



DEPARTMENT OF CHEMISTRY
PERIYAR UNIVERSITY
(Re-accredited NAAC A Grade – State University-NIRF Rank 68)
Salem-636 011, INDIA
&
ROYAL SOCIETY OF CHEMISTRY
(SOUTH INDIA)



Jointly Organize an International Workshop-cum-Conference on
Smart Materials and their Applications in Recent Technologies
(SMART 2020)

Date: 4-5 March 2020 * (Workshop: 4th March 2020 & Conference: 5th March 2020) * Venue: Periyar Auditorium, Periyar University, Salem

ORGANIZING COMMITTEE

CHIEF PATRON

Prof. Dr. P. KOLANDAIVEL
Vice-Chancellor
Periyar University, Salem, India

PATRON

Prof. Dr. K. THANGAVEL
Registrar (i/c)
Periyar University, Salem, India

CONFERENCE CHAIR

Prof. Dr. V. RAJ
Head, Department of Chemistry
Periyar University, Salem, India

COORDINATOR

Prof. Dr. P. VISWANATHAMURTHI
Department of Chemistry
Periyar University, Salem, India

CONVENER

Prof. Dr. D. GOPI
Department of Chemistry
Periyar University, Salem, India

JOINT CONVENER

Prof. Dr. S. BALASUBRAMANIAN
Hony. Secretary, RSC (South India)
University of Madras, India

ORGANIZING SECRETARIES

Dr. A. LALITHA, Dr. R. RAJAVEL
Dr. V. SUJATHA, Dr. K. SHANMUGA BHARATHI

Co- ORGANIZING SECRETARIES

Dr. C.S. MAHESWARI **Dr. S. RAMYA**
Dr. E. SHINJOY **Dr. S. SUTHA**

SPEAKERS

Prof. Dr. Christopher Charles Berndt
University Distinguished Professor
Surface Science and Interface Engineering
Director SEAM, Swinburne University of
Technology, Australia

Dr. Zoltan Kolozsvary
Managing Director
SC Plasmaterm SA, Romania

Prof. Dr. S. Natarajan
Solid State and Structural Chemistry Unit
Indian Institute of Science
Bangalore, India

Prof. Dr. G. Mugesh
Dept. of Inorganic and Physical Chemistry
Indian Institute of Science
Bangalore, India

Prof. Dr. T.S.N. Sankara Narayanan
School of Mechanical, Aerospace and Nuclear
Engineering (MANE)
Ulsan National Institute of Science and
Technology (UNIST), Ulsan, Republic of Korea

Prof. Dr. P. Manoravi
Materials Chemistry & Metal Fuel Cycle Group
Indira Gandhi Centre for Atomic Research
Kalpakkam, India

Prof. Dr. S. Balasubramanian
Hony. Secretary, RSC (South India)
University of Madras, India

Prof. D. Ravi Shankaran
Centre for Nanosciences and Nanotechnology
University of Madras, India

CONTACT DETAILS

Prof. Dr. D. Gopi
gopi@periyaruniversity.ac.in
WORKSHOP e-MAIL
smartworkshop2020@gmail.com
Contact No.: 6383186215, 7010266421
kindly visit to www.periyaruniversity.ac.in
Website link: <https://sites.google.com/view/smart-2020>

ABOUT THE PERIYAR UNIVERSITY

The Government of Tamil Nadu established Periyar University as per the provisions of the Periyar University Act, 1997 at Salem on 17th September 1997, was named after the Great Social Reformer E.V.Ramasamy affectionally called 'Thanthai Periyar'. The University covers the area comprising the districts of Salem, Namakkal, Dharmapuri and Krishnagiri. The University aims at developing knowledge in various fields to realize the maxim inscribed in the logo "Arival Vilayum Ulagu" (Wisdom Maketh the World). "Holistic development of the students" is the primary objective of the esteemed Periyar University. The University got the 12(B) and 2f status from the University Grants Commission, New Delhi and 'Re-accredited by NAAC with A grade in the year 2015. The University bagged 68th rank among Indian Universities by MHRD NIRF 2019. As Young University of the state, it strives hard offering a quality education by revamping research and extension activities, curriculum by enhancement, academic flexibility, strong publications in peer reviewed journals, world class laboratory facilities and anti-plagiarism software to endorse original research.

ABOUT THE DEPARTMENT

The Department of Chemistry was established in the year 2004 to promote the significance and applications of Chemical Sciences to the Society. The department is imparting scientific knowledge among the students at PG level under Choice Based Credit System, besides M.Phil. and Ph.D. programs on full-time and part-time basis. The department at present has 7 faculty members, 44 M.Sc. students, 10 M.Phil., & 29 Ph.D., scholars and 1 Post-Doctoral Fellow. Our faculty members are actively engaged in frontier research areas of chemistry. The department so far has produced 91 Ph.D and 204 M.Phil. The faculty members have published nearly 542 research papers (480-International; 62-National) in highly reputed international journals and 650 research papers in national (500)/international (150) conferences. The department has successfully completed 21 major research projects to the tune of about 4 crores. It is also supported by DST-FIST and UGC-SAP.

ABOUT THE EVENT

SMART 2020 will bring together leading academicians, researchers, research scholars, industrial experts under the common umbrella to provide them an opportunity to throw light on recent developments in various areas of materials science especially in the areas of basic sciences, engineering, technology and medicine. The International workshop on SMART 2020 focuses on advances in the recent developments in biomedical sciences and technologies. The outcome of this workshop will be to gain information and insights presented by all keynote speakers that outline recent technologies and research trends oriented towards efficient and optimum utilization of SMART materials for various applications. We hope and believe that our international workshop 'SMART 2020' will be a great learning opportunity, enriching experience and provide good exposure to all the participants.

THEME OF THE CONFERENCE

- Smart materials
- Surface engineering
- Polymer materials
- Carbon based materials
- Advance materials & Biomaterials
- Nanoscience & Nanotechnology
- Organic and Inorganic materials
- Composite materials
- Physics and Chemistry of materials
- Coating and surface modifications

CALL FOR ABSTRACTS

The abstracts are invited for poster presentation. The size of the poster should be within 120 cm (height) and 90 cm (width). The authors are requested to send the soft copy of the abstract (500 words) of their research work in Times new roman in 12 font size with double line spacing, as an e-mail attachment to smartworkshop2020@gmail.com on or before 25.02.2020. Note: Submission of full paper (selected abstracts only) in conference proceedings can be done after conference

REGISTRATION FEE

Scholars/Students : ₹. 1000 + 18% GST (Rs.180)
Faculties/Scientists : ₹. 1500 + 18% GST (Rs. 270)
Industrial participants : ₹. 2000 + 18% GST (Rs. 360)
Foreign participants : \$ 30 (USD) + 18% GST (\$ 5 USD)

KEY DATES

Last date of abstract submission : 25.02.2020
Last date for Registration : 29.02.2020

BANK DETAILS

Bank name : Canara Bank
Branch : Periyar University
IFSC code : CNRB0008450
Account holder's name: Dr. D. Gopi, Convener,
International Workshop-SMART 2020
Account No. : 8450101007265
Swift code : CNRBINBBSLM

SUPPORTED BY

