

**A THREE DAY NATIONAL CONFERENCE ON
"Synergies in Chemistry, Material Science, and
Quantum Computers-2024" (SCMQ-2024)**

29-31st January, 2024

INVITED SPEAKERS



Prof. Dr. G. Ranga Rao,
Dept. of Chemistry, IIT, Madras



Dr. Surya Prakash Singh
Principal Scientist, CSIR-IICT,
Hyderabad



**Prof. Dr. M. V. Basaveswara
Rao** Secretary, AP Akademi of
Sciences & Principal,
Dr. M. R. Appa Row College of PG
Studies, Krishna University



**Prof. Dr. T. E. Gopala
Krishna Murthy**
Principal, Bapatla College of
Pharmacy, Bapatla



Dr. B. Ratna Sunil
Assoc. Prof., Dept. of ME, BEC,
Bapatla



Dr. V. S. Baswanth Oruganti
Asst. Prof., Dept. of Chemistry,
SRM University, AP



Dr. Rahul Shukla,
Asst. Prof. Department of
Chemistry, GITAM
University, Vizag

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CO-CONVENER

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ORGANIZING SECRETARY

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Dr. K. Lakshmi, Asst. Prof.

Dr. K. Umamaheswar, Asst. Prof.

Ms. B. Sujatha, Asst. Prof.

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Sri. N. Kiran Kumar, HoD, MCA Dept.

BAPATLA ENGINEERING COLLEGE

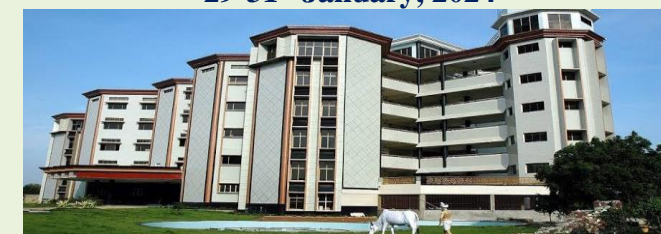
(Autonomous)

**GBC ROAD, BAPATLA, BAPATLA (Dt), ANDHRA
PRADESH**



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Organized by

Department of Chemistry
(Recognized as Research Centre by ANU)

Bapatla Engineering College (Autonomous)
Mahatmaji Puram, GBC Road, Bapatla, Bapatla (Dt),
Andhra Pradesh, INDIA, Pin Code:-522102

In association with

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. BEC offers graduate courses in 10 disciplines, five PG courses in Engineering. 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, nine doctorates contribute to the department's academic excellence. The department oversees engineering chemistry and environmental studies for B.Tech as well as Diploma courses. 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

Welcome to the frontier of interdisciplinary collaboration! The Synergies in Chemistry, Material Science, and Quantum Computers Conference is an exclusive gathering that highlights the seamless integration of three dynamic fields. Join us on this transformative journey as we explore the powerful synergies that emerge when Chemistry, Material Science, and Quantum Computers converge, unlocking new possibilities and reshaping the landscape of scientific innovation.

Harmony in Chemistry:

Witness the seamless fusion of chemical principles with material design and quantum phenomena. Explore how chemistry advancements drive innovation in materials and influence quantum computing. Engage in discussions on molecular design, catalysis, and chemical processes intersecting with material science and quantum information.

Interconnected Material Science:

Discover the fusion of chemistry and quantum concepts, crafting materials with tailored properties. Uncover how material scientists leverage quantum principles for enhanced design and characterization. Delve into the symbiotic relationship between material science and quantum computing, shaping the future of electronics and energy.

Quantum Leap into the Future:

Immerse in the quantum frontier, where the collaboration of chemistry and material science propels quantum computer development. Witness quantum algorithms solving complex problems, engaging with experts pushing the boundaries of hardware and software, offering a glimpse into the future of computational capabilities.

CONFERENCE TOPICS

Computational Chemistry, Synthetic Organic Chemistry
Medicinal Chemistry, Drug Discovery and Design
Green Chemistry, Environmental Science, Material Science,
Quantum Computing, Nano Materials, Analytical Chemistry
Pharmaceutical Science, Polymer Science

Join us at the Synergies in Chemistry, Material Science, and Quantum Computers Conference and be part of a transformative experience where boundaries dissolve, and synergies emerge to shape the future of scientific exploration and innovation. Together, let's pave the way for a new era of interdisciplinary breakthroughs!

CALL FOR PAPERS (ORAL & POSTER PRESENTATIONS)

Original and unpublished review/research papers are invited from research scholars, students, academicians and Scientists for presentation in the multi-disciplinary areas of Chemistry, Material Science Quantum computing. One page abstract should be made in MS word (A4, single space, Times New Roman with front size 12) with margins of 1.5 inches (left & right) and 1 inch (top & bottom). It should not exceed 500 words and should contain title in bold, author name (s), the affiliation including email id of the corresponding author. The reference should be sited in

parentheses in text. The body text should be followed by scheme/figure, if any followed by 2-3 references.

Poster Size: The poster size is A0, equals 118 cm height x 84 cm length, or smaller. Please choose upright format and keep in mind that the font sizes should be big enough to allow your poster to be read from some distance. We suggest using a font size of 22-24 pt. for texts and 60-70 pt. for headings. You are kindly asked to bring your poster fully assembled and printed.

The abstract should be submitted to 'scmq2024@gmail.com.'

IMPORTANT DATES

Last date of submission of abstract: 26-01-2024

Intimation of acceptance of abstract: 27-01-2024

Last date for payment of registration fee: 28-01-2024

Spot registration is also available at the venue for Participants

AWARDS

Award sections will be conducted for oral and poster presentations. Best two 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/ai45vwwj3zyveUfG6>

REGISTRATION FEE

Category of Participants	Registration Fee
Industry	1000 /-
Faculty	750 /-
Research Scholars	500 /-
Students	300/-

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

Beneficiary Name: CH.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, 9490385962,

Email: scmq2024@gmail.com

Dr. K. Prasada Rao, Organizing Secretary 8008514677,

Email: prasad17467@gmail.com

