

To
The Director,
V.N.I.T.,
Nagpur.

Sub: Submission of Deputation report (ISCRE-2014)

Respected Sir,

With reference to sanction letter number Chem/E/1492/1522 Dt. 21.05.2014, I participated in 23rd International Symposium on Chemical Reaction Engineering (ISCRE 2014) & 7th Asia-Pacific Chemical Reaction Engineering Symposium (APCRE-7) to be held at Bangkok, Thailand, during September 7 – 10, 2014. The conference had separate symposium on my research topic 'Separation processes in Ionic Liquids' and it was very fruitful to my present research. I hereby submit my visit report on ISCRE-2014.

Symposium was organized by Prof. Piyasan Prasertdam, Chulalongkorn University at Centara Grand, Bangkok Convention Center.

1) ISCRE-2014 registration started at 0800 hrs. on 7th September, 2014 (Sunday).

From 7th September onward, symposium conducted plenary keynote sessions followed by parallel invited/ regular sessions. Invited lectures were delivered by various experts in the Chemical Reaction Engineering and separation process community such as Prof. Freek Kapteijn, Delft University of Technology, The Netherlands; Mr. Bowon Vongsinudom President & CEO, PTT Global Chemical Public Company Limited, Thailand; Prof. Jinghai Li The Chinese Academy of Sciences (CAS), China; Dr. Jim Rekoske Honeywell International Inc., USA; Prof. Jack Legrand University of Nantes, France; Prof. Jackie Y. Ying Institute of Bioengineering and Nanotechnology (IBN), Singapore; Prof. Maria Flytzani-Stephanopoulos Tufts University, USA and many more. There were overall 100 invited /regular oral presentations distributed over 4 days during the symposium. The sessions covered all areas of Chemical Reaction Engineering and separation process including challenges involved in development for industrial applications etc. Poster sessions were conducted on 9-10th September afternoon 1600 hrs onwards. About 40 posters were displayed in the area of Chemical Reaction Engineering and separation process. My oral presentation was scheduled on 8th September under the Green Chemistry session-3 from 1740 to 1800 hrs.

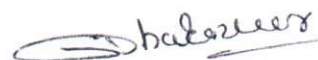
2) My presentation title was 'Synthesis, Characterization, and application of Novel 1-Butyl-3-methyl-imidazolium thiocyanate for extractive desulfurization of liquid fuel'. There was in-depth discussion with the academia and researchers working in the field of ionic liquid during my presentation. Discussion with eminent Prof. Prof. Jinghai Li, Chinese Academy of Sciences (CAS), China was very fruitful and appreciable. The focus was mainly to overcome major challenges involved in synthesis of ionic liquids and their application as extractant for sulfur removal. The rich experience gained from this symposium will be helpful for me in discussing the various mechanisms effectively in forthcoming publications and also to the followers in this field to use as a pathway.

3) Symposium was concluded on 10th September 2014 at 1400 hrs with a positive note.

The report is submitted for your kind information and necessary action please.

Thanking you.

Yours Sincerely,

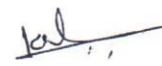


Swapnil A. Dharaskar
(Ph.D. Scholar)

Through:



(Supervisor)



(HoD/CHEM)
Head

Deptt. of Chemical Engineering
V.N.I.T., Nagpur-440 010



Dean (R&C)