



8<sup>th</sup> February 2025

**DEPARTMENT OF BIOSCIENCES**  
**IMS GHAZIABAD**  
(University Courses Campus)

*Organizes*

**2<sup>nd</sup> INTERNATIONAL  
SYMPOSIUM**

*on*

**“Tech for Tomorrow:  
New Innovation for food  
and Health Security”**



## About the Institute

IMS Ghaziabad was founded in 1990 by a group of visionaries and intellectuals to impart quality education to young minds. The legacy of IMS Ghaziabad lies in its tradition of stimulating an innovative environment where students are empowered with knowledge, values, and professional skills to uphold integrity, tolerance, and mutual respect. Over the past 35 years, IMS Ghaziabad has attained an inimitable stature in India by promoting diversified professional skills and research education in the prevailing areas of Management Studies, International Business, Information Technology, Biosciences, Engineering, and Journalism.

IMS Ghaziabad (University Courses Campus) offers undergraduate and postgraduate programmes affiliated with CCS University, Meerut. Courses of study are MIB, M.Sc. Biotechnology, BBA, BCA, BAJMC, B.Sc. (Hons.) Biotechnology, and B.Sc. (Hons.) Microbiology. It has consistently produced University toppers, which speaks volumes about the quality of education imparted by its erudite faculty. The institute is ISO 9001:2015 certified and NAAC 'A' accredited. The institute has recently been awarded Status of 12 (B) by UGC for excelling work in the field of research, has been ranked amongst the Top B-Schools in India, and has been bestowed with a number of awards in various categories by the Times B-School Survey, CEGR, GHRDC, GESA, CIAC Global, ICCI, ASSOCHAM, CSR, Asia Pacific Education and Technology Awards, and many more.



## Aims & Objectives of the Symposium

The aim of this symposium is to bring together for creating collaborative approaches among academicians, researchers, students and professional practitioners aiming at long-term sharing of knowledge and discussions of highly current issues on cutting edge research and development in the field of science and technology. The Symposium has been portrayed to cover an extensive range of bottlenecks and their remedies through keynote addresses, talks and poster competitions.

The symposium 2025 will be conducted at IMS University Courses Campus, Ghaziabad on 8th - February, 2025. At this distinctive platform, the researchers and practitioners from both academics as well as industries will be contributing their knowledge and experiences, in aspect of current

areas and basic needs and requirement of food and health. It will facilitate to boost up the young researchers as well as students to involve themselves for societal development globally.

This symposium would endow with a forum for the scientists and academicians from across India and other leading countries to exchange their research ideas and explore novel aspects for sustainable and holistic approach to food and health emphasizes not only physical well-being but also the environmental and ethical implications.

It will also attribute the significant opportunities for young aspirants and entrepreneurs to connect with distinguished experts for exchanging the knowledge and best practices on recent issues connected to science and technology at global level.

## About Department of Biosciences

Department of Biosciences is devoted for higher academics and research facilities in the area of Biotechnology and Microbiology. The aim of the department is to organize competent professionals to trail vibrant careers in several professions of Biotechnology and Microbiology. We give a wide prospectus with our motive to educate the students about the best learning and research experiences in the frontiers of Biosciences that will definitely help them to cope up with the cutting-edge technological aspects.

## ORGANIZING TEAM

### CHIEF PATRON

**Shri Naresh Agarwal**  
Chairman  
IMS Ghaziabad  
Group of Institutions

### PATRON

**CA (Dr.) Rakesh Chharia**  
Honorable Chairman  
IMS Group of Institutions

### CO-PATRON

**Prof (Dr.) Arun Kumar Singh**  
Director  
IMS Ghaziabad  
(University Courses Campus)

### PROGRAMME CHAIR

**Prof. (Dr.) Surabhi Johari**  
Head of Department  
Department of Biosciences  
IMS Ghaziabad  
(University Courses Campus)

### CONVENER

**Dr. Swati Tyagi**  
Associate Professor  
Department of Biosciences  
IMS Ghaziabad  
(University Courses Campus)

**Dr. Sanghdeep Gautam**  
Assistant Professor  
Department of Biosciences  
IMS Ghaziabad  
(University Courses Campus)

### ORGANIZING COMMITTEE

**Dr. Umesh Kumar**  
**Dr. Rishi Kumar Singh**  
**Dr. Kapil Sharma**  
**Dr. Tripti Singh**  
**Dr. Hemlata Srivastava**  
**Dr. Tanushree Chatterji**  
**Dr. Priyanka Srivastava**  
**Ms. Neha Anttal**  
**Ms. Shalini Sharma**



## IMPORTANT DATES

**SUBMISSION OF ABSTRACT**

**15<sup>th</sup>**  
January  
2025

**ACCEPTANCE**

**20<sup>th</sup>**  
January  
2025

**EARLY BIRD REGISTRATION**

Till **20<sup>th</sup>**  
January  
2025

## PARTICIPATION FEE

Category of Delegates	Early bird Registration (till 20 <sup>th</sup> January, 2025)	Late bird Registration (till 31 <sup>st</sup> January, 2025)
Academician/Researchers/Scientists	700/-	800/-
Students (Graduate and post graduates)	500/-	600/-
Students (Intermediates)	250/-	300/-

*\*All participants will get the participation certificates*

**Registration Link:**

**<https://forms.gle/mjsRP7Gkt3uwF4Wh8>**



## SPECIAL AWARDS

**Best Thesis for Research Scholar | Best Thesis for M.Sc. Dissertation**



**For Any Query Contact: Dr. Swati Tyagi-9582567366 | Dr. Sanghdeep Gautam-9696741097**

## ABSTRACT GUIDELINES

Abstracts must include sufficient information for reviewers to judge the nature and significance of the topic, the adequacy of the investigative strategy, the nature of the results, and the conclusions. The abstract should summarize the substantive results of the work and not merely list topics to be discussed. An abstract is an outline/brief summary of your paper and your whole project. It should have an intro, body and conclusion. It is a well-developed paragraph, should be exact in wording, and must be understandable to a wide audience. Abstracts should be no more than 250 words, formatted in Microsoft Word, and single-spaced, using size 12 Times New Roman font. Abstracts highlight major points of your research and explain why your work is important; what your purpose was, how you went about your project, what you learned, and what you concluded. If your title includes scientific notation, Greek letters, bold, italics, or other special characters/symbols, do make sure they appear correctly. List all additional undergraduate co-authors, whether they are or are not presenting, if applicable. List additional faculty mentors, if applicable.

**TITLE OF THE ABSTRACT (CAPITAL LETTERS, BOLD, TIMES NEW ROMAN 12 pt, centre)**

**A.Author1, B.C. Author2 (Times new roman 11 pt, bold, centre; underline the presenting author)**

**Affiliations of the author/s, times new roman, 10pt, normal, centre**

**Abstract: ...Continuous....Times new roman 11pt, single space, normal, max word limit 200.**

**Key words (max: 5)**

**POSTER SIZE 6X3 feet**

### Thrust Areas

#### 1. Sustainable Healthcare Technologies

Topic areas: Telemedicine, AI-powered diagnostics, Wearable health devices, Regenerative medicine, Tele medicine, Green hospitals, Sustainable medical supplies, Molecular oncology, Epigenetic study and Stem cell research

#### 2. Molecular Biology and Bioinformatics

Topic areas: Innovations in Proteomics and Metabolomics engineering, Structural biology, Drug designing and dockings, Genomics population, Evolutionary studies and Phylogenetics

#### 3. Circular Economy for a Healthier Planet

Topic areas: Waste reduction in healthcare, Recycling medical materials, sustainable packaging, renewable energy in healthcare facilities, and eco-friendly medical practices.

#### 4. Food Innovation for Nutrition and Sustainability

Topic areas: Plant-based alternatives, sustainable food production, personalized nutrition, food waste reduction, and food safety technologies.

#### 5. Climate Change Mitigation and Adaptation in Healthcare

Topic areas: Climate-resilient healthcare infrastructure, disaster preparedness, impact of climate change on health, and sustainable healthcare practices in vulnerable regions.

#### 6. Social Innovation for Health Equity

Topic areas: Accessible healthcare, community-based health initiatives, mental health innovations, healthcare for marginalized populations and digital health inclusion.

#### 7. Renewable energy production and Waste management for better Health

Topic areas: Utilization of biomass for biofuel production, Microbial fuel cell, Role of fermenter for large scale energy production, Waste recovery, Waste treatment by microbes, Impact of solid waste management

#### 8. Plant biotechnology, tissue culture and crop protection for sustainable agriculture

Topic areas: Effect of salinity on plant physiological parameters, Enzymatic response to stress conditions, Molecular mechanisms of stress tolerance

#### 9. Microbial diversity in food and dairy industry

Topic areas: Fibers and microbiome composition, Microbiology of fermented foods and beverages, Impact of COVID 19 on microbial food safety and quality

#### 10.Role of nanotechnology for environmental compatibility

Topic areas: Biocomposites, Nanocomposites and nanotechnology, Environment and green materials

#### 11.Others

As per the themes



**Symposium venue  
IMS Auditorium**





Estd. 1990



Helpline No:

1800-102-1214 [www.imsuc.ac.in](http://www.imsuc.ac.in)

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