



# "GO ELECTRIC"



**Dr. Neena George**

Assistant Professor,  
Post Graduate & Research  
Department of Chemistry  
Maharaja's college, Ernakulam



**December 2, 2021,  
Thursday  
2.30 pm**



<https://meet.google.com/abw-ggfa-dup>

*Organized by*

The Post Graduate & Research Department of Chemistry  
Union Christian College, Aluva  
in Association with  
EMC, BEE, CED & Local Bodies of Kalamassery  
Constituency

## About EMC

Kerala Government has become the first State Government in India to establish an Energy Management Centre (EMC) at State level, aiming primarily to remould and instrumentalise energy sector as a catalyst in promoting a development process which is econo-ecologically sustainable. With a view to making energy sector achieve such a lead and catalytic role, EMC has evolved a novel and comprehensive energy management approach and institutional philosophy encompassing management of energy technology systems - both conventional and non-conventional, energy conservation in all sectors of the economy, energy resource management, rural and urban energy systems, energy education and training, energy generation and conservation - based employment and poverty alleviation programmes. Giving due consideration to this energy-economy interaction process/scenario, the Government of Kerala took leadership initiatives for establishing a multi-disciplinary Energy Management Centre under the Department of Power.

## About BEE

Bureau of Energy Efficiency (BEE) is a statutory body under the Ministry of Power, Government of India. It assists in developing policies and strategies with the primary objective of reducing the energy intensity of the Indian economy. The agency's function is to develop programs which will increase the conservation and efficient use of energy in India. BEE coordinates with designated consumers, designated agencies, and other organization to identify and utilize the existing resources and infrastructure, in performing the functions assigned to it under the EC Act. The mission of Bureau of Energy Efficiency is to institutionalise energy efficiency services, enable delivery mechanisms in the country and provide leadership to energy efficiency in all sectors of the country. The primary objective would be to reduce energy intensity in the economy.



## About CED

The Centre for Environment and Development (CED) is an autonomous research and development, training and consultancy organisation focussing in fields related to Environment and Development. Its main objectives are to carry out research on subjects related to environment and development and to serve as an institution of higher learning, to interact/collaborate with Universities, R&D institutions and Developmental agencies in India and abroad for research on environment and sustainable development, technology innovation and transfer of technology, to provide scientific and technological support to implement developmental projects of Local Self Government Institutions and other agencies, to carryout capacity building, training and outreach programs for different target groups, to provide consultancy services to government and multi-lateral agencies, to provide support on policy formulation to various tiers of governments and to develop databases and information systems on specific areas related to environment and development.

## About the college

Union Christian College , Aluva was established in 1921 as an ecumenical, Indian Christian initiative in the field of higher education in Kerala. The college was founded by four young visionaries – Shri. K.C. Chacko, Shri. A.M. Varki, Shri. C.P. Mathew and Shri. V.M. Ittyerah, who were alumni of Madras Christian College. Providentially inspired by their Christian faith and commitment, they envisaged the institution as a center based on the values of integrity and social commitment, promoting learning and culture. Union Christian College is managed by an association of members drawn from the Malankara Orthodox Syrian Church, the Jacobite Syrian Orthodox Church, the Malankara Mar Thoma Syrian Church and the Church of South India, and the Inter Church Fellowship (ICF) of the college. The college strives to produce intellectually competent, morally upright, and spiritually inspired citizens in the service of the nation. It is a unique center of higher education in Kerala with an ecumenical character and foundation. The college has always promoted international initiatives and cooperation..

# About the Department

The Department of Chemistry was initiated in 1926 from the very inception of the Science stream of the Intermediate Course in the College. Prof. T. R. Anantharaman was the founder Professor and Head of the Department (1926 – 1962). Owing to the untiring efforts of the eminent faculty, the research activities gradually increased, and the department attained formidable reputation in the national scene as one of the finest schools of chemistry for graduation. The department has distinguished itself as a centre for innovative and pioneering research in a wide range of areas in chemistry and chemistry interfacing with physical and biological sciences. With the advent of the new era, the department is marching forward in newer areas of research and teaching.

# About the Speaker

Dr. Neena George is an Assistant Professor in the Postgraduate and Research Department of Chemistry, Maharaja's College Ernakulam. She received her Ph.D. from the Dept. of Polymer Science and Rubber Technology, CUSAT for the thesis entitled "Segregated and Random Network formation of MWCNT and Nanosilica in NR and XNBR". Her research area includes carbon nanotube composites with special attention to natural rubber based nanocomposites. She has 11 years of teaching experience and more than 13 years of research experience along with papers published in peer reviewed national and international journals with good impact factors. She has contributed 4 chapters in books under Springer, Elsevier and Woodhead Publishing and two are in process. She has co-authored three books and won best paper and researcher awards in conferences. She is Convenor, Science Forum, Maharaja's College Ernakulam and Resource person of URJAKIRAN awareness campaigns from 2019.



## Programme Schedule

- 2.30pm** Prayer
- 2.32pm** Welcome Address  
Ms. Minu Joys (HOD, Department of Chemistry)
- 2.35pm** Inaugural Address  
Dr. Thara K. Simon (Principal)
- 2.45pm** Introduction of the Speaker  
Dr. Jenish Paul (Assistant Professor)
- 2.50pm** Webinar on "GO ELECTRIC"  
Dr. Neena George (Assistant Professor, Maharaja's College, Ernakulam)
- 3.50 pm** Vote of thanks  
Dr. Ajalesh B Nair (Assistant Professor)

## Organizing Committee

Ms. Minu Joys (HOD)  
Dr. Jenish Paul  
Ms. Smitha Roy  
Dr. Simi Pushpan K.  
Dr. Ajalesh B. Nair  
Dr. Nelson Joseph P.  
Dr. Neethumol Varghese  
Dr. Divya Susan Philips  
Dr. Sunil Sekhar A. C.

## Supporting Panchayath Officials

Sri. Suresh Muttathil (President,  
Kadungallor Grama Panchayath)

Smt. Saina Babu (President,  
Kunnukara Grama Panchayath)

Sri. P. M. Manaf (President, Alangad  
Grama Panchayath)

Smt. Srilatha Lalu (President,  
Karumallor Grama Panchayath)



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