

**The Institution of Engineers (India)**

*“A Century of Service to the Nation”*



**All India Seminar on  
“Enhancing Resilience: Flood Management and  
Mitigation Strategies in India”**

**23 & 24 FEBRUARY 2024**

*Organised by*

**The Institution of Engineers (India)**

**TAMILNADU STATE CENTRE**

**Centenary Year (1922 – 2022)**

*Under the aegis of*

**Civil Engineering Division Board, IE(I)**

*in association with*

**SONA INSTITUTIONS, SALEM**

**(Thiagarajar Polytechnic College and  
Sona College of Technology)**

**Venue**

**TPT Alumni Auditorium  
Thiagarajar Polytechnic College  
(Sona Institutions)**

**TPT Main Road (Junction)  
Salem – 636005 (TN)**

**[www.tpt.edu.in](http://www.tpt.edu.in)**



## **ABOUT THE INSTITUTION OF ENGINEERS (INDIA)**

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform to share professional interests. IEI has corporate membership strength of over 2 lakh. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over a century. In this period of time it has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 125 Centres located across the country. The Institution also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IE(I) has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Govt. of India and besides conducting its own research, provides Grant-in-Aid to UG/PG/ PhD students of Engineering Institutes & Universities.

IE(I) holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The Institution also awards the Professional Engineers (PE) Certification.

For details, please visit [www.ieindia.org](http://www.ieindia.org)

## **ABOUT TAMILNADU STATE CENTRE**

The Tamilnadu State Centre was established originally as the Southern India Centre at Chennai on 22nd December 1922. The Southern Region covered the erstwhile Madras, Andhra, Mysore, Hyderabad and Travancore – Cochin. As more centres were opened in the Southern Region, it was renamed as Madras Centre and later became the Tamilnadu State Centre. Tamilnadu State Centre has a special significance in the formation of the Institution; for the IEI was registered in 1920 in the then Madras Province at Chennai. The registered office was subsequently moved to Calcutta the Head Quarters of IEI. The Chief Guest for the Inaugural Function of the Annual General Session of IEI Madras Centre in 1959 was Thiru K Kamaraj, Chief Minister of Tamilnadu. The Tamilnadu State Centre is the most active centre in the country and has been serving the society in general and the engineering community in particular with the said objectives and plays a significant role in dissemination and proliferation of knowledge amongst its members. With a modest membership to start with, the centre has brought into its fold a large section of fraternity with a membership strength of more than 30000 Corporate Members and more than 80000 Non – Corporate Members widening its horizon of technical activities. The centre has established sixteen Local Centres at Neyveli, Madurai, Coimbatore, Tiruchirappalli, Salem, Kalpakkam, Ranipet, Tuticorin, Hosur, Kanyakumari, Tirunelveli, Thiruvallur, Kanchepuram, Thanjavur, Erode and Kattankulathur to serve more professional groups. The major activities of the Division include: Annual National Conventions, Annual & Semi-Annual Paper Meetings, Publication of Journals, Workshops / Seminars and Symposia and Prizes and Awards.

## **ABOUT SONA INSTITUTIONS, SALEM**

Sona Institutions, Salem, Tamil Nadu, India has a rich history dating back to pre-Independence India. Sona Institutions comprises Thiagarajar Polytechnic College (1958), Sona College of Technology (1997), Sona College of Arts and Science (2017), Sona Medical College of Naturopathy & Yoga (2020) and Sona Valliappa School (2020). Throughout its journey, Sona Institutions have consistently delivered excellent services in the education sector, contributing significantly to the development of individuals and the nation as a whole.

Thiagarajar Polytechnic College (TPT) is a leader in Technical Institution in India, established in 1958 and presently offering 12 diploma programmes in various disciplines of engineering and technology. TPT has a rich history of producing over 65,000 technocrats, many of whom hold esteemed positions in renowned organizations worldwide. The institution has been conferred with many noteworthy laurels and awards from various international and national forums. Notable achievements include securing a position in the NIRF Rankings 2023 within the 151-300 band, receiving the National Level Engineering Education Excellence Award in 2022 and 2023, and obtaining NBA Accreditation for five diploma programs consecutively for the third term. Furthermore, TPT students showcase their exceptional skills by achieving success in various competitions such as Makeathon, Hackathon and forums organized by IE(I) and ISTE. For more information, please visit: [www.tpt.edu.in](http://www.tpt.edu.in)

Sona College of Technology (SCT), one of the top ranking engineering colleges in India has achieved global identity through its involvement in research in recent technologies and successful completion of projects and products. SCT offers Bachelor of Engineering, Master of Engineering and Doctoral Degree (Ph.D) in all major disciplines. The “AICTE – CII Awards for Best Industry – Linked Technical Institute in India” for Six times and an acclaimed ‘A’ grade by ‘NAAC’ stand testimony to the commitment of the college to impart quality education. Sona is a proud recipient of “Edupreneurs Award” from MHRD, New Delhi, for emerging global destination for education. It is yet another milestone in the success story of the institute. For more information, please visit: [www.sonatech.ac.in](http://www.sonatech.ac.in)

## ABOUT THE SEMINAR

Floods in India have been a recurrent challenge, impacting millions and causing substantial economic and social disruptions. The proposed seminar aims to research into the multifaceted aspects of flood management and mitigation strategies in India, focusing on innovative approaches, policy frameworks, technological interventions, and community engagement.

The objective of the seminar seeks to facilitate an in-depth exploration and discussion among experts, policymakers, researchers, and stakeholders to:

- Evaluate the current status of flood management practices in India.
- Analyze the effectiveness of existing flood mitigation strategies.
- Highlight innovative technological solutions and best practices in flood forecasting, early warning systems, and infrastructure development.
- Discuss policy implications and the role of governance in enhancing flood resilience.
- Showcase successful case studies and community-based initiatives in flood-prone areas.
- Identify gaps and opportunities for further research, funding, and international collaboration.

The seminar endeavors to create a comprehensive dialogue that will contribute to the advancement of flood management strategies, policy formulation, and the development of resilient communities in India, aligning with national and global efforts toward disaster risk reduction and sustainable development.

The seminar will include keynote addresses, panel discussions, and presentations of research papers, case studies, and interactive workshops. It will provide a platform for knowledge exchange, networking, and fostering collaborations among stakeholders.

The seminar targets the engineers serving in the industries of eminence, scientists from research and development laboratories, faculty members and research associates from educational institutions, policymakers, government officials, NGOs, practitioners, and international experts involved in disaster management, hydrology, environmental studies, urban planning, and related fields. etc., to get benefits by attending this seminar.

## SUB-THEMES FOR PAPER PRESENTATION

- 1) Over view of Flood Management in India.
- 2) Technological Interventions for Flood Forecasting and Early Warning Systems.
- 3) Infrastructure Development and Engineering Solutions.
- 4) Policy Framework and Governance in Flood Management.
- 5) Community Engagement and Resilience Building.
- 6) Climate Change Adaptation and Future Challenges.
- 7) International Collaboration and Best Practices

## CALL FOR PAPERS

Prospective authors are invited to submit their manuscripts reporting original research and recent developments in the themes related to the conference to reach the administrative office not later than **15<sup>th</sup> February 2024**. Kindly submit the soft copy of the presentation material in word format to our office **email id: [ieitamilnadu@gmail.com](mailto:ieitamilnadu@gmail.com)**

### MEMBER / DELEGATE REGISTRATION FEE

IEI Members Delegate Fee	INR 590/-
Non IEI Members Delegate Fee	INR 885/-
Research Scholars Fee	INR 885/-
Students Fee	INR 250/-

Including GST 18 %

### SPONSORS

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## DATES TO REMEMBER :

➤ Last date for Submission of Abstracts-15 <sup>th</sup> February 2024
➤ Acceptance of Abstracts -17 <sup>th</sup> February 2024
➤ Last date of Submission of Papers -19 <sup>th</sup> February 2024
➤ Seminar Dates -23 <sup>rd</sup> -24 <sup>th</sup> February 2024

### TRAVEL & ACCOMMODATION

All delegates are advised to make their own arrangements for travel, boarding & lodging.

## REGISTRATION & PAYMENTS

All payments are to be made through crossed Demand Draft / Cheque / NEFT / Online Net Banking Transfer in favour of :  
"The Institution of Engineers (India), Tamilnadu State Centre".

Incase of NEFT / Online Net Banking transfer, please mention the following:

Beneficiary Name : The Institution of Engineers (India), Tamilnadu State Centre

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Account No. : 30978808105 IFSC Code : SBIN0006489

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& All Executive Committee Members of TNSC & Salem Local Centre of IE(I).

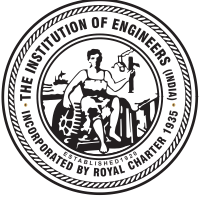
**CONTACT : Convener - Mobile : 9487255045 / 9487133958**

**The Institution of Engineers (India), Tamilnadu State Centre**

**No 19, Swami Sivananda Salai, Chepauk, Chennai – 5**

**Ph. 044-2536 0614 / 9962950333 Email id : ieitamilnadu@gmail.com, tns@ieindia.org**

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“Enhancing Resilience: Flood Management and  
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**The Institution of Engineers (India)**

Tamil Nadu State Centre

**23 & 24 FEBRUARY 2024**

**REGISTRATION FORM / ADVERTISEMENT BOOKING FORM**

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