

Information Brochure

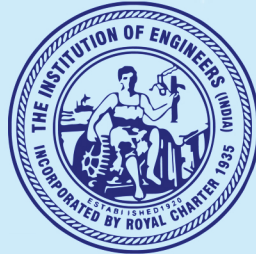
The Institution of Engineers (India)

"A Century of Service to the Nation"

ADVANCED WEB DEVELOPMENT : EMERGING TECHNOLOGIES AND BEST PRACTICES

(12 August 2025)

Organized by



The Institution of Engineers (India)
PUDUCHERRY STATE CENTRE, PUDUCHERRY

Under the aegis of
Computer Engineering Division Board, IEI

Sri Manakula Vinayagar Engineering College, Puducherry



(An Autonomous Institution)

Phone: (0413)- 2641151/2640823 / 2642000, Website: <https://smvec.ac.in/>



Venue: **Auditorium, SMVEC ,Puducherry**

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 for sharing professional interest. IEI has membership strength of above 2.6 Lakhs. Established in 1920, with its headquarter at Kolkata, IEI has served the engineering fraternity close to a century. During this period of time, IEI 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 which has been 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. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe. Being recognized as a Scientific and Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, post graduate students and PhD Research Scholars of Engineering Institutions and Universities. IEI has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Government of India and besides conducting its' own research, provides Grant-in-Aid to UG/PG/PhD students of Engineering institutes and Universities. IEI 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. IEI in collaboration with Springer regularly publishes peer-reviewed international journal in five series, namely, Series A, Series B, Series C, Series D and Series E covering fifteen engineering disciplines.

About IEI-Puducherry State Centre

The Institution of Engineers (India), Puducherry State Centre was established on 31st July 2010 it is Royal Charter and functioning in the campus of Public works Department, Puducherry, IE(I), PSC Member are spread over in entire union territory of Puducherry viz: Puducherry, Karaikal, Yanam and Mahe with a total strength of more than 742 Members, as per HQ Communication. There are three Institution Members, 25 Students Chapters started in six Engineering College with more than 1500 Students. IE(I)PSC Conducted Southern Region Student's Conclave in 2023 National and International conference in NIT Puducherry, Conducted traffic survey in Puducherry city with Police Department to provide data for solving the traffic problem, Regional Language Session (Tamil) and celebrate all statutory days in grand manner.

About SMVEC Puducherry

Sri Manakula Vinayaga Educational Trust was founded to provide quality and affordable education to the weaker sections of society. The trust established Sri Manakula Vinayagar Engineering College (SMVEC) in 1999. SMVEC is an autonomous institution affiliated to Pondicherry University. It offers a variety of undergraduate, postgraduate, and research programs in Engineering, Arts and Science, Allied Health sciences, School of Agriculture, Centre of Legal Education, School of Physiotherapy and School of Pharmacy. SMVEC has a sprawling green campus with well-furnished infrastructure. The college has a Wi-Fi enabled campus, central library, high-end computing facilities, individualized department buildings with advanced laboratories, centralized air-conditioned auditorium, campus security cameras and video surveillance system, mineral water plant, hostels for both boys and girls, and other essential amenities like ATM and post office. SMVEC has been accredited by NAAC and NBA. The college has a good placement record with students getting job offers from top companies in India and abroad. SMVEC students have won many awards and accolades for their academic achievements.

Theme of the Seminar

The seminar on Advanced Web Development: Emerging Technologies and Best Practices will offer a comprehensive overview of the evolving landscape of web technologies. Experts from the Academia and industry emphasize on modern frameworks such as React, Angular, and Vue.js are revolutionizing front-end development, while Node.js and serverless architectures are shaping scalable back-end systems. The sessions will explore the integration of AI and machine learning into web applications, emphasizing personalized user experiences and intelligent automation. Additionally, the seminar addresses best practices in performance optimization, responsive design, and web accessibility, underlining their importance in building inclusive and efficient digital platforms. Security measures, such as HTTPS, content security policies, and secure coding practices, were also covered to help developers protect user data. Participants will gain valuable insights into DevOps integration, continuous deployment, and the use of containerization tools like Docker and Kubernetes for streamlined workflows. Overall, the seminar provides a forward-looking perspective on how developers can stay ahead in a rapidly changing digital environment through continuous learning and adoption of cutting edge technologies.

Sub Themes:

- ✳ Modern Front-End Frameworks
- ✳ Back-End Innovations
- ✳ AI & Machine Learning Integration
- ✳ Web Security Best Practices

- ✳ DevOps & CI/CD Pipelines
- ✳ Containerization & Microservices
- ✳ Cross-Platform Development
- ✳ Web Development Trends

Who Can Attend:

- UG/PG/Research Scholars
- Academicians
- Industry experts

Resource persons:

- Eminent speakers from renowned Institutions and Industries.

Venue :

Auditorium, SMVEC, Puducherry

Important Date :

Last Date for Registration : 08-08-2025

Registration Fees (Inclusive of GST)

Registration Fees

Student Member(SMIE) and Students, Research Scholar	= Rs. 600/-
Corporate Member, Academia	= Rs. 740/-
Industry	= Rs. 1000/-

Fee Concession

- ✳ 15% for corporate members and SMIE members

Payment Details

Payment of the seminar registration fees must be made online through NEFT/RTGS/IMPS/UPI to the below-mentioned bank account.

Account Name : The Institution of Engineers (India) Puducherry State
Centre Account Number : 01300110014608
NAME OF THE BANK : UCO BANK
IFS CODE Pondicherry Bazar, Chennai

Registration Link

<https://forms.gle/WtSDZXHUHiCziWXs7>



Further Information, Please Do Contact Us

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Vice presidents	:	Er. K K Gopalakrishnan Nair, FIE Prof (Dr) Girish Shrikisan Mundada, FIE

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Prof (Dr) Bajit Singh Khehra
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Prof (Dr) Ravimaran S
Prof (Dr) Sanjay Kumar
Prof (Dr) Thangaraj K

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Er. K. Soundararjan, FIE, Hon. Secretary, IEI Puducherry State Centre
Dr. V.S.K. Venkatachalapathy, Director cum Principal, SMVEC

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Registration Form

Membership Number :

Membership Number :

Designation :

Address :

Pin Code :

State :

Mobile :

Email Id :

Registration Fee Paid : Yes/No

Transaction Id :

Seal/Signature
Head of the Institution