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Registration Details

Registration Type	Date	Fees (INR)
Regular Registration	25th Feb, 2026	500/-
Spot Registration	27th & 28th Feb, 2026	600/-

For Payment Scan the QR code →

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Contact us for more Information
Dr. Girija Pashikanti
83414 07509
Dr. E. Venkateshwarlu
9848835092
Email: conferencevcop26@gmail.com

VAAGDEVI COLLEGES
VISWAMBHARA EDUCATIONAL SOCIETY

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**Viswambhara Educational Society &
Telangana Academy of Sciences**
Sponsored
Two Day National Conference on
**"Zebrafish as a Translational Model
Enhanced by Artificial Intelligence:
Exploring New Frontiers in
Biomedical Science"**
In Celebration of
NATIONAL SCIENCE DAY - 2026

27th – 28th February 2026

Organized by
Department of Pharmacology
In association with
IPA LOCAL BRANCH WARANGAL
Internal Quality Assurance Cell (IQAC), VCOP, &
Institution's Innovation Council (IIC), VCOP

About the Society

Viswambhara Educational Society is a leading academic consortium dedicated to excellence in pharmaceutical education and research. With four NAAC-accredited institutions, the Society combines academic rigor, industry relevance, and innovation to nurture competent, ethical, and skilled pharmacy professionals. Its colleges feature modern infrastructure, advanced laboratories, rich libraries, and accomplished faculty who mentor students in academics, research, and professional ethics.

About Vaagdevi College of Pharmacy

With a strong emphasis on innovation and ethics in pharmacy education, the autonomous college provides top-tier academic programs and research opportunities to its students. One of the oldest institutions under the society was established in 1997. Located at Ramnagar, Warangal, it is approved by the Pharmacy Council of India (PCI), New Delhi, and affiliated to Kakatiya University. Vaagdevi College of Pharmacy has earned a reputation for its research-focused approach and robust academic framework. The college is presently offering B. Pharmacy, Pharm. D, Pharm. D (PB) and M. Pharmacy (4 Specializations) programmes

About Telangana Academy of Sciences (TAS)

The Telangana Academy of Sciences (TAS) is a premier scientific body committed to the promotion and advancement of science, technology, and research excellence in the state of Telangana. TAS supports academic and research initiatives by encouraging scientific temper, fostering innovation, and facilitating collaboration among researchers, institutions, and industries. Through sponsorship of conferences, seminars, workshops, and outreach programmes, TAS plays a vital role in strengthening the scientific ecosystem and inspiring young minds toward meaningful contributions in biomedical and allied sciences.

About the Conference

Zebrafish (Danio rerio) has emerged as a powerful translational model in biomedical research, bridging the gap between basic biological studies and clinical applications. The integration of Artificial Intelligence (AI) and computational approaches has further revolutionized zebrafish-based research, enabling advanced disease modeling, drug discovery, toxicological screening, and molecular analysis.

This two-day national conference aims to bring together academicians, researchers, clinicians, industry experts, and students to explore cutting-edge developments in zebrafish research enhanced by artificial intelligence. The program will feature expert lectures, oral and poster presentations, and interactive discussions to foster interdisciplinary collaboration and innovation.

Objectives

- To explore the role of zebrafish as a translational model connecting basic biological research with human health applications.
- To provide a platform for researchers, academicians, and students to exchange insights on zebrafish-based pharmacological and toxicological studies.
- To enhance understanding of molecular mechanisms using zebrafish in drug discovery, disease modeling, and phytotherapeutic evaluation.
- To promote interdisciplinary collaboration and learning experiences in zebrafish-related research and computational approaches.

Expected Outcomes

- Enhanced understanding of zebrafish applications in pharmacology, toxicology, and developmental biology.
- Improved insights into in vivo drug efficacy and safety evaluation.
- Exposure to in silico tools, CRISPR design, and molecular screening techniques.
- Promotion of collaborative research and innovative project ideas.
- Establishment of academic and industry research networks.

Target Participants

- Faculty Members from Universities, Institutes, and Colleges
- Research Scholars
- Undergraduate and Postgraduate Students
- Professionals from Pharma & Allied Sciences

Call for Oral & Poster presentations

- Abstracts must be original and unpublished under Innovative Healthcare and Biomedical Research.
- Abstracts can be submitted for oral or poster presentation.
- Word limit: Maximum 250–300 words.
- Format:
  - Title (Bold, Sentence case)
  - Author(s) name(s)
  - Affiliation(s)
  - Email ID of the corresponding author
  - Body: Background, Objectives, Methods, Results, and Conclusion (structured or unstructured).
- Font: Times New Roman, Size 12, Single spacing.
- File format: MS Word (.doc / .docx).
- Send to Email: **conferencevcop26@gmail.com**

Important Dates

Abstract submission deadline	20th Feb, 2026
Abstract Acceptance Notification	23rd Feb, 2026
Regular Registration deadline	25th Feb, 2026

Distinguished Resource Persons

Dr. Raghavender Medishetti
Senior Research Scientist–I
Center for Innovation in Molecular and Pharmaceutical Sciences, Dr. Reddy's Institute of Life Sciences, Hyderabad

Dr. Megha Kumar
Senior Scientist, Zebrafish Laboratory
CSIR – Centre for Cellular and Molecular Biology (CCMB), Hyderabad

Dr. N. Prasad
Professor & Dean
University College of Pharmaceutical Sciences
Kakatiya University, Warangal

Dr. S. Vasudevamurthy
Principal
Department of Pharmacology
Jayamukhi College of Pharmacy, Narsampet, Warangal

PROGRAMME SCHEDULE

DAY 1 – 27th February, 2026

09:00 – 09:30 AM: Registration & Welcome Kit Distribution
09:30 – 10:30 AM: Inaugural Session
10:30 – 11:00 AM: Tea Break
11:00 – 12:00 PM: Session I
Exploring Zebrafish in Toxicology and Disease Modeling: Insights into Tyrosine Kinase Biology
Speaker: Dr. Raghavender Medishetti
12:00 – 01:00 PM: Session II
Zebrafish Animal Models: An AI Driven Future for Translational Cancer Research
Speaker: Dr. N. Prasad
01:00 – 02:00 PM: Lunch Break
02:00 – 03:30 PM: Session III
Molecular Mechanisms in Zebrafish Pharmacological Screening and In Silico Approaches on CRISPR Design
Speaker: Dr. Raghavender Medishetti
03:30 – 03:45 PM: Tea Break
03:45 – 05:00 PM: Oral & Poster Presentations
Theme: Innovative Approaches in Health Care

DAY 2 – 28th February, 2026

09:30 – 10:30 AM: Session IV
From Fins to Findings: Zebrafish and Developmental Insights to Disease Understanding
Speaker: Dr. Megha Kumar
10:30 – 11:30 AM: Session V
From Tank to Target: Leveraging Zebrafish for In Vivo Toxicity and Efficacy Assessments
Speaker: Dr. S. Vasudevamurthy
11:30 – 12:00 PM: Tea Break
12:00 – 01:00 PM: Valedictory & Award Ceremony
(Best Oral & Best Poster Awards and Closing Remarks)