



PROGRAM SCHEDULE

74th

INDIAN PHARMACEUTICAL CONGRESS (IPC)
BENGALURU-2025

THEME: AI & TECHNOLOGY IN PHARMA: EDUCATE, INNOVATE,
EMPOWER



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SCIENTIFIC PROGRAM

74th INDIAN PHARMACEUTICAL CONGRESS (IPC)

Venue: BIEC, Bangalore-2025

THEME: AI & TECHNOLOGY IN PHARMA: EDUCATE, INNOVATE, EMPOWER

Date: December 19, 2025

Venue: Main Inauguration Hall 2 BIEC

09.30 AM to 1.00 PM	<h3>Inauguration of Indian Pharmaceutical Congress 2025</h3>
1.00 to 2.00 PM	LUNCH BREAK
	Presidential Panel Discussion Chair: Dr. Milind J. Umekar & Dr. T. V. Narayana
2.00 to 3.30 PM	Viksit Bharat 2047: India's Potential in Shaping the Future of Global Pharma and Healthcare: Role of Academia, Industry & Regulatory Agencies Moderator: Mr. Harish Jain, LOC Chairman, 74 th IPC & National President, FOPE Panelists: Dr. Annam Visala , Joint Drugs Controller (India) Dr. Suresh Bhojraj , Pro-Chancellor, JSS AHER; Former President-PCI Shri Sudarshan Jain , Secretary General, India Shri Mehul Shah , CMD, Encube Ethicals Shri. Namit Joshi , Chairman, Pharmexcil Dr. Ravleen Singh Khurana , CEO, Nitika Pharmaceuticals Dr. Gaurav Pratap Singh , Senior Principal Scientist, Indian Pharmacopoeia Commission
3.30 to 5.00 PM	AIOCD sponsored session on Pharmacists as advocates of vaccination Speaker: Dr. T. V. Narayana , Secretary IPCA MSPC sponsored session Pharmacy Practice Regulations-2014 Speaker: Dr. B. Suresh , Pro-Chancellor, JSS AHER; Former President, PCI, India Session on Vikasit Bharat Vision 2047: Pharma Speaker: Dr. B. Suresh , Pro-Chancellor, JSS AHER; Former President, PCI, India Mr. Jagannath Shinde , President – All India Organization of Chemists & Druggists Mr. Atul Ahire , President Maharashtra State Pharmacy Council Contributors: IPCA Constituents & AIOCD followed with the formation of the steering committee of all stakeholders.
5.00 to. 5.30 PM	TEA BREAK
7.00 to 8.30 PM	Entertainment and Dinner



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Venue: JACARANDA HALL

Symposium - 1: AI in Drug Discovery and Development Chair: Dr. R. K. Khar & Dr. P. D. Choudhari		
Time	Speakers	Title
2.00 to 3.30 PM	Dr. Sukuru Karunakar Global Vice President- Pharma Product Development & Head-Scientific Advisory, Pharma and Consumer Health Catalent Pharma Solutions, USA	Challenges and Opportunities in Oral Delivery of Macromolecules in the AI Era
	Dr. Twan Lammers Chair of Experimental Molecular Imaging; RWTH Aachen University Germany	Artificial intelligence and advanced imaging technologies to improve cancer nanomedicine clinical performance
	Dr. Joanne Chun Director, Postgraduate Education Programs, Bioengineering and Therapeutic Sciences, Schools of Pharmacy and Medicine, UCSF, USA	AI in Pharmaceutical Education: Preparing the Next Generation for a Technology-Driven Future
Plenary Lecture Series – 1 Chair: Dr. B. Bhoop and Dr. O. P. Katre		
3.30 to 5.00 PM	Dr. Mahendra Patel Director, Centre for Research Equity Oxford University London, UK	Transforming Community Pharmacy: The NHS Pharmacy First Model and the Expansion of Clinical Practice in the United Kingdom
	Dr. M. Raj Rajasekaran Professor of Urology, Research Pharmacologist UCSD; VA San Diego Healthcare System USA	Engineered Silk Fibroin Hydrogels as a Controlled Release Platform for Sustained Antifibrotic Therapy: Targeting Biochemical and Biomechanical Modulation of Fibrosis in Multidimensional in vitro Models
	Dr. Ranjit Barshikar CEO, QbD International, India	AI applications in Pharma Industry
5.00 to. 5.30 PM	TEA BREAK	
Micro Lab Sponsored Symposium – 2 Chair: Dr. Ramkishan & Dr. Swati Shrivastav		
Time	Speakers	Title
5.30 to 7.00 PM	Dr. Shrenik Kole VP/Head- Sterile Product Development, Micro Labs Limited, Bangalore	AI – Changing Complex Generic Drug Product Development
	Dr. Hari Krishna Maram Chairman, Vision Digital India, India	Future of AI: scope and opportunities of Artificial Intelligence in education and industry
	Dr. G. Jagadeesh Formerly Senior Expert Pharmacologist, US-FDA, USA	The emerging trends in the US FDA's approval of new molecular entities and biologics over the past decade. Therapeutic targets and drug innovation.



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Venue: GULMOHAR HALL

Symposium - 3 Writing Research Proposals and Funding Opportunities Dr. Arun Patil & Dr. Mihir Kumar Kar		
Time	Speaker	Title
2.00 to 3.30 PM	Dr. Manish Diwan BIRAC, New Delhi, India	Innovation ecosystem for Atmanirbhar Bharat
	Dr. Dipti Kakkar Thukral Scientist G, ANRF	ANRF research schemes for biomedical researchers
	Dr. Kailash Petkar Scientist-D Department of Scientific and Industrial Research (DSIR), India	Strengthening India's R&D Ecosystem: The pathway to Viksit Bharat
	Dr. Ravleen Kaur Bakshi Scientist D, ICMR, New Delhi, India	ICMR Funding Schemes: Opportunities for Researchers
Symposium - 4: Start-ups in Pharmaceutical Industry: Some Success Stories Chair: Dr. Jaypal Reddy & Dr. G. Q. Jeyabalan		
3.30 to 5.00 PM	Speakers	Title
	Dr. Rahul Purwar Professor, Bioscience and Bioengineering IIT Bombay, India	Journey of India's First Indigenous CAR-T therapy
	Dr. Sandip Kulkarni Founder & CEO, Image ProVision Technology, USA	Revolutionizing Particle Characterization through AI-Based Particle Morphology Analysis
	Dr. Jyothi Teigginamath Managing Director, NiA Pharmaceuticals Australia	Women and Entrepreneurship: A Journey Beyond Boundaries
5.00 to 5.30 PM	TEA BREAK	
Symposium - 5: AI-Based ADMET Prediction in Pre-clinical Drug Development Chair: Dr. Sridhar Reddy & Dr. B. Vishvanath		
Time	Speakers	Title
5.30 to 7.00 PM	Dr. Anant Ketkar Principal Scientist and Scientific Lead – India Simulations Plus, India	Basics of PBPK Modelling and Introduction to GastroPlus® X (GPX) and its Integration with AI
	Dr. Amol Kulkarni Scientist, CSIR-National Chemical Laboratory, Pune Maharashtra, India	Continuous manufacturing in the pharmaceutical industry: Opportunities, Challenges and the Path Forward
	Dr. Rajesh Kumawat Head - Medical Services & Clinical Development at The Himalaya Wellness Company, India	AI and clinical trial optimization: Clinical trials of Herbal Products – A GCP approach



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Shri. K. C. Chatterjee Memorial Lecture (IPGA sponsored) Chair: Dr. Atul Nasa and Dr. Vijay Bhalla		
Time	Speakers	Title
2.00 to 3.00 PM	Dr. P. K. Dutta Chairman and MD, Systopic Laboratories Pvt. Ltd, India	Transformation and Innovation through Technological Skills of Value & Ethics
Dr. B.D. Miglani Memorial Lecture (IHPA sponsored) Chair: Dr. R. A. Gupta and Dr. Pankaj Bector		
3.00 to 4.00 PM	Dr. V. Kalaiselvan, Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission, India	Indian Pharmacopoeia - Ensuring quality and safety beyond borders
Prof. M. L. Khorana Memorial Lecture (IPA sponsored) Chair: Dr. R. N. Gupta and Dr. Subhash Mondal		
4.00 to 5.00 PM	Dr. Pulok Mukherjee Professor, Jadavpur University, Dept. of Pharmaceutical Technology Kolkata, India	Bridging Heritage and Innovation: Omics and Artificial Intelligence in Advancing Traditional Medicine
5.00 to 5.30 PM	TEA BREAK	
Symposium - 6: Pharmacogenomics and Precision Medicine Chair: Dr. Devendra Pathak & Dr. Venkat Ramana		
Time	Speakers	Title
5.30 to 7.00 PM	Dr. Chakradhara Rao S Uppugunduri Professor, JIPMER, Puducherry, India	Optimizing therapeutic outcomes in oncology using pharmacogenomics
	Dr. Murali M. Additional Professor, AIIMS Bhopal, India	Pharmacogenomics and Precision Medicine
	Dr. Chung CEO, Caregen Co. Ltd, South Korea	Pharmacogenomics in drug discovery



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Symposium - 7: Nanoengineered Drug Delivery system and recent trends in Pharm. Technology

Chair: Dr. Deependra Singh & Dr. Rohit Dutt

2.00 to 3.30 PM	Dr. Pardeep Gupta Professor, Burroughs Wellcome Chair, University of Wisconsin-Madison Philadelphia, Pennsylvania, USA	Coarse-Grained Molecular Dynamics Simulation of Lipid Self-Assembly Using the Martini Force Field
	Dr. Rakesh Tekade Professor, NIPER Ahmedabad, India	Next-generation platforms for targeted cancer treatment via technological transformation
	Dr. Narasimha Murthy CSO, Topical Products Testing LLC, USA	Novel Design Approaches in Microneedle- Mediated Drug Delivery

Plenary Lecture Series – 02

Chair: Dr. Rajendra Kakde & Dr. Sohan Chitlange

3.30 to 5.00 PM	Dr. Hemanth Kumar Nambari Scientist-B, Kalam Institute of Health Technology Visakhapatnam, Andhra Pradesh, India	Artificial Intelligence in Healthcare Technology (From Innovation to Production)
	Dr. Basavaraj Nanjwade Chief Scientific Officer, Wexford Laboratories Pvt Ltd Bengaluru, Karnataka, India	AI in medical device development
	Dr. Sneha Ambwani Professor and Head of Pharmacology, AIIMS Jodhpur, India	AI ethical issues, Bias and Challenges in Therapeutics

5.00 to 5.30 PM TEA BREAK

Siddhayu Life Sciences Sponsored Symposium 8: AI-Powered Phytochemical Screening and Lead Identification

Chair: Dr. Arun Garg & Dr. Raman Dang

Time	Speakers	Title
5.30 to 7.00 PM	Dr. Sanjay Jachak Professor, NIPER SAS Nagar, Mohali, India	Application of AI-Driven Ayurinformatics for Development of AYUSH Medicines
	Dr. H. B. Pushpalatha General Manager, The Himalaya Wellness Company, India	Development of Herbal Pharmaceuticals - An approach from academia to Industry
	Dr. Raghavendra P Rao Senior Principal Scientist, Research & Development, The Himalaya Wellness Company, India	AI powered phytochemical screening and lead identification



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Venue: AI Pavilion HALL 3

Workshops and Demonstrations Chair: Dr. Marina Koland		
Time	Resource person	Title
2.00 to 4.15 PM	Dr. Achintya Das Head of Digital transformation and Modeling, Syngene, Bengaluru	AI In Drug Discovery Current Status and Challenges
	Dr. Raghu R CEO, Molecular Solutions, Bengaluru	AI Powered Drug Discovery: Next Gen technologies for Pharma R & D
	Dr. Jitesh Senior Research Scientist, Peptris Technologies Pvt. Ltd, Bengaluru	From Pose to Potency: An AI based Approach to find activity from binding
4.15 to 6.30 PM	Dr. Viswanadhan Vice President, Molecular Solutions, Bengaluru	AI-Accelerated Hit Identification and Virtual Screening
	Dr. Faizans Applications Scientist	From Millions to Trillions: The New Era of Hyper-Scale Virtual Screening
	Dr. Viswanath Principal Scientist- DMPK, Jubilant Biosys, Bengaluru	Hero or Villain? AI & ML in Drug Metabolism and Pharmaco-kinetics





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Venue: Main Hall 2

10.00 to 11.00 AM	<p>“NextGen Pharmacy Leaders: IPA-Students’ Forum”</p> <p>Medam Venkata Komali President, IPA-SF National Executive Council 2025-2026</p>
11.00 to 11.30 AM	<p>Reimaging Ayurveda – Innovating for integrative health</p> <p>Dr. Vikas Bansi, OTC Business Director, The Himalaya Wellness Company, India</p>
	<p>Himalaya led Panel Discussion on</p> <p>From Tradition to Technology: Advancing Drug Discovery through Phytopharmaceuticals in India</p> <p>Chair: Rangesh Paramesh, Director -Intellectual Property, Himalaya Wellness Company, Bangalore</p>
11.30 AM to 1.00 PM	<p>Dr. U. V. Babu Director, R&D, Himalaya Wellness Company, Bangalore</p> <p>Mr. Hitesh Patel Managing Director, K Patel Phytoextractions Pvt Limited, Mumbai</p> <p>Dr. Binu T. Kuruvilla R&D Head, Arjuna Natural Pvt Ltd, Kerala</p> <p>Dr. A. V. Krishna Raju R&D Head, Laila Nutra, Vijayawada</p> <p>Dr. Baidyanath Mishra Head – R&D Healthcare, Dabur India Ltd, Ghaziabad</p> <p>Dr. Sunil Kumar Dubey Senior General Manager, Emami Ltd</p> <p>Mr. Girish Soman Founder Chairman & CEO, Nisarga and Sanvardhini group</p> <p>Dr. Prasoon Gupta Principal Scientist and In-Charge, Natural Products and Med. Chem., IIIM, Jammu</p> <p>Dr. USN Murty Director, NIPER, Guwahati</p>
1.00 to 2.00 PM	<p>LUNCH BREAK</p>
2.00 to 3.30 PM	Pharmacothon
3.30 to 5.00 PM	Elocution Competition
5.00 to 5.30 PM	TEA BREAK
5.30 to 7.00 PM	Scientific Session



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Plenary Lecture series -3 ChemoNumerics: Decoding Molecules with AI, Algorithms and Predicative intelligence

Chair: Dr. Harish & Prof. Md. Ishaq Geer

Time	Speakers	Title
10.00 to 11.30 AM	Dr. G. Narahari Sastry Professor, Department of Biotechnology, IIT Hyderabad, India	Machine learning and AI Applications in Protein Structure-Function, Drug Discovery, and Healthcare
	Mr. Aarshit Mittal Chief Product Architect, Aarth Software Pvt. Ltd. Delhi, India	AI-Driven Chemical Intelligence: From Documents to Drug Discovery at Scale
	Dr. Praful R Naik Director & CEO, Prashak Techno Enterprises Pvt. Ltd. Pune, India	Integrated Innovations: Converging PHARMA And AYUSH Sciences to Propel Next-Gen Divergent Innovations & Solutions For Unmet Medical Needs

LOC Organized CDSCO Special Plenary Session

11.30 AM to 1.00 PM	Dr. Rajeev Singh Raghuvanshi Drugs Controller General of India (DCGI)	India Pharma 2047: Reinvent to lead
1.00 to 2.00 PM	LUNCH BREAK	

Plenary Lecture Series – 04 Chair Dr. M. D. Karvekar & Dr. Ketan Patel

Time	Speakers	Title
2.00 to 4.00 PM	Dr. B. Suresh Pro-Chancellor, JSS AHER; Former President, PCI, India	Topic to be announced
	Dr. Indiran Pather Howard University Washington, DC USA	Some Contributions to Buccal and Sublingual Drug Delivery
	Dr. Muralikrishnan Dhanasekaran Harrison College of Pharmacy, Auburn University, USA	Empowering Pharmacists in Bridging Global Healthcare Gaps: The Crucial Role of Outreach in the Subcontinent and Beyond
	Dr. Zeenat Iqbal Professor, Jamia Hamdard, New Delhi, India	Quality by Design (QbD) Approaches for Developing Advanced Periodontal Drug- Delivery Systems
4.00 To 4.30 PM	TEA BREAK	
4.30 to 6.00 PM	AGM of IPA	



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Patlex Business Solutions sponsored Plenary Lecture Series – 5 Chair: Dr. Rubina Bose and Dr. S. Bharath		
Time	Speakers	Title
10.00 to 11.30 AM	Dr. Matam Vijay-Kumar Professor (Tenured), Dept. of Physiology and Pharmacology, The University of Toledo College of Medicine & Life Sciences, Toledo, Ohio, USA	Gut Microbiota in Health and Disease
	Dr. Pooja Goswami Director, RAMJA Genosensor Pvt Ltd. New Delhi, India	Accelerating the AMR Pipeline: How 90-Minute DNA Biosensing Re-defines Drug Discovery, Clinical Trials, and Antibiotic Repurposing
	Mr. Vijaykumar Shivpuje Director, Patlex Business Solutions, Mumbai, India	Breaking the Myths: what Pharma innovators should really know about the patents
Plenary Lecture Series – 06 Synergy of AI in Pharmacy: Smart Classrooms, Smart Simulations, Smart Discovery Chair: Dr. M. D. Burande & Dr. Sirse Krantikumar		
11.30 AM to 1.00 PM	Dr. Mirza Baig Professor, College of Pharmacy, Dubai Medical University, Dubai, U.A.E.	Smart Simulations: Redefining Pharmacy Education for the AI-Driven Healthcare Era
	Dr. Neelima Gupta Instructor NUS, Singapore	AI as a Teaching Partner: Shaping the Future of Pharmacology Education at NUS Medicine
	Dr. Karthik Raman Professor, Department of Data Science and AI, IIT Madras, India	AI, Models and Networks: A trifecta reshaping early-stage drug discovery
1.00 to 2.00 PM	LUNCH BREAK	
Symposium – 09: Biomaterials, Bioengineering, and Microfluidics Dr. Arun Nanda & Dr. Kamla Pathak		
Time	Speakers	Title
2.00 to 4.00 PM	Dr. Debjani Paul Institute Chair Professor, Indian Institute of Technology-Bombay, India	Microfluidic devices for healthcare and biomaterial applications
	Dr. Saikat Chakrabarti Senior Principal Scientist, CSIR-Indian Institute of Chemical Biology, Kolkata, West Bengal, India	AIDIAS: Artificial Intelligence based Diagnostic and Analytical Systems
	Dr. Santosh Dixit Chief Domain Expert, Persistent Systems Pune, Maharashtra, India	AI-Driven Image Analysis: Accelerating Pharmaceutical R&D and Precision Medicine
	Dr. D. B. Ananthanarayana CSO, Ayurvidye Trust, Bangalore	Phytopharmaceuticals Emerging Botanical Drug Development for Opportunities for Indian Pharma Industry
4.00 to 4.30 PM	TEA BREAK	
4.30 to 6.00 PM	Meeting of APTI life members & APTI AWARDS	



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Symposium - 10: Digital Therapeutics: Regulation and Integration into Pharma Chair: Dr. Sanju Nanda & Dr. T. M. Pramod Kumar		
Time	Speakers	Title
10.00 to 11.30 AM	Dr. Muthu Dhandapani Vice President – Quality & Regulatory Compliance, Tricog Health, Bangalore, India	From Algorithm to Bedside: Ensuring Quality, Safety, and Regulatory Compliance in Real-World Deployment of AI Healthcare Solutions
	Dr. Prakash NS Principal Scientist, Research and Development, Himalaya Wellness Company, India	Advanced Laboratory Instrumentation Management and Documentation Trackers with e-LNBs
	Dr. Rafiq Mohamad Principal Research Scientist, Preclinical Services, R&D Center, The Himalaya Wellness Company, India	Regulatory Framework of Product Label Claims - Design and Compliance
Symposium – 11: Advancement in Neurotherapeutics drug discovery Dr. Dadasaheb Kokare & Dr. Brijesh Taksande		
11.30 AM to 1.00 PM	Dr. Samba Reddy Regents Professor, University School of Medicine Bryan, Texas, USA	AI & Neurosteroid-based New Drug Development: FDA Approval of Brexanolone and Ganaxolone for Complex Brain Disorders
	Dr. B. S. Shankarnarayana Rao Professor, Department of Neurophysiology, NIMHANS Bangalore, India	Novel Strategies of Treat Temporal Lobe Epilepsy-induced Cognitive Deficits and Abnormal Synaptic Plasticity
	Dr. Arnab Barik Assistant Professor, CNS, IISc Bengaluru, India	Pain & Itch: The good, the bad, & the ugly
1.00 to 2.00 PM	LUNCH BREAK	
Panel Discussion on National Education Policy (NEP) Chair: Dr. S. K. Kulkarni & Dr. N. Venkateshan		
Time	Policy to Practice: Integrating NEP 2020 Reforms in Pharmacy Institutions	
2.00 to 3.30 PM	Panelists: 1. Dr. Sohan Chithlange , Vice Chancellor, Alard University, Pune, India 2. Dr. Deependra Singh , Professor, Pt. Ravishankar Shukla University, Raipur, India 3. Dr. Atmaram Pawar , Principal, Poona College of Pharmacy, Pune, India Moderator: Dr. Vishal Gupta , Dean (Academics), JSS AHER, Mysuru	
	Session on AI in Preclinical Pharmacology Chair: Dr. Nitin Maniar and Dr. U. K. Patil	
3.30 to 4.00 PM	Application of AI in Preclinical Pharmacology using "Experimental Pharmacology Software Dr. Dharmendra Ahuja , Mentor, Bureau for Health and Education Status Upliftment, India	
4.00 to 4.30 PM	TEA BREAK	
4.30 to 6.00 PM	Meeting of IHPA life members	



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Symposium – 12: 3D Printing of Pharmaceuticals: Challenges & Future Directions

Chair: Shri Raja Bhanu & Dr. Jayaselan

Time	Speaker	Title
10.00 to 11.30 AM	Dr. Subham Banerjee Associate Professor, NIPER Guwahati, India	Additive Manufacturing Mediated Platform Technology in Pharma: Educate, Innovate, Empower
	Dr. Subhadeep Roy Assistant Professor, MRSB BIT- Mesra, India	3D Microphysiological Disease Modeling and Tissue Engineering: Drug screening to personalized therapy
	Dr. Kaushik Chatterjee Professor, Indian Institute of Science, Bangalore, India	3D and 4D Bioprinting for Advancing Healthcare

APTI Sponsored Plenary Session 07: APTI Women Researchers and Investigators Forum

Dr. Milind Umekar & Dr. Vandana Patravale

11.30 AM to 1.00 PM	Prof. Indu Pal Kaur Professor, UIPS, Chandigarh University, India	Womania Pharmayan: A Journey of God's Grace, Courage, and Unconventional Reinvention in Pharma
	Dr. Vishakha Oza Associate Director – Global Safety Sciences, GCSP, Germany	Leadership strategies for thriving in the age of Artificial Intelligence
	Dr. Geetha Manjunath Co-founder and CEO, NIRAMAI Health Analytix, Bangalore, India	Artificial intelligence for equitable breast cancer screening

1.00 to 2.00 PM LUNCH BREAK

Symposium – 13: IPEC India on Excipients as Enablers: Compliance, Safety and Innovation in Drug Development

Chair: Dr. Kaushik Desai & Dr. Chandrakant Ranga

Time	Speakers	Title
2.00 to 4.00 PM	Ajit Singh Chairman, ACG Worldwide	Opening Address
	Dr. Ravleen Singh Khurana CEO, Nitika Pharmaceuticals	Support from excipients manufacture in ensuring the quality and safety of pharma products
	Vishakha Metkar Director, Colorcon Asia	Supplier Qualifications
	Dr. Jitendra Amrutkar Head, Process Technology and Support, ACG	Fluid Bed Excellence in Niche Applications
	Pankaj Deore Senior Scientist, Formulation and Technology, Merck	mPredict™ AI tool predicting Co-Crystal Solutions
	Shrikant Pawar General Manager - Sales, SPI Pharma	Pushing Boundaries with Advanced Drug Delivery Systems
	Kaushik Desai Secretary General, IPEC, India	Open Forum Q&A
	TEA BREAK	
4.30 to 6.00 PM	Meeting of AIDCO Members	



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Workshops and Demonstrations Chair: Dr. Kusum Devi		
Time	Resource Person	Title
10:00 AM to 1.00 PM	Dr. Raja Founder & CEO, Genotypic Technology	The Magic never Stops: AI Driven Genomics in Drug Discovery
	Dr. Anbu Dinesh Applications Scientist, Molecular Solutions	AI-Powered Retrosynthesis and Process Chemistry
	Dr. V. N. Balaji Drug Discovery Research Advisor, Molecular Solutions	AI Powered JNK1 Hit Prediction: Descriptors Drive Superior Classification and Regression.
	Dr. Viswanadhan Vice President, Molecular Solutions	Free Energy perturbation for Accurate Binding affinity and Unbinding kinetics prediction.
1.00 to 2.00 PM	LUNCH BREAK	
2.00 to 4.45 PM	Dr. Ravi Chief Scientific Officer, Pharm DEM.	AI Powered Formulation Intelligence: Accelerating R & D by Eliminating Trial and Error
	Dr. Sameer Agarwal Vice President, Molecule.ai	AI Powered Precision in Drug Discovery: From Serendipity to Strategy
	Dr. Sooriya Kumar Associate Director, Jubilant Biosys.	Reinforcement learning based Molecular Generation
	Dr. Jagadish Vice President, Pharmaids	Domain Expertise: Preventing GIGO in AI Driven Drug Discovery
	Dr. Kamaraj CSO, Transgene IT Solutions	Moving Beyond Paper: Why ELNs Are the Foundation for AI-Ready Research
4.45 to 5.00 PM	TEA BREAK	
5.00 to 7.00 PM	Academic Partners Session	



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Plenary Lecture Series – 08
Chair: Dr. Sunil Attavar & Dr. Gajanan Darvekar

Time	Speakers	Title
10.00 to 11.30 AM	Dr. Md. Azeemuddin Principal Scientist, The Himalaya Wellness Company, India	Preclinical toxicology assessment of Herbal Products
	Dr. Chandrika Mahendra General Manager, Personal Care and Baby Care R&D, The Himalaya Wellness Company, India	Designing Herbal Dermaceuticals
11.30 AM to 1.00 PM	Selected Oral presentations (SR. No. 1-12) Chair: Dr. Prabhakar Reddy & Dr. Prabodh Chander Sharma	
1.00 to 2.00 PM	LUNCH BREAK	
2.00 to 4.00 PM	Valedictory Program Main Hall 2	

Date: December 21, 2025

Venue: GULMOHAR HALL

Plenary Lecture Series – 09
Dr. Sumalatha & Dr. Ramesh Alluri

Time	Speakers	Title
10.00 to 11.00 AM	Dr. Vasundhra Bhandari Assistant Professor, NIPER Hyderabad, India	Precision Antimicrobial Strategies Through Host-Pathogen Multi-Omics
	Dr. Jubie Selvaraj Professor, JSS College of Pharmacy, Ooty, India	Precision Oncology in the AI era: From biomarker discovery to Targeted Therapeutics
11.00 AM to 1.00 PM	Selected Oral presentations (Sr. No. 13-24) Chair: Dr. Muthusamy & Dr. Rakesh Somani	
1.00 to 2.00 PM	LUNCH BREAK	
2.00 to 4.00 PM	Valedictory Program - Main Hall 2	



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Symposium – 14: Pharmaceutical Frontiers: Integrating AI, Innovation, and Sustainability for Future Therapies
Chair: Dr. Tejal Gandhi & Dr. Gopal Krishna Rao

Time	Speakers	Title
10.00 to 11.30 AM	Dr. Siddhesh Kamat Professor, IISER Pune, India	An Integrated Chemoproteomics and Metabolomics Approach Towards Enzyme Function Annotation
	Dr. Rachit Agarwal Associate Professor, IISc Bangalore, India	Long acting injectables for the treatment of tuberculosis
	Dr. Sahadev A. Shankarappa Professor, Ramaiah University of Applied Sciences, Bangalore, India	Drug Delivery Using Neural Pathways: Nanoparticle Design for Axonal Transport
11.30 AM to 1.00 PM	Selected Oral Presentations (Sr. No. 25-41) Chair: Dr. K. R. Mahadik & Dr. Anjan Adhikari	
1.00 to 2.00 PM	LUNCH BREAK	
2.00 to 4.00 PM	Valedictory Program Main Hall 2	

Date: December 21, 2025

Venue: PARIJATHA HALL

Plenary lecture series – 10
Chair: Dr. V. Murugan and Dr. Rajshekharan

Time	Speakers	Title
10.00 to 11.00 AM	Dr. Sanjay Garg Professor, School of Pharmacy and Biomedical Sciences, Adelaide University, SA, Australia	Transforming Patient Care Through Technology-Driven Pharmaceutical Innovation
	Dr. Pranjal Chandra Associate Professor and Ramanujan Fellow, Coordinator, School of Biochemical Engineering, IIT BHU, India	Field Deployable Point-of-Care Sensing Technologies in Decentralized Diagnosis
11.00 AM to 1.00 PM	Selected Oral Presentations (Sr. No. 42-53) Chair: Dr. S. Selvamuthukumar & Dr. S. D. Sawant	
1.00 to 2.00 PM	LUNCH BREAK	
2.00 to 4.00 PM	Valedictory Program Main Hall 2	

Date: December 21, 2025

Venue: AI Pavilion Hall - 3

Workshops and Demonstrations

Time	Live Demonstration
10.00- 11.00 AM	Generative AI and High Throughput Screening – Demo
11.00 - 11.45 AM	AI-Powered JNK1 Hit Prediction: Descriptors Drive Superior Classification and Regression
11.45 – 12.45 PM	AI ML-based ADMET and Patent Analysis - Demo



SCIENTIFIC PROGRAM

74th INDIAN PHARMACEUTICAL CONGRESS (IPC)

Venue: BIEC, Bangalore-2025

THEME: AI & TECHNOLOGY IN PHARMA: EDUCATE, INNOVATE, EMPOWER

Poster Presentation Schedule

Venue: Hall 3

DATE & DAY	TIME SLOT	SESSION	CATEGORY	POSTER SL. NO.	
				FROM	TO
19.12.2025 (FRIDAY)	1 - 4 PM	I	PC	1	540
	4 - 6 PM	II	PC	541	1068
20.12.2025 (SATURDAY)	9.30 - 11.30 AM	III	CH	1	480
	9.30 - 11.30 AM	V	RA	1	115
	11.30 AM - 1.30 PM	IV	CH	481	507
	11.30 AM - 1.30 PM	VI	PL	1	500
	2 - 4 PM	VII	PL	501	683
	2 - 4 PM	VIII	AI	1	356
	4 - 6 PM	IX	PT	1	469

Dr. S. Bharath

Chairman

Poster Scientific Committee

Dr. T. M. Pramod Kumar

Chairman

Oral Scientific Committee

Dr. Vandana Patravale

Convener

Scientific Services Committee