

## ORGANIZING MEMBERS

### Shift - I

Dr. D. Suresh Kumar  
Dr. A. Jeya Rajendran  
Dr. A. John Maria Xavier  
Dr. A. Justin Adaikala Baskar  
Dr. S. Anuja Manikandan  
Dr. M. F. Valan  
Dr. M. Jaccob  
Dr. Sweetlin Rajula Rubavathi  
Dr. N. Arockia Samy  
Dr. S. John Mary  
Dr. A. Vijayakumar  
Dr. S. Daniel Doss  
Dr. P. Ajit Walter

### Shift - II

Prof. M. Vishwa Rohini  
Prof. P. Rajalakshmi  
Prof. Jeyamani Divya Christudoss  
Dr. Dorothy Pushparani  
Dr. D. Esther Lydia  
Prof. K. Leo Lawrence  
Dr. Ruby Thomas  
Dr. D. Santhanaraj  
Dr. P. Leema Sophie  
Dr. K. Kombaiah

## STUDENT VOLUNTEERS

Esther Nimshi. R  
Stephen Selvamani. P  
Radhika. R. Nair  
Carmel Jeeva Mary. B  
Mary Martina. M  
Arockia Vijay Prakash. S  
Arulraj. A  
Sargunam. R  
Nalina Roy  
Gishby Christy Koshy  
Sneha. M  
Bevin Roger. A

## HANDS ON TRAINING:

- 1- Atomic Absorption Spectrophotometer
- 2- UV-Spectrophotometer
- 3- Flame Photometer
- 4- HPLC (Only display)
- 5- pH Meter
- 6- Nephelometer / Turbidity Meter
- 7- Conductivity Meter
- 8- ION Analyser
- 9- Microprocessor Based Colorimeter



## RECENT TRENDS IN ELECTROCHEMISTRY FOR SOCIETAL APPLICATIONS

(RTESA - 2020)

January 31, 2020



Department of Chemistry  
Loyola College (Autonomous)  
College of Excellence  
Chennai- 600034

Funded by  
University Grants Commission

W <sup>74</sup> Tungsten	Eu <sup>63</sup> Europium	La <sup>57</sup> Lanthanum	C <sup>6</sup> Carbon	O <sup>8</sup> Oxygen	Mn <sup>25</sup> Manganese	Eu <sup>63</sup> Europium
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## LOYOLA COLLEGE

Loyola college, Chennai, established in 1925 is a Jesuit institution. UGC has elevated Loyola college to the most coveted status of “College of excellence” for the period of 2014 - 2019. In 2017, Loyola has secured second rank under NIRF, Ministry of Human Resource and Development, Government of India. Obtaining wisdom, knowledge and attaining enlightenment are the fundamental tenets of the education imparted in this college, which challenges the students to live up to the college motto: “LET YOUR LIGHT SHINE” by their learning and good example.

## DEPARTMENT OF CHEMISTRY

The Department of Chemistry was started in the year 1926. B.Sc. Chemistry course was started in 1938 and M.Sc. Chemistry in 1958. Ph. D. program was started in 1949. It is worthy to mention that Rev. Dr. L.M. Yeddanapalli, S.J., an eminent chemist joined the department in 1945 and during his tenure, the department was rejuvenated. The research activities carried out in the department include various fields, such as Catalysis, Materials Science, Supramolecular Chemistry, Coordination Chemistry, Theoretical Chemistry etc., Currently, 105 Ph.D scholars have completed doctoral degree and the department has published several hundreds of papers in National and International Journals.

## THEMES OF THE WORKSHOP

- Fundamentals of Electrochemistry & Electrochemical Technology
- Electrochemistry in Chemo/Biosensors Development
- Photo-Electro catalysis
- Electrochemistry for Implants/Corrosion Study
- Microbial Electrochemistry
- Water, Food and Soil analysis by Electro chemical techniques
- Hands-on-sessions on Electrochemical techniques

## SPEAKERS:

1. **Dr. T. Prem Kumar,**  
Former Scientist  
CSIR - Central Electrochemical Research Institute (CECRI)

**Topic:** Celebrating 2019 chemistry Noble Prize

2. **Dr. N. Sugumaran**  
International Battery Consultant,  
Advanced Battery Research Centre,  
Coimbatore

**Topic:** E - mobility in India

3. **Mr. Kevin Jude Netto**  
Regional Manager, ELICO Limited,  
Chennai

**Topic:** Concepts of Electrochemical Techniques

## TENTATIVE SCHEDULE

9.00 AM	Inauguration
9.30 -10.30 AM	Invited Lecture - I
10.30 -11.00 AM	Refreshments
11.00 -12.00 noon	Invited Lecture - II
12.00 -1.00 PM	Lunch
1.00 - 2.00 PM	Invited Lecture - III
2.00 - 4.00 PM	Hands on training to the participants
4.00 - 4.15 PM	Valedictory and distribution of participation certificates
4.15 - 4.30 PM	Refreshments



## PATRONS

Rev. Dr. Francis P. Xavier, S.J.  
Rector, Loyola College, Chennai  
Rev. Dr. D. Selvanayakam, S.J.  
Secretary, Loyola College, Chennai  
Rev. Dr. A. Thomas, S.J.  
Principal, Loyola College, Chennai

## CONVENER

Dr. M. George Johnson  
Head, Department of Chemistry  
Loyola College, Chennai.

## ORGANIZING SECRETARY

Dr. J. Judith Vijaya  
Assistant Professor  
Catalysis and Nanomaterials  
Research Laboratory Department of Chemistry,  
Loyola College, Chennai.  
Mobile: 9500026204

## JOINT SECRETARY

Dr. T. Adinaveen  
Assistant Professor  
Department of Chemistry,  
Loyola College, Chennai.  
Mobile: 8680071546

## REGISTRATION

Registration Fee is Rs. 200 (per participant)  
No spot registration is encouraged  
Last date for registration is 29/01/2020

## Registration link:

<http://erp.loyolacollege.edu/loyolaonline/conference/loginManager/youLogin.jsp>