



# PROGRAM SCHEDULE

## 74<sup>th</sup>

### INDIAN PHARMACEUTICAL CONGRESS (IPC) BENGALURU-2025

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



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# SCIENTIFIC PROGRAM

## 74<sup>th</sup> 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

10.00 AM to 1.00 PM	<h2>Inauguration of Indian Pharmaceutical Congress 2025</h2>
1.00 to 2.00 PM	LUNCH BREAK
	<p>Presidential Panel discussion Chair: Dr. Milind Umekar &amp; Dr. T.V. Narayana</p>
2.00 to 3.30 PM	<p><b>Viksit Bharat 2047:</b> Viksit Bharat 2047: India's Potential in shaping the future of Global Pharma and Healthcare: Role of Academia, Industry &amp; Regulatory Agencies Moderator: Mr. Harish Jain, LOC Chairman, 74<sup>th</sup> IPC &amp; 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 Dr. Ranjana Pathak, President, Global Chief Quality officer, Lupin, USA Shri. Namit Joshi, Chairman, Pharmexcil Dr. Ravleen Singh Khurana, CEO, Nikita Pharmaceuticals Dr. Gaurav Pratap Singh, Senior Principal Scientist Indian pharmacopeia commission</p>
3.30 to 5.00 PM	<p>Pharmacists as advocates of vaccination (30 minutes): speaker: Dr.TV Narayana &amp; Execution: AIOCD Pharmacy Practice Regulations-2014 (30 minutes): speaker: Dr.B.Suresh &amp; Executed by MSPC Vikashit Bharat Vision 2047, Pharma: (60-90 minutes): speaker: Dr.B.Suresh, Contributors: IPCA Constituents &amp; AIOCD followed with formation of steering committee of all stakeholders. Mr. Jagannath Shinde. President – All India Organization of Chemists &amp; Druggists Mr. Atul Ahire. President Maharashtra State Pharmacy Council</p>
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	<b>Dr. Sukuru Karunakar</b> 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
	<b>Dr. Twan Lammers</b> Chair of Experimental Molecular Imaging; RWTH Aachen University Germany	Artificial intelligence and advanced imaging technologies to improve cancer nanomedicine clinical performance
	<b>Dr. Joanne Chun</b> 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. Katare

3.30 to 5.00 PM	<b>Dr. Mahendra Patel</b> 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
	<b>Dr. M. Raj Rajasekaran</b> 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
	<b>Ranjit Barshikar</b> 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	<b>Dr. Shrenik Kole</b> VP/Head- Sterile Product development Micro Labs Limited, Bangalore	AI – Changing Complex Generic Drug Product Development
	<b>Dr. Hari Krishna Maram</b> Chairman Vision Digital India, India	Future of AI : scope and opportunities of Artificial Intelligence in education and industry
	<b>Dr. G. Jagadeesh</b> Formerly Senior Expert Pharmacologist at 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	<b>Dr. Manish Diwan</b> BIRAC, New Delhi India	Innovation ecosystem for Atmanirbhar Bharat
	<b>Dr. Dipti Kakkar Thukral</b> Scientist G, ANRF	ANRF research schemes for biomedical researchers
	<b>Dr. Kailash Petkar</b> Scientist-D Department of Scientific and Industrial Research (DSIR) India	Strengthening India's R&D Ecosystem: The pathway to Viksit Bharat
	<b>Dr. Ravleen Kaur Bakshi</b> 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. Jayabelan

Time	Speakers	Title
3.30 to 5.00 PM	<b>Dr. Rahul Purwar</b> Professor Bioscience and Bioengineering IIT Bombay, India	Journey of India's First Indigenous CAR-T therapy
	<b>Dr. Sandip Kulkarni</b> Founder & CEO Image ProVision Technology, USA	Revolutionizing Particle Characterization through AI-Based Particle Morphology Analysis
	<b>Dr. Jyothi Teigginamath</b> 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	<b>Dr. Anant Ketkar</b> Principal Scientist and Scientific Lead – India Simulations Plus, India	Basics of PBPK Modelling and Introduction to GastroPlus® X (GPX) and its Integration with AI
	<b>Amol Kulkarni</b> Scientist, CSIR-National Chemical Laboratory, Pune Maharashtra, India	Continuous manufacturing in the pharmaceutical industry:
	<b>Dr. Rajesh Kumawat</b> 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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<b>Shri. K. C. Chatterjee Memorial Lecture (IPGA sponsored)</b> Chair: Dr. Atul Nasa and Dr. Vijay Bhalla		
2.00 to 3.00 PM	<b>Dr. P.K. Dutta</b> Chairman and MD Systopic laboratories Pvt. Ltd, India	Transformation and Innovation through Technological Skills of Value & Ethics
<b>B.D. Miglani Memorial Lecture (IHPA sponsored)</b> Chair: Dr. R . A. Gupta and Dr. Pankaj Bector		
3.00 to 4.00 PM	<b>Dr. V. Kalaiselvan,</b> Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission, India	Indian Pharmacopoeia - Ensuring quality and safety beyond borders
<b>Prof. M. L. Khorana Memorial Lecture (IPA sponsored)</b> Chair: Dr. R. N. Gupta and Dr. Subhash Mondal		
4.00 to 5.00 PM	<b>Dr. Pulok Mukherjee</b> 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	
<b>Symposium - 6: Pharmacogenomics and Precision Medicine</b> Chair: Dr. Devendra Pathak & Dr. Venkat Ramana		
Time	Speakers	Title
5.30 to 7.00 PM	<b>Dr. Chakradhara Rao S Uppugunduri</b> Professor JIPMER Puducherry India	Optimizing therapeutic outcomes in oncology using pharmacogenomics
	<b>Dr. Murali .M</b> Additional Professor AIIMS Bhopal India	Pharmacogenomics and Precision Medicine
	<b>Dr. Chung</b> 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	<b>Dr. Pardeep Gupta</b> 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
	<b>Dr. Rakesh Tekade</b> Professor, NIPER Ahmedabad, India	Next-generation platforms for targeted cancer treatment via technological transformation
	<b>Narasimha Murthy</b> 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	<b>Hemanth Kumar Nambari</b> Scientist-B, Kalam Institute of Health Technology Visakhapatnam, Andhra Pradesh, India	Artificial Intelligence in Healthcare Technology (From Innovation to Production)
	<b>Dr. Basavaraj Nanjwade</b> Chief Scientific Officer Wexford Laboratories Pvt Ltd Bengaluru, Karnataka, India	AI in medical device development
	<b>Dr. Sneha Ambwani</b> Professor and Head of Pharmacology, AIIMS Jodhpur, India	AI ethical issues, Bias and Challenges in Therapeutics
5.00 to 5.30 PM	TEA BREAK	

### 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	<b>Dr. Sanjay Jachak</b> Professor NIPER SAS Nagar, Mohali, India	Application of AI-Driven Ayurinformatics for Development of AYUSH Medicines
	<b>Dr. H.B. Pushpalatha</b> General Manager The Himalaya Wellness Company, India	Development of Herbal Pharmaceuticals - An approach from academia to Industry
	<b>Dr. Raghavendra P Rao</b> Senior Principal Scientist, Wellness, Drug Discovery, AI/ML, and Healthcare Data Science 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	AI In Drug Discovery Current Status and Challenges
	Dr.Raghu.R, CEO, Molecular Solutions	AI Powered Drug Discovery: Next Gen technologies for Pharma R & D
	Dr.Jitesh, Senior Research Scientist, Peptris Technologies Pvt. Ltd	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	AI-Accelerated Hit Identification and Virtual Screening
	Dr.Faizan, Applications Scientist	From Millions to Trillions: The New Era of Hyper- Scale Virtual Screening
	Dr.Viswanath, Principal Scientist- DMPK, Jubilant Biosys	Hero or Villain? AI & ML in Drug Metabolism and Pharmaco kinetics –
5.00 to. 5.30 PM	TEA BREAK	





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Venue : Main Hall 2

10.00 to 11.30 PM	IPA Student's Forum "NextGen Pharmacy Leaders: IPA-Students' Forum" Speaker: Medam Venkata Komali
11.30 to 1.00 PM	Scientific Session
1.00 to 2.00 PM	LUNCH BREAK
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. Dhanabal & Prof. Md. Ishaq Geer

Time	Speakers	Title
10.00 to 11.30 AM	<b>Dr. G. Narahari Sastry</b> Professor Department of Biotechnology, IIT Hyderabad, India	Machine learning and AI Applications in Protein Structure-Function, Drug Discovery, and Healthcare
	<b>Aarshit Mittal</b> Chief Product Architect Aarth Software Pvt. Ltd. Delhi, India	AI-Driven Chemical Intelligence: From Documents to Drug Discovery at Scale
	<b>Dr. Praful R Naik</b> , 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

### Himalaya led Panel discussion on

**From Tradition to Technology: Advancing Drug Discovery through Phytopharmaceuticals in India.**  
Chair: Rangesh Paramesh Director -Intellectual property, Himalaya Wellness Company, Bangalore

11.30 to 1.00 PM	<b>Dr U.V. Babu</b> , Director – R&D, Himalaya Wellness Company, Bangalore <b>Mr Hitesh Patel</b> , Managing Director, K Patel Phytoextractions Pvt Limited, Mumbai <b>Dr Binu T Kuruvilla</b> , R&D Head, Arjuna Natural Pvt Ltd, Kerala <b>Dr A V Krishna Raju</b> , R&D Head, Laila Nutra, Vijayawada <b>Dr Baidyanath Mishra</b> , Head – R&D Healthcare, Dabur India Ltd, Ghaziabad <b>Dr Sunil Kumar Dubey</b> , Senior General, Manager Emami Ltd <b>Mr Girish Soman</b> , Founder Chairman & CEO, Nisarga and Sanvardhini group <b>Dr Prasoon Gupta</b> , Principal Scientist and In charge, Natural Products and Medicinal Chemistry Division IIIM, Jammu <b>Dr USN Murty</b> Director National Institute of Pharmaceutical Education and Research, Guwahati
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	<b>Dr. B. Suresh</b> Pro-Chancellor, JSS AHER; Former President, PCI, India	Topic to be announced
	<b>Dr. Indiran Pather</b> Howard University Washington, DC USA	Some Contributions to Buccal and Sublingual Drug Delivery
	<b>Dr. Muralikrishnan Dhanasekaran</b> Harrison College of Pharmacy, Auburn University, USA	Empowering Pharmacists in Bridging Global Healthcare Gaps: The Crucial Role of Outreach in the Subcontinent and Beyond
	<b>Dr. Zeenat Iqbal</b> 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. Harish Jain and Dr. S. Bharath

Time	Speakers	Title
10.00 to 11.30 AM	<b>Dr. Matam Vijay-Kumar</b> 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
	<b>Dr. Pooja Goswami</b> 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
	<b>Mr. Vijaykumar Shivpuje</b> Director of 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 to 1.00 PM	<b>Dr. Mirza Baig</b> , College of Pharmacy, Dubai Medical University, Dubai, U.A.E	Smart Simulations: Redefining Pharmacy Education for the AI-Driven Healthcare Era
	<b>Dr. Neelima Gupta</b> Instructor NUS, Singapore	AI as a Teaching Partner: Shaping the Future of Pharmacology Education at NUS Medicine
	<b>Dr. Karthik Raman</b> 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 – 10 : Biomaterials, Bioengineering, and Microfluidics

Dr. Arun Nanda & Dr. Kamla Pathak

Time	Speakers	Title
2.00 to 4.00 PM	<b>Dr. Debjani Paul</b> Institute Chair Professor Indian Institute of Technology Bombay, India	Microfluidic devices for healthcare and biomaterial applications
	<b>Dr. Saikat Chakrabarti</b> Senior Principal Scientist CSIR-Indian Institute of Chemical Biology, Kolkata, West Bengal, India	AIDIAS: Artificial Intelligence based Diagnostic and Analytical Systems
	<b>Santosh Dixit</b> Chief Domain Expert Persistent Systems Pune, Maharashtra, India	AI-Driven Image Analysis: Accelerating Pharmaceutical R&D and Precision Medicine
	<b>Dr. D.B. Ananthanarayana</b> CSO, Ayurvediye 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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## Venue: CASSIA HALL

Symposium - 10: Digital Therapeutics: Regulation and Integration into Pharma Chair: Dr. Sanju Nanda & Dr. TM Pramod Kumar		
Time	Speakers	Title
10.00 to 12.00 PM	<b>Dr. Muthu Dhandapani</b> 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
	<b>Dr. Prakash NS</b> Principal Scientist, Research and Development Himalaya Wellness Company, India	Advanced Laboratory Instrumentation Management and Documentation Trackers with e-LNBs
	<b>Dr. Rafiq Mohamad</b> Principal Research Scientist, Preclinical Services, R&D Center, The Himalaya Wellness Company, India	Regulatory Framework of Product Label Claims - Design and Compliance
	<b>Dr. Rajeev Singh Raghuvanshi - Drugs Controller General (India) (DCGI)</b>	<b>India Pharma 2047: Reinvent to lead</b>
Symposium – 11: Advancement in Neurotherapeutics drug discovery Dr. Dadasaheb Kokare & Dr. Brijesh Taksande		
12.00 to 1.30 PM	<b>Dr. Samba Reddy</b> Regents Professor Texas A&M University School of Medicine Bryan, Texas, USA	AI & Neurosteroid-based New Drug Development: FDA Approval of Brexanolone and Ganaxolone for Complex Brain Disorders
	<b>Dr. BS Shankarnarayana Rao</b> , Professor, Department of Neurophysiology, NIMHANS Bangalore, India	Novel Strategies of Treat Temporal Lobe Epilepsy-induced Cognitive Deficits and Abnormal Synaptic Plasticity
	<b>Dr. Arnab Barik</b> , Assistant Professor CNS IISc Bengaluru, India	Pain & Itch: The good, the bad, & the ugly
1.30 to 2.00 PM	LUNCH BREAK	
Panel discussion on National Education Policy (NEP) Chair: Dr. S.K. Kulkarni & Dr. B.G. Shivananda		
Time	Policy to Practice: Integrating NEP 2020 Reforms in Pharmacy Institutions	
2.00 to 4.00 PM	<b>Panelists:</b> <ol style="list-style-type: none"> <li>1. <b>Dr. Sohan Chithlange</b>, Vice Chancellor, Alard University, Pune, India</li> <li>2. <b>Dr. Deependra Singh</b>, Professor Pt. Ravishankar Shukla University, Raipur, India</li> <li>3. <b>Dr. Atmaram Pawar</b>, Principal, Poona College of Pharmacy, Pune, India</li> </ol> <b>Moderator:</b> Dr. Vishal Gupta Dean (Academics), JSS Academy of Higher Education & Research, Mysuru	
	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	<b>Dr. Subham Banerjee</b> Associate Professor NIPER Guwahati India	Additive Manufacturing Mediated Platform Technology in Pharma: Educate, Innovate, Empower
	<b>Dr. Subhadeep Roy</b> Assistant Professor, MRSB Birla Institute of Technology (BIT) Mesra India	3D Microphysiological Disease Modeling and Tissue Engineering: Drug screening to personalized therapy
	<b>Dr. Kaushik Chatterjee,</b> 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 to 1.00 PM	<b>Prof. Indu Pal Kaur</b> Professor UIPS Chandigarh University India	Womania Pharmayan: A Journey of God's Grace, Courage, and Unconventional Reinvention in Pharma
	<b>Dr. Vishakha Oza</b> Associate Director – Global Safety Sciences, GCSP, Germany	Leadership strategies for thriving in the age of Artificial Intelligence
	<b>Dr. Geetha Manjunath</b> 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 by IPEC India on Excipients as Enablers: Compliance, Safety and Innovation in Drug Development

Chair: Dr. Kaushik Desai &

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



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Venue: AI Pavilion HALL 3

Workshops and Demonstrations		
Time	Resource Person	Title
10 00 Am to 1.00 PM	<b>Dr. Raja</b> , Founder & CEO, Genotypic Technology	The Magic never Stops: AI Driven Genomics in Drug Discovery
	<b>Dr. Anbu Dinesh</b> , Applications Scientist	AI-Powered Retrosynthesis and Process Chemistry
	<b>Dr.V.N Balaji</b> – Drug Discovery Research Advisor	AI Powered JNK1 Hit Prediction: Descriptors Drive Superior Classification and Regression.
	<b>Dr.Viswanadhan</b> , Vice President	Free Energy perturbation for Accurate Binding affinity and Unbinding kinetics prediction.
1.00 to 2.00 PM	LUNCH BREAK	
2.00 PM to 4.45 PM	<b>Dr. Ravi</b> , Chief Scientific Officer, Pharm DEM.	AI Powered Formulation Intelligence: Accelerating R & D by Eliminating Trial and Error
	<b>Dr. Sameer Agarwal</b> - VP Molecule.ai	AI Powered Precision in Drug Discovery: From Screndipity to Strategy
	<b>Dr. Sooriya Kumar</b> , Associate Director Jubilant Biosys.	Reinforcement learning based Molecular Generation
	<b>Dr. Jagadish</b> – Vice President, Pharmaids - 11.45- 12.30	Domain Expertise: Preventing GIGO in AI Driven Drug Discovery –
	<b>Dr. Kamaraj</b> , CSO , Transgene IT Solutions	Moving Beyond Paper: Why ELNs Are the Foundation for AI-Ready Research –
4.45 to 5.00 PM	BREAK	
5.00 PM to 7.00 PM	Academic Partners Session	Career opportunities in pharm and what to do after B.Pharm





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Plenary lecture series – 08

Chair: Dr. Sunil Attavar & Dr. Gajanan Darvekar

Time	Speakers	Title
10.00 to 11.30 PM	<b>Dr. Md Azeemuddin</b> Principal Scientist The Himalaya Wellness Company, India	Preclinical toxicology assessment of Herbal Products
	<b>Dr. Chandrika Mahendra</b> General Manager - Personal Care and Baby Care R&D The Himalaya Wellness Company, India	Designing Herbal Dermaceuticals
11.30 to 1.00 PM	<b>Selected Oral presentations (SR. No. 1-12)</b> Chair: Dr. Prabhakar Reddy & Dr. Pramod 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 PM	<b>Dr. Vasundhra Bhandari</b> Assistant Professor, NIPER Hyderabad India	Precision Antimicrobial Strategies Through Host-Pathogen Multi-Omics
	<b>Dr. Jubie Selvaraj</b> Professor JSS College of Pharmacy, Ooty, India	Precision Oncology in the AI era: From biomarker discovery to Targeted Therapeutics
11.00 to 1.00 PM	<b>Selected Oral presentations ( SR. No. 13-24)</b> 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	



# SCIENTIFIC PROGRAM

## 74<sup>th</sup> INDIAN PHARMACEUTICAL CONGRESS (IPC)

Venue: BIEC, Bangalore-2025

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

Date: December 21, 2025

Venue: CASSIA HALL

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	<b>Dr. Siddhesh Kamat</b> Professor IISER Pune India	An Integrated Chemoproteomics and Metabolomics Approach Towards Enzyme Function Annotation
	<b>Rachit Agarwal</b> IISc Bangalore India	Long acting injectables for the treatment of tuberculosis
	<b>Dr. Sahadev A. Shankarappa</b> Ramaiah University of Applied Sciences Bangalore, India	Drug Delivery Using Neural Pathways: Nanoparticle Design for Axonal Transport
11.30 to 1.00 PM	<b>Selected Oral presentations (SR. No. 25-41)</b> 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	<b>Dr. Sanjay Garg Australia</b> School of Pharmacy and Biomedical Sciences, Adelaide University, City West Campus, Bradley HB6-11, Adelaide, SA, Australia	Transforming Patient Care Through Technology-Driven Pharmaceutical Innovation
	<b>Dr. Pranjal Chandra</b> 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 to 1.00 PM	<b>Selected Oral presentations (Sr. No. 42-53)</b> 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	



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Venue: BIEC, Bangalore-2025

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### 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 B Patravale**

Convener  
Scientific Services Committee