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

Name of Centre / Overseas Chapter: PUDUCHERRY STATE CENTRE

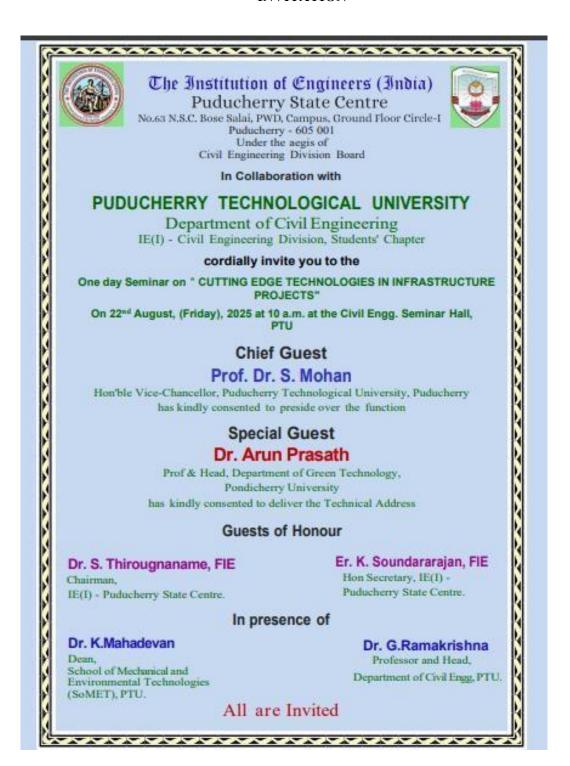
Title of Activity: ONE DAY SEMINAR ON "CUTTING EDGE TECHNOLOGIES IN

INFRSTRUCTURE PROJECTS "

Activity under Divisional Board CIVIL ENGINEERING DIVISION BOARD

Date: | 22.08.2025 | Venue: | PUDUCHERRY TECHNOLOGICAL UNIVERSITY, PUDUCHERRY

INVITATION



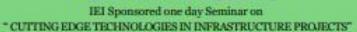
PROGRAM SCHEDULE



The Institution of Engineers (India)

Puducherry State Centre in association with

Puducherry Technological University Department of Civil Engineering





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 Addres 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 Chanceller 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.

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<u>Details of the Sessions:</u>	
Day-1 (Forenoon) Inaugural Session Inaugural programme, Two invited lectures	 Lecture by: <u>Dr. Arun Prasath Prof & Head, Department of Green Technology, Pondicherry University</u> Topic: <u>Green Infrastructure and Green Energy Technology</u> 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	 Lecture by: Er. S.Parthiban, Deputy General Manager, Transportation Infrastructure IC, L&T Construction Topic: Advanced Constructions Methodologies for Highway Bridges Lecture by: Er. K.Rangarajan, M Assistant Executive Engineer, Design, Construction, Southern Railway, Chennai, Topic: Standards and latest techniques of bridge construction in Indian Railways