

ORGANIZING COMMITTEE

CHIEF PATRON Prof. K. Raja Reddy
Hon'ble Vice-Chancellor
Sri Venkateswara University
Tirupati-517502, A.P., India.

PATRONS Prof. O. Mohammad Hussain
Registrar
Sri Venkateswara University.

Prof. M. Srinivasulu Reddy
Principal, SVU College of Sciences
Sri Venkateswara University.

CONVENER Prof. T.Vijaya
Member - BoS, Department of Biotechnology
Sri Venkateswara University.

ORGANIZING SECRETARY Dr. K. V. Saritha
Associate Professor, Chairperson, BoS & Head
Department of Biotechnology
Sri Venkateswara University.

SCIENTIFIC COMMITTEE MEMBERS

Prof. S.D.S. Murthy
Dean, SVU College of Pharmaceutical Sciences

Prof. Y.C. Ratnakaram
Dean, Faculty of Sciences

Prof. Ch. Appa Rao
Dean, CDC

Prof. O.V.S. Reddy
Head, Department of Biochemistry

Prof. N. Savithamma
Head, Department of Botany

Prof. S. Kishore
Head, Department of Zoology

Prof. Ch. Paramageetham
Head, Department of Microbiology

Prof. T. Damodaram
Department of Environmental Sciences

Prof. K. Surendranadha Reddy
Head, Department of Anthropology

Dr. P. Naga Jyothi
Head, Dept of Fishery Science & Aquaculture

Dr. R. Ranjani
Head, Department of Virology

Dr. K.V. Sucharitha
Head, Department of Home Science

Prof. M. Hema
Department of Virology

Dr. M. Charitha Devi
Department of Virology

Dr. G. Narasimha
Department of Virology

Dr. M. Nagalakshmi Devamma
Department of Botany

Dr. K. Manjula
BoS, Department of Home Science

Dr. M. Balaji
Department of Biochemistry

Dr. J. Kamakshamma
Department of Botany

Dr. Y. Suneetha
Department of Zoology

Dr. M. Rajasekhar
Department of Zoology

Prof. R. Usha
Department of Biotechnology, SPMVV

Dr. P. Josthna
Department of Biotechnology, SPMVV

Dr. N. J. Sushma
Department of Biotechnology, SPMVV

Dr. B. Kishori
Department of Biotechnology, SPMVV

Dr. K. Venkata Subbaiah
Research Scientist, DST-PURSE Centre

Dr. Y. Subba Rao
Research Scientist, DST-PURSE Centre

Dr. T. Geetharathan
Department of Biotechnology

Dr. M. Hemalatha
Department of Biotechnology

Dr. M. Srilatha
Department of Biotechnology

Dr. M.V. Jyothikumar
Department of Biotechnology

Dr. K. Chandra Mouli
Department of Biotechnology

V. Shanmuga Kumar
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CONTACT DETAILS

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National Seminar on Recent Advances in Life Sciences and Biotechnology

27-28, February -2023



NSRALB²⁰²³



ORGANIZED BY

DEPARTMENT OF BIOTECHNOLOGY
SVU COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY, TIRUPATI-517 502,
ANDHRA PRADESH, INDIA.

Email: biotechsvu@gmail.com
Website: www.svuniversity.edu.in

The National Seminar is organized by the Department of Biotechnology with the co-ordination of the following Departments such as Biochemistry, Botany, Zoology, Microbiology, Fishery Science and Aquaculture, Virology, Pharmacy, Home Science, Anthropology and Environmental Sciences .

ABOUT SRI VENKATESWARA UNIVERSITY (ACCREDITED WITH A⁺ GRADE BY NAAC)

Sri Venkateswara University, Tirupati was established in 1954 on sprawling campus of 1000 acres with a panoramic and pleasant hill view. This University stands as testimony to the wisdom and foresight of great visionaries Late Sri Tanguturi Prakasam Pantulu, the then Chief Minister of Andhra Pradesh and Late Sri Neelam Sanjeeva Reddy, to cater the educational needs and aspirations of the people of Rayalaseema area. With a great wisdom, the founders of this University have rightly coined the motto “Wisdom lies in proper perspective” for it. The University has grown excellently from strength to stature over the past sixty eight years, as premier institute of higher learning under the able and committed leadership of successive Vice-Chancellors starting from Prof. S. Govindarajulu to the present Vice-Chancellor Prof. K. Raja Reddy. The initiatives taken by the present Vice –Chancellor Prof. K. Raja Reddy have already started tremendous yielding and excellent results, in terms of research funding, extension activities and thus keeping the University on the right path of excellence. It has gone through greater strides in the transformation of the University with acquiring necessary and modern sophisticated instrumentation to catch up with the world competition in academic and research programmes. Sri Venkateswara University achieved many milestones.

DEPARTMENT OF BIOTECHNOLOGY

Sri Venkateswara University was started two year M.Sc course in Biotechnology during the academic year 1995-96 with the intake of 30 students with thrust areas such as Medicinal and Aromatic Plants, Animal, Environmental, Microbial and Plant Biotechnology. Research programmes such as M.Phil & Ph.D were also started in the same academic year. The Department has significantly expanded the breadth and scope of its activities over the period of 27 years. Its goal has been to train the manpower in the area of Biotechnology to cater the needs of the society. The Department provides rich educational experience to the students that include vigorous theoretical courses and practicals related to understand the concepts of Biotechnology. The extensive training in different areas of Biotechnology make the student an appropriate candidate not only to take up teaching or pursuing doctoral research, but also competent enough to work in industries. The faculty members have received advanced overseas training in their respective areas. The faculty members have received grants from UGC, DST, ICAR, ICMR and CSIR to the tune of around Rs. 125 lakhs. Since its inception over 61 students have been awarded with Ph.D degrees and published more than 250 research papers in journals of national and international reputation having high impact factor. The students of this department have good placement record across the world.

ABOUT TIRUPATI

Tirupati is known as the temple town and claims its place among one of the spiritual cities in the world. The city is known for the world famous Sri Venkateswara Swamy Temple and other historical palaces. Tirupati is a unique place with several diversified Central and State Universities (IIT, IISER, Vedic Univ, Sanskrit Vidyapeeth, SVIMS, SV Veterinary Univ and Sri Padmavathi Womens Univ). Weather in February would be pleasant.

ABOUT THE CONFERENCE

The world has witnessed extraordinary advances in Science and Technology over the last few decades. Biotechnology one such area of growth in an umbrella term covering a broad spectrum of scientific applications used in many tremendous areas such as health, environment and agriculture. It involves the use of living organisms or parts of living organisms to provide new methods of production and make new products. However from new vaccines to prevent disease to genetically modified plants with resistance to pests, from replacement of heart, liver and kidney that are better accepted by the body to treatments for human infertility. Innovations, techniques and tools that have emerged and revolutioned modern Biotechnology include plant and Agriculture Biotechnology, Animal Biotechnology, Bioprocessing Technology, Environmental Biotechnology, and Microbial Biotechnology, structure based molecular designs including drug discovery, drug targeting and delivery systems etc. The main aim of the seminar is to discuss the recent advances in Life Sciences and Biotechnology to analyze emerging trends and scenarios and to explore the future responsibilities and developments in redesigning the forthcoming Biotechnology research in relation to the changing dynamics of user expectations. The main objectives are to explore the inter and multi-disciplinary research in the areas where Biotechnology and related technologies get together. To offer universal platform to Academicians, Researchers and experts from industries, Scientists to share experiences, discuss research innovations in Biotechnology research and to build partnership between department of Biotechnology and other related departments of Sri Venkateswara University with other Universities both India and Abroad to develop collaborations and meet experts on the fundamentals, user applications and products of the mentioned areas of research.

MAJOR THEMES OF THE CONFERENCE

- Plant and Agricultural Biotechnology
- Algal Biotechnology
- Biotechnology of Medicinal and Aromatic Plants
- Marine Biotechnology
- Food and Nutritional Biotechnology
- Nano Biotechnology
- Environmental Biotechnology
- Animal Biotechnology
- Bioprocess Engineering
- Microbial Biotechnology
- Biotechnology and IPR
- Industrial and Manufacturing Biotechnology
- Biochemistry and Molecular Biology
- Pharmaceutical Biotechnology
- Genetics and Tissue Science Engineering
- Bioinformatics and Chemi-informatics in Natural Products
- Biotechnology Parks
- Aquaculture Biotechnology
- Medical Biotechnology and Biomedical Engineering
- Metabolic Engineering
- Genomics, Proteomics and Next Generation Sequencing
- Marketing of Biotechnology in A.P and India

GUIDELINES FOR POSTER PRESENTATION

BEST POSTER AWARDS

Participants are invited to submit their posters that should reflect one of the major themes of the seminar. The abstracts for poster must be no longer than 300 words including title, authors and affiliations. The poster should contain the title, author (s) name, affiliation (s) and address (s). All posters must be in English. Preferred structure of the poster includes Abstract, Introduction, objectives, methods, results and conclusions. Dimensions: Height 80 cm x Width 75 cm, Orientation: Portrait. Poster Title Font: Arial Bold 25, Poster Body Text: Arial 20. Pictures, graph to be used wherever needed to enhance the appearance. Poster should be in one piece of laminated sheet. The poster should contain important aspects of Recent advances in Life Sciences and Biotechnology. Best in poster presentations in each theme made during the national seminar will be awarded during valedictory function.

ACCOMMODATION

Accommodation would be provided in the University guest house and on first come first served basis on prior request and payment.

LAST DATE FOR REGISTRATION AS PARTICIPANTS - 25.02.2023

REGISTRATION FEE

BANK ACCOUNT DETAILS : “ORGANIZING SECRETARY-NSRALB 2023”

Students	: Rs. 250/-	Account Number	: 20008133284
Research Scholars	: Rs. 500/-	Bank	: State Bank of Bank
Faculty and Scientists	: Rs. 800/-	Branch	: Sri Venkateswara University Campus
Industry and Public Sector	: Rs. 1500/-	IFSC Code	: SBIN 0001197
Accompanying persons	: Rs. 1,000/-	MICR Code	: 517002005

ACCOMMODATION TARIFF/DAY

University Guest House (For invited delegates only)	: Rs. 700/-
Hotel-A class	: Rs. 3,000/-
Hotel-B class	: Rs. 2,000/-
Hotel-C class	: Rs. 1,000/-
Hostels for Students and Research Scholars	: Rs. 500/-

ADVISORY COMMITTEE

- Prof. R. R. Hanchinal, Former Vice-Chancellor, UAS Dharwad
- Prof. C. Varadarajulu Naidu, Dravidian University, Kuppam
- Prof. R. Ramamurthy, Former Vice-Chancellor, Sri Venkateswara University, Tirupati.
- Prof. W. Rajendra, Former Vice-Chancellor, Sri Venkateswara University, Tirupati.
- Prof. G. Rajarami Reddy, Former-Vice-Chancellor, Vikrama Simhapuri University, Nellore.
- Prof. S.R. Niranjana, Former-Vice-Chancellor, Gulberga University, Gulberga, Karnataka.
- Prof. A.S. Raghavendra, University of Hyderabad, Hyderabad.
- Prof.S.K.Bhatnagar, Founder & Secretary General, Society for Plant Research
- Prof. K.R.S. Sambasiva Rao, Former-Vice-Chancellor, Mizoram Central University, Mizoram.
- Prof. C. Manoharachary, Osmania University, Hyderabad.
- Prof. T. Pullaiah, S.K. University, Anantapuramu.
- Prof. P.B. Kavi Kishore, Osmania University, Hyderabad.
- Prof. P. Sreenivasula Reddy, Sri Venkateswara University, Tirupati.
- Prof. M. Dhananjaya Naidu, Yogivemana University, YSR Kadapa.
- Prof. D.V.R. Sai Gopal, Vice-Chancellor, Cluster University, Kurnool.
- Prof. D.C. Reddy, Sri Venkateswara University, Tirupati.
- Prof. K. Sathyavelu Reddy, Sri Venkateswara University, Tirupati.
- Prof. S. Krupanidhi, Vignana University, Guntur.
- Prof. P. Giridhar, CFTRI, Mysore.
- Prof. D. Kalarani, Sri Padmavathi Mahila University, Tirupati.
- Prof. S. Vijayabhaskar Rao, Dean R & D Sri Venkateswara University, Tirupati,
- Dr. Bindu Madhava Reddy, University of Hyderabad, Hyderabad.
- Dr. GPC Nagaraju, University of Alabama, USA.