop effective study habits and exam strategies.
- Accessing Resources: Students learn about resources available for exam preparation, such as study guides, review sessions, and academic support services. Knowing where to find help can improve their exam performance.
- Addressing Common Concerns: Orientation sessions often address common concerns and frequently asked questions about exams, which can reduce anxiety and help students feel more prepared.
- Understanding Support Services: Students are informed about services available for exam-related stress, such as counselling or academic support, which can help them manage any challenges they face.
- Familiarizing with Exam Venues: Orientation may include a tour of exam venues or provide information about where and when exams will take place, helping students feel more comfortable and confident on exam day.

Overall, orientation programs aim to equip students with the knowledge and resources they need to approach their exams with confidence and perform to the best of their abilities.

2) Supervisor/ Invigilator Training Session conducted for Room Supervisor/ invigilators:

- Clarity of Roles and Responsibilities
- Improved Exam Integrity
- Time Management
- Standardization of Procedures
- Confidence Building
- Efficient use of Barcoding System

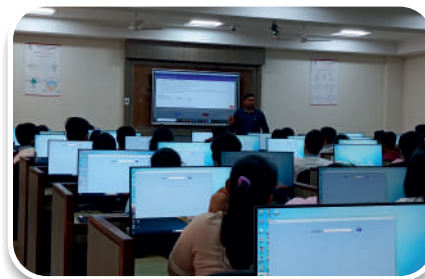
3) Training session conducted on QuesMatrix- QBMS and On Screen Marking for Faculty members:

(Date:-11th March, 2025)

- Introduction to QBMS and On-Screen Marking System
- Responsibilities assigned to Reviewer/ QB Creators.
- Discussion on Implementation Strategy
- Action Items
- Suggestions / Feedback

4) Lab-Based Mock Exams: (Date:- 9th, 11th and 12th November, 2024 & 19th and 21st April, 2025)

- Provided hands-on practice and familiarization with the lab examination format
- Reduced student anxiety and improved confidence for the actual practical exams
- Helped identify gaps in practical skills and understanding prior to final assessment
- Improved time management and procedural accuracy during lab exams



GLIMPSES OF HOSTEL & SPORTS ACTIVITIES





The counselling and well-being services at NMIMS, Shirpur campus were led by counsellor Ms. Kiran Kalyani Akasapu. The initiative focused on enhancing students' mental health, emotional resilience, and academic performance through counselling, workshops, and awareness programs.

Key Highlights:

Workshops for faculty and staff on work-life balance, workplace etiquettes, conflict resolution, stress management, effective communication, and positive habits. Interactive sessions for students and parents during orientation, on topics such as campus life, girl's safety, and handling peer pressure. Establishment of the Well-Being Club to promote holistic wellness, coordinate events like Women's Day, and release newsletters. Observance of World Mental Health Day with guest lectures by clinical psychologists. A total of 717 counselling sessions were conducted (172 new and 545 follow-ups) addressing stress, anxiety, depression, anger, academic stress, career issues, family conflicts, relationship challenges, and substance abuse.

Students, faculty, and staff showed active participation. The counselling sessions helped students acknowledge the importance of seeking help, build confidence, and adopt healthier coping strategies for academic and personal challenges.

1. Workshops for Faculty & Staff:

- Work-life balance
- Workplace etiquettes & professional behaviour
- Conflict resolution
- Stress management
- Empowering Excellence – Soft skills in Academia
- Building positive habits
- Effective communication

2. Student & Parent Interactive Sessions:

- Orientation program sessions on campus life
- Parents' orientation session
- Girl's safety session
- Peer pressure & saying “No”

3. Well-Being Club Activities:

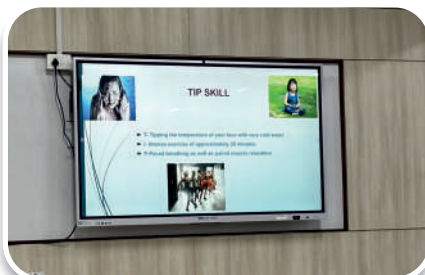
- Club initiation
- Women's Day celebrations
- Monthly newsletters

4. Mental Health Awareness Events:

- World Mental Health Day sessions with guest speakers

5. Counselling Services:

- Total sessions conducted: 717 (172 new + 545 follow-ups)
- Issues addressed: Stress, anxiety, depression, anger, academic stress, career concerns, family conflicts, relationship issues, substance abuse.



MUSIC SECTION

Music Facilities Available

Sr.No	Name of Instrument
1.	Guitars Acoustic
2.	Guitars Electronic
3.	Keyboards small
4.	Keyboard professional
5.	Drum set
6.	Violins
7.	Flutes (Khadi Bamboo)
8.	Sitar
9.	Shehnai
10.	Djembe (African drums)
11.	Darbuka (Middle East drum)

12.	For Indian Classical Vocal Electronic Tanpura.
13.	Tabla
14.	Triangles
15.	Manjira
16.	Bass Guitar
17.	Harmonium
18.	Conga set
19.	Music Sheets Reading stands
20.	Dholak
21.	Keyboard stands
22.	Speakers for keyboards/Guitars

Music Programs organized.

Sr. No.	Name of School.	Name of Events.	Program Name.
1.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	Ganesh Utsav. (4 days cultural Program)	1. Talent round. 2. Drama Performance. 3. Music performance. 4. Dance performance.
2.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	Each one Save one. (1 day Program) known as EOSO.	1. Drama Performance. 2. Music performance. 3. Dance performance. 4. Outside Institutes invited to perform in this event.
3.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	Protsahan (only DJ Night is common) Each day separately different school is having their own Program.	1. Talent round. 2. Drama Performance. 3. Music performance. 4. Dance performance.
4.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	Fresher's Program (First year students are being entertained) pharmacy and engineering having their separate fresher's programs.	1. Talent round. 2. Drama Performance. 3. Music performance. 4. Dance performance.
5.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	15 th August Independent day program.	Flag Hoisting
6.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	26 th January Republic day program.	Flag Hoisting
7.	MPSTME (Engineering) SPTM (Pharmacy) SAST (Agriculture)	Bhakti Sandhya "Devotional 1hr of Bhakti on every Saturday between 9:00pm to 10:00 pm"	Bhajan, Kirtans, Recitations

GLIMPSES OF IMPORTANT EVENTS



STUDENT CLUBS, COMMITTEES & PROFESSIONAL SOCIETIES

INSTITUTIONS INNOVATION COUNCIL (IIC)



APP DEVELOPMENT CLUB



CODING CLUB



NARSEE MONJEE MODEL UNITED NATION (NMMUN)



THE WRITERS' HUB (TWH)



E-CELL NMIMS SHIRPUR



NMIMS SOBUS



TEAM UAS NMIMS



EACH ONE SAVE ONE SOCIAL FORUM



INTELLECTUAL PROPERTY RIGHTS (IPR)



NATIONAL INNOVATION START-UP POLICY (NISP)



INDUSTRY-INSTITUTE INTERACTION & INTERNSHIP CELL (I4 CELL)



THE FINANCE CLUB



STUDENT CLUB



LEARN TECH WITH NMIMS SHIRPUR



WELL-BEING CLUB



SOFT SKILLS CLUB



COMPUTER SOCIETY OF INDIA



ISTE STUDENT CHAPTER



IEEE MPSTME



SATURDAY 10AM @ NMIMS SHIRPUR



ATRANGI: THE FINE ARTS CLUB



OUR TEAM





SVKM'S
NMIMS
Deemed to be UNIVERSITY

SHIRPUR

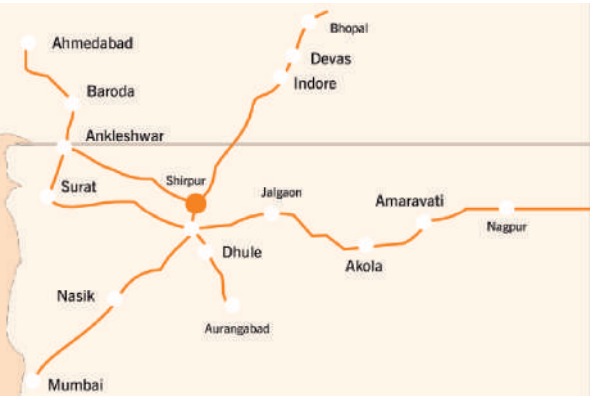
MUKESH PATEL TECHNOLOGY PARK

- By Air** : Nearest Airports- Indore, Aurangabad (200km) and Mumbai (370 km).
- By Railway** : The nearest prominent railway stations on the main route are Chalisgaon, Jalgaon (MS), Bhusawal (MS), 120 km, Manmad (150km) (Central Railway) and Amalner, (50) KM, Nandurbar (MS), 85 KM (Western Railway via Surat, Ahmadabad route). Mumbai-Dhule.
- By Road** : Shirpur is 50 km away from Dhule and 200 km from Indore (MP), Surat (Gujarat), Nasik and Aurangabad. Buses are also available from Jalgaon (100km) and Bhusawal(120km) for Shirpur. It is well connected by road through Mumbai-Agra National Highway (NH-3).

NEAREST PLACES TO BE VISITED

- Ajantha Caves – World Heritage site - Ajanta Caves (110KM) - <http://whc.unesco.org/en/list/242>
- Ellora Caves - World Heritage site- (180KM)
- Shirdi – Sai Baba Temple (200KM)
- Nasik (Trimbakeshwar) (200Km)
- Mumbai (370 km)
- Shegaon - Gajanan Maharaj (240km)
- Statue of Unity (235km)

The above places are well connected from Shirpur through availability of Maharashtra State Transport Buses, private buses and taxis.



For more queries / information, please contact at

Engineering (+91 7498479365 / +91 8999239447) | Pharmacy (+91 8767715660)
Textile (+91 9579433020) | Agriculture (+91 7821931737)

Mukesh Patel Technology Park, Near Tapi River Bridge, Mumbai-Agra Road, NH 3,
Shirpur, Dist-Dhule-425405 (Maharashtra), India.

Tel: +91-2563-295545 / 49 [Website: www.nmims.edu/shirpurcampus](http://www.nmims.edu/shirpurcampus)