GUIDELINES FOR SUBMISSION OF ABSTRACT AND FULL PAPERS:

The abstract should be between 300 and 350 words and must be accompanied by a brief author profile, including email ID, contact number, and official address. The full paper should be between 3500 and 6000 words, typed using Times New Roman font, size 12, on A4-size paper with a 1.5-inch left margin and 1-inch margins on all other sides. The document should be formatted with 1.5 line spacing and prepared in MS Word. A uniform formatting style must be strictly followed for all full paper submissions.

All abstracts and full-length papers should be submitted electronically to Email ID: mvsadvancesinlifesciences2025@gmail.com

Call for Poster and Oral Presentations:
Students and research scholars are cordially invited to submit their oral and poster presentations for the seminar.

Note: On-duty permission shall be facilitated by the Commissionerate of Collegiate Education, Hyderabad, subject to the submission of a full-length paper along with a plagiarism report before the due date.

Seminar Publication:
All plagiarism-verified full-length papers, duly accepted by the Editorial Board, were published in journals bearing ISSN numbers, with publication charges borne by the respective authors.

Important Dates:
Last Date for Abstract submission : **10th January 2026**
Last Date for Full paper submission : **15th January 2026**

Note : Communication regarding the acceptance of abstracts will be made by **19th January 2026**

Registration FEE: Faculty : **Rs. 300**
Students & Scholars: **Rs. 200**
Industrialists: **Rs. 1000**
G-Pay / Phonepe No: **8555972988** **Gubba Rajendar**

Registration Link :
https://forms.gle/h1iGL7uoQ6KHA7ic6

Contact details: **9885956765, 9010041639.**

Keynote Speakers:

Dr. D. Madhusudhan Reddy
Associate Professor of Microbiology, Palamuru University, Telangana, India.

Dr. Balakrishna
Assistant Professor of Biochemistry, Central University, Kerala, India.

Dr. V. Rajachandrasekhar
PDF of University of Louisville, KY, USA.

G. Vinod Kumar
Senior Scientist, Vivance Pte Ltd., Singapore.

700 Years of Green Majesty: The Pillalamarri Banyan Tree

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Former Vice-chancellor of Palamuru University, Telangana.
Prof. B. Bhadraiah (OU, Rtd.)
Former Registrar of Shathavahana University, Telangana.

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M.V.S. Government Arts and Science College (A), Mahabubnagar

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Assistant Professor of Botany, I/c Department of Microbiology

Convener and organizing secretary - II: Dr. K. Hari Prasad
Assistant Professor of Botany, I/c Department of Biotechnology

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S. DEEPTHY, LECTURER IN BIOTECHNOLOGY
S. JHANSI RANI, LECTURER IN MICROBIOLOGY

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Dr. S. Suresh, COE, Associate Professor, HOD- Botany.
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Prof. K. Satyabhasker Reddy, Physical Director.
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ALSDAHW-2025

One Day National Seminar
on
Advances in Life Sciences for Diversity, Applications, and Human Welfare

Date: 24-01-2026

Sponsored by TGCHE

ORGANISED BY
DEPARTMENT OF MICROBIOLOGY
&
DEPARTMENT OF BIOTECHNOLOGY

VENUE: SEMINAR HALL

M.V.S.GOVERNMENT ARTS & SCIENCE COLLEGE
(AUTONOMOUS)
NAAC RE-ACCREDITED (CYCLE–3) WITH B++ GRADE
[AFFILIATED TO PALAMURU UNIVERSITY]

DISTRICT: MAHABUBNAGAR, TELANGANA STATE, INDIA.

ALSDAHW-2025

About the Mahabubnagar: Mahabubnagar is the largest district in Telangana in terms of area (18432.00 sq. km) covered. It is also known as Palamoor. The name was changed to Mahabubnagar in honor of Mir Mahbub Ali Khan Asaf Jah VI, the Nizam of Hyderabad (1869-1911 AD). The district was situated between 77° 15' and 79° 15'E, of the eastern longitudes and 15° 55' and 17° 20'N, of northern latitudes.

Pillalamarri: The most interesting place to see in Mahabubnagar is the famous banyan tree called Pillalamarri, which is about 4 km from the town. There is a tomb of a Muslim saint under the tree. It is a 700-year-old banyan tree and its branches extend over an area of 3 acres. There is also an aquarium, a small zoo, and an archaeological museum here.

About the College: An eminent freedom fighter, Sri PallerlaHanumantha Rao, and other philanthropists of Mahaboobnagar conceived the idea of incarnating Mahaboobnagar Vidhya Samithi which led to the formation of MVS Arts & Science College in the year 1965. Initially, it commenced operations as a private college that had acquired 2(f) status on 01 July 1965 and 12 (b) status on 17 June 1972. The seamless public interest and local participation mooted the state government of Andhra Pradesh to take over the ownership of the College on 19 October 1979 and declared it as the Government Degree College. It was affiliated with Osmania University, Hyderabad in the beginning and the Government of Andhra Pradesh shifted the affiliation to Palamuru University with effect from June 2012. The College was accredited with a grade of B++ by NAAC in 2005, a Grade of B in 2013 and a Grade of B++ in 2022. The College is confirmed with autonomous status by UGC in the AY 2015-16. The College is situated in a lush, verdant, and serene atmosphere studded with elegance with a campus area of 37.6 acres.

About the Departments: The Department of Microbiology was established in 1998, and the Department of Biotechnology was established in 2009. The alumni of these departments are employed in various pharmaceutical industries and are working as research associates in several institutes under the Government of India.

Theme

"Multidisciplinary Integrative Approaches in Life Sciences: Pathways to Sustainable Development and Human Well-being"

Sub Themes

- Biodiversity and Conservation Biology in the Modern Era.
- Biotechnology, Genetic Engineering, and Molecular Innovations.
- Microbial Applications in Biomedical Sciences, Industry, and Environment: Role of Algae, Bacteria, Fungi, and Viruses.
- Probiotics and Nutraceuticals in Nutrition, Immunity, and Disease Management.
- Space Biology and Extraterrestrial Life Science Applications.
- Phytochemistry, Pharmaceutical Chemistry and Drug Discovery.
- Environmental Challenges and Climate Change Mitigation.
- Marine and Aquatic Resources: Potential and Protection.
- Bioinformatics, Biostatistics, and Computational Biology in Research.
- Nanotechnology and Advanced Materials in Life Sciences.
- Sustainable Agriculture, Food Security, and Nutritional Sciences.
- Toxicology, Public Health, and Disease Management.
- Integration of Life Sciences with Engineering and Space Technology.
- Entrepreneurship and Innovation in Biotechnology and Life Science Industries.
- Sustainable Business Models in Agriculture, Health, and Environmental Sectors.
- Economic Implications of Biodiversity Conservation and Climate Action.
- Global Trade, Intellectual Property Rights, and Biotechnology Patents.
- Corporate Social Responsibility in Health, Environment, and Sustainable Development.
- Science Diplomacy and International Collaboration in Life Sciences.
- Public Policy for Environmental Protection and Health Security.
- Legal and Ethical Issues in Biotechnology and Genetic Research.
- Governance, Climate Politics, and Sustainable Development Goals (SDGs).

About the Seminar: The seminar on "Advances in Life Sciences for Diversity, Applications, and Human Welfare" focuses on the recent progress and applications of life sciences in addressing global challenges. The program integrates diverse domains such as biodiversity conservation, biotechnology, nanotechnology, bioinformatics, environmental sustainability, public health, and policymaking. By uniting traditional and modern approaches, the seminar aims to provide a common platform for academicians, researchers, students, and industry professionals to share innovative ideas, foster interdisciplinary collaborations, and explore future directions for sustainable development and human welfare.

AIM:

TO EXPLORE AND INTEGRATE ADVANCEMENTS IN LIFE SCIENCES FOR BIODIVERSITY CONSERVATION, TECHNOLOGICAL INNOVATION, ENVIRONMENTAL SUSTAINABILITY, AND HUMAN WELL-BEING, THEREBY CONTRIBUTING TO GLOBAL KNOWLEDGE AND SUSTAINABLE DEVELOPMENT GOALS (SDGS).

Objectives

- To highlight the importance of biodiversity and conservation biology.
- To discuss innovations in biotechnology, molecular biology, and genetic engineering.
- To explore microbial applications in health, environment, and industry.
- To examine strategies for climate change mitigation and environmental challenges.
- To emphasize drug discovery, pharmaceutical chemistry, and disease management.
- To analyze sustainable agriculture, food security, and nutrition.
- To integrate bioinformatics, computational tools, and data sciences in life sciences.
- To understand applications of nanotechnology and advanced materials.
- To encourage entrepreneurship, innovation, and sustainable business models.
- To promote global collaboration, science diplomacy, and ethical research practices.

ORGANIZED BY: DEPARTMENT OF MICROBIOLOGY & DEPARTMENT OF BIOTECHNOLOGY
M.V.S.GOVERNMENT ARTS & SCIENCE COLLEGE (AUTONOMOUS), MAHABUBNAGAR-509001