



# INTERNATIONAL CONFERENCE ON BIOMIMETIC BIOTECHNOLOGY & HEALTHCARE INNOVATION

Woxsen University | 18th March, 2026 | ONLINE CONFERENCE

Platform: Online via Zoom

Link: <https://zoom.us/j/93685971538?pwd=eg9tuFHtwB64oStMbVnK5Bj8s8U5dy.1&jst=1>

Meeting ID: 936 8597 1538

Passcode: 738685

## CONFERENCE FLOW OF EVENTS

TIME (IST)	SESSION / EVENT	SPEAKER / DETAILS
<b>OPENING CEREMONY</b>		
9:15 AM – 9:30 AM	Virtual Waiting Room Opens & Participant Login	Participants join the online platform; hosts enable waiting room
9:30 AM – 9:40 AM	Welcome Address	<b>Dr. Hemachandran K.</b> , Vice Dean, School of Business and Director - AI Research Centre, Woxsen University
9:40 AM – 9:50 AM	Inaugural Address	<b>Dr. Raul V. Rodriguez</b> , Vice President, Woxsen University
9:50 AM–10:00 AM	Conference Overview & Online Etiquette Guidelines	Organizing Committee — <b>Dr. Riya Bhattacharya</b> , <b>Dr. Debajyoti Bose</b> , <b>Dr. Chhavi Sharma</b>
<b>KEYNOTE SESSIONS</b>		
10:00 AM–10:40 AM	Keynote Address I (Online Presentation)	<b>Dr. Narendra Chirmule</b> , Co-founder & CEO, SymphonyTech Biologics, Philadelphia, USA
10:40 AM – 10:45 AM	Live Q&A — Keynote I	Questions via chat / raised hand feature
10:45 AM – 11:25 AM	Keynote Address II (Online Presentation)	<b>Dr. Vihang Ghalsasi</b> , Chief Scientific Officer, Iuva Labs, IIT Bombay   PhD, Heidelberg University
11:25 AM – 11:30 AM	Live Q&A — Keynote II	Questions via chat / raised hand feature

## TECHNICAL PAPER PRESENTATIONS — SESSION I

11:40 AM – 12:30 PM	<b>Technical Session – Research Presentations [Paper ID in Bracket]</b>	<i>Session I: AI Diagnostics &amp; Medical Imaging   5 Papers — 10 min each</i>  <b>Primary Author Detail</b>
11:40 – 11:50 AM	<b>[44]</b> Review on AI-Generated Medical Imaging for Rare Disease	<i>Dhanashri Ghugal</i>
11:50 AM – 12:00 PM	<b>[74]</b> Challenges in Translating Bio-Inspired Designs to Clinical Medicine: Key Hurdles and Future Directions	<i>Shreya Saha</i>
12:00 – 12:10 PM	<b>[65]</b> Intelligent Dermoscopic Image Analysis for Early Skin Cancer Detection Using CNNs	<i>Khushi Chamoli</i>
12:10 – 12:20 PM	<b>[66]</b> Enhancing Lung Cancer Detection: Leveraging DenseNet-169 and Explainable AI for Improved Diagnosis	<i>Om Aote</i>
12:20 – 12:30 PM	<b>[72]</b> FractureNet: Deep Learning-Based Automated Detection and Classification of Bone Fractures in X-ray Images	<i>Sruthija Vaddadi</i>

12:30 PM – 2:00 PM

**LUNCH BREAK | Virtual Lobby Open (Informal Networking)**

## TECHNICAL PAPER PRESENTATIONS — SESSION II

2:00 PM – 2:50 PM	<b>Technical Session – Research Presentations [Paper ID in Bracket]</b>	<i>Session II: AI-Powered Clinical Tools &amp; Decision Support   5 Papers — 10 min each</i>  <b>Primary Author Detail</b>
2:00 – 2:10 PM	<b>[56]</b> Colon Cancer Classification in Histopathological Images: A Review of Deep Learning Models and Challenges	<i>Karanam Santoshachandra Rao</i>
2:10 – 2:20 PM	<b>[1]</b> NeoCare: A Smart Healthcare Solution	<i>Avinash Sonule</i>
2:20 – 2:30 PM	<b>[47]</b> Automated Disease Diagnosis Using Patient Symptoms with a Hybrid NLP-Knowledge Graph-ML Model	<i>Adiyala Hrishikesh</i>
2:30 – 2:40 PM	<b>[59]</b> Prediction and Analysis of Antimicrobial Peptides from Rice Bean Seed Storage Protein (In-silico)	<i>Anuja Kapoor</i>
2:40 – 2:50 PM	<b>[68]</b> A Smart Mobile Application for Post-Discharge Patient Monitoring Using Biophysiological Parameters	<i>Yasarkhan Pathan</i>

3:00 PM – 3:30 PM

**SHORT BREAK | Virtual Lobby Open**

## TECHNICAL PAPER PRESENTATIONS — SESSION III

3:30 PM – 4:20 PM	Technical Session – Research Presentations [Paper ID in Bracket]	Session III: Emerging AI Applications & Healthcare Innovation   5 Papers — 10 min each  Primary Author Detail
3:30 – 3:40 PM	[42] An Integrated Deep Learning Framework for Intelligent Biomedical Waste Classification	Shanthan Nuthakki
3:40 – 3:50 PM	[29] Smart Rooftop System	Janani Suresh
3:50 – 4:00 PM	[41] SMA Sanjeevani: An AI-Powered Multilingual Healthcare Assistant for Rural India	Manikanta Goundla
4:00 – 4:10 PM	[54] CureMind: A Bioinspired Neuro-Adaptive Neuromorphic Agentic AI for Digital De-Addiction and Cognitive Resilience in Youth	Geeta Tripathi
4:10 – 4:20 PM	[67] Gut Intelligence Framework: Biomimetic Wearables and Agentic AI for Continuous, Preventive Gut Health Monitoring	Geeta Tripathi

## CLOSING CEREMONY

4:20 PM – 4:30 PM	Valedictory Ceremony (vote of thanks and Best Paper Announcement)	Dr. Chhavi Sharma, Co-convener
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### ONLINE PARTICIPATION GUIDELINES

- Keep microphone muted when not presenting. Use the 'Raise Hand' feature to ask questions during Q&A.
- Presenters should keep their slides/screen ready to share before their scheduled slot.
- Use Meeting link, ID and password mentioned at the top.
- E-certificates will be dispatched to registered email IDs within 3 working days after the conference.

Organizing Committee: Dr. Riya Bhattacharya & Dr. Debajyoti Bose (Conveners)| Dr. Chhavi Sharma (Conference chair & Co-convener)  
[debajyoti.bose@woxsen.edu.in](mailto:debajyoti.bose@woxsen.edu.in) | [riya.bhattacharya@woxsen.edu.in](mailto:riya.bhattacharya@woxsen.edu.in) | [chhavi.sharma@woxsen.edu.in](mailto:chhavi.sharma@woxsen.edu.in)