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Ms. S. GEET ANDREA
Assistant Professor

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Dr. A. MEHER NISHA
Assistant Professor

Ms. M.S. SHABEENA BANU
Visiting Professor

**For Further Details,
feel free to contact the
Organizing Secretary
Dr. S. DEBORAH**
Cont: 99522 70978
E-mail: icbighc2025@gmail.com

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Assistant Professor & Head

ORGANIZING SECRETARY

Dr. S. DEBORAH
Assistant Professor

Follow this link to join my WhatsApp group:

<https://chat.whatsapp.com/DsE4p6ZGNyD6AFV1K2bqHh>

REGISTRATION AND PAYMENT DETAILS

<https://forms.gle/V1yyuumHbZbHKHdu6>



4th INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL INNOVATIONS FOR GLOBAL HEALTH CHALLENGES (ICBIGHC)



Organized by

PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY JAMAL MOHAMED COLLEGE (AUTONOMOUS)

Accredited with A++ Grade by NAAC (4th Cycle) with
CGPA 3.69 out of 4.0

(Affiliated to Bharathidasan University)
Tiruchirappalli-620 020, Tamil Nadu, India



ABOUT THE COLLEGE:

Jamal Mohamed College (Autonomous), Tiruchirappalli, India, established in 1951, is a religious minority institution that has grown remarkably over the past seventy-four years. From its humble beginnings, the college has developed into a prominent multidisciplinary institution, offering higher education to a diverse section of society. The college was granted autonomy by the University Grants Commission (UGC), the Government of Tamil Nadu, and its Affiliated to Bharathidasan University, beginning in the academic year 2004-2005. It has received support through various prestigious central schemes, including DST-FIST, DBT-Star College Scheme, and UGC-NSQF. In 2024, the college achieved an impressive 59th rank in the National Institutional Ranking Framework (NIRF) as well as A++ grade by NAAC (4th Cycle) with a CGPA of 3.69 out of 4.0, reflecting its continued excellence in education and research.

ABOUT THE DEPARTMENT:

The department of Biotechnology was established in the year 2004 offering Graduate, Postgraduate and Research programmes. The department takes legitimate pride in offering several specialized courses such as one year Post Graduate Diploma in Fermentation Technology (PGDFT) which was started in 2008, a four-year BS Biotechnology (UG Course) started in 2010, and a one year Post Graduate Diploma in Bioinformatics (PGDBI) that was started in 2011. M.Phil and Ph.D programs were started in the academic year 2012 and twelve students have been awarded Ph.D through the department. The department has fully equipped air-conditioned laboratories with computer systems, and instruments like advanced Inverted Microscope, Biosafety Class II Cabinet, CO₂ Incubator and ELISA reader, Fermentor, Spectrophotometer, Thermocycler and Gel Documentation System. The excellent infrastructure facilities are available in the Department have been appreciated by researchers and academicians. Many International and National conferences, seminars and workshops were conducted periodically. our out gone students are well placed in various health care systems, IT industries and Biotechnology Institutes by the top ranking reputed recruiters.

ABOUT THE CONFERENCE:

International conference on Biotechnological Innovations for Global Health Challenges (ICBIGHC)

Conferences on Biotechnological Innovations for Global Health Challenges serve as crucial platforms for addressing the intersection of biotechnology and public health. These events bring together experts from a wide range of fields, including biology, healthcare, engineering and industry, to explore how advancements in biotechnology can tackle global health issues. Key topics often discussed include innovative technologies

like gene editing, synthetic biology, vaccines, and personalized medicine, all aimed at addressing pressing global health challenges such as infectious diseases, antimicrobial resistance, food security, and the impact of climate change on health. This conference focus on scientific advancements the with the integration of Biotechnology into public health systems, ensuring equity in access to new technologies, particularly in underserved regions, and fostering collaboration between academia, industry, governments, and NGOs. Sessions typically feature keynote speeches from leading experts, panel discussions and networking opportunities, providing participants with the chance to share knowledge, build partnerships, and explore real-world applications for Biotechnological solutions. the outcomes of the conference focus on collaborative projects, publications, and policy recommendations, all of which contribute to shaping the future of global health and also to develop innovative solutions to complex health problems, emphasizing the importance of both scientific research and practical, sustainable approaches to improving global health.

THRUST AREAS

- ▶ Pharmacology and Drug Development
- ▶ AI in Biotechnology
- ▶ Cancer and Stem Cell Research
- ▶ Clinical Biochemistry
- ▶ Advancements in Bioinformatics
- ▶ Microbiomes and Human Health
- ▶ Environmental Sustainability and Climate Impact on Diseases
- ▶ Molecular Biotechnology
- ▶ Traditional Systems of Indian Medicine
- ▶ Vaccinology

ABSTRACT SUBMISSION:

- Authors are invited to submit abstracts for research papers or articles via email attachment to icbighc2025@gmail.com. The abstract must be submitted in **MS Word format**.
- **Font and Formatting Guidelines:**
 - **Title:** Times New Roman, 14 points, bold.
 - **Authors' Names and Affiliation:** Times New Roman, 10 points.
 - **Abstract Content, Keywords, and E-mail Address:** Times New Roman, 12 points.
 - **Line Spacing:** 1.5 points.

The abstracts will be reviewed process by an expert committee and only the selected papers will be invited for the oral presentation.

POSTER PRESENTATION:

- Posters should be of the size 90 x 120 cm.
- Content should be legible and clearly printed for optimal visibility.
- The design of the poster should focus on clarity and conveyance of the key message, with an emphasis on readable fonts and visual appeal.

PRIZES:

- Prizes will be awarded for the Best Paper and Best Poster presentations, recognizing outstanding contributions to the seminar's themes.

Researchers desirous of participating authors to submitting their abstracts and posters follow the above guidelines to ensure smooth presentation in the event.

IMPORTANT DATES

- Abstract Submission Deadline: 25th January 2025
- Selection and Confirmation of Abstracts: 25th January 2025
- Registration Deadline: 1st February 2025
- Conference Date: 4th February 2025

REGISTRATION DETAILS

- **Students:** ₹300
- **Scholars:** ₹400
- **Faculty:** ₹500
- **Industrialists/Academicians:** ₹1,000

Fee Includes: Conference kit, lunch, and certificates.
Please note that No TA/DA will be provided for participants.

Registration Payment Details:

The registration fee can be paid via net banking to the following account. The UPI transaction ID must be quoted in the registration form.

ACCOUNT DETAILS:

- **Account Name** : Jamal Mohamed College
- **Account Type** : Current Account
- **Account Number:** 046702000000009
- **Bank Name** : Indian Overseas Bank
- **Branch** : Jamal Mohamed College, Tiruchirappalli - 620020
- **IFSC Code** : IOBA0000467
- **MICR Code** : 620020010

Important Note: Payment should only be made from domestic bank accounts. Foreign transactions will not be accepted.

For Further Details, Contact:

- **Organizing Secretary** : Dr. S. Deborah
- **Contact Number** : +91 99522 70978
- **Email** : icbighc2025@gmail.com