



International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025)

28th & 29th March, 2025

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ORGANIZER

SVKM's NMIMS Deemed to be University
School of Pharmacy & Technology Management,
Shirpur Campus

IN ASSOCIATION WITH

- Mukesh Patel School of Technology Management & Engineering (MPSTME), Shirpur Campus
- School of Agricultural Sciences & Technology (SAST), Shirpur Campus
- Centre for Textile Functions (CTF), Shirpur Campus

CONFERENCE VENUE

**SVKM's NMIMS Deemed to be University,
Mukesh Patel Technology Park,**

Babulde Bank of Tapi River, Mumbai-Agra Road, NH 3, Shirpur, Dist-Dhule-425405 (Maharashtra), India.

Website: www.nmims.edu | Conference Website: <https://icngt2025.nmims.edu/>

ABOUT US

Shri Vile Parle Kelavani Mandal (SVKM) is a Public Charitable Trust registered under the Society's

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 complex imparting high-level education to more than 35,000 students spreading its campuses across the nation in cities like- Mumbai, Bangalore, Hyderabad, Chandigarh, Ahmedabad, Navi Mumbai, Indore and Shirpur. With a strong vision and passion for being the pioneers of the modern education system, all SVKM institutes are well-equipped with the state-of-art facilities and vibrant infrastructure.



Narsee Monjee Institute of Management Studies (NMIMS) Deemed-to-be-University

SVKM's NMIMS, a premier Indian university, has evolved significantly since its inception in 1981. Starting with a Master's in Management Studies with 40 students, it now boasts 7 faculty / departments running 17 specialized schools with more than 29,000 students and about 1550 full-time faculty members. 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 centres of educational excellence and research today.

NMIMS Shirpur Campus- Mukesh Patel Technology Park (MPTP)

SVKM's NMIMS, Shirpur Campus-MPTP is approved by AICTE, UGC and accredited A+ by NAAC, offers industry-oriented programs in Engineering, Pharmacy, Agriculture, and Textile. The picturesque campus boasts excellent research infrastructure and inter-disciplinary education. Located at Shirpur, of Dhule district in Maharashtra, India, it has won "Dewang Mehta National Education Best Campus Award".

School of Pharmacy & Technology Management (SPTM), Shirpur

School of Pharmacy and Technology Management at SVKM's NMIMS, established in 2007, aims to become a globally acclaimed institution by 2030. Accredited by the Pharmacy Council of India (PCI) and the National Board of Accreditation (NBA), it offers top-tier education, cutting-edge research, and industry-relevant programs. With state-of-the-art facilities and award-winning faculty, the school focuses on areas like Novel Drug Delivery Systems and Computer-Aided Drug Design. It has honor of "Best Institute in Pharmacy" award by 'DNA and Stars Group'.



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

Mukesh Patel School of Technology Management and Engineering (MPSTME) is renowned for offering an exceptional blend of academic rigour, cutting-edge technology, and industry-relevant education. The institute is equipped with state-of-the-art infrastructure, including advanced laboratories, innovation hubs, and smart classrooms, providing students with hands-on learning experiences, fostering deep learning, innovation, and research. The institute is committed to excellence in research, with a growing emphasis on industry-academic collaborations by partnering with leading tech companies, research institutions, and international universities, ensuring global best practices with the latest

technological advancements. MPSTME Shirpur stands as one of the premier Engineering and Management schools in India with its industry-driven education, worldclass facilities, and strategic collaborations.

Centre for Textile Functions (CTF), Shirpur

Centre for Textile functions established in 2007, offers a Diploma in Textile Technology program, specifically designed to meet the diverse needs of the Textile sector. The curriculum spans key areas such as Spinning, Weaving, Knitting, Garmenting, Chemical Processing, and Technical Textiles, ensuring students are well-prepared for various industry segments. Embraces a "See and Learn, Work and Learn" approach with support from the Textile Industry at Shirpur, equipping students with hands-on experience alongside theoretical knowledge.

School of Agricultural Sciences and Technology (SAST), Shirpur

School of Agricultural Sciences and Technology (SAST) Shirpur, started in 2019, offers a robust curriculum aligned with ICAR guidelines. It focuses on practical training, experiential learning, and industry partnerships to develop future researchers and entrepreneurs. SAST boasts a 117-acre farm, advanced infrastructure, and notable achievements in placements, patents, and hackathons.

ABOUT THE CONFERENCE (ICNGT-2025)

International Conference on Next Generation Technologies for Sustainable Development (ICNGT-2025):

This is the 4th conference at NMIMS Shirpur, convening specialists, innovators, and intellectual leaders globally to deliberate and conceptualize the transformative capabilities of Next Generation Technologies within the realm of Sustainable Development. In a period characterized by unparalleled technological progress, ICNGT–2025 serves as a forum to investigate the ways in which Next Generation Technologies can redefine the future, stimulate innovation, and confront urgent global issues. The International Conference on Next Generation Technologies for Sustainable Development (ICNGT–2025) is meticulously crafted to promote collaboration and the exchange of knowledge among researchers, industry stakeholders, policymakers, educators, and students. The conference is intended to act as a catalyst for imagining a future in which innovation transfigures education, healthcare, and industry, propelling us toward an era where Next Generation Technologies elevate the quality of life and contribute to sustainable development in tackling the world's most critical challenges.

Key Outcomes

Participants in the International Conference on Next Generation Technologies for Sustainable Developments (ICNGT-2025) 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.

Call for Papers

The ICNGT–2025 invites submissions of original, unpublished, and high-quality scientific research contributions manifested as research articles, comprehensive review papers, and empirical research findings intended for both presentation and publication from scholars, researchers, developers, engineers, students, industry experts, practitioners and academicians within India and internationally. Contributions to ICNGT–2025 are expected to accentuate innovative insights, practical implementations, and the ramifications of advanced Next Generation Technologies on the enhancement of human quality of life, the promotion of sustainable development, and the resolution of the paramount challenges encountered by the global populace.

Manuscripts focusing on technologies such as

- Artificial Intelligence (AI)
- Quantum Computing
- Simulation and Modelling
- Biotechnology
- Nanotechnology
- mHealth
- Telemedicine
- Renewable Energy
- Genomics
- Smart Grid
- Chiplets
- UI/UX
- Internet of Things (IoT)
- Robotics and Automation
- Data Analytics
- 3D Printing and Design
- Bioinformatics
- Nano-bubble Technology
- Geothermal Systems
- Smart Textiles
- Elastocalorics
- 5G
- Digital Twins
- Cloud Computing, Blockchain
- Cyber Security and Forensics
- Augmented and Virtual Reality (AR-VR)
- Personalized and Preventive Medicines
- Sustainable Agriculture and Food Security,
- Antimicrobial and Odor-Control Technologies
- Electronic Health Records
- Statistical Tools/Techniques
- Integrated Nutrient Management
- Genomics and Proteomics
- Reconfigurable Intelligent Surfaces

among others, may be submitted under the specified tracks outlined below

Conference Tracks

- **Track-I** : Pharmaceutical Sciences, Drug delivery, Drug Testing, Diagnostics and medical devices for Healthcare Sustainability;
- **Track-II** : Sustainable Water Management, Climate Change Mitigation, and Clean Energy Solutions for a Resilient Future;
- **Track-III** : Textile Technology: Technical Textiles, Smart Textiles and Sustainable Textile Manufacturing;
- **Track-IV** : A Cutting-edge agricultural technologies for Sustainable farming, Precision Agriculture and Food Security;
- **Track-V** : Engineering advancements for Sustainable development with Smart systems;
- **Track-VI** : Transformative Digital Technologies in Education;
- **Track-VII** : Technologies promoting Accessibility and Equity in education;
- **Track-VIII** : Safety, Security and ethical use of digital technologies for Sustainable Societies;

* Authors may submit articles on various subfields relevant to the theme which are not limited to the above list.

PUBLICATION

Routledge Taylor and Francis (T&F) constitute a prominent global publishing enterprise that is committed to rendering high-calibre research comprehensible and accessible to individuals worldwide, thereby facilitating the convergence of diverse individuals, concepts, and perspectives to disseminate the insights of experts, theoretical frameworks, and empirical truths. All full-length papers that receive acceptance at the ICNGT-2025 Conference will be compiled in a conference proceeding published by Routledge, Taylor and Francis (T&F) in both print and electronic formats, each possessing an ISBN for the book and a DOI for each respective chapter, along with promotional activities on the T&F website. T&F will advocate for the published volume to be considered for **indexing by Scopus**, contingent upon adherence to Scopus's selection criteria and the fulfillment of the scope and quality standards requisite for **Scopus Indexing**. Abstracts of presentations (oral/posters) will be published in conference souvenir cum abstract book.

Best Paper Award and Appreciation

Best Paper Award and Appreciation certificate will be given for the best oral and poster presentation in the conference.

Paper Submission (Guidelines for Authors)

1. Abstract should not exceed 250 words (Including 5-6 Keywords).
2. Full length paper should not exceed 3000 words including references and upto 6 figures and/or tables.
3. Paper should be structured in Abstract, Introduction, Experimental, Results & discussion, Conclusions and References.
4. Download the manuscript template from the conference website <https://icngt2025.nmims.edu/>
5. The original, unpublished, quality research abstract/full length papers should be submitted via link in the format as a word copy with names of Authors, affiliation & email ids of authors.
6. After review of the papers by editorial board, acceptance/reviewers comments will be sent to the corresponding author. For further details on registration, guidelines of abstract, full paper submission, format and any other queries, please visit the conference website: <https://icngt2025.nmims.edu/>

Review process

A panel of editorial board will conduct double-blind review for each of the contributed papers and abstracts. After review of the papers/abstracts by an editorial board, acceptance/reviewers' comments will be sent to the communicating author. All accepted papers/abstracts shall be presented as (oral/posters) at the conference

Schedule and Registration Important Dates

Call for full length paper/abstract submission	: 20 th November 2024
Deadline for full length paper/abstract submission	: 5 th January 2025
Acceptance of abstract by	: 10 th January 2025
Acceptance of full length paper by	: 10 th January 2025
Last date of Early Bird Registration	: 15 th January 2025
Last date of Registration	: 28 th February 2025
Conference Dates	: 28 th -29 th March 2025

Note: Abstracts if accepted, author/co-author has to register for the event, failing which presentations will not be permitted/ included in the abstract book. One author is allowed to present as corresponding or presenting author.

REGISTRATION

Category	Early Bird INR (Up to 15/01/2025)	Registration INR (16/01/2025 - 28/02/2025)	Spot registration (INR)
UG, PG, PhD Scholars	1500 + 270 (GST)	2000 + 360 (GST)	2500 + 450 (GST)
Academician	2000 + 360 (GST)	2500 + 450 (GST)	3000 + 540 (GST)
Industry person	5000 + 900 (GST)	6000 + 990 (GST)	6500 + 1170 (GST)
International delegate (online)	5000 + 900 (GST)	6000 + 990 (GST)	6500 + 1170 (GST)

- NMIMS/SVKM students/faculties are not required to pay GST
- Group registration of 10 from a single institute will qualify for 10% Discount
- The co-author if any, willing to participate in the conference has to only pay registration/early bird/spot registration fee as per category.

FEES FOR CONFERENCE PROCEEDINGS WITH TAYLOR & FRANCIS PUBLICATION:

If the full length paper is accepted for Taylor & Francis proceedings publication which will be recommended for **Scopus Indexing**, an additional processing fees of INR. 5000 shall be required to be paid in addition to conference registration fees.

Fees include conference kit, certificate, all plenary sessions, conference day meals.

Online Payment Procedure:

Through NEFT/RTGS/ fund transfer to account as per details given below;

- o Beneficiary Name : "SVKM's NMIMS"
- o Bank Name: HDFC Bank Ltd
- o Account No.: 13871450000032
- o Branch Name & Address : C.S. #3893, A, MAIN ROAD, MUKESH BHAI PATEL COMPLEX,
DIST. DHULE, SHIRPUR-425405, MAHARASHTRA, INDIA.
- o RTGS/NEFT/IFS Code: HDFC0001387, MICR Code : 425240052

Accommodation:

Paid accommodation in hostels on sharing basis will be provided to the participants on first-come- first-served basis in the campus hostels. For nearby hotel reservations by self, visit conference website.

Successful Registration:

For successful registration upload the following documents on the Registration link at <https://icngt2025.nmims.edu>

- i. Filled registration form and copyright form available on conference website.
- ii. Plagiarism check report
- iii. Online NEFT Payment Reference No. and Receipt
- iv. Transaction Photocopy with remarks as "ICNGT-2025"



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SVKM'S
NMIMS[®]
Deemed to be UNIVERSITY

SHIRPUR

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**



How to reach Shirpur Location

By Air : Nearest Airports- Indore (200km), Nashik (200km), Aurangabad (200km) and Mumbai (370 km).

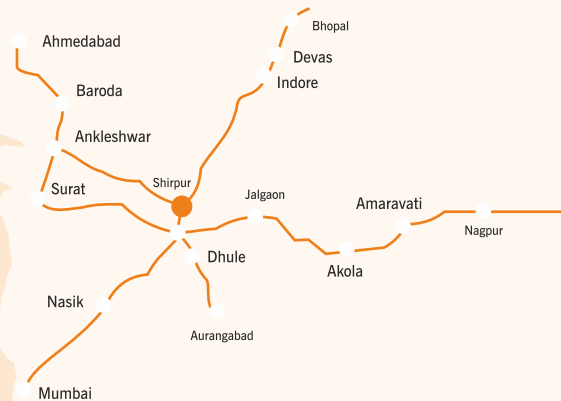
By Railway : The nearest prominent railway stations on the main route are Chalisgaon(CSN), Jalgaon (JL), Bhusawal (BSL), 110 km, Manmad (MMR) (150 km) : Central Railway) and Amalner (AN) (50) KM, Nandurbar (NDB), 85 KM , Sindkheda(SNK), 20km, Nardana(NDN) 15km, (Western Railway via Surat, Ahmadabad route). Mumbai-Dhule(DHI).

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 (110km) and Bhusawal for Shirpur. Buses run between Dhule and Shirpur. 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.



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