ఆంధ్రప్రదేశ్ కేంద్రీయ విశ్వ విద్యా లయం - आंध्र प्रदेश केंद्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF ANDHRA PRADESH
Jnana Seema, Ananthapuramu Dist. (A.P)-515701, Andhra Pradesh

Department of Molecular Biology



(Genomics: Innovation, Health, Agriculture and Society)

Venue: Central University of Andhra Pradesh (CUAP) – Ananthapuramu

About the Conference:

Genomic science has emerged as a cornerstone of modern biological research, playing a pivotal role in understanding the genetic basis of diseases at the molecular level. Recent developments in genomic science have revolutionized biological research, healthcare, and biotechnology. In 2027, it continues to drive the advancement of personalized medicine by enabling treatments tailored to individual genetic profiles. Rapid progress in genome sequencing technologies has significantly improved the accuracy, speed, and affordability of diagnostics, thereby facilitating early detection and prevention of hereditary disorders. Furthermore, genomic approaches have contributed to the development of targeted therapies, particularly in the treatment of complex diseases such as cancer. Innovative techniques such as CRISPR gene editing are revolutionizing genetic engineering and therapeutic interventions. Beyond healthcare, genomic science plays a vital role in agriculture by enabling the development of high-yielding, stress-resistant crop varieties. It also supports advancements in microbiology, aiding in vaccine development and the control of infectious diseases. The integration of genomics with bioinformatics has enhanced the capacity to analyze and interpret large-scale genetic data efficiently. Overall, genomic science stands as a driving force behind transformative innovations in healthcare, biotechnology, and life sciences.

Conference Objectives:

- To expose postgraduate students and early-career researchers to recent advances and emerging technologies in genomic science
- To create a platform for interaction among students, young researchers, and established scientists
- To enhance research capacity by improving understanding of experimental design, bioinformatics tools, and data analysis

Organizing Committee:

- **Chief Patron:** Prof. C. Sheela Reddy, Hon'ble Vice Chancellor (I/C) - Central University of Andhra Pradesh
- **Patron:** Prof. S. B. Kivade, Registrar - Central University of Andhra Pradesh
- **Conference Chair:** Prof. C. Sheela Reddy, Hon'ble Vice Chancellor (I/C) - Central University of Andhra Pradesh
- **Organizing Secretary:** Dr. C. Dhanunjaya Kumar- Coordinator Department of Molecular Biology
- **Joint Organizing Secretary:** Prof. S. Rama Rao- Superannuated Faculty, Central University of Andhra Pradesh

Scientific Advisory Committee:

Prof. K.R.S Samba Siva Rao, NRIU, Vijayawada
Prof. Muralidhara Rao, SKDU, Anantapuramu
Prof. Shailendra Goel, DUNC, Delhi
Prof. N. Ramasawamy, KU, Warangal
Prof. S.R Joshi,, NEHU, Shillong
Prof. R. Suresh Kumar, IIT, Chennai
Dr. Yellama Naidu, GMC, Anantharamu

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Prof. H.S. Gehlot, JNVU, Jodhpur
Dr. Raghavendra PB, NIBMG, Kalyani
Dr. Obul Reddy, Syngene, Banglore

Local Organizing Committee:

- Prof. B.Venkateswarlu – Dean, Student Welfare, Head Department of Economics (CUAP)
- Dr. Babu Gopal – Associate Dean (R&D), Head Department of Political Science (CUAP)
- Dr. Abhilash Ponnam – Associate Professor Head, Department of Management, (CUAP)
- Dr. Akriti Shrivastava – Associate Professor and Head, Department of Psychology, (CUAP)
- Dr. Parimala G Kamatar Assistant Professor and Coordinator, Department of English (CUAP)
- Dr. G. Gurajada – Assistant Professor and Coordinator, Department of Telugu, (CUAP)
- Dr. P. Sumalatha – Assistant Professor (T&C), Department of Artificial Intelligence and Data Science (CUAP)
- Dr. Mohit Mishra – Assistant Professor (T&C), Department of Molecular Biology (CUAP)
- Dr. Diksha Tripathi – Assistant Professor (T&C), Department of Molecular Biology (CUAP)
- Dr. M. Jagadish Chandra Kumar – Assistant Professor (T&C), Department of Molecular Biology (CUAP)

Scientific Themes:

- Structural Genomics
- Functional Genomics
- Genomics in Agriculture
- Genome editing technologies
- Bioinformatics and Computational Biology
- Genomics in Healthcare and Diseases

Call for Abstracts

Researchers, academicians, industry professionals, and students are invited to submit original research abstracts for presentation at **RAGS 2027 – National Conference on Recent Advances in Genomic Science**.

Abstract Guidelines

The conference comprises keynote addresses, lead lectures, invited talks, and limited slots for oral presentations by participants

- Maximum **250 words**
- Font: **Times New Roman, 12 pt**
- Format can be downloaded from the website: https://cuap.ac.in/molecular-biology

Submit Abstracts to: RAGS2027@cuap.ac.in

Important: Only original and unpublished work should be submitted. Selected abstracts will be considered for oral or poster presentations during the conference.

All accepted abstracts submitted to the conference will be reviewed by the Scientific Committee and published in the official **Abstract Book of RAGS 2027**.

Important Dates

	Event Date
Registration	31/12/2026
Abstract Submission Opens	10/11/2026
Last Date for Submission	15/01/2027
Acceptance Notification	20/01/2027
Conference Dates	6th and 7th Feb, 2027

Registration Fee

Category	Registration Fee (INR)
Students	800
Faculty and Scientist	1500
Industry	2500
Accompanying Person	1000

Payment Details:

To be displayed on website by January 2027

Awards

- **Best Oral and Poster Presentations**
- **Eligibility: Researchers below 35 years**

Venue: Seminar hall -I, Dr. Sarvepalli Radha Krishnan Block, Central University of Andhra Pradesh, Jnana Seema, Ananthapuramu.

About Ananthapuramu: Ananthapuramu, located in the state of Andhra Pradesh, is one of the major educational and administrative centers of Rayalaseema region in the state. Historically, the area formed part of the ancient Vijayanagara Empire and later came under the rule of several dynasties, contributing to its rich cultural heritage. Ananthapuramu got its name from 'Anaatasagaram', a big tank, which means "Endless Ocean". The city is situated along the important Bengaluru–Hyderabad corridor and is well connected by road and rail networks. Known for its blend of historical significance and modern development, Ananthapuramu offers a conducive environment for academic, scientific, and professional interactions. Its growing educational and research institutions make it an ideal destination for hosting national conferences and scholarly events.

Chief Patron's Message

Prof. C. Sheela Reddy, Dean and Hon'ble Vice Chancellor (I/C) - Central University of Andhra Pradesh



I am delighted to extend my warm greetings to all delegates participating in RAGS 2027. Recent developments in genomic science have revolutionized our understanding of biological systems and opened new avenues in precision medicine, disease diagnostics, crop improvement, and biodiversity conservation. This conference aims to bring together eminent scientists, researchers, and young scholars to discuss research and innovative applications of genomics for societal benefit. I wish all participants a fruitful and enriching conference experience.

Patron's Message

Prof. S. B. Kivade, Registrar, CUAP



Genomic science is transforming our understanding of living systems and driving innovations in healthcare, agriculture, and environmental sustainability. RAGS 2027 provides an excellent platform for scientists, researchers, academicians, and students to discuss cutting-edge discoveries and emerging technologies. Deliberations on CRISPR-based genome engineering, next-generation sequencing, and translational genomics will promote scientific exchange and collaborative research. I extend my best wishes for the grand success of RAGS 2027 and a productive experience for all participants.

Conference Convenor's Message

Dr. C. Dhanunjaya Kumar, Asst. Professor (T&C)- Dept. of Molecular Biology, CUAP



On behalf of the organizing committee, I warmly welcome all delegates to RAGS 2027 – Recent Advances in Genomic Science. This conference serves as a dynamic platform to showcase breakthroughs in genomics, molecular biology, bioinformatics, and omics technologies. It brings researchers, academicians, industry experts, and students to exchange ideas and foster scientific collaborations. The deliberations will address emerging challenges and opportunities in life sciences and biotechnology. I sincerely thank our speakers, delegates and supporters for their valuable contributions. I wish all participants an inspiring, productive, and successful conference.

Conference Co-Convenor's Message

Prof. S. Rama Rao, Superannuated Faculty, CUAP



It is a great privilege to welcome all participants to RAGS 2027, a conference dedicated to exploring the transformative potential of genomic science. Advances in genomics are playing a crucial role in improving healthcare outcomes, enhancing agricultural productivity, conserving biodiversity, and supporting sustainable development. This conference provides a unique opportunity for researchers, faculty members, and students to gain insights into emerging technologies and their real-world applications. The exchange of ideas and experiences during the conference will help strengthen scientific networks and inspire future innovations. I wish all delegates a productive, insightful, and memorable experience at RAGS 2027.

Connectivity

By Air

- Nearest Airport: Bengaluru KIA is about 204 km from the venue
- Taxi/cab services from the airport are available

By Rail:

- Nearest Railway Station: Ananthapuramu on South Coastal Railway is about 15 Km from the venue
- Major trains connecting the city with important destinations like, Bengaluru, Hyderabad, Tirupathi, Vijayawada, Delhi, Kolkata etc.

By Road:

- Well-connected through National/State Highways
- City and Distances (approx.)

Hyderabad → NH 44 (about 360 km)

Bengaluru → NH 44 (about 210 km)

To Guntur / Amaravati → NH 544D

To Nandyal → NH 544D

To Rayadurg → NH 544DD

To Hindupur & Lepakshi → district roads connecting to NH 544E

To Ballari (Karnataka) → via Uravakonda / Kalyandurg regional highways

- Bus services from major cities are available through APSRTC, KSRTC

Sponsorship & Exhibition: Organizations interested in sponsorship or exhibition stalls may contact the organizing secretary and joint organizing secretary.

Contact

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