



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956



A National Symposium on Integrated Bioprocess Technology : Advances and Future Prospects (IBTAFP-2021)

(07 – 08 January – 2021)

Organized by
Dept. of Biotechnology
(NBA-Accredited)
VFSTR, Guntur, A.P., India



VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH (VFSTR)

The University was established in the year 2009 and is accredited by NAAC as "A". The University gives top priority to academic excellence with social responsibility. This has been made possible under the dynamic leadership of honorable Chairman Dr. Lavu Rathaiah, and Vice-Chairman Shri. Lavu Sri Krishna Devarayalu, Member of Parliament. The University is driven by values, ethics, and a dedicated team of professionals. With a greater emphasis on innovation, research, skill development and entrepreneurship, the University has entered an exciting phase and is shouldering greater responsibilities in imparting technical skill development, in keeping with our honorable Prime Minister's vision of "Skill India, Make in India and Digital India".

ABOUT THE DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology at VFSTR was established in the year 2006. It was accredited by NBA in the year 2020. There are 25 doctorates among its faculty members. It supports the extension activities such as rural development by promoting the cultivation of medicinal plants to the local farmers, especially among women. The Department is very well established with COE, animal cell culture facility, bioprocessing lab, plant tissue culture lab, bioinformatics lab, animal house, clean room, and biogas plant, with an ample strength of students (600) and faculty. The Department has been supported by VFSTR, DST-FIST, and has attracted more than 10 external research projects to the tune of Rs. 3.5 crores. The Department offers B.Tech (Biotechnology and Bioinformatics), B.Tech. (Hons), M.Tech and Ph.D. Programs. Both B.Tech and M.Tech students undergo industrial internships, either in India or abroad. Every academic year, 20% of the students go for higher studies abroad, while 10% of the students prefer higher education in India, and the remaining 60% students get placements in various firms.

ABOUT THE SYMPOSIUM

Bioprocess is an inevitable requirement for up-scaling metabolites using living cells required for nutraceuticals and therapeutics. The increase in requirements of metabolic by-products is in its up-surge primarily because of the increase in the population and decrease in the agricultural harvest. Bioprocess Technology deals with optimization and development of media and processes, genetic strain improvement for bulk manufacturing of different classes of products such as antibodies, antibiotics, vaccines and enzymes, phytochemicals, cytokines etc. having the commercial significance in pharmaceutical, food and healthcare sectors. It also includes development of methods, analytical systems and sensors for the production of biobased products. The process technology focusses on translation of biological discoveries into industrial products for the benefit of mankind. In the last three decades many advances have been made in bioprocess technology which strive to increase yield, product recovery and purity. Innovations in technology have led to develop integrated processes with automation, to anticipate the elevated yield of bio-therapeutics and other value-added products. However, the bioproduct manufacturing sector is still facing challenges in the development of high yield and low-cost bioprocesses which needs further innovations. Hence this symposium is aimed to bring researchers, academics and industrial experts onto a single platform that can help for academic excellence and also stimulate the research in the field of bioprocessing. The participants of symposium will be benefited by gaining knowledge on selected domains, of process technology and development.

Keynote Speakers



Prof. Mukesh Doble

Professor, Dept. of Biotechnology,
Indian Institute of Technology,
Madras, Tamilnadu.



Dr. Sai Ram

Sr. Vice President,
(Former Additional Director, DRDO)
Biological E Limited, Hyderabad,
Telangana.

Invited Speakers



Dr. A. Gangagni Rao

Chief Scientist CSIR-IICT,
Hyderabad, Telangana



Prof. V. Venkata Dasu

Professor, Dept. of Biosciences
and Bioengineering, Indian
Institute of Technology, Guwahati



Dr. Prakasham R S

Chief Scientist (Rtd.) CSIR-IICT,
Hyderabad, Telangana



Mr. Vikram Vanama

Head - Technical Operations &
Business Development, Founder
Director and partner in Trimax
Bio Sciences Pvt Ltd, Raichur,
Karnataka.



Dr. G. H. V. C. Chary

Scientist-D / Joint Director,
Ministry of Environment, Forest
& Climate Change, Integrated
Regional Office Bhopal
Madhyapradesh.



Dr. Samir Kumar Roy,

Head-R&D: Nagarjuna Fertilizers
and Chemicals Limited.
Hyderabad, Telangana.



Mr. K. Jagadeesh

Sr. Principal Scientist
Process Development (BPU)
Kemwell Biopharma Pvt Ltd.,
Bangalore, Karnataka.



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Dr. G. Srinivasa Rao, Dean, R&D
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Research Advisor

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Dr. Md. Nazeen Bobby, Assoc. Prof.

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Dr. S. Jagadish, Asst. Prof.
Dr. Shilipi Sarkar, Asst. Prof.
Mrs. A. Naga Lakshmi, Asst. Prof.
Mr. N. Venkata Raju, Asst. Prof.

REGISTRATION

Free for Students, Research Scholars, Scientists,
and Faculty members from the Universities, Institutions,
Colleges and Industries.

Registration opens on **25th December 2020**

Registration closes on **05th January 2021**

Registration link : <https://forms.gle/STdym7sYjsEwBG3o8>

INSTRUCTIONS TO PARTICIPANTS

Presentation will be held over a virtual platform, such as ZOOM.
The ZOOM link will be provided to the registered participants
E-certificate will be issued for all the participants.

VENUE

NET working facility lab supported by the DST-FIST
Department of Biotechnology (NBA-Accredited)
Vignan's Foundation for Science, Technology and Research
(Deemed to be University)
Vadlamudi, Guntur-522 213, Andhra Pradesh, India.

