

INTERNATIONAL CONFERENCE ON  
**EMERGING FRONTIERS IN  
CHEMICAL SCIENCES**  
**EFCS - 2023**

**19-21 DECEMBER 2023**

**INAUGURATION**

**Prof. N. KALAISELVI**

*Director General, Council of Scientific & Industrial Research*

**GUEST OF HONOUR**

**Smt. ISHITA ROY IAS**

*Principal Secretary, Department of Higher Education, Kerala*

*Organised by*



POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
**FAROOK COLLEGE (AUTONOMOUS)**

Farook College, Kozhikode, Kerala, India - 673 632.

**Aided by Govt. of Kerala and Affiliated to the University of Calicut**

A College with Potential for Excellence (CPE) • Re-accredited at 'A+ Grade' by the NAAC  
A Minority Educational Institution

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**WE WELCOME SCHOLARS, ACADEMICIANS, STUDENTS AND ENTREPRENEURS**

## About the Institution

Farook College, established in 1948, has been serving the nation and the community for the last several decades. It is the biggest residential post graduate institution under University of Calicut. The College has been re-accredited with 'A+' Grade by the National Assessment and Accreditation Council [NAAC], Bangalore. The college offers programmes in various disciplines at the undergraduate and postgraduate levels. Apart from this, several departments in the college offer research programmes as well.

## Post Graduate and Research Department of Chemistry

The Postgraduate and Research Department of Chemistry is one of the most prestigious departments of the college. The department was established in the year 1957, with the undergraduate programme. Today, it also offers postgraduate and doctoral programmes in a wide range of disciplines. The department has contributed great luminaries to the world of science.

## Emerging Frontiers in Chemical Sciences (EFCS)

"Emerging Frontiers in Chemical Sciences", an Annual Conference Series for the benefit of the region, was launched in 2017, with International and National events in alternate years.

**EFCS 2017:** The first International Conference held during 23-25 September 2017 was inaugurated by **Prof. C. N. R. Rao**. The event was noted for the presence of Eminent Academicians and researchers across the globe. Prof. E. D. Jemmis, Prof. K. Vijayamohan Pillai, Prof. Thomas Colacot, Prof. Shigeyuki Yagi, Prof. A. Ajayaghosh, Prof. Vasudevan Biju, Prof. I. N. N. Namboothiri, Prof. Kana M. Sureshan, Prof. H. Ila, Prof. Subi Jacob George and others were speakers at the Conference. Over 61 papers by young researchers were presented at the conference.

**EFCS 2018:** The first National Conference in the series held during 23-24 November 2018 was inaugurated by **Prof. S. Sivaram**. Eminent researchers such as Prof. Sabu Thomas, Prof. R. B. Sunoj, Prof. A. C. Bhasikkuttan, Prof. Mahesh Hariharan, Dr. E. Bhoje Gowd, Dr. B. L. V. Prasad and others from IITs, IISERs and other prominent institutes showcased findings of their research.

**EFCS 2019:** The third event in the series, Second International Conference, held during 13-15 December 2019 was inaugurated by **Prof. P. Balaram**. The conference was an opportunity for the young researchers in the region to experience the cutting-edge research in the field of chemical sciences. The event brought together great minds like Prof. Graham R. Cooks, Prof. Thomas Thundat, Prof. T. P. Radhakrishnan, Prof. C. Subramaniam, Prof. K. V. Radhakrishnan and Dr. Vinod C. Prabhakaran. There were poster sessions and special sessions showcasing the work of young researchers.

**EFCS 2020:** The fourth EFCS was held in the online mode in December 4-5, 2020. This was inaugurated by **Prof. Gautam R. Desiraju**. Prof. Shobhana Narasimhan, Prof. Satish Patil, Prof. Rajakumar Balla, Dr. Shibdas Banerjee, Dr. M. M. Shaijumon and others from various prestigious institutions were speakers.

**EFCS 2021:** The Fifth EFCS and the third international conference in this series (EFCS 2021), was held during 29 - 31 October, 2021. inaugurated by **Prof. Narayanasami Sathyamurthy**. The event brought together great minds like Prof. D. D. Sarma, Prof. Robin Ras, Prof. Tatsuya Tsukuda, Prof. A. Sampath, Prof. Asha S.K, Prof. Angshuman Nag, and others from various prestigious institutions.

**EFCS 2022:** The sixth EFCS and third national conference in this series held during 19-20 January 2023, was inaugurated by **Prof. S. Chandrasekaran**. Dr Ashish Kishore Lele, Dr. Neena Susan John, Prof. Arun Mohan Isloor, Prof. Prakash P. Neelakandan, Dr. Subinoy Rana, Dr. Susmita De, Dr. Jayaramulu Kolleboyina, Dr. Ananya Baksi and others were the speakers at the conference.

Prof. T. Pradeep was a speaker at all these conferences.

EFCS also felicitated prominent people who contributed to chemistry and allied sciences in the region.

# SPEAKERS

## **Dr. N. Kalaiselvi**

Director General, Council of Scientific & Industrial Research (CSIR)

## **Prof. T. Pradeep**

Indian Institute of Technology Madras

## **Prof. Yuichi Negishi**

Tokyo University of Science Japan

## **Prof. Nonappa Nonappa**

Tampere University Finland

## **Prof. Francesco Stellacci**

Institute of Materials Interfaculty  
Bioengineering Institute Lausanne  
Switzerland

## **Prof. Tomas Base**

The Czech Academy of Sciences  
Czech Republic

## **Prof. Vinu Ajayan**

University of Newcastle Australia

## **Prof. Rahul Raveendran Nair**

University of Manchester

## **Prof. G. Ranga Rao**

Indian Institute of Technology Madras

## **Prof. G. U. Kulkarni**

Jawaharlal Nehru Centre for Advanced  
Scientific Research Bangalore

## **Prof. Sebastian Peter**

Jawaharlal Nehru Centre for Advanced  
Scientific Research Bangalore

## **Prof. Sukhendu Mandal**

Indian Institute of Science Education and  
Research Thiruvananthapuram

## **Prof. Vivek Polshettiwar**

Tata Institute of Fundamental Research Mumbai

## **Prof. R. Murugavel**

Indian Institute of Technology Bombay

## **Dr. P. Sujatha Devi**

CSIR – National Institute for Interdisciplinary  
Science and Technology Trivandrum

## **Prof. G. Anilkumar**

Mahatma Gandhi University Kottayam

## **Dr. Indranath Chakraborty**

Indian Institute of Technology Kharagpur

## **Dr. Mini Mol Menamparambath**

National Institute of Technology Calicut

## **Dr. Debashree Chakraborty**

National Institute of Technology Surathkal

## **Dr. Shibu Sidharth**

University of Calicut

## **Dr. Nygil Thomas**

Nirmalagiri College, Kuthuparamba

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**Mr. C. P. Kunhimohammed**, Manager, Managing Committee, Farook College

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**Dr. Santosh Nandan**, Director, Ambernath Organics Pvt. Ltd., Mumbai. (Alumnus)

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MLA, Former Head, Department of Sociology, Farook College

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**Chairman:** Prof. T. Pradeep, IIT Madras (Alumnus)

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**Prof. V. M. Abdul Mujeeb**

Former Director, School of Physical Science, University of Calicut

**Dr. A.K. Abdul Rahim**, Director, Al-Farook Educational Centre, Farook College

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## REGISTRATION

Registration opens to all till **December 10, 2023**

Abstract submission opens till **November 30, 2023**

Kindly visit the website for registration: [www.efcs.in](http://www.efcs.in)



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