



## **Abstract Format for Oral Presentation**

### **Bio-Conclave 2.0**

## **Theme- AI in Healthcare, Biomanufacturing & Translational Bioengineering Bridging Talent, Technology and Industry Needs**

Name Surname<sup>1</sup>, Name Surname<sup>2</sup>, Name Surname\*<sup>3</sup>

(Presenting author underlined, \* refers to the corresponding author, Times New Roman, 12pt, normal, centred).

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### **ABSTRACT**

(300 words including references or 250 words including references with one image & not exceeding one page)

You are cordially invited to participate in the Oral Presentation Competition at Bioconclave 2.0, 2026 organized by the Department of Bioengineering, School of Engineering and Technology, Dr. Vishwanath Karad's MIT World Peace University, Pune, Maharashtra, India.

Bioconclave is an annual flagship event under the Department of Bioengineering that aims to bridge the industry and academics and is organized by the Society of Biological Engineering. It brings together Leading Scientists, Healthcare Innovators and Industry Specialists to shape the future of Bioengineering. It serves as a collaborative platform connecting students, researchers and industry leaders across the fields of Bioinformatics, Genetic Engineering, Biomedical Instrumentation, Biomechanics and Bioprocess Engineering. The event focuses on cross-sector partnerships, showcasing cutting-edge technological advancements, and inspiring the next generation of bioengineers to contribute to India's sustainable and innovation-driven future.

BIOCONCLAVE also features interactive sessions, hands-on demonstrations, and expert-led workshops that allow participants to gain practical insights into emerging technologies. By cultivating dialogue between academia and industry, the event reinforces a shared vision of advancing healthcare, biotechnology and interdisciplinary innovation at national and global scales.

We believe the event will be of great interest to you and will offer a fruitful opportunity to engage with experts and early-career researchers from around the world. You are warmly welcome to join us for this significant occasion. We hope you will enjoy the event, gain valuable insights, and establish new scientific and personal connections.

References: (Max 5-10 references)

## Themes for Oral Presentation:

### 1. **AI in Healthcare and Development. (BIE2001)**

- AI in Drug Discovery.
- AI Applications in Genetic and Molecular Engineering.
- Systematic Review and Meta-analysis

### 2. **Bioinformatics and Computational Biology. (BIE2002)**

- Computational AI Tools in Bioinformatics and Systems Biology.
- Automation and Robotics in Modern Bioengineering Industries.

### 3. **Stem Cell Research and Regenerative Therapies (BIE2003)**

- Stem Cells and Precision Gene Editing
- Regenerative Medicine and Tissue Engineering

### 4. **Biosensors and Advanced Implants (BIE2004)**

- Biomaterials and Smart Diagnostic Devices
- Nanotechnology in Medicine

### 5. **Environmental Sustainability and Renewable Bioenergy Production. (BIE2005)**

- Sustainable Bioenergy and Biomass Utilization
- Biogas Technology for Rural Development

### 6. **Advancing Sustainable Development: Innovation, Inclusion, and Impact (2024–2026) (BIE2006)**

7.

- Smart Agriculture & Food Security
- Digital Tools for Sustainability

# ORAL PRESENTATION – JUDGING CRITERIA

Total Marks: 20

Criteria	Excellent	Good	Average	Poor	Marks
Abstract Quality (3)	Clear problem statement, strong objective, concise, well-structured, theme-aligned	Mostly clear, minor gaps	Basic structure, lacks clarity	Unclear or poorly written	/3
Technical Depth of Paper (5)	Strong scientific foundation, well-researched, accurate concepts	Good understanding, minor gaps	Basic explanation, limited depth	Weak or incorrect concepts	/5
Methodology & Analysis (4)	Clear, logical methodology; strong analysis & justification	Mostly clear; minor inconsistencies	Basic explanation; limited justification	Unclear or poorly defined	/4
Innovation & Originality (4)	Highly novel idea; creative & impactful	Some originality; moderate innovation	Conventional idea; limited novelty	No innovation	/4
Practical / Translational Impact (2)	Strong real-world/industry relevance; scalable	Some applicability	Limited application	No practical relevance	/2
Verbal Explanation & Q&A (2)	Confident, clear communication; answers questions effectively	Mostly clear; minor hesitation	Basic explanation; struggles in Q&A	Unable to explain clearly	/2

(Plagiarism check will also be done)

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