



DEPARTMENT OF CHEMICAL ENGINEERING  
SCHOOL OF CIVIL AND CHEMICAL ENGINEERING  
VIT UNIVERSITY, VELLORE - 632014, INDIA

TECHNOSCAPE<sup>16</sup>

#EXPLORE #TRANSFORM #OPTIMIZE  
20<sup>th</sup> & 21<sup>st</sup> OCTOBER<sup>16</sup>



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

FROM:  
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CHEMICAL, BIOCHEMICAL, PETROLEUM  
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 JOINTLY ORGANISED BY 

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## TECHNOSCAPE<sup>16</sup>

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, TECHNOSCAPE<sup>16</sup>  
Dr. Aruna Singh, co-Convener, TECHNOSCAPE<sup>16</sup>

## 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

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

## 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/IChE members)#	₹ 3500	₹ 4000
4	Industrial Delegates	₹ 5000	₹ 6000
5	Industrial Delegates (AIChE/IChE 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

Technoscape<sup>16</sup> 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 considered 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](http://www.journals.elsevier.com/resource-efficient-technologies/call-for-papers-technoscape-2016)}

- ◆ **Journal of Applied Research and Technology**

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- ◆ **Sustainable Chemistry and Pharmacy**

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