# 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. Dorathy 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

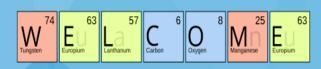
Bevin Roger. A

#### 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

### 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