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

ICDTV:2030

February 17-18, 2024

ORGANIZER

Mukesh Patel School of Technology Management & Engineering, Shirpur, Maharashtra, India

IN ASSOCIATION WITH

School of Pharmacy & Technology Management, Shirpur

School of Agricultural Sciences and Technology, Shirpur

Centre for Textile Functions, Shirpur

Indian Society for Technical Education

CONFERENCE VENUE

SVKM's Narsee Monjee Institute of Management Studies
Mukesh Patel School of Technology Management & Engineering, Shirpur

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 | **Conference Website:** http://icdtv.nmims.edu/

Introduction

About the Conference

The International Conference on Digital Technology Vision 2030 is a landmark event that brings together experts, innovators, and thought leaders worldwide to discuss and envision the transformative potential of digital technology in three critical sectors: education, healthcare, and industry. In an era marked by unprecedented technological advancements, this conference is a platform to explore how digital technology can shape the future, foster innovation, and address pressing global challenges.

Conference Overview

The Digital Technology Vision 2030 conference is designed to foster collaboration and knowledge exchange among researchers, industry professionals, policy makers, and educators. The event spans two days and features keynote presentations, panel discussions, workshops, and interactive sessions, providing attendees with a comprehensive understanding of the digital landscape's current state and future possibilities.

Key Outcomes

Participants in the International Conference on Digital Technology Vision 2030 will:

» Gain insights of cutting-edge digital technologies and their practical applications.

» Network peers, industry leaders, and experts in the field.

» Collaborate on interdisciplinary projects and research initiatives.

» Influence policy discussions on the responsible and ethical use of digital technology.

» Explore partnerships and business opportunities in emerging digital markets.

The International Conference on Digital Technology Vision 2030 serves as a catalyst for envisioning a future where digital technology revolutionizes education, healthcare, and industry. By bringing together diverse stakeholders, this conference fosters collaboration and innovation, driving us toward a future where digital technology enhances the quality of life, supports sustainable development, and addresses most pressing challenges.

Paper Submission

Guidelines for Authors:

1. Abstract should not exceed 250 words and to be submitted on **https://forms.gle/QXsC8Ly5SWGEpdvg8**

2. Length of the full papers; 3000 words and Keywords can be up to 10

3. Font-Times New Roman, size 12, regular, spacing 1.5, single column in A4 size.

4. The papers should contain the titles of the paper, author's name, contact no., e-mail id, organization address, city, state and country. Presenting authors should be marked with asterisk.

5. The TITLE should be written in capitals.

6. On Acceptance of abstract, full paper can be submitted through email to **dtv2030.scientific@nmims.edu**

7. For further details on registration, guidelines of abstract and full paper submission, Poster/Oral presentation format and any other queries, please visit the conference website: **https://icdtv.nmims.edu/download.php**

A group of reviewers will review all submitted abstracts. Suitable papers will be considered for publication in conference proceedings with ISBN.

Note: On acceptance of abstract, proceed for registration using link: **https://forms.gle/QXsC8Ly5SWGEpdvg8**

Call for Papers

The International Conference on, "Digital Technology Vision 2030: Transforming Healthcare, Education and Industry" takes pleasure in inviting you to submit review and research findings of original scientific work for presentation and publication on the following tracks:

Track 1: Big Data Analytics and AI across Sectors

» Role of AI and Machine Learning in Basic Sciences
» Emerging Trends in Logistics and Supply Chain Digitization
» Data Analytics for Finance, Marketing Transformation
» Digital Twins and Industry 4.0 Integration
» Data-Driven Prognosis and IoT Applications
» Advancements in Information Technology and Communication Systems
» Advanced Image Processing and Computer Vision
» Smart Cities and Sustainable Technologies

Track 2: Innovations in Healthcare and Pharmaceutical Sciences

» Healthcare Analytics and Data-driven Insights
» AI and Deep Learning in Healthcare
» Telehealth and Telemedicine Advances
» Medical Robotics and AI-Assisted Surgery
» Hospital Management and Efficiency
» Machine Learning in Clinical Decision Support Systems
» Emerging Trends in Clinical Trials
» Public Health Management in the Digital Era

Track 3: Smart Agriculture, Manufacturing and Industry 5.0

» Industrial Robotics, Human-Machine Interaction and Automation in Industry 5.0
» IoT Applications in Smart Agriculture and Manufacturing
» Data-Driven Decision-Making in Industry
» AI and ML in Agriculture 5.0 and Beyond
» Supply Chain Management in the Digital Age
» Sustainable Agriculture and Precision Farming
» Advanced GIS, GPS, and Drone Applications

Track 4: Digital Transformation in Textiles and Wearables

» AI-Enabled Textile Automation
» Wearable Smart Textiles and Fashion Technology
» Additive Manufacturing (3D Printing) in Textiles
» Sustainable Textile Innovations
» Wireless Sensor Networks for Textile Monitoring
» Generative AI for Textile Design

Track 5: Future-Proofing Industry with Digital Technologies

» Cybersecurity Strategies for Industry 4.0 and 5.0
» Use of Simulation in Industrial Processes
» Supply Chain Optimization through IoT
» Personalized Education and Adaptive Learning
» Secure Blockchain Networks for Industry and Cryptocurrency
» Use of ICT in Teaching-Learning Processes
» Green technologies in the field of Energy and Transportation
» Wireless Sensor Networks and IoT Connectivity

These topics are not exhaustive, submissions are welcome on the topics relevant to the conference theme.

Important Dates

- Last Date of Submission of Abstract: 15th December 2023
- Last Date of Submission of full Papers: 15th January 2024
- Last Date of Early Bird Registration: 1st January 2024
- Last Date of Conference Registration: 10th February 2024

S. N.	Participant	Early Bird registration Till 1st Jan. 2024	Registration from 2nd Jan to 25th Jan 2024	Late Registration from 26th Jan to 10th Feb. 2024
1.	International Delegates (Virtual)	200 $ + GST as applicable	200 $ + GST as applicable	200 $ + GST as applicable
2.	Industry Personnel	₹ 4,810	₹ 5,900	₹ 6,490
3.	Academia	₹ 3540	₹ 4130	₹ 4,720
4.	Research Scholar / Student	₹ 2124	₹ 2360	₹ 2,596
5.	SVKM's Research Scholar / Student	₹ 1800	₹ 2000	₹ 2200
6.	SVKM's Academia	₹ 3000	₹ 3500	₹ 4000

Please Note: The Registration charges mentioned above includes the 18% GST amount.
No GST amount is charged for SVKM's Academia, Research Scholars/ Students.

Mode of Payment

» Please visit conference website for details:
  https://icdtv.nmims.edu/Imp-Dates.php

» Online payment : Through NEFT / RTGS / fund transfer to account as per details given below:
  - Beneficiary Name   : SVKM's NMIMS
  - Bank Name   : HDFC Bank Ltd
  - Account No.   : 13871450000032
  - Branch Name & Address : C.S. #3893, A, Main Road,
    Mukesh Bhai Patel Complex,
    Dist. Dhule, Shirpur-425405,
    Maharashtra, India.
  - RTGS/NEFT/IFS Code : HDFC0001387
  - MICR Code   : 425240052

Who can Participate?

Professionals from Medical, Engineering, Pharma, Healthcare, Agriculture sectors along with research scholars from various disciplines like:

- IT / Computer Industry
- Pharma Industry
- Academics from Pharmacy / Engineering / Healthcare / Agriculture
- Scientist / Research Scholar
- Engineering, Management and Healthcare Fraternity
- IT and Information Service Providers

Best Paper Award

Appreciation certificate will be given for the best oral presentation / poster presentation in the conference.

Accommodation

Fully furnished accommodation on sharing basis will be provided to the participants on first-come-first-served basis in the campus hostels. Those who wish to stay in hotel should make the reservations themselves. Details are available on website.

Key Speakers

This global conference extends invitations to speakers from the fields of digital technology, healthcare, education, and industry. It aims to unite professionals from both industry and academia, fostering an environment where they can collectively delve into the revolutionary potential of digital technology across diverse sectors, facilitating the sharing of expertise and collaboration with leading professionals.

Shri Vile Parle Kelavani Mandal

Shri Vile Parle Kelavani Mandal is a Public Charitable Trust registered under the Societies Registration Act and Bombay Public Trust Act. From its humble beginnings in 1934, when it took over the Rashtriya Shala, a school established in 1921 in the wake of the National Movement, the Mandal today has grown into a big educational organization imparting high-level education to more than 35,000 students.

Over the past 80 years, the Mandal has developed a large educational complex in Vile Parle in Suburban Mumbai and has spread its wings to metro cities like, Bangalore, Hyderabad, Chandigarh, Ahmadabad, Navi Mumbai, Indore, etc., SVKM today is proud of some of the finest educational institutes in the country like NMIMS deemed to be University, N.M. College of Commerce and Economics, Mithibai College, D.J. Sanghvi College of Engineering, Bhagubhai Mafatlal Polytechnic to name a few. It has also in its family, schools from Nursery to Secondary, Jr. College providing ICSE, IB, IGCSE and CBSE curriculum. With a strong vision and passion for being the pioneers of the modern education system, all SVKM institutes are state of the art, with ever expanding facilities and infrastructure to foster innovation, and address pressing global challenges.

SVKM's NMIMS

What started with baby steps in 1981 as NMIMS, has today emerged as a globally reputed university. Always socially conscious, the Shri Vile Parle Kelavani Mandal (SVKM) made the decision to cater to the rising demand of management institutes in the country. This led to the birth of the Narsee Monjee Institute of Management Studies (NMIMS). It began humbly by offering two-year full-time master's programme in management studies with 4 full time faculty, 3162 books and an intake of 40 students above Bhaidas Hall, Vile Parle (West), Mumbai. From its temporary location at Bhaidas auditorium, NMIMS moved to a large complex of over 5,50,000 sq feet where it stands today as a landmark in the heart of Mumbai at Vile Parle, an affluent suburb of the city.

Built on this inspiring legacy, today, NMIMS stands proud as a Deemed-to-be-University offering programs in multiple disciplines across multiple campuses. What started as an institute in a small building has caught the attention of the world, thanks to their 17 specialized schools. More than 17000 students and about 750 full-time faculty members, 10 faculty members with Fulbright Scholarship and Humboldt International Scholarship for post-doctoral researchers are part of India's most sought after academic community. The consistent academic quality, research focus, faculty from top national and global institutes and strong industry linkages at NMIMS have placed it amongst the nation's prime centers of educational excellence and research today.

Keeping pace with the ever-evolving education scenario and to meet international standards, NMIMS has taken major initiatives in terms of programs, curriculum development, international linkages, placements and students' development. It has transformed into a globalized centre of learning, providing its students a balanced exposure to research, academics and practical aspects of the industry.

The meteoric growth of NMIMS is reflected in its core belief-that learning is most fruitful when knowledge and expertise of individuals from various disciplines and diverse backgrounds are shared. Diversity has always been the mainstay of the University as it provides a cutting edge to professional education. Innovation is the key to progress in the modern world, and pursuit of excellence of the University has led to constant upgradation and adding newer areas of education and research to make the programs more relevant. Harboring a sense of openness, participation and fairness has helped NMIMS build a culture that is conducive to learning and continuous growth.

The University believes in equipping students with the knowledge and skills in their chosen streams, inculcate values, identify hidden talents, and provide opportunities for students to realize their full potential. It believes in nurturing a scientific spirit of inquiry among the students, and by providing value-based education, mould them into leaders and responsible citizens, who will go on to play the role of changemakers in society.
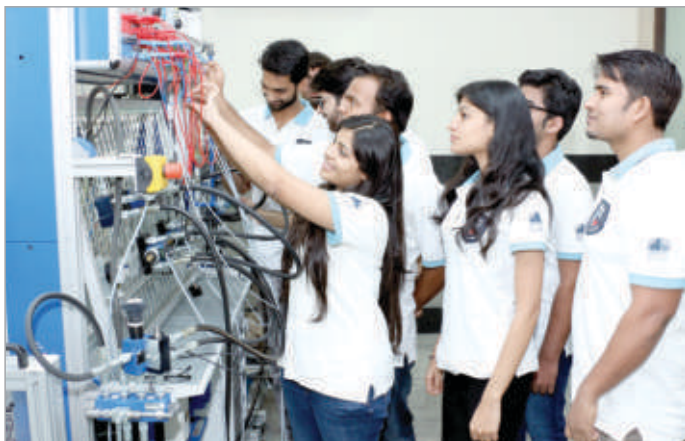
Mukesh Patel Technology Park (MPTP)

SVKM's NMIMS, Mukesh Patel Technology Park, Shirpur Campus is an integrated campus approved by All India Council for Technical Education (AICTE), New Delhi. SVKM'S NMIMS Shirpur Campus is an affiliate of NMIMS (Deemed-to-be-University), which has been accredited with A+ Grade by National Assessment and Accreditation Council (NAAC) and has been recognized as a Tier 1 University by University Grants Commission (UGC). The picturesque riverside campus of NMIMS, Shirpur Campus, has a rich tradition of pursuing academic excellence and offers industry-oriented academic programs and excellent research infrastructure to equip its students with the skill set required to succeed in industry. It offers programs in Engineering, Pharmacy, Agriculture and Textiles. The multi-disciplinary nature of programs offered on campus allows it to impart an inter-disciplinary education to all its students. Faculty members have been carefully chosen so as to provide the right exposure and experience from industry and academia to the students. Regular interactions with experts from industry as well as the industry internship program ensures that students are well-equipped to understand the demands and expectations from industry. In addition, the University has also tied up with industry major IBM & leading international learning platform, Coursera, to ensure that its students have access to the latest cutting-edge curriculum. The campus endeavors to provide a holistic education to all its students, laying emphasis on all round development of the individual. NMIMS Shirpur is a residential campus, which ensures that there are plenty of opportunities for students to learn even beyond the classrooms. The philosophy of the campus is to provide enough opportunities and resources to its students so as to motivate them to become self-directed life-long learners. The Campus' success in all these endeavours is reflected by the excellent performance and achievements of its alumni, whether it is in industry, higher education or entrepreneurship.

Shirpur is one of the best towns in Maharashtra located in Dhule District, which has the border touching to Madhya Pradesh and Gujarat. It is well connected by Road and Rail to Mumbai in Maharashtra, to Indore in Madhya Pradesh and to Vadodara in Gujarat. Shirpur is a perfect example of a model township which has been developed by local organizations under the leadership of Hon'ble Shri. Amrishbhai Patel, MLC, Maharashtra, President SVKM and Chancellor, SVKM's NMIMS, Mumbai, India. The Shirpur campus has also received DEWANG MEHTA, National Education Best Campus Award in 2015.

Mukesh Patel School of Technology Management & Engineering (MPSTME), Shirpur

Mukesh Patel School of Technology Management & Engineering, Shirpur embarked on its journey in 2007 as a small family but has since experienced remarkable growth over nearly 16 years. MPSTME Shirpur, located in the heart of North Maharashtra, has emerged as one of the premier engineering institutes in the region. The institution was founded with the noble mission of establishing an innovative and integrated platform for technology education, infused with strong management principles that align with the ever-evolving needs of both industry and society.

The vision was to nurture engineers who not only possessed solid technical expertise but also had the foresight to apply their knowledge towards creating technology that addresses the dynamic demands of the modern world. Today, MPSTME, Shirpur is a testament to the realization of this vision. With cutting-edge programs like Data Science and AIML, state-of-the-art laboratories, a lush green riverside campus, and world-class infrastructure, MPSTME Shirpur has created an environment conducive to holistic learning and growth.

One noteworthy initiative undertaken by the college is the introduction of a unique five-year MBA.Tech dual degree program in Computer and Data Science. This program merges engineering and management education, producing graduates who are not only technically proficient but also possess essential managerial skills, rendering them well-prepared for the demands of the industry. MPSTME, Shirpur offers a Bachelor of Technology (B.Tech) program in Computer Engineering (CE), Computer Science (CS), Information Technology (IT), and Artificial Intelligence and Machine Learning (AIML). These programs are designed to provide students with a strong foundational knowledge in their chosen fields.

The journey of MPSTME Shirpur has been marked by several notable achievements, including being awarded the "Best Education Institution in Engineering" by Golden Globe Tiger in 2016. Moreover, the institution's commitment to infrastructure development is evident in the construction of modern residential complexes equipped with all essential amenities and expansive sports facilities to enhance the student experience.

Beyond the realm of academics, MPSTME believes in providing a well-rounded experience to its students. Extracurricular activities encompass social events, sports competitions, industry visits, and internship opportunities. These activities not only promote personal growth but also equip students with the skills and experiences necessary to navigate the challenges of the real world. At MPSTME Shirpur, pride is taken in the accomplishments of its students. They have not only participated but have also excelled in prestigious international events such as SUAS in Maryland, USA, and national events like HPVC, ESVC, SAE BAJA, Smart India Hackathon, and many more. These achievements reflect not only the dedication of the students but also the quality of education and support they receive from the institution. As MPSTME, Shirpur continues its journey of excellence, it remains committed to fostering innovation, nurturing talent, and empowering its students to become future leaders in the ever-evolving world of technology.

Center for Textile Functions (CTF), Shirpur

The Centre for Textile Functions (CTF) was established in 2007 as a part of Mukesh Patel School of Technology Management & Engineering, Shirpur. CTF offers Diploma in Textile Technology program that covers various segments of the textile industry including Spinning, Weaving, Knitting, Garmenting, Chemical Processing, and Technical Textiles. A new concept of "See and learn" and "work and learn" is adopted with Industry support in the CTF programs. CTF signed MOU with Textile Industries at Shirpur Textile Park to facilitate practical sessions, training and project development. The CTF offers a unique educational experience with a focus on practical learning.

Exposure towards Automated Technology in Textile Manufacturing segment is the key potential teaching pedagogy CTF has adopted. Key features include hands-on industrial exposure in the Textile Park, Shirpur, and other textile industries, in-plant training covering various textile manufacturing processes and mentorship by experienced industry professionals. The strengths of CTF lie in its modern infrastructure, industry collaborations for curriculum development and faculty with extensive industrial expertise. Students benefit from practical training, industry-oriented projects and enjoy diverse career opportunities in sectors such as Process Engineering, R&D, Production Control, Technical Sales, Quality Control, Corporate Management, Industrial Engineering, Product Development, Marketing, and more.

School of Pharmacy & Technology Management, Shirpur

The School of Pharmacy and Technology Management, under the visionary goal of establishing an internationally acclaimed pharmacy institution by 2030, is a shining example of academic excellence within SVKM's NMIMS. Our mission revolves around imparting top-tier pharmacy education, fostering cutting-edge research, and nurturing self-reliant pharmacists capable of global competition.

Established in 2007, the School of Pharmacy & Technology Management prides itself on its state-of-the-art laboratory facilities, the use of advanced teaching methods, and a remarkable library infrastructure. At the School of Pharmacy & Technology Management, our mission is to play a pivotal role in shaping the future of pharmacy education and research on a global scale. We hold a prestigious 6-years accreditation from the National Board of Accreditation, ensuring our commitment to maintaining the highest educational standards. What distinguishes us, is our steadfast dedication to staying aligned with industry needs. We regularly seek inputs from industry professionals, present on our Board of Studies, to ensure that, our programs remain finely tuned to meet the demands of the field. Our exceptional faculty members, hailing from diverse backgrounds, both academia and industry, further reinforce our emphasis on providing top-quality education and preparing students for careers in the industry. Research is one of the fundamental pillars of our institution, with our proficient faculty members actively involved in various research areas, such as computer-aided drug design (CADD), the development of analytical methods, innovative approaches to drug delivery systems (NDDS), and the evaluation of the phytochemical and pharmacological properties of drugs. Our courses and practical training are meticulously designed to adapt to the ever-evolving requirements of the pharmaceutical industry and the healthcare sector. Recognizing our unwavering commitment to excellence, we were honored with the "Best Institute in Pharmacy" award by 'DNA and Stars Group'.

School of Agricultural Sciences & Technology, Shirpur

School of Agricultural Sciences & Technology (SAST) Shirpur started in 2019. The School focuses on teaching, research and outreach, the three arms of agricultural research and education to meet the stakeholders' aspirations with more participatory approach. SAST has designed an efficient and robust agricultural education curriculum in line with national agricultural education systems as recommended by the ICAR. The skills of prospective graduates are honed through practical training in agriculture and allied sectors; and assurance of learning to develop into future researchers or entrepreneurs. We involve our students in experiential learning projects and agro-industrial attachments wherein they gain expertise beyond academics. The tie-ups with agro-industries and renowned NGOs give an edge during internships. The School committed to bring in a prosperity to the lives of majority of small and marginal farm holders by providing an efficient platform to provide solutions for enhanced farm productivity, profitability and sustainable livelihoods. Within 4 years of its establishment, the School has established a 117-acre farm, state-of-the-art infrastructure, laboratories, and intellectual legacy for making classroom and practical learning more enjoyable and intriguing. Placements, patent publication, and laurels in hackathons are some of the significant achievements of the very first batch. The legacy left by them motivates the successive batches.

Committee

CHIEF PATRONS

Shri Amrishbhai R. Patel
Chancellor, SVKM's NMIMS and President, SVKM

Shri Bhupeshbhai R. Patel
Joint President, SVKM

PATRONS

Dr. Jayant Gandhi, Hon. Secretary, SVKM

Shri Rajgopal Bhandari, Member Managing Committee, SVKM & Mentor, MPTP Shirpur Campus

Dr. Ramesh Bhat, Vice Chancellor, SVKM's NMIMS

CHAIRMAN

Director, MPTP Shirpur Campus

ORGANIZING SECRETARY

Dr. Venkatadri Marriboyina, Associate Dean, MPSTME, Shirpur

ORGANIZING COMMITTEE

Dr. Suseelendra Desai, Dean, School of Agricultural Sciences &Technology, Shirpur

Associate Dean, School of Pharmacy & Technology Management, Shirpur

Dr. Arup Rakshit, Associate Dean, Centre for Textile Functions, Shirpur

Dr. Indra Singh, Associate Dean, School of Agricultural Sciences & Technology, Shirpur

Dr. Rakesh Chaudhari, Associate Professor, Mukesh Patel School of Technology Management and Engineering, Shirpur

Dr. Shashikant Bagade, Associate Professor, School of Pharmacy & Technology Management, Shirpur

Dr. Payal Rahul Dande, Section Head, School of Pharmacy & Technology Management, Shirpur

ADMINISTRATION

Mr. Rahul Dande, Chief Accountant and Administrator, MPTP Shirpur Campus

Mr. Bhupesh Jaware, Deputy Registrar, MPTP Shirpur Campus

How to reach Shirpur Location

By Air : Nearest Airports- Indore, Aurangabad (200km) and Mumbai (370 km).
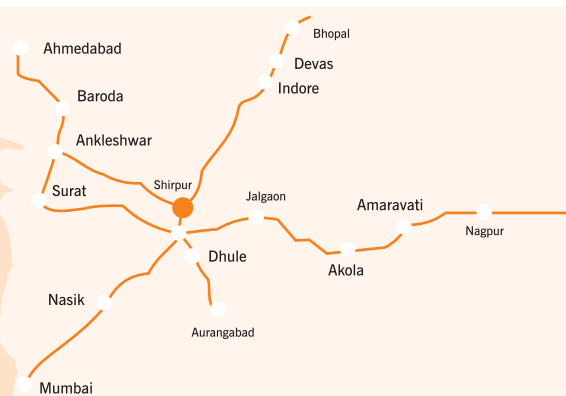
By Railway : The nearest prominent railway stations on the main route are Chalisgaon, Jalgaon (MS), Bhusawal (MS), 120 km, Manmad (150km) (Central Railway) and Amalner, (50) KM, Nandurbar (MS), 85 KM (Western Railway via Surat, Ahmadabad route). Mumbai-Dhule.

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)

ORGANIZING SECRETARY

Dr. Venkatadri Marriboyina
Associate Dean, MPSTME, Shirpur

Mukesh Patel Technology Park, Near Tapi River Bridge, Mumbai-Agra Road, NH 3,
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