SVKM'S NMIMS Deemed to be UNIVERSITY

MPSTME Shirpur Live – Newsletter

January-June 2024

MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING (SHIRPUR CAMPUS)

From the Desk of Associate Dean, SVKM's NMIMS, (MPSTME, Shirpur) Dr. Venkatadri Marriboyina

I am pleased to present the MPSTME Newsletter (Jan-June 2024), a lively testament to the spirit and energy that define the MPSTME, NMIMS Shirpur Campus. This edition celebrates our institution's outstanding achievements, spotlighting the exceptional accomplishments of our faculty and students and acknowledging their invaluable contributions to our academic environment. Within these pages, readers will find a snapshot of the vibrant co-curricular and extra-curricular activities that have defined the past six months. Each section showcases the dedication, passion, and resilience that form the backbone of MPSTME Shirpur ethos. I extend my sincere appreciation to the editorial team and departmental coordinators for their dedication, expertise, and hard work in making this edition a reality. As we explore the milestones and stories shared here, let us take a moment to celebrate our progress and anticipate the exciting future ahead. It is our shared vision and commitment that drive MPSTME, Shirpur toward continued excellence. I invite you to immerse yourself in the MPSTME Newsletter (Jan-June 2024), a source of inspiration and connection for us all.

From the Desk of Editors (MPSTME)

Dr. Sanjay Shrivastava & Dr. Abhijeet Dawle

We're excited to bring you MPSTME Newsletter (Jan-June 2024), filled with dynamic stories and updates from January to June 2024. This edition captures the spirit of MPSTME, NMIMS Shirpur, showcasing an impressive lineup of events and achievements that have shaped our campus over the past six months. Inside, you'll discover a wide range of highlights—celebrations of faculty and student accomplishments, snapshots from engaging campus events, alumni insights, enriching workshops, guest lectures, and exciting technological developments. We extend our heartfelt appreciation to our faculty coordinators for their invaluable contributions, enabling us to present a vivid portrayal of campus life in this edition. Dive in and experience the unique energy that defines MPSTME Shirpur, brought together in this vibrant collection!

• CONTENTS

S. N.	CONTENT	PAGE NO.
1	WEBINAR/WORKSHOPS/FDP ORGANIZED/CONFERENCE	01
2	AWARDS & ACHIEVEMENTS	16
3	CAMPUS ACTIVITIES	17
4	RESEARCH PUBLICATION / FDP DETAILS	26
5	PLACEMENT FRONT	28
6	ALUMNI SPEAKS	29
7	INTERNATIONAL STUDY OPPORTUNITIES	30
8	EDITORIAL TEAM	30
9	CONTACT US	31

MPSTME VISION

Play a distinct role in providing excellence in engineering and management education thereby creating human resources of value to industry and society both at national and international level.

MPSTME MISSION

- Formulate relevant curriculum through strong industry linkages and interaction
- Ensure quality of education through pedagogical innovations
- Undertake and promote relevant research
- Ensure multifaceted development of students, faculty and staff through continuous introspection and inputs

- **WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED**

International Conference on Digital Technology Vision 2030: Transforming Education, Healthcare and Industry (ICDTV:2030)

SVKM's NMIMS Shirpur successfully hosted the International Conference on Digital Technology – Vision 2030: Transforming Education, Healthcare and Industry (ICDTV-2030) on February 17 & 18, 2024. With its diverse range of topics and esteemed speakers, the ICDTV-2030 conference at NMIMS Shirpur proved to be a significant milestone in advancing discussions on digital transformation and its implications for education, healthcare, and industry. The International Conference was sponsored by the Science and Engineering Research Board (SERB) along with ICS and ISTE.

On February 17, 2024, a **poster exhibition** featuring "Padma Awardees in Science and Technology 2024" was organized. NMIMS Shirpur acknowledged the contribution of 2024 Padma Awardees in Science and Technology during the International Conference. Dr. Madhav Welling, Advisor to the President SVKM and Chancellor NMIMS, and Mr. Mukesh Jain, CTO and VP at Capgemini inaugurated the poster exhibition. This initiative was undertaken to recognize and celebrate their significant contributions to society.

Poster Exhibition

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

Dr. Ram Gaud, I/C Director, NMIMS Shirpur, delivered a Welcome Address in the Inaugural Program. He articulated the significance of ICDTV: 2030, highlighting its objectives and celebrating the proud journey of NMIMS, Shirpur Campus. Dr. Venkatadri Marriboyina, the Organizing Secretary introduced the conference with a preamble, providing context and setting expectations for the discussions ahead. The unveiling of the souvenir marked the commencement of the event's official proceedings. Dr. Sharad Mhaiskar, Pro Vice Chancellor of NMIMS, emphasized promoting collaboration, informal networking, empowering rural youth, fostering innovation and excellence in digital technology. Dr. Jayant Gandhi, Hon. Secretary of SVKM, highlighted the importance of collaboration and vision for 2030 in driving technological advancements. Mr. Mukesh Jain, CTO and VP at Capgemini and the Chief Guest, delivered the address, sharing valuable insights and perspectives on current and future business landscapes, as well as the conference theme. Shri Rajgopal Ji Bhandari, a distinguished Member of the Managing Committee, SVKM and a Mentor of NMIMS Shirpur Campus, along with Dr. Meena Chintamaneni, Pro Vice Chancellor, NMIMS, graced the occasion with their presence. Dr. Rakesh Chaudhary, Associate Professor, MPSTME, Shirpur proposed a vote of thanks.

INAUGURATION

Unveiling of Souvenir

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

Following the Inaugural Program, in Session-I, Mr. Edsel Alexander Pereira, Executive Vice President at Glenmark, Mumbai, delivered a keynote address highlighting the latest advancements in common value drivers in the Pharmaceutical Industry, such as responsible innovations, cybersecurity, employee engagement, and well-being access and affordability. The Keynote address explored the significance of digitalization across pharmaceutical domains, showcasing emerging technologies such as cloud computing, IoT sensors, and machine learning algorithms.

Session I:
Keynote Address

Mr. Edsel Alexander Pereira,
Executive Vice President (Corporate),
Glenmark, Mumbai
Topic: Innovations in Healthcare and Pharmaceutical Science

Chair
Dr. Munira Monim
Principal & Professor
SVKM's Dr. BNCP, Mumbai

Co-Chair
Dr. Ashwini Deshpande
Associate Dean, SVKM's NMIMS
SPTM, Hyderabad

The keynote address was chaired by Dr. Munira Momin, Principal & Professor, SVKM's Dr. Bhanuben Nanavati College of Pharmacy, Mumbai, and co-chaired by Dr. Ashwini Deshpande, Associate Dean & Professor, School of Pharmacy & Technology Management, Hyderabad.

Mr. Anil Omanwar, IBM Expert Labs, Australia, delivered a Plenary Lecture-I on "Unveiling the Patent Odyssey: Idea to Protection in the World of AI," shedding light on the intricacies of patenting and copyrighting intellectual property in AI and the challenges of safeguarding AI-related innovations. Plenary Lecture-I was chaired by Dr. Jaskiran Kaur, Director, SVKM's NMIMS Chandigarh, and Co-chaired by Dr. Ashwini Deshpande.

Session I:
Plenary Lecture – I

Dr. Anil Omanwar,
AI Expert and Advisory Consultant, Master
Investor at IBM Expert Labs, Australia
Topic: Unveiling the Patent Odyssey: Idea to Protection in the World of AI

Chair
Dr. Jaskiran Kaur
Director, SVKM's NMIMS
Chandigarh

Co-Chair
Dr. Ashwini Deshpande
Associate Dean, SVKM's NMIMS
SPTM, Hyderabad

In Session II, Dr. K. Jaishankar, Director and Professor of Criminology at the International Institute of Justice and Police Sciences, Bengaluru, shared insights in Plenary Lecture-II on "Cybercrimes: My Experiences and the Way Ahead," discussing the various forms of cybercrimes and offering strategies for tackling cyber threats.

Session II:
Plenary Lecture – II

Dr. K. Jaishankar,
Founding Principal, Director and Professor of
Criminology, IIJPS, Bengaluru, Karnataka
Topic: Cybercrimes, my experiences and way ahead

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

Dr. Shitala Prasad, Professor, IIT Goa, discussed the transformative potential of drone technology in agriculture with his Plenary Lecture-III on "Drone Vision Challenges in Agriculture," highlighting computer vision challenges and the use of drones for soil, disease, and crop monitoring. Attendees gained insights into drone and computer vision principles, applications, and challenges.

Session II was chaired by Dr. Siddhartha Ghosh, Director, SVKM's NMIMS Hyderabad, and Co-Chaired by Dr. Yogesh Kulkarni, Associate Dean, SVKM's NMIMS SPPSPTM, Mumbai.

Session II:
Plenary Lecture – III

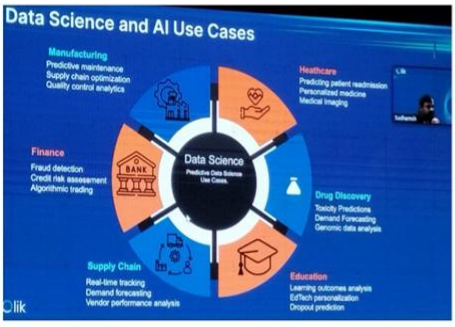
Dr. Shitala Prasad,
Assistant Professor, Computer Science and Engineering, IIT, Goa
Topic: Drone Vision Challenges in Agriculture

Chair
Dr. Siddhartha Ghosh
Director, SVKM's NMIMS Hyderabad

Co-Chair
Dr. Yogesh Kulkarni
Associate Dean, SVKM's NMIMS SPPSPTM, Mumbai

In Session III, Dr. Sudhamsh Reddy, Principal Data Scientist at Qlik, Waltham, United States, explored "Big Data Analytics and AI," and shared insights on Automated Machine Learning, Traditional AI, and Generative AI in his Plenary Lecture-IV. The Session was Chaired by Dr. Anshuman Jaswal, Director, SVKM's NMIMS Indore, and Co-chaired by Dr. Pravin Shende, Professor SVKM's NMIMS, SPPSPTM, Mumbai.

Session III:
Plenary Lecture – IV



Dr. Sudhamsh Reddy,
Principal Data Scientist, Qlik, Waltham, USA
Topic: Big Data Analytics and AI

Chair
Dr. Anshuman Jaswal
Director, SVKM's NMIMS Indore

Co-Chair
Dr. Pravin Shende
Professor, SVKM's NMIMS SPPSPTM, Mumbai

The first day of the conference concluded with over 100 engaging oral and poster presentations from participants across India. These presentations showcased a diverse array of research and insights from the attendees. Attendees were treated to insightful discussions on AI tools, techniques, IoT advancements, blockchain innovations, deep learning applications, hotspot mapping methodologies, AI-enabled driver analyses, search optimization strategies, and many other pertinent subjects. These presentations delved deeply into the theme of digital technology's pivotal role in reshaping healthcare, education, and industry landscapes, sparking dynamic conversations and fostering collaborative exchange among participants.

- **WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED**

Poster Presentations (Day 1)

Oral Presentations (Day 1)

On the second day of the conference, in session IV, Dr. P. G. Shrotriya, a distinguished Pharma Consultant, and Ex. Director, Pharma Research, SPPSPTM, Mumbai, delivered a Plenary Lecture-V on "AI in Pharma Industry," illuminating the transformative potential of artificial intelligence in pharmaceutical research and development.

Session IV:
Plenary Lecture – V

Dr. P. G. Shrotriya,
Pharma Consultant &
Ex. Director, Pharma Research, SPPSPTM, Mumbai
Topic: AI in Pharma Industry

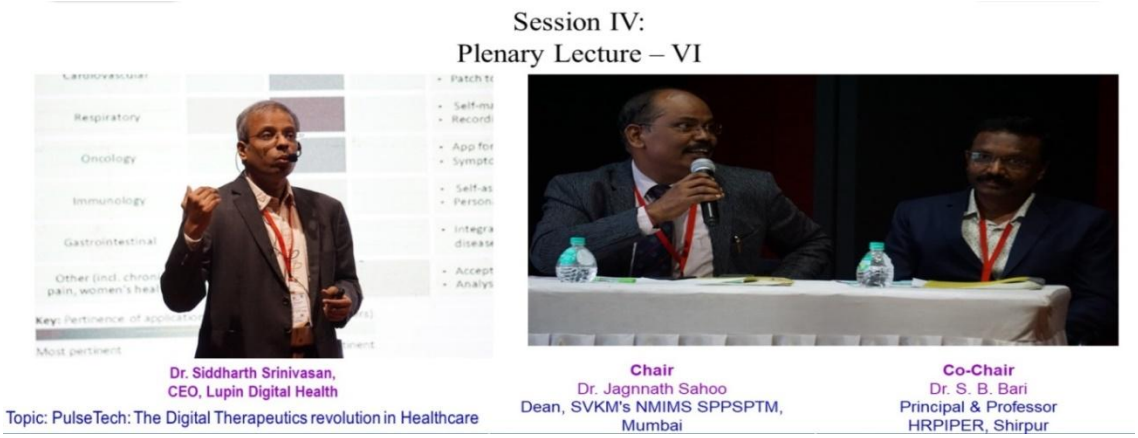
Chair
Dr. Jagnnath Sahoo
Dean, SVKM's NMIMS SPPSPTM, Mumbai

Co-Chair
Dr. S. B. Bari
Principal & Professor
HRPIPER, Shirpur

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

This was followed by Plenary Lecture-VI of Dr. Siddharth Srinivasan, CEO of Lupin Digital Health, exploring "PulseTech: The Digital Therapeutics Revolution in Healthcare," offering insights into innovative approaches to digital therapeutics and their impact on healthcare delivery.

Session IV was chaired by Dr. Jagnnath Sahoo, Dean SVKM's NMIMS, SPPSPTM, Mumbai, and Co-Chaired by Dr. S. B. Bari, Principal & Professor, HRPIPER, Shirpur.



Following the Plenary Lecture-VI, in session V, Mr. Debjit Ghatak, Head of the Centre for Data Science and AI at IIM Ahmedabad (General Manager - Brij Disa Centre), discussed in his Plenary Lecture-VII on "AI Adoption by Industries in India: Challenges, Readiness, and Benefits," offering insights into the challenges and opportunities of integrating AI into various industries.

This was followed by Plenary Lecture-VIII of Mr. Rishabh Chopra, Digital Innovation Lead at Shell, Netherlands, exploring "AI, Blockchain, and Other Emerging Digital Technologies for Energy Transition," shedding light on the role of these technologies in driving the transition to sustainable energy. Session V was chaired by Dr. Bala Prabhakar, Former Dean, SVKM's NMIMS, SPPSPTM, Mumbai, and Co-Chaired by Dr. S. J. Surana, Principal & Professor R. C Patel Institute of Pharmaceutical Education & Research, Shirpur.

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

This was followed by poster & oral presentations, offering attendees the opportunity to engage further with the conference themes and exchange ideas.

Poster Presentations (Day 2)

Valedictory Program

The Valedictory Program, held on the final day, marked the successful conclusion of the conference. Mrs. Rita Patel, In-charge, NMIMS, Shirpus campus as a Chief Guest graced the occasion with her presence. Dr. Venkatadri Marriboyina, the Organizing Secretary presented the conference report, summarizing the key highlights and outcomes of the two-day event.

Awards were then presented to the winners of the poster and oral presentations, recognizing their outstanding contributions and achievements. The recipients of the Best Paper Award were Rucha Deore from SVKM's Institute of Pharmacy, Dhule, for her outstanding paper titled "RUTAMARIN CANNABINOID RECEPTORS," and Priyam Sekra from Mukesh Patel School of Technology Management and Engineering (MPSTME), Shirpur, for the remarkable paper titled "Enhancing Road Comprehensive Solution."

Moreover, the Best Poster Presentation award was given to Amruta Mali from the School of Agricultural Sciences and Technology for her innovative work titled "A Multi-pronged Approach for Controlling Tripoderma Species," and Chaitravi Dhote from SPTM, Hyderabad, for her insightful paper titled "Modernising Medication Information - The ELFU for Pharmaceuticals." Dr. Payal Dande, Section Head: Pharmacognosy, SPTM, Shirpur was honored with the Model Digital Lecture Award.

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

Dr. Meena Chintamaneni, Pro Vice Chancellor, NMIMS addressed the audience, emphasizing the significance of the conference and its impact on the field of digital technology. She also emphasized that the SVKM is renowned for its progressive educational approach. Participants were invited to share their feedback. Attendees reflected on the enriching discussions and fruitful exchanges that took place over the two-day conference. Dr. Suseelendra Desai, Dean, School of Agricultural Sciences & Technology, Shirpur, Dr. Shyam Sunder Pancholi Associate Dean, School of Pharmacy & Technology Management, Shirpur and Dr. Arup Rakshit, Associate, Dean, Centre for Textile Functions, Shirpur graced the occasion with their presence.

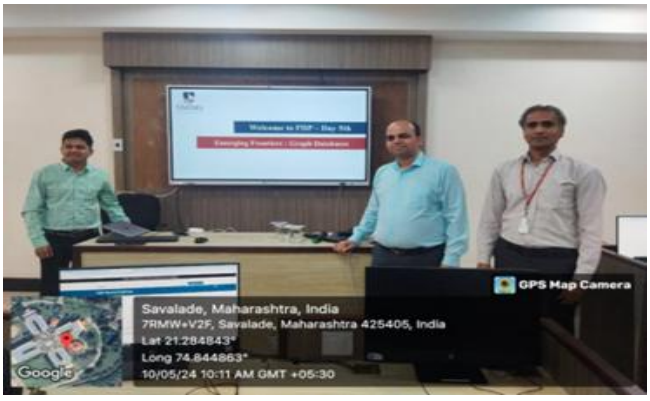
The international conference concluded with over 200 engaging oral and poster presentations from participants across India. These presentations showcased a diverse array of research and insights from the attendees. The conference hosted over 300 participants from diverse locations. It showcased innovations across various fields, including Artificial Intelligence, Data Analytics, Smart Agriculture, Healthcare Management, Pharmaceutical Manufacturing, Transformation in Textiles and Wearables, Future-Proofing, and Industry 5.0.

Group Photo

• **WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED**

Faculty Development Programme (FDP) on "Emerging Frontiers: Data Analytics, Generative AI, and Machine Learning"

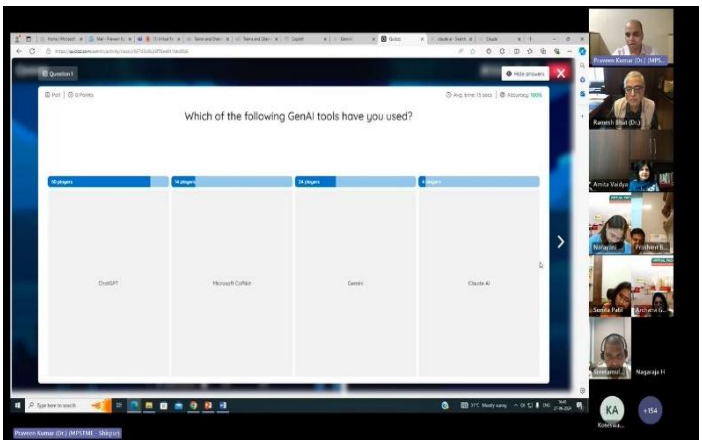
The Faculty Development Programme (FDP) on 'Emerging Frontiers: Data Analytics, Generative AI, and Machine Learning' took place from May 6, 2024, to May 10, 2024, at SVKM's NMIMS, MPSTME, Shirpur Campus. The program aimed to equip faculty members with the latest tools and techniques in these domains, enhancing their teaching methodologies and research capabilities. The FDP received an overwhelming response, with 58 participants from MPSTME, Shirpur Campus, and colleges including SPTM, Shirpur, RCPIT Shirpur, and RCPET's IMRD, Shirpur. The coordinators for this FDP were Dr. Praveen Kumar Loharkar, Assistant Professor, and Prof. Rajesh Verma, Assistant Professor, both from the Department of AIML.



- **WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED**

NMIMS Faculty Lounge meeting on GenAI initiative at NMIMS

On Thursday, June 27, 2024, NMIMS University organized a virtual faculty lounge as part of its Gen AI initiative. Dr. Praveen Kumar Loharkar, Assistant Professor at MPSTME, Shirpur Campus, delivered a short session. He delved into the "why" and "how" of Gen AI tools, providing a hands-on demonstration. The discussion covered prominent GenAI tools such as Gemini, CoPilot, and Claude AI. These tools were explored in the context of various use cases, aiming to enhance teaching and learning experiences.



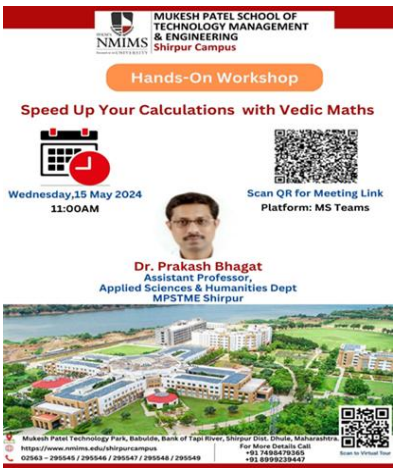
Online Hands-on Workshop Series 2024

SVKM's NMIMS, MPSTME, Shirpur organized a series of online hands-on workshops covering topics ranging from life skills and Vedic mathematics to advanced programming and the relevance of ancient wisdom in modern life. Each workshop aimed to provide practical insights and skills, led by expert faculty members. These workshops were conducted on MS Teams specifically for Higher Secondary students.

On 5th May 2024, Dr. Rajnish Katarne began the series with "Leading Through Life Skills," where he shared essential life skills for personal and professional development, focusing on leadership and effective communication.

On 15th May 2024, Dr. Prakash Bhagat introduced Vedic mathematics techniques in "Speed Up Your Calculations with Vedic Maths," helping participants enhance their calculation speed and accuracy.

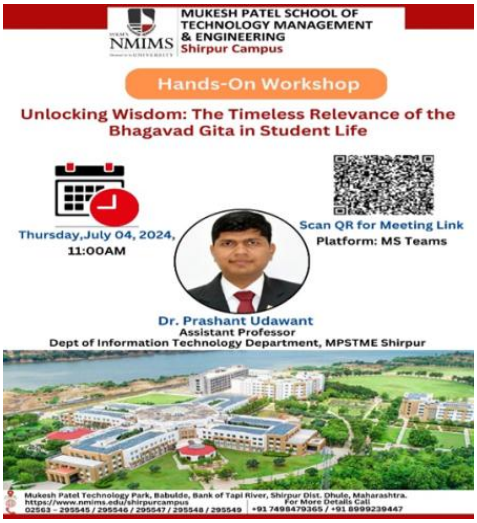
On 25th May 2024, Dr. Pravin Loharkar conducted "No Code, Big Impact: Unlock AI's Power," showing how to leverage AI without extensive coding knowledge.



• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

On 5th June 2024, Dr. Ritesh Dhanare simplified mobile app development in "Mobile App in a Minute: Demystifying App Development" for beginners. A comprehensive three-day workshop on C++ took place from 10th to 12th June 2024. Prof. Dhananjay Joshi's "C++: Igniting Your Engineering Odyssey - Unleash the Power of Programming!" delved into the fundamentals and advanced features of C++, empowering participants to harness its full potential in engineering applications. On 26th June 2024, Dr. Vishal Fegade discussed the role of computer science and IT in Industry 4.0 in "Empowering Industry 4.0: The Vital Role of Computer Science Engineers and Information Technology," emphasizing the skills required in this evolving landscape.

On 28th June 2024, Prof. Mayank Kothari explored the impact of IoT on daily life in "Revolutionizing Daily Life for a Seamless Tomorrow." On 1st July 2024, Prof. Piyush Kumar Soni "Python: Your Gateway to Engineering Success - Embark on Your Journey Today" offered an in-depth look at Python programming, guiding participants from basic concepts to advanced techniques. The series also included a workshop on the timeless wisdom of the Bhagavad Gita. On 4th July 2024, Dr. Prashant Udawant's "Unlocking Wisdom: The Timeless Relevance of the Bhagavad Gita in Student Life" highlighted enduring lessons and their relevance for students today. Concluding the series on 6th July 2024, Prof. Sachin Bhandari introduced participants to SQL basics in "SQL Essentials for Beginners: Get Started with Databases," providing foundational knowledge for managing databases.



• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED

A series of online hands-on workshops was coordinated by Dr. Sugam Shivhare, Assistant Professor, ASH Dept., MPSTME, Shirpur. Technical support was provided by Prof. Dhananjay Joshi, Assistant Professor, MPSTME, Shirpur. Dr. Sanjay Shrivastava, Associate Professor, and Dr. Abhijeet Dawle, Assistant Professor, ASH Dept., MPSTME, Shirpur, handled the compèring of the online workshop series.

Overall, the online hands-on workshop series was a resounding success, offering diverse topics that catered to the interests and needs of participants. The expert speakers provided valuable insights and practical knowledge, enhancing the skills and understanding of all attendees.

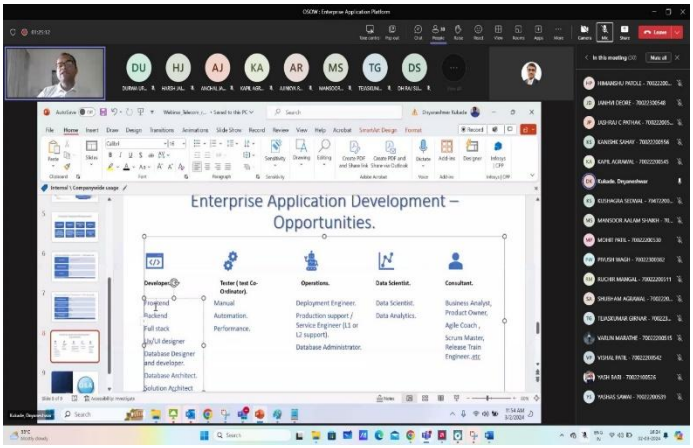
Date	Time	Title of the workshop	Name of the speaker
05-05-24	11:00 -12:00	Leading Through Life Skills	Dr. Rajnish Katarne
15-05-24	11:00 - 12:00	Speed Up Your Calculations with Vedic Maths	Dr. Prakash Bhagat
25-05-2024	11:00 - 12:00	No Code, Big Impact: Unlock AI's Power	Dr. Pravin Loharkar
05-06-2024	11:00 - 12:00	Mobile App in a Minute: Demystifying App Development	Dr. Ritesh Dhanare
10-06-2024 – 12-06-2024	11:00 - 01:00	C++: Igniting Your Engineering Odyssey - Unleash the Power of Programming!	Prof. Dhananjay Joshi
26-06-2024	11:00 - 12:00	Empowering Industry 4.0: The Vital Role of Computer Science Engineers and Information Technology	Dr. Vishal Fegade
28-06-2024	11:00 - 12:00	IoT Unleashed: Revolutionizing Daily Life for a Seamless Tomorrow	Prof. Mayank Kothari
01-07-2024	11:00 - 01:00	Python: Your Gateway to Engineering Success - Embark on Your Journey Today	Prof. Piyush Kumar Soni
04-07-2024	11:00 - 12:00	Unlocking Wisdom: The Timeless Relevance of the Bhagavad Gita in Student Life	Dr. Prashant Udawant
06-07-2024	11:00 - 01:00	SQL Essentials for Beginners: Get Started with Databases	Prof. Sachin Bhandari

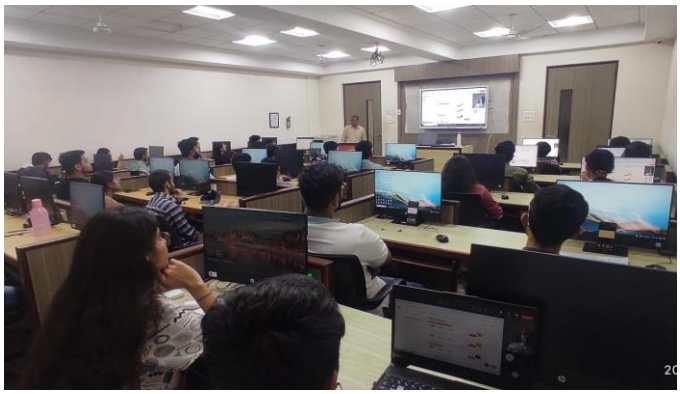
One Subject One Webinar

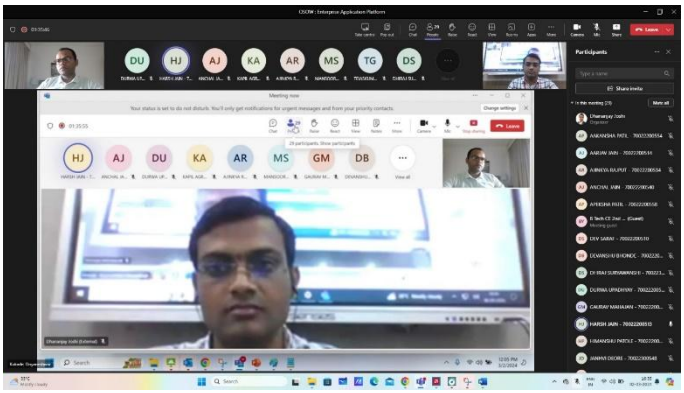
"Enterprise Application Platform (Telecom Domain)"

On March 2nd, 2024, a webinar titled "Enterprise Application Platform (Telecom Domain)" took place as part of the "One Subject One Webinar Series." Mr. Dnyanesh Kukade, an expert in the field, led the session, providing real-time examples and elucidating the telecom ecosystem, its architecture, operational mechanisms, and technologies used to implement the same. Additionally, he offered insights into enterprise application development opportunities. Mr. Dnyanesh addressed student's queries related to current technology trends, generative artificial intelligence, IT readiness, and the emerging challenges and opportunities within the telecom industry. The webinar was coordinated by Prof. Dhananjay Joshi from the Department of Computer Science.

• WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED







One Subject One Webinar

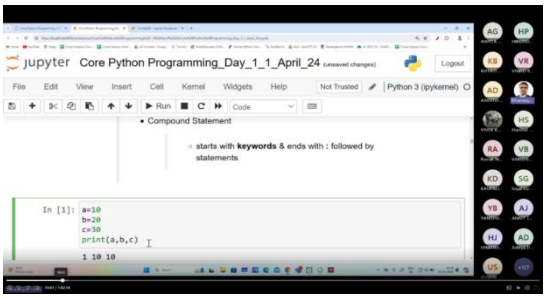
"Introduction to Numpy and Pandas"

On March 9th , 2024, within the framework of the "One Subject One Webinar Series," a webinar titled "Introduction to Numpy and Pandas" was held. Mr. Ashish Sharma, an expert in the field, commenced the session with an overview of Pandas, followed by Numpy. Mr. Ashish delved into techniques for importing and manipulating data using Pandas, while also illustrating the practical benefits of Numpy. Subsequently, students engaged in a lively discussion, posing questions regarding programming, internships, projects, and opportunities within the IT industry. Prof. Dhananjay Joshi from the Department of Computer Science coordinated the webinar.

- **WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED**

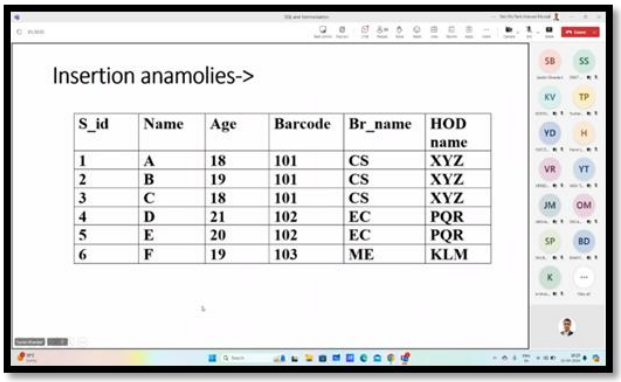
Workshop on Core Python Programming

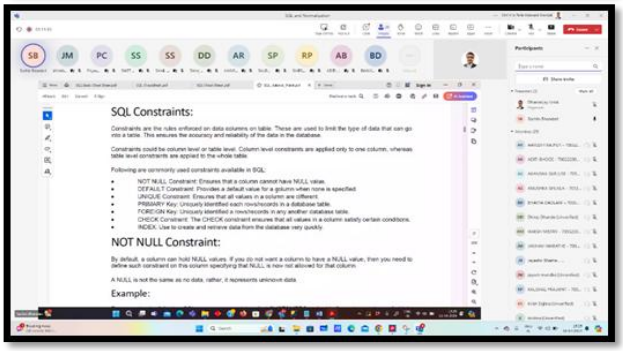
From April 1-6, 2024, the Department of Computer Science at MPSTME Shirpur organized a workshop titled "Core Python Programming" under the "LEARN TECH with NMIMS SHIRPUR" initiative. The workshop aimed to familiarize participants with the basics of Core Python Programming. Over 50 attendees joined the online workshop, delivered by Prof. Dhananjay Joshi.



Workshop on SQL and Normalization

A two-day online workshop on "SQL and Normalization" was held from April 10 to 11, 2024. The workshop covered the basics of SQL, including DDL, DML, integrity constraints, functional dependencies, and normalization. The workshop was conducted by Prof. Sachin Bhandari. Thirty participants showed a keen interest and attended the session.





- **WEBINAR/ WORKSHOP/FDP /CONFERENCE ORGANIZED**

Workshop on Mobile Application Development Exhibition

Dr. Ritesh Dhanare, Assistant Professor & Head of IT Department at the MPSTME Shirpur campus, has organised a one-day Mobile App Exhibition 2.0 in the subject “Mobile Application Development." The event was organised on April 1, 2024. In the exhibition, a total of 21 applications were presented, and around 25+ faculty members visited the exhibition and gave their valuable suggestions for the applications.

• AWARDS AND ACHIEVEMENTS

Prof. Suraj Patil, Assistant Professor, Dept of CS, MPSTME, Shirpur Campus, received his Ph.D. degree in Engineering on the topic "Detection of Lesions in Liver and Brain Tumor using Machine Learning" on May 11, 2024, from Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. He has completed this work under the guidance of Dr. D. K. Kirange, Associate Professor, SSBT College of Engineering & Technology, KBC North Maharashtra University, Jalgaon, Maharashtra.

Prof. Varsha Nemade, Assistant Professor, Dept of CS, MPSTME, Shirpur Campus, received her Ph.D. degree in Engineering on the topic "Breast Cancer Analysis Using Machine-Learning Techniques" on December 23, 2023, from AMITY University, Rajasthan. She has completed this work under the guidance of Dr. Sunil Pathak (Professor, Amity University Rajasthan)

Prof. Deepti Barhate, Assistant Professor, Dept of CS, MPSTME, Shirpur Campus, completed her Ph.D. in Engineering on 23 December 2023 from Amity University, Jaipur, Rajasthan on the topic "Plant Species Identification using machine learning". She has completed this work under the guidance of Dr. Sunil Pathak (Professor and Head, Department of Computer Science, ASET, Jaipur).

Dr. Praveen Kumar Loharkar's (Assistant Professor, Department of AIML) opinion article titled **"Revolutionizing Education: The Impact of AI"** was published in Hindustan Times online publication on May 15, 2024.

Link:https://www.hindustantimes.com/ht-insight/future-tech/revolutionising-education-the-impact-of-ai-101715750566295.html

CAMPUS ACTIVITIES & OUTREACH INITIATIVES

Silent Joy Carnival: Donation and Social Awareness Campaign Organized by GDSC MPSTME Shirpur and Each One Save One

On January 14, 2024, GDSC MPSTME Shirpur and Each One Save One organized a donation camp at the Deaf and Mute School in Shirpur from 2:00 p.m. to 5:00 p.m. The camp aimed to spread happiness among 20 underprivileged children by providing essential items and engaging them in interactive activities. Volunteers distributed necessities like stationery and hygiene kits, while also connecting with the children through games and motivational stories. This event created a warm and supportive environment, fostering joy and positivity among attendees. The organizers were pleased with the impact and they committed to conduct more such events in future. The activity was coordinated by Dr. Payal Rahul Dande, SPTM Shirpur, and Prof. Dhananjay Joshi, MPSTME Shirpur.

ML-Marvel - Kids Workshop: A session on Teachable Machine Organized by GDSC MPSTME Shirpur and Each One Save One

On January 14, 2024, GDSC MPSTME Shirpur and Each One Save One hosted an ML-Marvel workshop and donation camp for 85 school students at Anand Sadan, Shirpur, from 2:00 p.m. to 5:00 p.m. The event aimed to introduce young learners to the basics of machine learning, sparking their interest in technology. Engaging sessions were conducted to simplify ML concepts, making them accessible and enjoyable for kids. Alongside the workshop, a donation drive was held, providing essential items to the students. The initiative successfully combined learning and social impact, leaving a positive impression on the young participants and organizers alike. Commencing with a captivating presentation on Teachable Machine by Jayaditya Arora and Pragya Maheshwari, the event immediately captured the audience's interest and curiosity. The insightful demonstration shed light on the machine's functionalities and potential applications, generating intrigue among participants. GDSC, in collaboration with Each One Save One, made a significant impact by donating books and pens to Anand Sadan students. Adding an element of excitement, a lively 30-minute session featured a musical chair competition and a dance performance, rewarding winners and infusing the event with joy and entertainment. The activity was coordinated by Dr. Payal Rahul Dande, SPTM Shirpur and Prof. Dhananjay Joshi, MPSTME Shirpur.

Session on GEN AI

On January 20, 2024, GDSC MPSTME Shirpur organized a session on Generative AI at SES' R. C. Patel School, Savalde, led by Aditya Ghatiya. The event, attended by 67 students, aimed to introduce participants to the fundamentals of Generative AI and its applications. Through an interactive presentation, students explored how AI can create content and learned about its transformative potential in various fields. The session sparked curiosity and provided students with insights into emerging AI technologies.

CAMPUS ACTIVITIES & OUTREACH INITIATIVES

The event was well-received, highlighting the enthusiasm of students for advancements in AI. The event at R. C. Patel School, Savalde, commenced with an energetic introduction that served as the gateway to a day filled with exploration and engagement. Participants were given a concise yet comprehensive overview of two pivotal components - Google Developer Student Clubs (GDSC) and Introduction to Each One Save One (EOSO). This introductory phase set the tone for an enlightening experience, laying the groundwork for the diverse topics that would unfold throughout the day.

The GEN AI session provided a unique opportunity for attendees to grasp the significance of AI in our daily lives and its transformative potential in various industries. Recognizing the importance of an interactive and engaging atmosphere, a dedicated 30-minute session was allocated to activities that blended entertainment with intellectual stimulation. “Guess the Cricketer” and gaming challenges added a vibrant touch to the event, encouraging participants to actively immerse themselves in deciphering images and enjoying the thrill of friendly competition. This segment not only contributed to the overall enjoyment of the event but also strengthened the sense of community among participants, fostering connections beyond the educational content.

The event was conducted for combining educational insights with interactive engagement. From the informative exploration of GDSC and EOSO to the in-depth GEN AI session and the entertaining interactive activities. The event catered to diverse interests and learning styles. The fusion of knowledge and interaction had created a well-rounded and enriching experience for all attendees, leaving a lasting impact on their understanding of AI and their sense of community within the technology space. As the event concluded, participants departed with not just newfound knowledge but also with a network of like-minded individuals, ensuring that the ripple effects of this enriching experience would continue beyond the event itself. The event was coordinated by Prof. Dhananjay Joshi, MPSTME Shirpur.

CAMPUS ACTIVITIES & OUTREACH INITIATIVES

Atrangi Fine Art Club Hosts Creative Workshop on "Dumb Charts"

Atrangi Art Club is widely recognized for bringing together artists and art enthusiasts. At Atrangi, a vibrant community of creative minds is united by a shared passion for art in all its forms. More than a space for creating art, Atrangi serves as a hub for connection and collaboration, where imagination is limitless and self-expression is celebrated. Creative contributions are made by the club for numerous events.

The event was organized on February 10, 2024, showcasing the talent present within the college. The event was attended and encouraged by the Associate Dean of MPSTME, along with MPTP faculty members. A tote-bag and mini-canvas painting workshop was arranged, where students could participate individually or in pairs, providing a platform for those with similar interests to come together and express their creativity. Assistance was enthusiastically provided by volunteers from the Creative team of Atrangi to help participants complete their designs. Participation was observed across all age groups, including faculty members' children and professors themselves. The event was coordinated by Prof. Sonia Relan, MPSTME Shirpur.

Annual Sports Fest-Flavium'24

MPSTME Shirpur Campus organized its Annual Sports Fest, Flavium '24 from February 19,2024 to March 2,2024 with great fervour. The fest included multiple sports ranging from cricket, football, volleyball, basketball, indoor games such as table tennis, chess, carom and swimming. Each event was headed by students representing various departments. The fest showcased great spirit and competitiveness amongst the teams representing their individual department and classes. Dr. Praveen Kumar Loharkar and Prof. Kiran Salunke were the faculty in-charges who were well supported by the Sports department led by Dr. Jivan Mohod and his coaching team. Mr. Parth Sharma and Ms. Vidhi Jain were the student heads of the fest. The event was made successful under the guidance of Dr. Venkatadri Marriboyina and logistic support from the administration.

Protsahan'24

Protsahan'24, the Annual Cultural Festival of NMIMS MPSTME Shirpur, was celebrated over two exhilarating days on March 16th and 17th, 2024. The celebrations commenced with an evening of intense musical band battles, high-energy dance competitions, captivating performances by the Rang Drama Society, and a glamorous fashion show. Daytime activities engaged students with thrilling games like paintball, human foosball, eliminator, and body zorbing on the football field, while a vibrant fun fair featuring games and food stalls added to the excitement. A talent hunt in the auditorium showcased remarkable student performances, with outstanding acts awarded trophies at the close of the first day. On the final night, DJ Karan Kanchan's electrifying beats brought the crowd to life, ending Protsahan'24 on a high note. The event was a resounding success, leaving students with lasting memories and a deep sense of joy. The event was coordinated by Prof. Bhushan Inje and Prof. Sonia Relan.

CAMPUS ACTIVITIES & OUTREACH INITIATIVES

Protsahan'24

CAMPUS ACTIVITIES & OUTREACH INITIATIVES

Ambiora -2024

The Annual Technical Festival "Ambiora" of the Mukesh Patel School of Technology Management & Engineering, Shirpur campus, took place from February 23 to February 25, 2024. Numerous interdepartmental competitions featuring a range of technical events were held. Ambiora 2024 received an overwhelming response in all of its events this year, and it was a tremendous success, with 900 students participating. Dr. Suresh Kurumbanshi and Dr. Mayank Sohani of MPSTME, Shirpur Campus were the event coordinators.

NMMUN'24

The 15th edition of the Narsee Monjee Model United Nations (NMMUN) took place on January 6th and 7th 2024, at SVKM's NMIMS Shirpur Campus. This annual event simulates the United Nations Conference, providing a platform for participants to engage in global debates and enhance their skills in debate, public speaking, and understanding of current affairs.

The event commenced with the worship of Goddess Saraswati, followed by addresses from dignitaries including Dr. Venkatadri M., Dr. Rakesh Chaudhari, Dr. Preeti Sanghavi, Dr. Radha Krishna Rambola, and Dr. Upendra Verma. Ms. Gunamrutha Kode, Director Deputy General, welcomed the delegates, while Ms. Muskan Chopra, Director General, highlighted the commendations received from notable figures such as UN Secretary-General Antonio Guterres and others. Secretary-General Mr. Dhruv Thakker emphasized the importance of translating the conference discussions into tangible societal actions. Dr. Venkatadri urged participants to seek common ground and listen to understand, rather than merely respond. The opening ceremony concluded with the official declaration of the conference being open for 2024.

Council Sessions

AIPPM: Focused on reforming criminal laws in India, featuring a dynamic debate among political figures such as Amit Shah and Rahul Gandhi. Key issues included mob lynching and crimes against women, with heated exchanges highlighting the complexities of legislative reforms.

SOCHUM: Addressed advancing global LGBTQIA+ inclusion and education initiatives. Progressive nations like the Netherlands and Canada advocated for inclusive policies, while countries like Saudi Arabia and Iran opposed based on cultural and biological perspectives, illustrating the global divide on LGBTQ+ issues.

UNHCR: Discussed the Rohingya refugee crisis, with accusations of genocide against Myanmar and calls for international support for refugees. The session highlighted the severe challenges refugees face and the need for global collaboration.

Summit of Future: Debated the implications of artificial intelligence, focusing on issues like deep fakes, unemployment, and cybersecurity. While acknowledging the potential benefits of AI, the discussion underscored the need for robust international regulations to mitigate its risks.

UNSC: Addressed the Israel-Palestine conflict, with polarized views on the recent armed conflict between Israel and HAMAS. The session highlighted the urgent need for a peaceful resolution to the longstanding conflict.

The NMMUN'24 successfully provided a platform for intense and insightful debates on critical global issues. The event showcased the participants' ability to engage in diplomatic discourse and underscored the importance of continued dialogue in addressing complex international challenges.

- **BOOKS/BOOK CHAPTERS/RESEARCH PUBLICATIONS/FDP ATTENDED/ONLINE COURSES- NPTEL, COURSERA, ETC..**

ASH Department

Research Publication in SCOPUS INDEXED JOURNALS

Sr. No.	Name of the author/s	Title of the article/research paper	Name of the Journal	ISSN No.	Volume / Page no.	Date/ year	Publishing Authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
1	Ibtesam Alshammari, Tawseef Rashid, Inci M. Erhan,	Fixed point results in incomplete extended b-metric space with t-property	Filomat	2406-0933	Vol.38 No. 11, 3881-3890	2024	University of Nis.	0.8		Yes	
2.	Tawseef Rashid, M.M.M. Jaradat, Esra Yolacan Hijaz Ahmad	On Prime Counting Functions Using Odd K-Almost Primes	European Journal of Pure and Applied Mathematics	1307-5543	Vol.17, No. 2 pp. 1146-1154	2024	New York Bussiness Global, USA			Yes	
3	Nof T Alharbi , Tawseef Rashid, M. M. M. Jaradat , İnci M. Erhan , Hassen Aydi.	On extended b-Metric Spaces: Relaxing Completeness Criterion and Exploring Behavior	Journal of Mathematical Analysis	2217-3412	Vol 15, Issue . 3	2024	Ilirias Research Institute			Yes	
4.	Nof T. Alharbi, Abeer M.M. Jaradat, M.M.M. Jaradat, Tawseef Rashid	Revealing fixed points in mappings that challenge F-contraction in incomplete extended b-metric spaces	Chinese Scientific Bulletin	0023-074X	Vol. 69, No. 5, 2123-2132	2024	Science China Press			Yes	

Information Technology Department

Faculty Development Programme

Sr. No.	Name of the Faculty Member	Name of the FDP	Date	Place	Organising Body / Inst.
1	Prof. Piyush Kumar Soni	Machine Learning & NLP using Python	24-06-2024 to 28-06-2024	Online (through Webex)	Infosys

RESEARCH PUBLICATIONS / COURSERA

Information Technology Department

Research Publication in SCOPUS INDEXED JOURNALS

Sr. No.	Name of the author/s	Title of the article / research paper	Name of the Journal	ISSN No.	Volume / Page no.	Date /year	Publishing authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
1	Mayank Kothari, Suresh Kurumbanshi	Improved gradient boosting hybrid spectrum sharing and actor-critic channel allocation in 6G CR-IO	International Journal of Information Technology (Singapore)	2511-2104		23.06.2024	SPRINGER			Yes	
2.	M.Hadap, Nisha wankhade, Suresh Kurumbanshi, Vyankateshwar G. Girhepunje, S.S. Bawankule, Arvind R. Bhagat Patil	LDQKDPB: Unbreakable Network Security via Long-Distance Quantum Key Distribution Enhanced by Post-Quantum Techniques and Blockchain	Communication Applied Nonlinear Analysis	1074-133X	Volume No.31.No 2	07.06.2024	International Publication			Yes	

Coursera Certificates Count

Sr,No	Name of the Faculty Member	Coursera Certificate Count
1	Dr. Praveen Kumar Loharkar	04
2	Prof. Rajesh Verma	02

MOOC Courses/ NPTEL/ Swayam

Sr. No.	Name of the Faculty Member	Name of the FDP/Refresher Course	Date	Organising Body
1	Prof. Pravinkumar Landge	Google cloud Technical Series AI edition	21-22 March 2024	Google Cloud
2	Prof. Pravinkumar Landge	21st Century: Recent trends challenges and future roadmap for transitions in technological generations	25-30 April 2024	Yeshwantrao Chavan College of Engineering, Nagpur (Online)
3	Dr. Praveen Kumar Loharkar	Introduction to Generative AI	25 May 2024	Google
4	Dr. Praveen Kumar Loharkar	Introduction to Large Language Models	26 May 2024	Google

RESEARCH PUBLICATIONS

Computer Science Department

Research Publication in SCOPUS INDEXED JOURNALS

Sr. No.	Name of the author/s	Title of the article/research paper	Name of the Journal	ISSN No.	Volume / Page no.	Date /year	Publishing Authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
1	Dr. Upendra Verma	A Review of Authentication Schemes in Internet of Things	Communications in Computer and Information Science	1865-0929	Vol. 2128 and pp. 309-322	11 June 2024	Springer	--		Yes	https://link.springer.com/chapter/10.1007/978-3-031-62217-5_26
2.	Dr. Upendra Verma and Dr. Mayank Sohani	An efficient lightweight authentication scheme for dew-assisted IoT networks	Security and Privacy	2475-6725	Vol. 7, Issue 4 and pp. e360	March/April 2024	Wiley	1.5		Yes	https://onlinelibrary.wiley.com/doi/abs/10.1002/spy2.360

Training & Placement Activities at MPSTME

Mr. Prasanna Ojha
Placement Executive

Likewise each year, Training and Placement Department organized Pre Placement Training covering topics such as Aptitude, Technical Training Level 1 & Advance level along with Employability topics. Additionally, the Placement Department in Collaboration with the Mumbai Campus organized an Alumni Meet on 10th February 2024 at MPSTME, Mumbai.

• **ALUMNI SPEAKS**

My journey at MPSTME Shirpur was one of immense personal and professional growth. The college provided a stimulating environment that nurtured my curiosity and encouraged me to explore beyond the curriculum. With the unwavering support of the faculty and the resources available, I was able to pursue challenging projects that culminated in notable achievements, including research paper publications and accolades that have greatly contributed to my academic and professional journey. The emphasis on a balanced approach to learning and development, coupled with a safe and inclusive campus environment, enabled me to push boundaries and realize my potential.

Karin Pithawala
(Batch 2018 – 2022)

Muskan Chopra
(Batch 2020-2024)

As I sit down to pen this article, memories of my time at NMIMS MPSTME flood my mind. My journey as a B. Tech student in Computer Engineering was nothing short of transformative—shaped by challenges, opportunities, and growth that have profoundly impacted my career and outlook on life. The four years at NMIMS helped me turn into a professional. NMIMS has given me the opportunities to grow and nurture my leadership qualities by appointing me as Student Placecom Coordinator for B. Tech Batch of 2024. Graduating with a B. Tech in Computer Science from NMIMS MPSTME was not just an academic achievement; it was the culmination of years of hard work, persistence, and continuous learning. The journey was filled with highs and lows, successes and setbacks, but each experience contributed to my growth. Today, as I navigate the professional world, I carry with me the lessons learned and the values instilled during my time at NMIMS. The journey is far from over; in fact, it has only just begun. I am excited about the future—eager to contribute to the field of technology, to innovate, and to continue learning and growing. In retrospect, my journey at NMIMS was not just about earning a degree; it was about becoming a well-rounded individual, ready to take on the challenges of the real world. For that, I will always be grateful.

INTERNATIONAL STUDY OPPORTUNITIES FOR MPSTME STUDENTS

For B. Tech. Students:

Study for 2 years at MPSTME and rest 2 years at leading universities in Australia:

- University of New South Wales
- University of Canberra
- Western Sydney University

B. Tech. awarded by NMIMS and MS/MBA Awarded by

- Stevens Institute of Technology

Summer School:

- University of California, Berkeley , USA
- Illinois Institute of Technology, Chicago, USA
- University of British Columbia, Vancouver, Canada
- Institute De Mines, Telecom Business School, Paris
- ESSCA - Paris, Angers, Budapest, Shanghai

Internship in USA:

- CIEE – Council on International Educational Exchange

Global Alliances and Networks:

- College Board, Graduate Management Admission Council, Shastri Indo - Canadian Institute.

EDITORIAL TEAM

Advisors:
Director, SVKM's, NMIMS, MPTP, Shirpur Campus
Associate Dean, MPSTME, Shirpur

Editors:
Dr. Sanjay Shrivastava
Dr. Abhijeet Dawle

Graphics & Design:
Mr. Nitin Karaskar

Departmental Coordinators:

Prof. Bhushan Inje (CS & CE)
Dr. Abhijeet Dawle (ASH)

Dr. Praveen Kumar Loharkar (IT & AIML)
Mr. Prasanna Ojha (T&P)

Contact Us

SVKM'S
Narsee Monjee Institute of Management Studies
Deemed to be UNIVERSITY
Mukesh Patel School Of Technology Management & Engineering, Shirpur Campus
Mukesh Patel Technolgy Park, Village: Babulde, Bank of Tapi River, National Highway No: 3, Shirpur.
Pin Code: 425405. Dist. Dhule, Maharashtra, India.

Phone No: 02563 - 286545 / 286546 / 286547 / 286548 / 286549 / 286550
Fax No: 02563-286552
Email : shirpur@nmims.edu