



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)



**16th Annual Convention of ABAP &
INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN
BIOTECHNOLOGY AND ENVIRONMENTAL SCIENCE
(ICRABES)**

**16th to 18th
December, 2022**

Organized by:
School of Biosciences and Technology,
Vellore Institute of Technology,
Vellore- 632014,
Tamil Nadu, India

In collaboration with:
Association of Biotechnology and
Pharmacy (ABAP)

ABOUT VIT

Vellore Institute of Technology (VIT) is a private deemed University located in Vellore, India. VIT has campuses in Vellore, Amravati, Bhopal and Chennai. VIT has been consistently ranked among the best institutions of the country, and is aspiring to emerge as a global leader. The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India. With students from all the states of India and from more than 50 countries, the cosmopolitan VIT provides an appropriate ambience for holistic learning and comfortable living. VIT holds an exemplary placement record by consistently placing more than ninety percentage of the students in good companies. The VIT's international linkages provide ample opportunities for students and faculty to gain global exposure. VIT alumni, spread across the world, are serving the most advanced as well as the most deprived societies. FICCI awarded "Excellence in enabling Research Environment" for the year 2019.

ABOUT SBST

The School of Bio Sciences and Technology consists of four departments namely Biotechnology, Integrative Biology, Bio-Sciences and Bio-Medical Sciences headed by well-trained professors. The school offers an undergraduate (B.Tech. Biotechnology) and six Postgraduate (M.Sc. and M. Tech.) programme. It also offers Integrated Ph.D. and Ph.D. programme. The priority of the SBST is developing entrepreneurship skills and mentoring students to become future scientists for the improvement of humanity. Our efforts are strengthened by collaboration with national, international Universities and multinational companies. Consultancy research and commercialization of products at the University are undertaken as a part of the program. The school houses excellent infrastructure and well-trained faculty members which makes SBST one among the top ten Bio School in the country.

ABOUT ABAP

The Association of Biotechnology and Pharmacy (ABAP) was established in the year 2007 for the development of science in the fields of Biotechnology and Pharmacy. The main objective of ABAP is to form a forum for scientists so as to bring them together to discuss and find scientific solutions to the contemporary issues on these two important areas. The annual meetings of ABAP help the members to interact, induct young aspirants, exchange the knowledge, explore the future research needs, solve the local issues and publish their findings. The association organizes symposia, seminars and workshop on current developments of Biotechnology and Pharmacy, particularly on the subject of current scientific interest in Schools and Universities across India. In view of the vast development in the dissemination of research work, an international journal of Current Trends in Biotechnology and Pharmacy was started by ABAP (ISSN: 0973 8916 –Print; 22307303-online). And every year the ABAP announces Life time awards in Biotechnology, Pharmacy and Industrial Biotechnology areas.

ABOUT ICRABES

International Conference on Recent Advances in Biotechnology and Environmental Science (ICRABES) themes are framed based on the United Nations 2030 agenda. This agenda has put forward 17 sustainable developmental goals (SDG's) and its respective 169 targets. All these together will result in equilibrium in three different dimensions (1. Environmental, 2. Economic and 3. Social) of an individual.

Sustainable developmental goals are framed in a way that it takes into consideration of each and every individual on this planet, has the right to lead a healthy life with all the necessary amenities wherein she/he could utilise her/his full potential to serve herself/himself, to the society and to the world as a whole.

BROAD THEMES

1. Environmental (Covering SDG's - 6, 11, 12, 13, 14, 15 & 17)

- i. Environmental and Nanobiotechnology
- ii. Biodiversity and conservation
- iii. Bioremediation
- iv. Micro and Nano plastics
- v. Marine products
- vi. Climate change and its effect on environment

2. Economic (Covering SDG's - 1, 2, 8, 9 & 17)

- i. Plant and Agricultural Biotechnology
- ii. Microbial and Industrial Biotechnology

3. Social (Covering SDG's - 1, 2, 3 & 17)

- i. Bioinformatics and Computational biology
- ii. Medical and Pharmaceutical Biotechnology
- iii. Vaccines and Immunotechnology

This conference will provide a forum to:

- Present the new developments in the conference theme
- Disseminate the high-quality research results
- Discuss the future developments on Biotechnology and environmental issues

SUBMISSION OF ABSTRACTS

- Under each scientific theme abstracts are invited through online submission in MS word format - Font "Times New Roman", size "12" with line spacing "1.5" and abstract should not exceed 250 words.
- Under each theme 3 awards will be given to best poster presentations.
- Certificate will be provided for all the registered participants.

Submission of abstract : <https://forms.gle/CA2AADHB9awxm7Yz7>

PUBLICATIONS

Articles related to **Marine Biotechnology and Marine products** will be published in the Special Issue: **Discovery of Marine Bio-products and Their Diversified Applications** in the Journal **Aquaculture International**

For more details refer to the following link
<https://link.springer.com/collections/dfchafhjjd>



Articles related to **Microbial Biotechnology** will be published in the special issue **Microbial Biotechnology for Sustainable Environment** in the Journal **Microbiology (Springer)**



Articles related to **cell biology, biochemistry, physiology, and ecology** will be published in the special issue of the Journal **Biology Bulletin (Springer)**



Articles related to **Biotechnology and Pharmacy** will be published in the special issue of the Journal **Current trends in Biotechnology and Pharmacy**



All the submitted articles to the special issue will undergo a peer review process before acceptance. Only quality articles will be accepted for publication.

REGISTRATION

Registration Fee

Delegates from Academia/R&D Organization	: Rs. 4000
Delegates from Industry	: Rs. 5000
Research Scholars and Students	: Rs. 3000
Internal (VIT) Research Scholars	: Rs. 1500
Internal (VIT) Students	: Rs. 1000
International Participants	: 100 USD

Registration fee for participants includes: Attendance to all the conference sessions, keynotes, conference materials, certification, souvenir and proceedings, refreshments/meals during the conference. For registration refer the website : <https://vit.ac.in/ICRABES/>

Advisory Members

INTERNATIONAL

Prof. Thava Palanisami, Environmental Plastics Innovation Cluster, Global Innovative Centre for Advanced Nanomaterials, The University of Newcastle, Australia

Prof. Rama Jayaraj, Director, Northern Territory Institute of Research and Training, Australia

Prof. Mohamed Ahmed El-Nabarawi, Dept. of Pharmaceutics & Industrial Pharmacy and Head of Drug Manufacturing Unit (DMU), Faculty of Pharmacy, Cairo University, Egypt

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Prof. Tan Ban Lee, Monash University, Malaysia

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- Dr. R Ananthan**, Deputy Director, National Institute of Nutrition, Hyderabad, India
- Dr. Smita Srivastava**, Indian Institute of Technology Madras, Chennai
- Dr. Shivendu Ranjan**, Indian Institute of Technology, Kharagpur

IMPORTANT DATES

Last date for abstract submission	: 25 th November 2022
Intimation of acceptance of abstract	: 30 th November 2022
Last date for registration fee payment	: 5 th December 2022
Conference dates	: 16 th to 18 th December 2022

ORGANIZING COMMITTEE

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Dr. G. Viswanathan

Chancellor, Vellore Institute of Technology

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Mr. G V Selvam, Vice President, VIT

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Dr. Partha Sharathi Mallick, Pro-Vice Chancellor(i/c), VIT

Dr. T Jayabarathi, Registrar (i/c), VIT

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Dr. Jayanthi Abraham, Associate Dean, School of Bio Sciences and Technology, VIT

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Dr. Satarupa Banerjee

Dr. R Gnanasambandan

ADDRESS FOR CORRESPONDENCE

The Convenor

ICRABES

School of Bio Sciences and Technology

Vellore Institute of Technology, Vellore – 632014, Tamil Nadu, India

Mobile : 9489337967, 9952240572

Email : icrabes@vit.ac.in

Website : <https://vit.ac.in/ICRABES/>