

INDIAN SOCIETY FOR ELECTROANALYTICAL CHEMISTRY (ISEAC)



(Reg. No. MAH/MUM/1173/2006 GBBSD)

C/o Fuel Chemistry Division, Bhabha Atomic Research Centre,
Trombay, MUMBAI - 400 085, INDIA

Tel : (022) 2559 3740 / 2559 0642 • Fax : (022) 2550 5151, 2551 9613

E-mail : info@iseac.org • Website : www.iseac.org

Report on Eleventh ISEAC International Discussion Meet on Electrochemistry and its Applications (11th ISEAC-DM-2014)

Eleventh ISEAC International Discussion Meet on Electrochemistry and its Applications (11th ISEAC-DM-2014) was held at Radisson Blu Hotel, Amritsar India during February 20-25, 2014. The Discussion Meet was organized under the aegis of the Indian Society for ElectroAnalytical Chemistry (ISEAC) having its secretariat at Fuel Chemistry Division, Bhabha Atomic Research Centre, Mumbai, India.

The Discussion Meet was attended by about 150 participants with 20 foreign nationals from 12 countries and delegates from different parts of India. The inauguration function was held in the evening of February 20, 2014 at the venue. Prof. S.K. Aggarwal, President, ISEAC and Chairman, Organising Committee welcomed all the delegates of 11th ISEAC-DM-2014 and briefed about the activities of ISEAC since its inception in October, 2003. Mr. Saurav K. Guin, Secretary, ISEAC and Convener, Organising Committee presented a summary about the various topics both fundamental and applied Electrochemistry, to be discussed during 11th ISEAC-DM-2014. Prof. (Mrs.) Ana Maria Oliveira Brett from Portugal, President of Bio-Electrochemical Society (BES) formally released the bound Volume of the Conference Proceedings (Edited by Suresh K. Aggarwal, Saurav K. Guin, Ruma Gupta and Arvind S. Ambolikar; 276 pages; ISBN 978-81-901950-6-5). Prof. S.K. Aggarwal formally released the Souvenir cum Bulletin of ISEAC entitled Highlights in ElectroAnalytical Techniques (HEAT), Volume 3, Issue I, 2014. Mr. Saurav K. Guin formally released the CD-ROM of the Proceedings and HEAT. Mr. Arvind S. Ambolikar, Secretary, Organising Committee proposed a vote of thanks. The inauguration function was followed by social mixer and dinner for all the delegates.

11th ISEAC-DM-2014 was spread over 16 technical sessions covering 32 invited talks, 6 short invited lectures, 67 poster presentations, 12 oral presentations by research scholars and 1 vendor's presentation. Invited speakers from overseas included Prof. H. Terryn (Belgium); Prof. K. Vytras and Prof. R. Metelka (Czech Republic); Dr. Frederic Maillard, Dr. J. Gaubicher and Dr. Valentina Ivanova (France); Prof. D. Fattakhova-Rohlfing (Germany); Prof. Hiroshi Nishihara (Japan); Dr. Keith Baronian (New Zeland); Prof. W. Kutner (Poland); Prof. Christopher M.A. Brett and Prof. (Ms.) A.M. Oliveira-Brett (Portugal); Prof. Sangaraju Shanmugam (Republic of Korea); Dr. Chee-SengToh, Prof. Harry Ernst Hoster and Dr. M.V. Reddy (Singapore); Prof. Lo Gorton (Sweden); Dr. Carsten Schwandt, Prof P. Vadgama and Prof. Ritu Katakya (UK). The speakers from India included Prof. Rakesh Kumar Mahajan (Amritsar); Prof. Rama Kant and Prof. Suddhasatwa Basu (Delhi); Prof. S. Balaji (Kanchipuram); Dr. R. Mukhopadhyay (Kolkata); Prof. A.Q. Contractor and Dr. S.K. Ghosh (Mumbai); Prof. R.N. Patel (Rewa); Prof. A.C. Hegde (Surathkal) and Prof. Annamalai Senthil Kumar (Vellore). The short invited lectures were delivered by Dr. Sudhanshu Sharma (Ahmedabad); Dr. Murali Rangarajan (Coimbatore); Dr. Rahul Pal (Delhi); Dr. Alka Sharma; Dr. A.K. Satpati and Mr. Saurav K. Guin (Mumbai, India).

Interactive discussions took place during the technical sessions on the applications of electrochemical atomic force microscope and other in-situ characterization techniques during electrochemical experiments. Other areas of discussion were advanced batteries, fuel cells, electrochemical capacitors, analytical environmental electrochemistry, bioelectrochemistry, biosensors, biofuel cells, corrosion science and engineering, role of

electrochemistry in health, medical and nuclear science, electrodeposition, electrochemical engineering, impedance spectroscopy, electrochemistry in ionic liquids and molten salts, physical, theoretical and computational electrochemistry etc. A Panel Discussion on “Emerging Trends in Electrochemistry” was also conducted during the Discussion Meet. A special session viz. “Unconference” was organized to discuss the technical aspects, suitability of the instruments, personal working experience, discussing about companies selling instruments etc. The Conference delegates also enjoyed themselves with many off-session discussions and social activities which included a musical Panjabi Bhangra dance and a tour to Golden Temple and Wagah Border. About 16 abstracts were shortlisted to be reviewed for publication in the Special Issue viz. “Electroanalysis in India” in *Electroanalysis Peer-Reviewed Journal*, with Dr. S.K. Aggarwal as Guest Editor.

During the valedictory function, some of the delegates gave their impressions about the event and expressed satisfaction over the high quality of technical discussions and overall arrangements. Prof. Brett represented the International Society of Electrochemistry (ISE) and highlighted the activities of ISE. Merit certificates and cash awards were given to the authors of three best posters and one best oral presentation evaluated by a Committee chaired by Prof. Kutner. Prof. Aggarwal thanked all the delegates from India and Overseas, as well as sponsors and advertisers, for their support during the deliberations of the Conference. In particular, he thanked International Society of Electrochemistry (ISE) and Bioelectrochemical Society (BES) for their financial support. He also thanked the members of the Advisory Committee, members of the Organizing Committee and all the delegates. Mr. Saurav K. Guin, Convener of the Discussion Meet proposed a vote of thanks to all the dignitaries on the dais and to all the participants for making the event successful. He also invited all the participants, who are not life member of ISEAC, to join ISEAC. Dr. Aggarwal informed all the delegates about the 12th ISEAC-2015 to be held at Cochin during January 12-16, 2015. He requested them to visit ISEAC the website (www.iseac.org) and also invited suggestions for technically sound speakers from within India and Overseas in future ISEAC Event.

