

## School of Applied Sciences, Department of Chemistry REVA Research Conclave – 2025

Organises a 2<sup>nd</sup> International Conference on

### Sustainable Energy and Environmental Technologies 2025 (ICSEET-2025)

**Date:** December 11, 2025 (Pre-Conference)  
(Hands on Training on Electrochemical Techniques)

**Date:** December 12 & 13, 2025 (Conference)  
(Offline and Online Mode)



## About REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2012 in Bengaluru, the IT capital of India. REVA University, recognised by the University Grants Commission (UGC) and approved by the All India Council for Technical Education (AICTE), has an A+ grade from NAAC.

REVA University prides itself in contributing to every student's holistic development. The University currently offers 38 full-time undergraduate programmes, 31 full-time postgraduate programmes, 20 PhD programmes, and certification and diploma programmes. The University offers programmes in Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed based on methodical analysis and research with emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

Teachers and instructors with illustrious academic experience are the architects of the meticulously designed curriculum and program modules offered at REVA University. They come with industrial exposure and experience that often translates through their teaching, thus bridging the gap between the industry and academia.

## About School of Applied Sciences

The School of Applied Sciences offers graduate and post graduate programs which are incredibly fascinating and practice oriented, is also conceived to conduct project oriented studies and research. It mainly aims to attract talented youth and train them to acquire knowledge and skills which are useful to industrial sector, research laboratories and educational institutions. The academic insights gained through these comprehensive courses are efficiently linked to industry exposure. Research based learning and innovative practices are given precedence over theoretical studies. The school presently offers B.Sc., in MCG, BStCs, BBG, and M.Sc., in Chemistry, Mathematics, Physics, Biochemistry, Microbial Technology and Biotechnology. The school facilitates research leading to Ph.D., in Physical, Chemical and Biological disciplines.



## About the Chemistry Department

The Department of Chemistry started with PhD program in the year 2016 and M.Sc. Chemistry program in 2017. The department has a diverse group of highly qualified, experienced and committed faculty members. The department has well-established and a dedicated R & D center, Center of Excellence equipped with advanced instruments to support cutting-edge research in Electrochemistry, Organic Synthesis, and Nanomaterials, enabling impactful PhD research. The Department of Chemistry has received Rs. 4.5 crores of funds from external funding agencies such as DST, SERB, COIR, KSCST, etc to establish and encourage excellence in research. Currently, around 96 research scholars are pursuing their PhD under the guidance of experienced research supervisors.

The industry-aligned postgraduate curriculum, developed with academic and industry experts, emphasizes practical skills, innovation, and sustainability. The M.Sc. program offers specializations in Inorganic, Analytical, and Organic Chemistry, with a mandatory four-month research internship in the final semester. In addition, foundation courses, seminars, workshops, skill development programs, FDPs, and academic conferences are regularly conducted to foster the holistic development of students.

## About the Conference

The International Conference on Sustainable Energy and Environmental Technologies-2025 (ICSEET-2025) is being organized to exchange knowledge between academic institutions, industries and public. The main focus of ICSEET-2025 is on the latest innovations on energy storage devices, conversion devices and environmental aspects which are the major driving forces for the economy and in general society. The topics of the conference are covered by eminent speakers, aspiring to share their knowledge to the broad audience across the globe. The conference provides platform to present their scientific findings from India and around the globe as an oral, poster presentation and also involve in the panel discussion.

## Themes of the Conference

- Green and sustainable chemistry
- Catalysis: water splitting reactions, photocatalysis, electrocatalysis
- Energy conversion devices: Solar cells - polymer solar cells, dye-sensitized solar cells, perovskite solar cells, quantum dot solar cells, hybrid solar cells, silicon solar cells etc.
- Energy storage devices: Polymer batteries, Li-ion batteries, Na-ion batteries, K-ion batteries, zinc-magnesium batteries, redox flow batteries, super capacitors etc.
- Fuel Cells – Direct methanol fuel cells, Solid-oxide fuel cells, reversible fuel cells, phosphoric acid fuel cells, alkaline fuel cells, molten carbonate fuel cells etc.
- Environmental aspects: CO<sub>2</sub> reduction, CO oxidation, nitrate reduction (ammonia Synthesis), etc.,

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## **Conference Chair**

**Dr. M. B. Madhusudana Reddy**

Professor and Head, Department of Chemistry  
REVA University

## **Convener**

**Dr. D. H. Nagaraju**

Professor  
Department of Chemistry, REVA University

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- Dr. G. P. Nagabhushana, PES University, Bangalore.
- Dr. Anitha Varghese, Christ University, Bangalore

## List of Speakers



### **Dr. Prashanth Menezes**

Head of Department - Materials Chemistry for  
Catalysis at Helmholtz-Zentrum Berlin(@HZBde) &  
Group Leader at Technische Universität Berlin (@TUBerlin)



### **Dr. Xuezhu Xu**

Associate Professor  
South China Advanced Optoelectronic Academy,  
South China Normal University, China.



### **Dr. Mohamed Mamlouk**

Professor, School of Engineering  
Room C401a, Merz Court  
University of Newcastle, upon Tyne, United Kingdom



### **Dr. V. Ganesh**

Senior Principal Scientist  
Central Electrochemical Research Institute (CECRI) Karaikudi  
630003 Tamilnadu, India



## **Dr. Muhammed Musthafa**

Associate Professor

Indian Institute of Science and Education Research  
(IISER) Pune, India



## **Dr. M. Sathish**

Senior principal scientist

Central Electrochemical Research Institute (CECRI) Karaikudi  
630003 Tamilnadu, India



## **Dr. Rakesh Kumar Pandey**

Mahatma Gandhi Central University,  
Mothihari, Bihar



## **Dr. Shahid Rasul**

Associate Professor

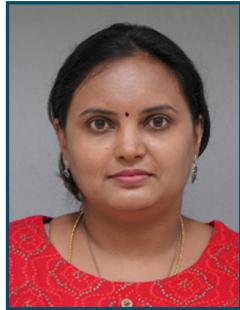
School: Engineering, Physics and Mathematics,  
Northumbria University, Newcastle



## **Dr. Rochan Sinha**

Co-founder & CTO

Newtrace Private Limited, Bangalore



## Dr. S. Radha

Director and Co-founder  
Hypower Green Energy Technologies, Bangalore



## Dr. Murarai

Founder & CEO, Vimano Inc



## Dr. Manav Saxena

Head, Center for Research Excellence and Innovation  
Associate Professor, Centre for Nano & Material Sciences  
JAIN (deemed-to-be University), Ramanagara  
Karnataka-562112, India



## Dr. Ravi Kumar

Associate Professor  
Atria University



## Dr. Himani Pandey

DST-Women Scientist, Department of Biotechnology  
Mahatma Gandhi Central University (MGCUB), Motihari, Bihar.

## **Call for Abstracts**

1. Original research abstracts are invited from students, industry professionals, researchers, academicians, and research scholars for poster and oral presentations.
2. All submissions will undergo an internal review process, and accepted papers will be presented at the conference. The reviewers' decisions will be final.
3. Acceptance or reviewer comments will be communicated to the corresponding author as soon as the review is completed.
4. Authors must send the abstract to the email ID: icseet-2025@reva.edu.in along with the filled registration form and the payment receipt of the registration fee.
5. The abstract must be prepared in MS Word using Times New Roman font, size 12.
6. The abstract must use 1.5 line spacing with one-inch margins on all sides.
7. The abstract must include: Title Page, Authors, Affiliation, Abstract, Scheme/Image/Diagram (if any), and References.
8. Corresponding Author/First Autor affiliation and communication address must be provided only on the first page. (All attendees must register)
9. Papers must not have been published, accepted, or be under review elsewhere.
10. The abstract must be a single page containing 200–300 words.
11. The abstract must include 4–6 keywords.
12. References should follow the American Chemical Society (ACS) Style.
13. Plagiarism must be below 10%.
14. First, Second, and Third Prizes for oral and poster presentations are awarded separately to students, research scholars, and faculty members.

## **Important Dates:**

<b>Last date for abstract submission</b>	<b>December 05, 2025</b>
<b>Last date for registration</b>	<b>December 05, 2025</b>
<b>Pre-Conference</b>	<b>December 11, 2025</b>
<b>Conference</b>	<b>December 12&amp;13, 2025</b>

## **Registration Fee**

Pre Conference & Conference (December 11 – 13, 2025)

Faculty / Research Scholar: Rs.1500.00

## **Conference (December 12 & 13, 2025):**

Faculty / Research Scholar: Rs. 1000.00

UG / PG Students: Rs. 500.00

Industry Delegates: Rs. 2000.00

Foreign Delegates: USD 100.00

**Participants can make their payments online using the**

**Payment link**

<https://www.reva.edu.in/payment>

**Registration Link**

<https://tinyurl.com/icseet-2025>



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<https://icseet-reva.vercel.app/>

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