

DEPARTMENT OF CHEMICAL ENGINEERING

SCHOOL OF CIVIL AND CHEMICAL ENGINEERING

VIT UNIVERSITY, VELLORE - 632014, INDIA

TECHNOSCAPE 16

#EXPLORE #TRANSFORM #OPTIMIZE 20th & 21st OCTOBER¹⁶



INTERNATIONAL CONFERENCE ON SEPARATION TECHNOLOGIES IN CHEMICAL, BIOCHEMICAL, PETROLEUM AND ENVIRONMENTAL ENGINEERING

FROM:

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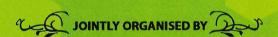
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TECHNOSCAPE¹

An International Conference on Separation Technologies in Chemical, Bio-Chemical, Petroleum and Environmental Engineering

TECHNOSCAPE 16

The Department of Chemical Engineering, School of Civil and Chemical Engineering, VIT University, Tamil Nadu, India invites you to The International Conference on Separation Technologies in Chemical, Biochemical, Petroleum and Environmental Engineering, the first of its kind in this region.

The Need

Almost every element or compound is naturally found in its impure state. Often these raw materials must be separated into their purified components before they can be put to productive use, making separation processes essential for the modern industrial economy. There are a number of challenges and opportunities in separation and purification. Separation is an essential step in pre, during and post processing of any processing industry, primarily for its requirement in tune with the end uses. In bioprocesses, separation of phytochemicals from biomass, inhibitors in fermentation are just a few examples of the many challenges faced. There is a need to develop solutions to overcome these challenges and for successful commercialization of the technologies.

The Outcome

This conference will be a great platform for the world scientists and industries in various engineering sectors to meet and share ideas and experiences on their recent work as well as on new perspectives resulting from recent innovations. During this conference, there will be various symposia and panels to discuss a variety of topics regarding present progress and innovations in scientific research and technology development in related sectors and activities.

The Laterals

There will be an excellent opportunity to experience traditional Indian culture through the Cultural Programmes and an opportunity to explore the Architectural marvels of ancient South India nearby.

Looking forward to seeing you.

Cordially,

Dr. Mahesh Ganesapillai, Convener, TECHNOSCAPE¹⁶

Dr. Aruna Singh, co-Convener, TECHNOSCAPE 16

TOPICS

CHEMICAL ENGINEERING

Material Science
Process Equipment Design
Modeling and Simulation
Process Control and Safety
Chemical Product Design
Process Economics
Reaction Engineering
Fluidization and Multiphase Flow
Process Thermodynamics
Membrane Separation Technology
Surface Chemistry
Computational Methods

BIO-CHEMICAL ENGINEERING

Bio-Separations Food technology Pharmaceutical Technology Nanotechnology

PETROLEUM ENGINEERING

Catalytic Cracking
Distillation
Enhanced Oil Recovery
Alternative Fuels
Polymer Chemistry
Carbon Sequestration

ENVIRONMENTAL ENGINEERING

Biomass Management
Environmental Chemistry
Water Chemistry
Human Waste Management
Waste Recovery & Recycling
Green Route for chemical Synthesis

IMPORTANT DATES

20th February, 2016 **Abstract Submission Begins** 25th April, 2016 **Abstract Submission Ends** 20th April, 2016 **Notification of Acceptance: Abstracts** 30th April, 2016 **Full Paper Submission Begins** 15th June, 2016 **Full Paper Submission Ends** 1st July, 2016 Early Bird Registration Begins 15th July, 2016 Completion of Peer-Review 20th July, 2016 Notification of Acceptance of Paper

REGISTRATION FEES

No	Category	Early Bird (Before 21st August, 2016)	Regular (Before 22nd September, 2016)
1	Young Researchers & Ph.D Scholars	₹ 2500	₹ 3000
2	Academic Delegates (Faculties)*	₹ 4000	₹ 4500
3	Academic Delegates (AIChE/IIChE members)#	₹ 3500	₹ 4000
4	Industrial Delegates	₹ 5000	₹ 6000
5	Industrial Delegates (AIChE/IIChE members)#	₹ 4500	₹ 5500
6	Undergraduate students (Oral/Poster)*	₹ 2000	₹ 2500
7	Foreign Delegates	€ 200	€ 250

^{*}Special Group Discount *(For minimum 3 registrations from same Institution) - 15% #Proof of active membership required

Note: All the above charges are inclusive of 14.5% Service Tax

Special Journal Issues

Technoscape¹⁶ has teamed up with 3 International peer-reviewed ELSEVIER Journals. Selected full-text papers will be published Free of Charge. Original research/review papers not published/under consideration are welcome. All submitted papers will have opportunities for consideration for the Special Journal Issues after an independent peer-review process as well as at the Conference presentation stage. A number of high-impact full text papers will also be connsidered for the special Journal issues. The final decision for paper selection will be made based on peer-review reports by Guest Editors & the Editor-in-Chief jointly.

Resource Efficient Technologies

{www.journals.elsevier.com/resource-efficient-technologies/call-for-papers-technoscape-2016}

- Journal of Applied Research and Technology {www.elsevier.es/en-revista-journal-of-applied-research-and-81}
- Sustainable Chemistry and Pharmacy {www.journals.elsevier.com/sustainable-chemistry-and-pharmacy}

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