

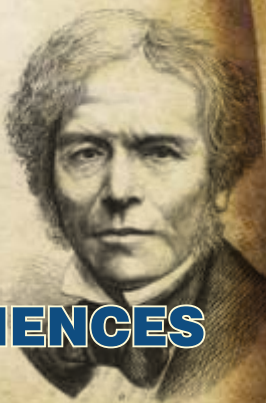


**UNIVERSITY OF CALICUT
DEPARTMENT OF CHEMISTRY**



National Seminar
**FRONTIERS IN
CHEMICAL SCIENCES**
FCS-2020

**ADVANCES IN ELECTROCHEMISTRY
AND MATERIALS SCIENCE**



29 - 31 January 2020

Organized by
The Department of Chemistry, University of Calicut
Kerala -673 635 - India

The Department of Chemistry at University of Calicut invites you to join us for the National Seminar on Frontiers in Chemical Sciences-2020 (FCS-2020) which will be organized by the department during 29th-31st January 2020 at the EMS Seminar complex, University of Calicut.

Scope

FCS-2020 provides a platform for scientists, researchers, academicians as well as industrial professionals from India to present their findings /results of their research and innovation activities related to Chemical Sciences focused on Electro chemistry and Materials Science. The conference is expected to bring together the leading researchers working on emerging frontiers of chemical sciences leading towards fruitful discussions and collaborations.

The topics of interest include but not limited to

Electrochemistry (Different aspects of electrochemistry, Electro analytical techniques, Electrodeics, Electro catalysis, Membrane electrochemistry, Fuel cells, Supercapacitors, Solar cells, Batteries, Spectroelectrochemistry, Electrochemical Sensors and Actuators, Electro-synthesis, Corrossion science etc.

Advanced Functional Materials (Nanomaterials and their applications, Nanofluids, Magnetic nanomaterials, Materials for energy and environmental applications, Carbon nano materials, Meta materials, Biomaterials, Smart materials and structures for advanced applications, Advance polymeric materials, Material modeling etc.)

Abstract Submission

All interested participants are requested to submit the abstract using the prescribed format available online at <https://chemistry.uoc.ac.in/index.php/2016-06-16-10-2034/seminar>. The abstract may be sent directly to the e-mail: arsborg@gmail.com / drabrahamj@gmail.com on or before 22nd January 2020. All submitted papers should be the original work and should not be under review by any other conferences.

Registration fee

Interested participants are requested to register through the format available online on or before 17th January 2020. The payment may be made at the registration desk during the seminar. Registration fee includes conference materials, refreshments and lunch.

Academia	₹ 1000
Industry	₹ 2000
Students	₹ 500

University of Calicut

The University of Calicut is the largest University in Kerala. Established in the year 1968, it is the second university to be set up in Kerala. The University aims to nurture excellence in education and research in its catchment areas of Northern Kerala, historically consigned to the periphery of Kerala's academic map. The University lays its emphasis on fostering quality human resource and promoting productive research that benefit both local communities and wider humanity. The University of Calicut has 398 affiliated colleges, 11 Academic Chairs and 38 off campus centres. The University campus, located at Tenhipalam, 24 km south of Calicut city center and 10 Km west of Calicut International airport is the main hub of academic activities. In the main campus there are 30 postgraduate teaching and research departments which include Arabic, Botany, Biotechnology, Centre for Women Studies, Chemistry, Commerce & Management Studies, Computer Science, Education, English, Hindi, History, West Asian Studies, Mass Communication & Journalism, Life Science, Library and Information Science, Life Long Learning & Extension, Malayalam and Kerala Studies, Mathematics, Nano Science & Technology, Philosophy, Physics, Physical Education, Psychology, Russian & Centre for Comparative Literature, Sanskrit, School of Folklore Studies, Statistics, and Zoology.

About the Department of Chemistry

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 hundreds of students and young researchers to take up academic and industrial position in India and abroad and has a rich alumni to its credit. Presently the department offers an M. Sc., M. Phil., and Ph. D. degrees. The department has a faculty strength of 13 and the thrust areas of research include Nano Chemistry, Synthetic Organic Chemistry, Electro Chemistry, Advanced Materials, Corrosion Studies, Polymer Chemistry, Computational Chemistry, Green Chemistry, Super Critical Fluids, Thermo Chemistry, Catalysis etc.

Accommodation/Hotel reservation

Limited number of accommodation will be provided to the participants at university guest house at their own cost. They are requested to contact the conference convener on or before 20th January 2020.

Invited Speakers

1. **Prof. S. Sampath**, IISc, Bangalore.
2. **Dr. Sebastian Peter**, JNCASR, Bangalore
3. **Dr. John Philip**, IGCAR, Kalpakkam
4. **Dr. M. M. Shaijumon**, IISER, Trivandrum
5. **Dr. Muhammed Mustafa**, IISER, Pune.
6. **Dr. K. Sreekumar**, NCL, Pune
7. **Dr. Mahesh Hariharan**, IISER, Trivandrum
8. **Dr. Joshy Joseph**, NIIIST, Trivandrum
9. **Dr. Subbiah Alwarappan**, CECRI, Karaikudi
10. **Dr. M. Kathiresan**, CECRI, Karaikudi
11. **Prof. Lisa Sreejith**, NIT, Calicut
12. **Dr. Seema**, C-MET, Thrisur.
13. **Dr. R. Leena**, CUSAT, Kcohi
14. **Dr. M.C. Basheer**, PSMO College, Tirurangadi

Conference Committee

Patron

Dr. V. Anilkumar

Hon. Vice Chancellor, University of Calicut

National Advisory Committee

1. **Prof. K.L Sebastian**, IISc, Bangalore
2. **Prof. Jemmis**, IISc, Bangalore
3. **Dr. A. Ajayaghosh**, NIIST, Trivandrum
4. **Prof. Eswaramoorthy**, JNCASR, Bangalore
5. **Prof S. Sampath**, IISc, Bangalore
6. **Prof. K. George Thomas**, IISER, Trivandrum
7. **Prof. T. Pradeep**, IIT Madras
8. **Dr. P.A. Joy**, NCL, Pune
9. **Dr. Vijaya Mohanan Pillai**, IISER, Tirupati
10. **Dr. Bhasikutan**, BARC, Mumbai
11. **Dr. V. Kumar**, CMET, Trissur

Organizing Committee

Dr. Yahya A.I. (Chairman)

Dr. A R Suresh Babu (Convener)

Dr. Abraham Joseph & Dr. N.K. Renuka (Joint Convenors)



Members

Prof. K. Muraleedharan

Prof. P. Raveendran

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Dr. Pradeepan Periyat

Dr. P.S. Aparna

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