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

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 or www.asset.org.in) including figures, tables and references. Abstract submission should be done through e-mail (sesotec2012@gmail.com). Abstracts will be peer reviewed (Technical Committee Chairman: Dr. A. Goswami, Head, Radiochemistry Division, BARC, Trombay, Mumbai – 400 085). Abstracts will be selected for peer review 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'. 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: 91-22-26230383). 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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Deadlines
Abstract Submission: November 01, 2011
Intimation about the Abstract Acceptance: December 30, 2011
Request for Accommodation: December 30, 2011
Registration fee: December 30, 2011

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