

# A THREE DAY INTERNATIONAL CONFERENCE (HYBRID MODE) ON

**Bio-Digital Alchemy: Global Innovations in AI-Quantum Enabled Transformation of Next-Generation Smart Materials and Life sciences (BAGAQML-2026) from March 23-25, 2026**

## Dr. K. Sarat Kumar

MTech., PhD., LLB., FIE, FIETE, FSES, Sr. MIEEE, C. Eng (IE, India)  
Member Secretary & Chief Executive Officer (CEO),  
O/o: Sri K. Pawan Kalyan garu, Dy. CM, Andhra Pradesh State  
Council of Science and Technology (APCOST),  
Department of Environment, Forests,  
Science & Technology, Government of Andhra Pradesh.



## Prof. Dr. M.V. Basaveswara Rao

Rector, Krishna University &  
Hon. Secretary, AP Akademi of  
Sciences, Amaravathi



## Prof. Dr. T.E. Gopala Krishna Murthy

Principal, Bapatla College of  
Pharmacy, Bapatla



## Dr. Deepanraj Balakrishnan

Assoc. Research Prof., Dept. of ME,  
Prince Mohammad Bin Fahd University,  
Al Khobar, Kingdom of Saudia Arabia



## Dr. Pasupuleti Visweswara Rao

Professor and Director International  
Relations and Research Collaborations,  
REVA University, Bangalore  
Futured in top 2% Scientists in the world by Stanford University



## Dr. V.S. Baswanth Oruganti

Quantum Computing Researcher,  
Department of Mathematics and  
Mathematical Statistics,  
Umeå University, Umeå, SE-90187, Sweden



## Dr. Mahesh Kumar Ravva

Associate Professor & Assistant Dean (Research)  
Department of Chemistry,  
Head, Centre for Inter Disciplinary Research  
SRM University-AP



## Dr. Nagababu Andraju

Material Scientist,  
CEM Research Institute,  
University of North Dakota, USA



## ORGANIZING COMMITTEE

### CHIEF PATRONS

- Sri Muppalaneni Srinivasa Rao, President, BES  
Sri Karumanchi Venkata Rao, Vice President-1, BES  
Sri Parepalli Chandra Sekhar, Vice President-2, BES  
Sri Manam Nageswara Rao, Secretary, BES  
Sri Doddapaneni Venkaiah Chowdary, Joint Secretary, BES  
Sri Kota Veera Brahmaiah, Treasurer, BES

### PATRON

Prof. Dr. B. Srinivasa Rao, Principal, BEC

### CONVENER

Dr. Ch. Subramanyam, HOD, Chemistry

### CO-CONVENER

Dr. V. Madhava Rao, Assoc. Professor

### ORGANIZING SECRETARY

Dr. K. Prasada Rao, Sr. Asst. Professor

### PROGRAMME CO-ORDINATORS

- Mr. A. Gopal, Asst. Prof.  
Dr. V. Syamala, Asst. Prof.  
Dr. N. Srinivasa Rao, Asst. Prof.  
Dr. S. Mohan, Asst. Prof. & Treasurer- BAGAQML-2026  
Dr. P. Priyadarshini, Asst. Prof.  
Mrs.V. Suneetha, Asst. Prof.  
Dr. K. Lakshmi, Asst. Prof.  
Dr. K. Umamaheswar, Asst. Prof.  
Ms. B. Sujatha, Asst. Prof.  
CO-ORDINATOR-TECHNICAL SUPPORT  
Sri. N. Kiran Kumar, HOD, MCA Dept.

# BAPATLA ENGINEERING COLLEGE

(Autonomous)

GBC ROAD, BAPATLA, BAPATLA (Dt), A.P., INDIA



## A THREE DAY INTERNATIONAL CONFERENCE (Hybrid mode) ON

**Bio-Digital Alchemy: Global Innovations in AI-Quantum Enabled Transformation of Next-Generation Smart Materials and Life Sciences (BAGAQML-2026)**

March 23-25, 2026



Organized by

Department of Chemistry

(Recognized as Research Centre by ANU)

**BAPATLA ENGINEERING COLLEGE (Autonomous)**

Mahatmajji Puram, GBC Road, Bapatla, Bapatla (Dt),  
Andhra Pradesh, INDIA, Pin Code:-522102

In association with  
**IIC, Bapatla Engineering College &  
A.P. Akademi of Sciences, Amaravathi**



## ABOUT THE COLLEGE

Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in engineering & sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region accredited with 'A+' by NAAC and NBA. BEC offers graduate programs in 10 disciplines, five PG programs in Engineering and Sciences. The College is a little away from the din and bustle of Bapatla, a town with a historic and hoary past, about 75 Km south of Vijayawada on Chennai - Vijayawada rail route. All departments have well equipped laboratories in addition to the common facilities of workshops, central library, state-of-art central computing facility, sports facilities and Innovation Centers that houses research and testing facilities for industrial projects and technology labs to promote inter-disciplinary research activities.

## ABOUT THE DEPARTMENT

Established in 1981, the Department of Chemistry boasts a team of experienced, highly qualified and dedicated faculty members with diverse specializations. Currently, 9 doctorates with a total of 12 faculty contribute to the department's academic excellence. The department oversees engineering chemistry and environmental studies for B.Tech as well as Diploma and PG programs. Recognized as a Research Centre by Acharya Nagarjuna University, it conducts research for M.Phil and Ph.D. courses. With a noteworthy accomplishment of publishing numerous research papers, the department has significantly contributed to the college's recognition in prestigious journals. The cumulative research publications of our faculty members exceed 250, reflecting the department's commitment to advancing knowledge in the field.

## ABOUT THE CONFERENCE

BAGAQML-2026 envisions a new scientific era where Bio-Digital Alchemy unites Artificial Intelligence, Quantum Science, Advanced Chemistry, Smart Materials, and Life Sciences to redesign the fundamental building blocks of matter and living systems. The conference highlights how AI-Quantum technologies are accelerating innovation in materials engineering, healthcare, drug discovery, biotechnology, sustainability, and intelligent systems. This platform brings together researchers, academicians, industry professionals, and innovators to exchange ideas that bridge atoms to algorithms and biology to bytes, fostering transformative technologies for society.

## SCIENTIFIC SCOPE

This conference focuses on the digital and quantum transformation of matter and life by integrating:

- **Artificial Intelligence** : Machine learning, generative AI, and data-driven science

- **Quantum Technologies** : Quantum computing, simulation, and sensing
- **Biological Sciences** : Systems biology, genomics, and computational biology
- **Chemical Sciences** : Green chemistry, molecular engineering, and reaction optimization
- **Material Sciences** : Smart materials, nano-materials, and quantum materials

## WHO CAN ATTEND

### Science & Research Community

- Chemists, Biologists, and Physicists
- Pharmaceutical & Healthcare Scientists
- Nanotechnology & Materials Science Experts
- Environmental Scientists & Sustainability Experts.

### Engineering & Technology Professionals

- Chemical, Biomedical & Biotechnological Engineers
- Computer Science & AI Researchers
- Electrical, Electronics & Instrumentation Engineers
- Mechanical, Civil & Environmental Engineers

### Academic & Student Community

- Faculty Members & Academicians – Educators and researchers interested in interdisciplinary collaboration.

### PhD Scholars, Postdocs & UG/PG Students

### Industry & Government Representatives

### R&D Professionals from Industries

## CALL FOR ABSTRACTS and FULL LENGTH PAPERS

We invite researchers, academicians, and industry professionals to submit **original research abstracts** in the areas of any science and engineering streams for **oral and poster presentations**. Abstracts must not exceed **300 words**.

### Abstract Submission Guidelines :

- Abstracts should include **title, authors, affiliations, and keywords**.
- Submissions must be in **Microsoft Word format (Times New Roman, 12 pt, single spacing)**.
- Clearly indicate whether the submission is for **oral** or **poster** presentation.
- The abstracts will be reviewed by the **Scientific Committee**, and acceptance will be communicated accordingly.

### Oral and Poster Presentations

#### Oral Presentations:

- Each oral presentation will be allotted 10 minutes, including Q&A..
- Presentation format: PowerPoint (16:9 format).

#### Poster Presentations:

- Poster size: 1x1 m size
- Posters should include **title, authors, institution, introduction, methodology, results, and conclusion**.
- Presenters must be available during their assigned session to discuss their work.

The abstract should be submitted to [bagaqml2026@gmail.com](mailto:bagaqml2026@gmail.com)

→ E-certificates will be provided to all online participants and presenters (who wish to present their work through online mode). E-book of conference proceeding with ISBN will issued to all presenters.

**All submitted abstracts and selected full length papers will be published as Conference proceeding book with ISBN number after peer review.**

## IMPORTANT DATES

Last date of submission of abstract : 17-03-2026  
Intimation of acceptance of abstract : 18-03-2026  
Last date for payment of registration fee : 19-03-2026  
Last date for submission of Full length paper : 20-03-2026  
Spot registration is also available at the venue for Participants

## AWARDS

**Award sections will be conducted for oral and poster presentations. Best three presentations will be given for each category.**

## ACCOMODATION

*Limited hostel facility is available for Female participants on payment basis. For Male Participants, accommodation will be available in local hotels of Bapatla on payment basis.*

## REGISTRATION LINK

<https://forms.gle/mfhos6r5sNYQhLN9s>

## REGISTRATION FEE

| Category of Participants       | Registration Fee |
|--------------------------------|------------------|
| Industry                       | 1000 /-          |
| Faculty (Offline Participants) | 750 /-           |
| Faculty (Online Participants)  | 500 /-           |
| Research Scholars              | 500 /-           |
| Students                       | 300/-            |



Registration fee includes conference material, E-book of conference proceedings and lunch for all attendees

The payment can be made by electronic money transfer as per the following details :

Beneficiary Name : **CHENNAMSETTY SUBRAMANYAM**

Account Number : **50100211481710**

Name of the bank : **HDFC, Bapatla branch**

IFSC Code : **HDFC0002642**

The payment can also be made through

G-Pay or Phone Pay @ **9490385962**

**For further details Contact:**



**Dr. Ch. Subramanyam**, Convener, BAGAQML-2026

Cell: 9490385962, Email: [bagaqml2026@gmail.com](mailto:bagaqml2026@gmail.com)

**Dr. V. Madhava Rao**, Co-Convener, Cell: 9440484238

**Dr. K. Prasada Rao**, Organizing Secretary,

Cell: 8008514677