



S.R.R & C.V.R GOVERNMENT DEGREE COLLEGE(A) VIJAYAWADA

ESTABLISHED IN 1937 - ACCREDITED WITH NAAC "A" GRADE (IV CYCLE)



TWO-DAY NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING FOR LIFE SCIENCES (AIMLS)

on 14 - 15 NOVEMBER 2025



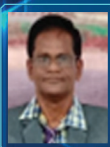
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Organised by
Department of Botany & Biochemistry
In Collaboration with
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Under the Aegis of Commissioner of Collegiate Education,
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BHIM UPI

GUIDELINES FOR PUBLICATION

The research or review article will be published in a book with an ISBN No.978-93-343-9899-1, after the peer review. The abstract should be limited to 250 -300 words including the title, authors and affiliation with minimum 3-5 key words. The full-length papers must be in MS- Word format with Times New Roman font. The title of the article (font size -14), names of the author, co-author and affiliation details (font size-10) and the script of the paper (font size -12). The paper shall not exceed 5 pages. The soft copies of abstracts and full length papers of research or review articles shall be sent to aimlifesciences2025@gmail.com

Prize money (For students only)

Best oral talk: 1st Prize – Rs. 2000/-

2nd Prize – Rs. 1000/-

Best Poster presentation: 1st Prize – Rs. 2000/-

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The last date for submission of abstracts is **1 st November 2025** and for full-length papers is **7 th November 2025**

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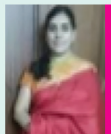
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About the college

S.R.R & C.V.R Government Degree College (Autonomus) established in 1937 is a premier institution of higher education in Andhra Pradesh. accredited with an 'A' Grade (CGPA 3.03) by NAAC in 2023 and is ranked the NIRF 101–150 band in the year 2020. The college offers 24 undergraduate and 9 postgraduate programs in Science, Arts, and Commerce. With modern laboratories, digital classrooms, a spacious library, sports facilities, and vibrant student clubs (NCC, NSS etc). The college blends academic excellence with holistic development. Incubation centre, skill development, and career counselling initiatives empowers students, particularly those from disadvantaged backgrounds, to excel professionally and contribute to society.

About the Conference

The AIMLS Conference aims to bring together students, faculty, researchers, technologists and industry professionals to explore the transformative impact of Artificial Intelligence (AI) and Machine Learning (ML) in the field of Life Sciences. This two-day conference will showcase innovative applications, examine emerging trends, and foster dialogue on the challenges and opportunities associated with implementing AI and ML in life sciences. The conference provides a platform for interdisciplinary collaboration and knowledge exchange with the goal of advancing research development and practical solutions in this rapidly evolving domain.

Theme of the Conference

The conference offers AI-powered solutions for a sustainable future in Life Sciences. This theme encompasses the transformative potential of AI and ML in addressing critical challenges, promoting sustainability, and fostering interdisciplinary collaboration in Life sciences.

Sub themes of the Conference

1. Applications of Artificial Intelligence and Machine Learning in Life Sciences
2. AI and Machine Learning for Advancements in Agriculture and Plant Sciences
3. Artificial Intelligence Applications in Environmental Studies and Sustainability
4. AI and Machine Learning in Medicine and Healthcare Innovations
5. AI-Driven Approaches for Sustainable Resource Management
6. Artificial Intelligence in Education: Opportunities and Challenges
7. Impact of Artificial Intelligence and Machine Learning on Societal Growth
8. Ethics of Artificial Intelligence in Life Sciences Research and Applications
9. Key Roles of AI and ML in Information Technology Development
10. AI for Pollution Monitoring and climate Impact Prediction
11. Applications of AI and ML in Biotechnology and Bioinformatics
12. Artificial Intelligence in Education and Its Societal Implications
13. AI for Teaching, Awareness Creation, and Ethical Practices in Life Sciences
14. AI in Ecosystem Monitoring, Biodiversity Mapping, and conservation
15. AI-Driven Tools for Disease Detection, Diagnosis, and Prediction
16. AI and Machine Learning Tools for Smart and Sustainable Farming
17. AI and ML in Data Analytics for Research and Decision-Making
18. AI for Inclusive Education, Physical education and Special Needs Learning
19. Artificial Intelligence and Machine Learning for Sustainable Development Goals (SDGs)
20. Artificial Intelligence and Machine Learning in Drug Discovery, Personalized Medicine & Genomics