Report on

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 also acknowledged the contribution of 2024 Padma Awardees in Science and Technology through a Poster Exhibition during the International Conference. Dr. Madhav Welling, Advisor to the President and Chancellor of 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.

Dr. Ram Gaud, Director, NMIMS Shirpur, delivered a Welcome Address in the Inaugural Program. 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, Joint 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. Dr. Meena Chintamaneni, Pro Vice Chancellor, NMIMS, also graced the occasion with her presence.

Unveiling of Souvenir

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 was chaired by Dr. Munira Munim, 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.

Session I:
Keynote Address

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

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

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

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. 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
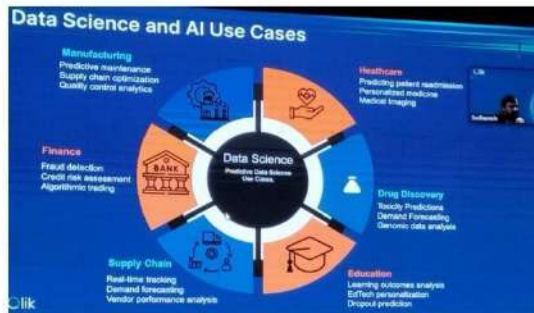Topic: Drone Vision Challenges in Agriculture

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.

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

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.

Session IV:
Plenary Lecture – VI

Dr. Siddharth Srinivasan,
CEO, Lupin Digital Health
Topic: PulseTech: The Digital Therapeutics revolution in Healthcare

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

Co-Chair
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.

Session V:
Plenary Lecture – VII

Mr. Debjit Ghatak,
Head of the Centre for Data Science and AI at IIM
Ahmedabad. (General Manager - Brij Disa Centre)
Topic: AI adoption by industries in India : Challenges,
Readiness and Benefits

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.

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

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.

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. The event concluded with the National Anthem, symbolizing unity and patriotism among the attendees. The Valedictory Program highlighted the key takeaways and achievements of the conference, emphasizing the importance of collaboration and innovation in shaping the future of digital technology.

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