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NATIONAL SEMINAR ON “THE BUSINESS OF BIO: INNOVATIONS, INVESTMENTS AND IMPACT” (BBI3-2025)



December 3-5, 2025

Organized
By
Department of Biotechnology
in association with
Department of Botany
UNIK-BIOTAA
KUBIIC & TRIC-KU
Kerala Academy of Sciences

Venue
C V Raman Hall & Janaki Ammal Hall
The Central Laboratory for Instrumentation and Facilitation (CLIF)
University of Kerala
(Re-Accredited by NAAC with 'A++' Grade)

Seminar Overview

"The Business of Bio: Innovations, Investments and Impact" is a three-day national seminar which delves into the vibrant convergence of biotechnology, entrepreneurship, and sustainable development. At a time when biological innovations are transforming various sectors, from healthcare and agriculture to energy and materials, appreciating the commercial, financial, and societal dimensions of biotechnology is of paramount importance.

The seminar organized by the Department of Biotechnology, will serve as a vital platform for students, researchers, faculty and aspiring entrepreneurs in biotechnology to gain comprehensive insights into the commercialization aspects of their scientific pursuits across key domains like nutraceuticals and pharmaceuticals, energy and environment, omics, biomaterials and bio-fabrication and regulations and policies.

The seminar will demystify the entrepreneurial ecosystem, highlight the major steps involved in transforming a laboratory idea into a business reality and provide practical knowledge on investment opportunities, intellectual property management and strategic market entry. An entire day of the seminar will be devoted exclusively to stakeholders from the biotechnology industry and founders of biotech start-ups, highlighting their entrepreneurial journey, exemplary case studies, challenges encountered, emerging opportunities in the sector and thought-provoking panel discussions. Further, a parallel exhibition will be conducted, featuring biotech-based industries, providing a unique platform for showcasing innovations and fostering collaboration. The focus of the seminar on translating laboratory ideas into business aligns perfectly with national goals of bio-economy growth and fostering self-reliance in the biotech sector.

Department of Biotechnology



Established in 1995, the Department of Biotechnology at the University of Kerala offers postgraduate and doctoral programs in biotechnology, equipped with state-of-the-art laboratory facilities for advanced research in frontier areas of the field. The Department's mission is to develop skilled professionals capable of contributing to both academic research and industrial innovation in biotechnology.

The curriculum for the postgraduate and doctoral programmes is carefully designed to provide comprehensive training relevant to all sectors of the biotechnology industry in India. The Department actively pursues both basic and applied research, fostering innovation and interdisciplinary collaboration.

In 2017, the Department launched BIOVENT, a start-up initiative that supports academic entrepreneurs from biotechnology and microbiology. BIOVENT offers high-quality analytical services in biotechnology, microbiology, and biochemistry, promoting socially relevant research, technology development for biomedical applications, collaborative ventures, and the creation of patentable innovations and new knowledge.



University of Kerala

The University of Kerala, a premier state-run public University located in Thiruvananthapuram, was established in 1937 by Sree Chithira Thirunal Balarama Varma, the Maharajah of Travancore and the University's first Chancellor. Today, it stands as one of India's leading universities with over 150 affiliated colleges and 45 teaching and research departments. Accredited by NAAC with the highest grade of A++ (3.67/4), the University is recognized for its strong academic standards and vibrant research culture in both the sciences and humanities. In the NIRF 2025 rankings, it secured 5th position among state public universities, 25th in the university category, and 42nd overall in India - a testament to its excellence in education, innovation, and research infrastructure.

Seminar Themes

Day 1: Frontier Innovations & Research Translation

- ❖ Nutraceuticals and Pharmaceuticals
- ❖ Omics Technologies
- ❖ From the Bench to Product Concept

Day 2: Sustainable Bio-Solutions & Advanced Manufacturing

- ❖ Energy and Environment
- ❖ Biomaterials and Bio-fabrication

Day 3: Industry, Start-ups & Entrepreneurial Ecosystem

- ❖ Building a Biotech Start-up
- ❖ Funding Landscape & Investment Readiness
- ❖ Scaling and Growth Strategies
- ❖ Challenges and Resilience in Bio-Entrepreneurship

- ❖ Papers will be selected for oral and poster presentations
- ❖ Selected papers will be published in book form with ISBN No.

REGISTRATION FEE

Registration can be done online by entering the required payment and personal details. Registration fee is mandatory for all participants.

Payment details should be attached to the Google Form

- ❖ For students : Rs. 500/- (Rupees Five Hundred only)
- ❖ For research scholars : Rs 1000/- (Rupees One thousand only)
- ❖ For faculty : Rs. 1500/- (Rupees One Thousand Five Hundred only)
- ❖ For industry personnel : Rs. 2000/- (Rupees Two Thousand only)

- ❖ Last date for registration: 28th November, 2025 (registration link is on the next page)
- ❖ Last date for submission of abstract: 28th November, 2025
- ❖ Abstracts submitted after the last date will not be considered
- ❖ Notification of acceptance of abstract (through e-mail): 29th November, 2025
- ❖ Last date for submission of selected full paper and poster: 30th November, 2025
- ❖ Abstract has to be uploaded on the registration page; registration link is shown on next page
- ❖ Full paper of the accepted abstract should be submitted before the last date mentioned above. Submission after the last date will not be accepted. The abstract and the selected full paper should be sent to businessbioi32025@gmail.com

EVENT: 3/12/2025 to 5/12/2025 (Wednesday – Friday)

Dates to Remember: 28th & 29th November, 2025

Guidelines for Abstract Submission

- ❖ The abstract (font - Times New Roman) should comprise the following:
 - ❖ Title of the presentation (bold font, size 14)
 - ❖ Designation and affiliation of all the authors (font size -12): Full name of all authors with their affiliation (name of the presenting author should be underlined), and email address of presenting and corresponding authors
 - ❖ Matter: A brief description of not more than 250 words typed in Times New Roman (font size 12), with 1.5 line spacing and 1" margin on all sides. A maximum of five keywords should be included at the end of the abstract (bold font, size 12)
 - ❖ The abstract will be reviewed by the Scrutiny Committee and the authors of the approved abstracts shall be intimated. The decision of the committee shall be final and binding

Keynote & Plenary Talks: The Seminar promises to provide a heightened academic experience through keynote and plenary lectures by eminent scientists in the areas of biotechnology, drawn from across the world. The event would provide a worthy learning experience for students and researchers.

- ❖ Awards for the best oral and poster presentations by students in each session will be announced at the valedictory function on 5/12/2025
- ❖ Date of release of the PROCEEDINGS: 3/12/2025

LINK FOR REGISTRATION

- ❖ Abstract needs to be uploaded on the registration page using the given registration link

Either **CLICK** the link below to register (if hyperlink is not active, copy the URL in the address bar of the browser) OR **SCAN** the QR code shown below

<https://forms.gle/auICcHTfhxZebc7bA>



Account details for remitting the registration fee are provided on the registration page of the Google Form

Guidelines for Submission of Full Paper

- ❖ All research papers shall be original, unpublished and plagiarism-free
- ❖ Selected papers will be published on the first day of the seminar in the form of a book with ISBN number
- ❖ The papers shall be thematic, with relevant research questions.
- ❖ The research papers shall not exceed 5000 words
- ❖ The papers are required to be typed in Times New Roman, with font size 12, on A4 size with 1" margin on all sides and 1.5 line spacing and submitted in MS Word format.
- ❖ Other relevant details will be intimated once selected for full paper submission

ORAL PRESENTATIONS

- ❖ Presentation - 7 min; Discussion - 3 min

POSTER PRESENTATIONS

- ❖ Title of the paper, name(s) of the author(s) and affiliation(s) on top.
- ❖ **Poster (36" X 48") must be submitted in PDF format**
- ❖ Text: Ensure readability of the contents of the poster.
 - ❖ Language - ENGLISH only
- ❖ Illustrations: Poster should contain static photographs only, with no video or animation
- ❖ The posters will be evaluated by a panel of experts

E-Certificate

- ❖ E-certificates will be awarded to all registered participants on successfully attending the Seminar. E-certificates will also be awarded to the presenting author.
- ❖ For further details, please contact:
Email: businessbio32025@gmail.com
Phone: 7387333599 (Mob), 0471 2308778