

PROGRAMME SCHEDULE - DAY 2 (8th Sep. 2023)

- 9.30 - 10.00 Invited Talk - Necessity in Digitization for Exploration, Exploitation, Enrichment and Extraction of rare earths' from Placer Minerals.
Dr. RAGHUPATRUNI BHIMA RAO, FIE, Council Member, CHDB, IE(I)
- 10.00 - 10.20 Key Note - Membrane Distillation as a Potential Technology for Water Recovery
Dr. NOEL JACOB KALEKKAL, Young Engineer Awardee Asst. Prof., Dept. of Chemical Engg., NIT Calicut, Kerala
- 10.20 - 10.40 Invited Talk - Process Safety Management in process Industries
Er. RAMESH RAJASEKARAN, Monit Pro Solutions Pvt. Ltd., Trichy
- 10.40 - 11.00 Key Note - Application of Computational Approach in the Area of Membrane Based Separation
Dr. HIMANSHU PRADEEP KOHLI, Young Engineer Awardee HoD, R.N.G. Patel Institute of Technology, Bardoli, Gujarat
- 11.00 - 11.10 Tea Break
- 11.10 - 11.45 Panel Discussion
- 11.45 - 12.15 Invited Talk - Digitisation for non-contact inspection in Material Processing
Dr. B. SHANMUGARAJAN, SDGM, WRI, BHEL, Trichy
- 12.15 - 13.15 **Technical Session - II**
- 13.15 - 14.00 LUNCH
- 14.00 - 14.30 Invited Talk - Digitalisation in Paper Industry - TNPL leads the way
Er. R. RAJALINGAM, GM & TNPL Team, Karur
- 14.30 - 15.30 **Technical Session - III**

Valedictory Session

- 15.30 Welcome Address - **Dr. A. Arunagiri**, Assoc. Prof. NIT, Trichy
- Summary Report - **Dr. K. Muthukumar**, Prof. NIT, Trichy
- Chief Guest - **Er. D. Banu Prasad**, Chief GM, Board Production TNPL, Unit II, Trichy
- Guest of Honour - **Dr. G.A. Pathanjali**, FIE, MD High Energy Batteries, Mathur, Trichy
- Vote of Thanks - **Dr. Kevin Ark Kumar**, MIE Honorary Secretary, IE(I), TLC

National Anthem



The Institution of Engineers (India)

Tiruchirappalli Local Centre
Under the aegis of
Chemical Engineering Division Board, IE(I)



in association with

Department of Chemical Engineering
National Institute of Technology, Tiruchirappalli

Cordially invite you for the inauguration of

38th National Convention of Chemical Engineers,
Golden Jubilee Celebrations of IE(I) TLC

&

National Conference on

**DIGITIZATION OF
CHEMICAL PROCESS INDUSTRY**

7th SEPTEMBER 2023 at 9.30 AM

Venue: A2 HALL, ADMIN BLOCK, NIT TIRUCHY

1973 - 2023

Chief Guest

Er. S M RAMANATHAN

General Manager In-Charge
BHEL, Tiruchirappalli

Guest of Honour

Mr. M. PRADEEP KUMAR, IAS

District Collector, Tiruchirappalli

Dr. G. AGHILA

Director, NIT Tiruchirappalli

Presided by

Er. SHIVANAND ROY FIE

President, IE (I)

Inaugural Session

7th SEPTEMBER 2023 at 9.30 AM

08.30 - 09.30	Registration
09.30	Invocation
09.35	Lighting of Kuthuvilakku
09.40	Welcome Address Er. B. BALASUBRAMANIAN , FIE Chairman, IE(I), TLC
09.45	Presidential Address Er. SHIVANAND ROY , FIE President, IE(I)
09.50	About the Convention Dr. M. ARIVAZHAGAN Professor & HoD Dept. of Chemical Engineering, NIT Tiruchirappalli
09.55	Special Address Prof. (Dr) Mrs. SHILPA TRIPATHI , FIE Chairperson, CHDB, IE(I)
10.00	Address by Guest of Honour Dr. G. AGHILA , Director, NIT Tiruchirappalli
10.10	Mr. M. PRADEEP KUMAR , IAS District Collector, Tiruchirappalli
10.20	Inaugural Address Er. S M RAMANATHAN General Manager In-Charge BHEL, Tiruchirappalli
10.30 - 10.45	Presentation of Eminent Engineers Award Shri. ASHOK PANJWANI Executive Director, UPL Ltd. Ankleshwar Shri K. S. KASI VISWANATHAN , MD Seshasayee Paper & Boards Ltd. Erode Dr. RAGHUNATHAN RENGASWAMY Professor of Chemical Engineering & Dean (Global Engagement), IIT Madras, Chennai
10.45 – 11.00	Presentation of Young Engineers Award Dr. HIMANSHU PRADEEP KOHLI HoD, R.N.G. Patel Institute of Technology, Bardoli, Gujarat

Dr. NOEL JACOB KALEEKKAL

Assistant Professor, Dept. of Chemical Engg., NIT
Calicut, Kerala

Dr. SIKSHA SWAROOPA KAR

Principal Scientist, Central Road Research Institute, New Delhi
Felicitation

Dr. N. KUMARESAN, FIE, Dean (FW),
NIT Trichy, Past Chairman, IE(I), TLC

Dr. T. M. GUNARAJA, FIE, Past President, IE(I)

Dr. S. DHARMALINGAM, FIE, Council Member, IE(I)

Presentation of Mementos

Vote of Thanks

Dr. S. KARUPPASAMY, FIE, Organizing Secretary

TEA BREAK

PROGRAMME SCHEDULE - DAY 1 (7th Sep. 2023)

11.40 - 12.10	Sir Acharya Prafulla Chandra Ray Memorial Lecture Dr. SUMAN ROY CHOUDHURY Naval Materials Research Laboratory, Mumbai
12.10 - 12.55	Plenary Lecture - Artificial Intelligence (AI) for Process Systems Engineering (PSE) Dr. RAGHUNATHAN RENGASWAMY Professor of Chemical Engg. & Dean (Global Engagement), IIT Madras, Chennai
12.55 - 13.15	Keynote - Innovative and Indigenous Pothole Repair Solutions - concept to Reality Dr. SIKSHA SWAROOPA KAR , Young Engineer Awardee Principal Scientist, CRRI/CSIR, New Delhi
13.15 - 14.00	Lunch
14.00 - 14.30	Invited Talk - Digitization in Pulp and Paper Industry Er. D. RADHAKRISHNAN , Chief Manager, Pulp Operation, Seshashayee Paper & Boards Ltd., Erode
14.30 - 15.00	Invited Talk - Process Improvement in Cement Plant Er. R. RAJAMOHAN , Senior GM Er. M. KALAISELVAN , DGM, Production Head Er. P. BALAJI , Sr. Manager, Production Dalmia Cements Ltd.
15.00 - 15.30	Keynote - Digitization of the Chemical Process Industry Dr. N. SIVAKUMARAN , Prof. NIT, Tiruchy
15.30 - 15.40	Tea Break
15.40 - 17.00	Technical Session - I