

# JSS Academy of Higher Education & Research

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## Department of Biotechnology & Bioinformatics

Hosts

### INTERNATIONAL CONFERENCE ON

### ONE HEALTH: BIOTECHNOLOGY AS A CATALYST FOR SUSTAINABLE DEVELOPMENT (HEAL-BioTec-2023)

Date: 7<sup>th</sup> to 9<sup>th</sup> December 2023

Venue: School of Life Sciences, Mysuru

#### About HEAL- BioTec

The concept of 'One Health' serves as a catalyst for achieving 17 Sustainable Development Goals (SDGs) by 2030. One Health approaches aim to improve disease management by bringing together health, food and environmental scientists and policy specialists. One Health harnesses power of biotechnology to foster advances in research, development, and innovations for sustainable development. Understanding the issues and identifying solutions requires collaboration between researchers from many different disciplines, in the biological, social, and political sciences as well as the humanities. In this regard, the collaborations between Government, Academia, Industry and Startups have taken forward innovative biotechnological advances from bench-to-beside ensuring commercialization for benefiting society by improving quality of life.

The conference theme *"One Health: Biotechnology as a Catalyst for Sustainable Development (HEAL-BioTec)"* aligns with the G20 summit and as well the vision of Department of Biotechnology, Ministry of Science and Technology, GoI, which will be to achieve 'One Health' through collaborative effort of multi-disciplinary areas working locally, nationally, and globally. The One Health concept is therefore a worldwide strategy for expanding interdisciplinary collaborations and communications in all aspects of biotechnological advancement for achieving sustainable development and circular bioeconomy. Further, the conference will bring together well-distinguished professionals from Government, Academia, Industry and Startups conferring benefits to scientists, healthcare- and startup-professionals, postdoctoral, research associates, doctoral, and postgraduate research students in life sciences.

#### Keynote Speaker

**Shri. Varshney SK**  
Adviser & Head, DST, GoI

#### Healthcare

**Prof. Tej P Singh**  
SERB Distinguished Fellow,  
AIIMS, New Delhi

**Prof. Manju Bansal**  
Indian Institute of Science,  
Bengaluru

**Dr. Jung-Hyun Kim**  
Korea National Institute of  
Health, Korea

**Prof. Sanjeeva Srivastava**  
IIT Bombay, Mumbai

**Prof. Zhenxing Li**  
Ocean University of China,  
China

**Dr. Raj Kumar**  
MGH, Harvard Medical  
School, USA

**Prof. Kshitish K Acharya**  
IBAB, Bengaluru

**Dr. Krishna Kurthkoti**  
DBT-RGCB, Trivandrum

**Dr. Tejesvi M**  
ChainPeptides, Finland

**Mr. Manjunath**  
Denovo Biolabs Pvt. Ltd.,  
Bengaluru

#### Agri-Food

**Dr. Claus Heiner Bang-Berthelsen**  
National Food Institute,  
Denmark

#### Resource Persons

**Dr. Balasubramanya S**  
Association for Biotech-led  
Enterprises, Bengaluru

**Dr. Pannaga  
Krishnamurthy**

National University of  
Singapore, Singapore

**Dr. Shivakiran MS**  
Sri Krishnadevaraya  
University, Andhra Pradesh

**Dr. Chandra Nayak S**  
University of Mysore, Mysuru

**Dr. Harish Prashanth K V**  
CSIR-CFTRI, Mysuru

**Dr. Amit Kumar Rai**  
DBT-NABI, Punjab

**Dr. Radhakrishna Shetty**  
National Food Institute,  
Denmark

**Dr. Pramod SN**  
Davangere University,  
Davangere

#### Environmental

**Dr. Belle Damodara  
Shenoy**  
CSIR-NIO, Visakhapatnam

**Prof. Rajesh Kumar T**  
JSS Medical College, JSS  
AHER, Mysuru

**Dr. Rohit Saluja**  
AIIMS, Hyderabad, India

**Dr. Sandeep C**  
NIPER- Raiberali, Lucknow

**Dr. Gaurav Mudgal**  
Chandigarh University,  
Punjab

## Organizing Committee

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Deshikendra Mahaswamiji**  
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**Dr. Surinder Singh**, Vice Chancellor  
**Dr. B. Manjunatha**, Registrar

### Convener

**Prof. Raveesha KA**  
Head, School of Life Sciences, Mysuru

### Co-Convener

**Dr. Balasubramanya S**  
General Manager, Association for  
Biotech-led Enterprises (ABLE), Bengaluru

## Thematic Areas

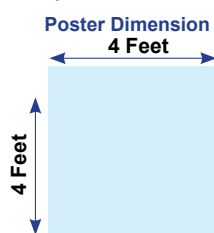
- Diagnostics & Biotherapeutics / Phytotherapeutics in Healthcare
- Crop production, Plant Health & Management
- Food Fermentation, Process, Technology & Security
- Targeting Molecular and Cellular Pathways
- Environmental Pollution & Emerging diseases
- Artificial Intelligence in Healthcare/Agri-Food/Environment
- Bioinformatics & Computational Biology
- Innovations, Entrepreneurship & IPR

## Registration

| Early Bird Registration<br>(1st October – 15th November, 2023) |                            |
|--|----------------------------|
| Participant  | Amount (Rs. Including GST) |
| Students   | 885/-                      |
| Scholars   | 1180/-                     |
| Faculty  | 1770/-                     |
| Industry   | 2950/-                     |
| Late Registration<br>(16th November – 02nd December, 2023)     |                            |
| Participant  | Amount (Rs. Including GST) |
| Students   | 1180/-                     |
| Scholars   | 1475/-                     |
| Faculty  | 2065/-                     |
| Industry   | 3540/-                     |
| Spot Registration  |                            |
| Students   | 1475/-                     |
| Scholars   | 1770/-                     |
| Faculty  | 2360/-                     |
| Industry   | 4130/-                     |

## Abstract Format

Authors who wish to submit abstracts for poster and oral presentations should follow the prescribed format. The abstract must include the title of presentation, order of authors and the author's affiliation with corresponding author's email address and presenting author's name in Bold. The submitted abstracts will be reviewed by the expert committee and the authors will be notified about the acceptance by email. For Poster Presentation, the size of the chart or banner should not exceed 4x4 feet.



**Last date for Abstract submission 15th November 2023**  
Abstract (250 words excluding title, authors and author affiliations, Font to be used in the abstract: Arial)

1. Title (Font size: 14 bold)
2. Authors and affiliations (Font size: 12; Underline and bold the presenting author)
3. Keywords- Minimum four keywords
4. Corresponding author (Font size-12; Provide affiliation and contact details)
5. Background, Materials and Methods, Results and Discussion, Conclusions

Those oral presentations which are found to contain novel findings will be invited to submit full length articles for publication as conference proceedings in the Journal of Applied Pharmaceutical Science (Scopus indexed journal). The publications are subjected to the terms and conditions of the Publisher.

**Kindly send abstracts through the link (<https://jssuni.edu.in/jssaher/conference/OHBCSD2023/registration.aspx>)**

## Organizing Secretaries

**Dr. Gopenath TS**      **Dr. Kirankumar MN**  
Department of Biotechnology & Bioinformatics  
JSS AHER, Mysuru

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<https://jssuni.edu.in/jssaher/conference/OHBCSD2023/registration.aspx>

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