

NATIONAL CONFERENCE ON
**EMERGING FRONTIERS IN
CHEMICAL SCIENCES**
EFCS -2024

2nd & 3rd DECEMBER 2024

Inauguration

Prof. P. Raveendran

Honourable Vice Chancellor, University of Calicut, Kerala.

Organised by



POSTGRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

FAROOK COLLEGE (AUTONOMOUS)

P.O. 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 ICPE) • Re-accredited at 'A+ Grade' by the NAAC •
A Minority Educational Institution

Under DBT
Star College
Scheme

Our Sponsors



FOR ASPIRANTS OF CHEMISTRY AND ALLIED DISCIPLINES

About the Institution

Farook College, established in 1948, played a vital role in the renaissance of Kerala's Muslim community, offering modern and secular education to uplift those impacted by colonial oppression and social marginalization. Founded by the Rouzathul Uloom Association, it pioneered efforts to transform the region's educational landscape. Initially affiliated with Madras University, it later became part of Kerala and Calicut Universities. Today, Farook is the largest residential post-graduate institution in Kerala, offering 22 undergraduate and 16 post-graduate programs, including 11 research centers.

The college promotes holistic development, providing opportunities for academic, moral, and physical growth, fostering an inclusive environment for students of all backgrounds. Recognized with an A+ NAAC accreditation, Farook has won numerous awards, including the R. Sankar Award and the Moulana Abul Kalam Azad Literacy Award. It achieved autonomous status in 2015 and ranked among the top 100 colleges in India under the NIRF rankings, further distinguishing itself in e-learning with a "Triple A Grade" from NPTEL.

Postgraduate 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, as International and National events in alternate years, with an endowment from **Prof. T. Pradeep** and generous contributions by **Dr. Santosh R. Nandan**, prominent alumni of the college.



A Brief description of previous EFCSs

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 second EFCS and 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 EFCS and the 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.

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.

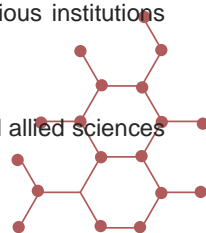
EFCS 2021: The fifth EFCS and the third international conference in this series, was held during 29 - 31 October, 2021. inaugurated by **Prof. Narayanasami Sathyamurthy**. The event brought together great minds like Prof. D. D. Sarma, Prof. Robin Ras, Prof. Tatsuya Tsukuda, Prof. A. Sampath, Prof. Asha 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.

EFCS 2023: The seventh EFCS and fourth International conference in this series held during 19 - 21 December, 2023, was inaugurated by **Prof. Francesco Stellacci**. Prof. Tomas Base, Prof. Rahul Raveendran Nair, Prof. Nonappa Nonappa, Prof. G. U. Kulkarni, Prof. G. Ranga Rao, Prof. R. Murugavel, Prof. Sebastian Peter, Prof. Sukhendu Mandal, Prof. G. Anilkumar, and others from various prestigious institutions 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

Prof. T. Pradeep



Indian Institute of Technology
(IIT), Madras

Prof. Tapas Kumar Maji

Jawaharlal Nehru Centre for
Advanced Scientific Research
(JNCASR), Bengaluru



Prof. Deepak Chopra

Indian Institute of Science
Education and Research
(IISER), Bhopal



Prof. Rajeev S Menon
University of Calicut



Dr. Aiswarya Bhaskar

CSIR-Central Electrochemical
Research Institute (CECRI),
Karaikudi



Dr. Ujjal K. Gautam

Indian Institute of Science
Education and Research(IISER),
Mohali



Dr. M. V. Nandakumar

Chemical Development,
Syngene International Limited
Biocon Park SEZ, Bangalore

Prof. Ayan Datta

Indian Association for the
Cultivation of science (IACS),
Kolkata



Dr. Surendran K. P.

CSIR - National Institute for
Interdisciplinary Science and
Technology (NIIST),
Thiruvananthapuram



Prof. Sandhya K.Y.

Indian Institute of Space
Science and Technology,
Thiruvananthapuram



Dr. Jatish Kumar

Indian Institute of Science
Education and Research(IISER),
Tirupati



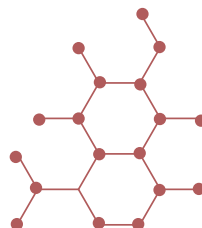
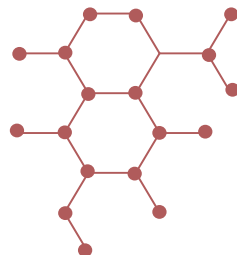
Dr. Mintu Porel

Indian Institute of Technology
(IIT), Palakkad



Dr. Reji Thomas

Farook College, Calicut



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President, Managing Committee, Farook College

Mr. K. Kunhalavi

Vice President, Managing Committee, Farook College

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Secretary, Managing Committee, Farook College

Dr. Ali Faizal

Joint Secretary, Managing Committee, Farook College

Mr. C. P. Kunhimohammed

Manager, Managing Committee, Farook College

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Treasurer, Managing Committee, Farook College

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Former Principal, Farook College

Adv. M. Mohamed

Former Manager, Farook College, and Alumnus

Dr. Santosh R. Nandan

Director, Ambernath Organics Pvt. Ltd., Mumbai. [Alumnus]

ADVISORY BOARD

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Member of Parliament

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Former Educational Minister. [Alumnus]

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Member of the Legislative Assembly

Mr. Shafi Parambil

Member of Parliament. [Alumnus]

Mr. Aboobacker Siddique

IAS. [Alumnus]

Mr. P. M. A. Hakeem

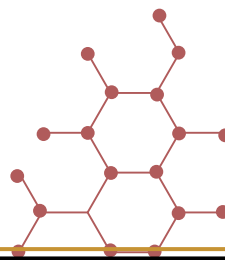
IAS. [Alumnus]

Dr. Ahamed Kutty

USA. [Alumnus]

Prof. P. A. Subha

Former Head, Department of Physics, Farook College



ORGANISING COMMITTEE

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

Vice Chairpersons:

Prof. V. M. Abdul Mujeeb, Former Director, School of Physical Sciences, University of Calicut

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Prof. P. E. M. Abdul Rasheed, Former Head, Department of Chemistry, Farook College

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Mr. Shanavas Yoosuf, Department of Chemistry, Farook College

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Dr. Sajith P. K., Department of Chemistry, Farook College

Dr. Muhammed Yoosuf, Department of Chemistry, Farook College

Dr. Keerthana M. S., Department of Chemistry, Farook College

Dr. Shyamkumar V. H., Department of Chemistry, Farook College

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Registration open till **November 24, 2024**

Abstract submission open till **November 21, 2024**

Kindly visit the website for registration: www.efcs.in



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