Organised by
DEPARTMENT OF CHEMICAL ENGINEERING
A.C.TECH, ANNA UNIVERSITY
CHENNAI - 600 025

In Association with
DEPARTMENT OF CHEMICAL ENGINEERING
CSIR - CENTRAL LEATHER RESEARCH INSTITUTE (CLRI)
ADYAR, CHENNAI - 600 020

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  Department of Chemical Engineering
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Anna University, Chennai is a premier technological University in India. It is committed to provide excellent and effective Engineering education to enhance the technical and analytical skills as well as the moral standards of the student community. The University has been pioneering in Engineering education and Technology development to remain abreast in many frontier areas. Besides promoting research and disseminating knowledge gained there from, it encourages cooperation between the academic and industrial communities. The University has established collaborative research programmes with world class institutions from various countries.

**Department of Chemical Engineering**

The Department of Chemical Engineering was started in the year 1944 in A. C. College of Technology under the University of Madras. Later in September 1978, the Department was transferred into the newly established Anna University. The Department of Chemical Engineering offers 2 UG programmes (Chemical Engineering and Petroleum Refineries and Petrochemicals) and 3 PG programmes (Chemical Engineering, Petroleum Refineries and Petrochemicals and Environment Science and Technology). Research activities in the Department were initiated way back in the year 1947 in the conventional areas of Chemical Engineering like absorption, liquid extraction, and multi phase flows. Active interaction with the industry has been maintained over the years and the department has been collaborating with several Industries through consultancy services towards technology development activities.

**CSIR - Central Leather Research Institute :**

The World’s largest Leather Research Institute was founded on 24 April, 1948. CSIR-CLRI made an initiative with foresight to link technology system with both academy and industry. CSIR-CLRI, today is a central hub in Indian leather sector with direct roles in education, research, training, testing, designing, forecasting, planning, social empowerment and leading in science and technology relating to leather.

**Chemical Engineering Division at CSIR-CLRI:**

The Chemical Engineering Division (CED) at CSIR-CLRI has been designed to deal with the physical and chemical phenomena associated with leather making processes, development of process technology for leather chemical and other allied chemicals, design engineering of tanneries and chemical industries, industrial parks/complexes CED so far has carried out about 100 projects.

A professional cell called Cell for Industrial Safety and Risk Analysis (CISRA) functions in this area for identifying chemical hazards and quantifying risks in process industries. The above cell came into existence in the year 1985 at the CSIR-Central Leather Research Institute, Chennai as an advisory body on industrial safety. CISRA so far Carried out about 200 consultation assignments.

**Conference Theme**

The aim of RTCE ‘14 is to provide an ideal platform to meet and collaborate with experts on fundamentals, applications and products in the field of Chemical Engineering.

**Major Themes**

Academicians, Researchers and Industrialists are invited to submit papers /posters on the following areas and related topics.

- Biochemical Engineering
- Biomedical Engineering
- Biotechnology
- Ceramics
- Chemical Process Modeling
- Chemical Process Safety
- Chemical Technology
- Chemical Reaction Engineering
- Electrochemistry
- Environmental Engineering
- Fluid Dynamics
- Food Technology
- Materials Science
- Nanotechnology
- Petroleum Engineering
- Plastics Engineering
- Polymer Engineering
- Process Control
- Process Design
- Pulp and Paper
- Separation Processes
- Thermodynamics
- Transport Phenomena
- Heat Transfer
- Mass Transfer
- Remote Sensing and GIS

**Important Dates**

- Manuscript Submission: January 30, 2014
- Acceptance of Manuscript: February 05, 2014
- Last date for Registration: February 14, 2014

**Registration Details**

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**Submission Details**

Authors are requested to submit soft copy of the full Paper in word document (maximum 5 pages) as per the conference manuscript format (refer website) on or before January 30, 2014 to rtce2014@gmail.com. Selection will be intimated through email. Filled in registration forms and DD are to be sent to the following mailing address.

The Organizing Secretaries RTCE 2014
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Anna University, Chennai - 600 025
Ph : 044-22359124/45
Email : rtce2014@gmail.com
CONFERENCE MANUSCRIPT FORMAT

Title of the Paper at the center (Use Arial 14 Block, Sentence Case)

Full Name of First Author (Including first name) ¹, Full Name of second Author (Including first name) ², and Others³ (Use Arial 14)

¹ Full Address of First Author, Including State
² Full Address of Second Author, Including State
³ Full Address of Third Author, Including State (Use Arial 11)

¹ email, ² email, ³ email (Use Arial 11)

Keywords: List the Keywords covered in your topic. These keywords will also be used by the publisher to produce a keyword index. (Use Arial 11)

For the rest of the paper, please use Times Roman (Times New Roman) 12

Abstract. This document explains and demonstrates how to prepare your manuscript. The best is to read these instructions and follow the outline of this text. The text area for your manuscript must be 17 cm wide and 25 cm high (6.7 and 9.8 inches, resp.). Do not place any text outside this area. Use good quality, white paper of approximately 21 x 29 cm or 8 x 11 inches (please do not change the document setting from A4 to letter). Your manuscript will be reduced by approximately 20% by the publisher. Please keep this in mind when designing your figures and tables etc.

Introduction

All manuscripts must be in English. Please keep a copy of your manuscript with you (just in case anything gets lost in the mail). When receiving the manuscript, we assume that the corresponding authors grant us the copyright to use the manuscript in conference proceedings. Should authors use tables or figures from other Publications, they must ask the corresponding publishers to grant them the right to publish this material in their paper.

Use italic for emphasizing a word or phrase. Do not use boldface typing or capital letters except for section headings (note: remarks on section headings, below). Use a laser printer, not a matrix dot printer.

Organization of the Text

Section Headings. The section headings are in boldface and sentence case letters. Second level headings are typed as part of the succeeding paragraph (like the subsection heading of this paragraph).

Page Numbers. Do not print page numbers, because the proceedings editor will provide the page number in continuation with other manuscripts

Tables. Tables (refer with: Table 1, Table 2, ...) should be presented as part of the text, but in such a way as to avoid confusion with the text. A descriptive title should be placed above each table. The caption should be self-contained and placed below or beside the table. Units in tables should be given in square brackets [kg/mole]. If square brackets are not available, use standard brackets (kg/mole).
Special Signs. for example, α γ µ Ω ( ) ≥ ± ● Γ {11 2 0} should always be written in with the fonts Times New Roman or Arial.

Figures. Figures (refer with: Fig. 1, Fig. 2, ...) also should be presented as part of the text, leaving enough space so that the caption will not be confused with the text. The caption should be self-contained and placed below or beside the figure. Generally, only original drawings or photographic reproductions are acceptable. Only very good photocopies are acceptable. Utmost care must be taken to insert the figures in correct alignment with the text. Half-tone pictures should be in the form of glossy prints. Color figures are welcome but generally, these figures will be reduced to black and white for the print version.

Equations. Equations (refer with: Eq. 1, Eq. 2, ...) should be indented 5 mm (0.2”). There should be one line of space above the equation and one line of space below it before the text continues. The equations have to be numbered sequentially, and the number put in parentheses at the right-hand edge of the text. Equations should be punctuated as if they were an ordinary part of the text. Punctuation appears after the equation but before the equation number, e.g.

\[ c^2 = a^2 + b^2. \]  

(1)

Literature References

References are cited in the text just by square brackets [1]. Two or more references at a time may be put in one set of brackets [3,4]. The references are to be numbered in the order in which they are cited in the text and are to be listed at the end of the contribution under a heading References, see our example below.

References


[7] Information on http://www.chemical.labs.univ.in