

Organizing Committee

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International Advisory Members

1. Dr. Edwin Jager
LINKÖPING UNIVERSITY
2. Prof. TORIBIO Fernandez Otero
Universidad Politecnica de Cartagena

About the Department of Chemistry University of Calicut

The Department was established in 1968 under the leadership of Prof. S. S. Moosath with a mission to create a world class center for post-graduate education and advanced research in chemical sciences. Over the years, it has trained thousands of students and young researchers to take up academic and industrial position in India and abroad and has a rich alumnus to its credit. Presently the Department offers Integrated M.Sc., M.Sc., and Ph.D programs. The department has a faculty strength of 12 and the thrust areas of research include Nanochemistry, Synthetic Organic Chemistry, Advanced Materials and Processing, Corrosion Studies, Polymer Chemistry,

Computational Chemistry, Green Chemistry and Supramolecular Chemistry.

About C-MET

Dedicated to the furtherance of competent research and development in the firmament of Electronic Materials, the Centre for Materials for Electronics Technology (C-MET) functions as an autonomous scientific society under Ministry of Electronics & Information Technology (MeitY), Govt. of India. Besides augmenting core competence, C-MET envisions attainment of self-sufficiency in the sphere of Electronic materials, components and devices to cater to India's strategic and industrial applications, exploiting indigenous resources of raw materials.

About Linköping University

We all want to create a better world. At Linköping University, LiU, we use boundary-breaking research and innovative education to get there. To solve the challenges of the day, we are in continuous and close contact with industry and society. International rankings show that LiU is among the world's top universities. Our students are sought after in the labour market, and we are one of the most attractive employers in Sweden. We believe that all this stems from our courage to think freely and innovate in contexts large and small.

LiU continues to give generations of curious individuals the opportunity to grow and contribute to a better world. We do this with the power of 37,600 students and 4,300 co-workers.



Workshop on Electrochemical Science & Technology

With Special Emphasis on Conducting Polymers

18 - 19 March 2024

Aryabhata Hall, CSIF Complex

Organized by



Department of Chemistry
University of Calicut

In association with



About SPARC

Scheme for Promotion of Academic and Research Collaboration (SPARC) is an initiative from Ministry of Education (formerly known as Ministry of Human Resource Development (MHRD)), Government of India that is aimed at improving the research ecosystem in the higher education institutions in India. SPARC facilitates research collaborations with top institutions in 28 nations worldwide. SPARC aims at exposing large number of young students, the torch bearers of the future generation, to state of art developments in science, thereby increasing the number of highly trained scientific manpower in the country, as well as significantly enhance the visibility of Indian Science and Scientists in the world map of highly competitive cutting edge science. One component of the SPARC initiative is the conduct of joint workshop with the collaborating University.

Objectives

To fulfill the objective of SPARC, this Workshop is intended to help young faculty and research scholars to understand and explore the concepts of electrochemistry. This workshop is part of the SPARC project

Scope of the Program

The scope of the workshop encompasses various aspects of electrochemistry, including fundamental principles, experimental techniques, material synthesis, characterization methods, and practical applications along with the principles governing the behavior of conducting polymers. Furthermore, the workshop will explore the unique properties and potential applications of conducting polymers in diverse fields such as energy storage, sensing, actuation, biomedical devices etc. The workshop also seeks to enhance the practical skills of participants in experimental techniques commonly employed in electrochemistry and polymer science.

Resource Persons

Prof. Toribio Fernandez Otero

Technical University of Cartagena, Spain

Prof. Vijayamohanan Pillai, IISER, Tirupati

Prof. Edwin Jager

Linköping University, Sweden

Dr. Seema A., CMET, Thrissur

Dr. Jose Gabriel Martinez

Linköping University, Sweden

Dr. Arul Kashmir, CMET, Thrissur

Dr. Murali, CMET, Thrissur

Dr. Fazalurahman K., University of Calicut

Dr. Shabeeba A. K

Govt. Polytechnic College, Kunnampulam

Topics

- Basic concepts in electrochemistry
- Electrochemical Techniques
- Conducting Polymers
- Batteries / Energy storage devices
- Electrochemical Measurement and Data analysis
- Advances in Industrial Electrochemistry
- Hands-on demo sessions

Registration

No registration fee for the participants. Interested Candidates are requested to fill and submit the following form:

<https://forms.gle/zaomB18uzfr6zJkFA>



For more information, please contact:

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