DAE – BRNS Biennial Symposium on
Emerging Trends in Separation Science and Technology –
Indian Institute of Technology Guwahati

The seventh SESTEC symposium on “Emerging Trends in Separation Science and Technology (SESTEC-2016)”, sponsored by the Board of Research in Nuclear Sciences (BRNS) and co-organized by the Association of Separation Scientists and Technologists (ASSET) and Department of Chemical Engineering, Indian Institute of Technology Guwahati (IITG), Guwahati will be held during May 17-20, 2016 at IITG, Guwahati, Assam, India. The objective of SESTEC-2016 is to provide a forum to scientists and engineers to discuss the recent advances in the area of separation science and technology relevant to the nuclear fuel cycle activities such as separation of actinides, lanthanides, fissile products and structural materials, isotope production and separation of actinides. The scopes of the symposium is as follows:

A. Synthesis of solvents, resins and membranes
B. Separations in nuclear fuel cycle
C. Green separations
D. Chromatography, electrochemical and pyrochemical separations
E. Treatment of industrial effluents
F. Isotope separations
G. Membrane science and technology
H. Radiochemical separations
I. Speciation studies

Deadlines
Abstract Submission : December 1, 2015
Intimation about the Abstract Acceptance : December 31, 2015
Request for Accommodation : March 30, 2016
Registration fee : March 30, 2016

Abstract Submission
Abstracts of the contributed papers should be submitted before December 1, 2015. The length of the abstract should be limited to one page (check website: www.barc.ernet.in or www.asset.org.in) including figures, tables and references. Abstract submission should be done through e-mail (sestec2016@barc@gmail.com). Abstracts will be peer reviewed prior to inclusion in the symposium proceedings. Limited number of papers will be selected for publication in “Chemical Product and Process Modeling” journal. The authors will be intimated in advance about the selection of their contributions for journal publication. Dr. P.K. Mohapatra, Head, Actinide chemistry section, Radio Chemistry Division, BARC will be the Chairman, Technical Committee, SESTEC-2016.

The scientific programme of the symposium will include Invited talks by eminent Indian and Overseas scientists / engineers. Contributed papers will be presented in Oral and Poster sessions. There will be a special session on “Simulation Studies on Separation Processes” which includes different types of computational and modeling studies for separations.

Registration Fee
Students: ‘1000/-; Delegates from academic/research institutes: ‘3000/-; Delegates from industries: ‘10,000/-; Foreign delegates: US$ 500; Persons accompanying delegates: ‘1000/- (Indian); US$ 500 (Overseas). Demand Draft may be drawn in favor of SESTEC-2016 and payable at MUMBAI. The registration fee should be sent to: Dr. A.C. Deb, Secretary, SESTEC-2016, Fuel chemistry Division, BARC, Trombay, Mumbai – 400 085, India. E-mail: acdeb@barc.gov.in, Tel. No.: 022-25596153, Fax: 91-22-25505151.

The Venue
The symposium will be held in the Conference Center at IIT Guwahati, Assam, India. Guwahati, the capital city of Assam state is one of the corridors of evergreen north-eastern states of India. It is situated on the banks of mighty river Brahmaputra and is well-connected with all major cities of India by Air as well as by Train. The weather of Guwahati is very pleasant during the month of May.

Local Organizing Committee
Dr. Tamal Banerjee, Department of Chemical Engineering, IIT Guwahati is the Chairman, Local Organizing Committee (LOC), SESTEC-2016. Request for accommodation and other local arrangements should be sent to: Chairman, LOC by March 30, 2016. E-mail: sestec2016@iitg.ernet.in, Tel. No.: 91-361-2582266 Fax: +91 361 2582291

Forms for Registration, Accommodation, and Financial Assistance (to limited student participants) can be downloaded from the website: www.barc.ernet.in or www.asset.org.in or www.iitg.ac.in/sestec2016

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