

**REPORT OF THE
ONE-DAY SEMINAR / WORKSHOP
ORGANISED BY CENTRES / OVERSEAS CHAPTERS
FOR PUBLICATION IN WEBSITE**

Name of Centre / Overseas Chapter:		PUDUCHERRY STATE CENTRE	
Title of Activity:		ONE DAY SEMINAR ON “ CUTTING EDGE TECHNOLOGIES IN INFRASTRUCTURE PROJECTS ”	
Activity under Divisional Board		CIVIL ENGINEERING DIVISION BOARD	
Date:	22.08.2025	Venue:	PUDUCHERRY TECHNOLOGICAL UNIVERSITY, PUDUCHERRY

INVITATION



The Institution of Engineers (India)
Puducherry State Centre
 No.63 N.S.C. Bose Salai, PWD, Campus, Ground Floor Circle-I
 Puducherry - 605 001
 Under the aegis of
 Civil Engineering Division Board



In Collaboration with
PUDUCHERRY TECHNOLOGICAL UNIVERSITY
 Department of Civil Engineering
 IE(I) - Civil Engineering Division, Students' Chapter

cordially invite you to the
One day Seminar on " CUTTING EDGE TECHNOLOGIES IN INFRASTRUCTURE PROJECTS"
On 22nd August, (Friday), 2025 at 10 a.m. at the Civil Engg. Seminar Hall, PTU

Chief Guest
Prof. Dr. S. Mohan
 Hon'ble Vice-Chancellor, Puducherry Technological University, Puducherry
 has kindly consented to preside over the function

Special Guest
Dr. Arun Prasath
 Prof & Head, Department of Green Technology,
 Pondicherry University
 has kindly consented to deliver the Technical Address

Guests of Honour

Dr. S. Thirougnaname, FIE
 Chairman,
 IE(I) - Puducherry State Centre.

Er. K. Soundararajan, FIE
 Hon Secretary, IE(I) -
 Puducherry State Centre.

In presence of

Dr. K.Mahadevan
 Dean,
 School of Mechanical and
 Environmental Technologies
 (SoMET), PTU.

Dr. G.Ramakrishna
 Professor and Head,
 Department of Civil Engg. PTU.

All are Invited

PROGRAM SCHEDULE

 The Institution of Engineers (India) Puducherry State Centre in association with Puducherry Technological University Department of Civil Engineering IEI Sponsored one day Seminar on " CUTTING EDGE TECHNOLOGIES IN INFRASTRUCTURE PROJECTS" 	
Schedule	
Time	Friday (22-08-25)
9:30 a.m. - 10:00 a.m.	Registration
10:00 a.m. - 10:45 a.m.	Inauguration
10:45 a.m. - 11:00 a.m.	Tea Break
11:00 a.m. - 12:00 p.m.	Technical Session - I Green Infrastructure and Green Energy Technology Dr. Arun Prasath Prof & Head, Department of Green Technology, Pondicherry University.
12:00 p.m. - 1:00 p.m.	Technical Session - II Design of Flexible Pavement-A Mechanistic Empirical Approach to Modern Highway Design Er. G.Kannan Senior Chief Engineering Manager-Highway Design L&T Construction, EDRC, Chennai.
1:00 p.m. - 2:00 p.m.	Lunch Break
2:00 p.m. - 3:00 p.m.	Technical Session - III Advanced Constructions Methodologies for Highway Bridges Er. S.Parthiban Deputy General Manager Transportation Infrastructure IC L&T Construction, Chennai.
3:00 p.m. - 3:15 p.m.	Tea Break
3:15 p.m. - 4:15 p.m.	Technical Session - IV Standards and latest techniques of bridge construction in Indian Railways Er. K.Rangarajan Assistant Executive Engineer Design, Construction Southern Railway, Chennai.
4:15 p.m. - 4:45 p.m.	Valedictory Function



Welcome Address by Dr. S. Thirougnaname, FIE.,
Chairman, IEIPSC



Vote of Thanks Er. K. Soundararajan, FIE.,
Hon. Seretary, IEIPSC



Participants from Various Engineering Colleges
Photo of Inaugural Session with banner of IEI



Session 1 Lecture by: Dr. Arun Prasath Prof & Head,
Department of Green Technology, Pondicherry University



Session 2 Lecture by: Er. G.Kannan, Senior Chief
Engineering Manager-Highway Design, L&T Construction,
EDRC, Chennai



Session 3 Lecture by: Er. S.Parthiban, Deputy General Manager,
Transportation Infrastructure IC, L&T Construction



Session 4 Lecture by: Er. K.Rangarajan, M Assistant Executive
Engineer, Design, Construction, Southern Railway, Chennai,

Photo of Technical Session

Report of the One Day Seminar on Cutting Edge Technologies in Infrastructure Projects

One Day Seminar on “**Cutting Edge Technologies in Infrastructure Projects**” was organized by **The Institution of Engineers (India) Puducherry State Centre** in association with the Department of Civil Engineering, Puducherry Technological University. The seminar was held on 22.08.2025 at the seminar Hall of Civil Engineering Department, PTU. **Prof. Dr. G. Ramakrishna**, Head, Civil Engineering, PTU welcomed the guests and the audience. The seminar was inaugurated by **Prof. Dr.S.Mohan**, Vice Chancellor of Puducherry Technological University in the presence of the special guests **Dr. Arun Prasath**, Prof & Head, Department of Green Technology, Pondicherry University, **Dr.S.Thirougnaname**, FIE, Chairman, IEI PSC.

The students and faculty members of Civil Engineering Department, PTU attended the inaugural function. The technical session of the seminar commenced with a lecture on “Green Infrastructure and Green Energy Technology presented by **Dr. Arun Prasath**.

This session was followed by **Er. G.Kannan**, Senior Chief Engineering Manager-Highway Design, L&T Construction, EDRC, Chennai, who briefed the audience about the “Design of Flexible Pavement-A Mechanistic Empirical Approach to Modern Highway Design”.

In the post lunch session Advanced Constructions Methodologies for Highway Bridges was dealt by **Er. S.Parthiban** Deputy General Manager Transportation Infrastructure IC L&T Construction, Chennai.

The Standards and latest techniques of bridge construction in Indian Railways by **Er. K.Rangarajan** Assistant Executive Engineer, Design, Construction Southern Railway, Chennai. The event was concluded with distribution of certificates to all the delegates and students who attended the seminar. The delegates gave very good feedback about the topics that were discussed in the seminar. In general the seminar was very well received by the delegates and students.

The event was arranged and organized by **Dr.P.Revathi**, and the student volunteers of the department of Civil Engineering, PTU.

Details of the Sessions:

Day-1 (Forenoon) Inaugural Session Inaugural programme, Two invited lectures	1. Lecture by: <u>Dr. Arun Prasath Prof & Head, Department of Green Technology, Pondicherry University</u> Topic: <u>Green Infrastructure and Green Energy Technology</u> 2. Lecture by: <u>Er. G.Kannan, Senior Chief Engineering Manager-Highway Design, L&T Construction, EDRC, Chennai</u> Topic: <u>Design of Flexible Pavement-A Mechanistic Empirical Approach to Modern Highway Design</u>
Day-1 (Afternoon) Technical Session I Minimum 3 papers or two invited lectures / presentations	3. Lecture by: <u>Er. S.Parthiban, Deputy General Manager, Transportation Infrastructure IC, L&T Construction</u> Topic: <u>Advanced Constructions Methodologies for Highway Bridges</u> 4. Lecture by: <u>Er. K.Rangarajan,M Assistant Executive Engineer, Design, Construction, Southern Railway, Chennai,</u> Topic: <u>Standards and latest techniques of bridge construction in Indian Railways</u>