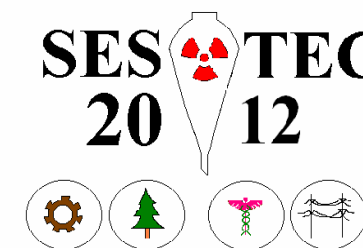




DAE – BRNS Biennial Symposium on Emerging Trends in Separation Science and Technology – SESTEC – 2012, February 27 - March 01, 2012 SVKM's Mithibai College, Vile Parle, Mumbai – 400 056, India



The fifth SESTEC symposium on “*Emerging Trends in Separation Science and Technology (SESTEC-2012)*”, sponsored by the Board of Research in Nuclear Sciences (BRNS) and organized by the Association of Separation Scientists and Technologists (ASSET) will be held during February 27 - March 01, 2012 at SVKM's Mithibai College, Vile Parle, Mumbai. The objective of this four-day Symposium is to provide a forum to scientists and engineers to discuss the recent advances in the area of separation of metals such as actinides, lanthanides, Zr, Co, Mo, Cs, Sr and platinum group metals which are of interest to the Department of Atomic Energy. In addition, speciation of actinides will be included as one of the scopes of the Symposium. SESTEC-2012 will provide a platform to scientists and engineers to discuss emerging trends in the area of separation science and technology which are likely to have an impact on the DAE's programme related to nuclear fuel cycle activities as well as production of isotopes. Scope of the symposium is as follows:

- | | |
|---|------------------------------------|
| 1. Synthesis of solvents, resins and membranes | 7. Isotope separations |
| 2. Development of separation equipments | 8. Membrane science and technology |
| 3. Separations in the nuclear fuel cycle | 9. Radiochemical separations |
| 4. Emerging separation technologies | 10. Water treatment & recycling |
| 5. Electrochemical and pyrochemical separations | 11. Bioremediation |
| 6. Treatment of industrial effluents | 12. Speciation |

Deadlines

- | | | |
|--|---|-------------------|
| Abstract Submission | : | November 01, 2011 |
| Intimation about the Abstract Acceptance | : | November 30, 2011 |
| Request for Accommodation | : | December 30, 2011 |
| Registration fee | : | December 30, 2011 |

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.

Abstract Submission

Abstracts of the contributed papers should be submitted before **November 01, 2011**. The length of the abstract should be limited to one page (check [website: www.barc.ernet.in](http://www.barc.ernet.in) or www.asset.org.in) including figures, tables and references. *Abstract submission should be done through e-mail (sestec2012@gmail.com). Abstracts will be peer reviewed (Technical Committee Chairman: Dr. A. Goswami, Head, Radiochemistry Division, BARC, Trombay, Mumbai – 400 085). prior to inclusion in the symposium proceedings. Limited number of papers will be selected for peer reviewed Journal Publication and the authors will be intimated in advance about this.*

Registration Fee

Students: Rs 1000/-; Delegates from academic/research institutes: Rs 2000/-; Delegates from industries: Rs 5000/-; Foreign delegates: US\$ 200. Demand Draft may be drawn in favor of 'SESTEC-2012' and payable at 'MUMBAI'. The registration fee should be sent to **Shri S. Jeyakumar, Treasurer, SESTEC-2012, Radioanalytical Chemistry Division, BARC, Trombay, Mumbai – 400 085 (E-mail: sjkumar@barc.gov.in).**

The Venue

The symposium will be held in Bhaidas Hall of SVKM's Mithibai College, Vile Parle, Mumbai. Mumbai is one of the largest metropolitan cities of India and is the capital of Maharashtra state. It is located on the Coast of the Arabian Sea.

Local Arrangements & Accommodation

Prof. K.V. Mangaonkar, Principal, Mithibai College, Mumbai is Chairman, Local Organising Committee (E-mail: kmangaonkar@indiatimes.com, Fax: 91-22-26130441, Tel. No.: 91-22-26178392). Request for accommodation and other local arrangements should be sent to **Prof. Z.R. Turel**, Mithibai College, Mumbai & Convener, Local Organizing Committee by December 30, 2011 (E-mail: sestec.12@gmail.com, Fax: 91-22-26130441, Tel. No.: 91-22-42339038).

Forms for Registration, Accommodation, and Financial Assistance (to deserving student participants) can be downloaded from the website: <http://www.barc.ernet.in> after September 30, 2011.

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