

Civil
Engineering

Magazine

July-Dec 2025



Tech and Trendz



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DEPARTMENTAL EVENTS

A Five Day FDP On Emerging Trends In Civil Engineering And Research Challenges Towards Sustainability

Event Type	Faculty Development Program
Date / Duration	07.07.2025 to 11-07-2025
Name of the Coordinator(s)	Dr. Shaik. Shameem Banu, Assistant Professor, Dept. CE, JNTUK. Dr. K. V. Ramana, Associate Professor, Dept. CE, LBRCE.
Target Audience	Faculty, Research scholars and UG, PG student and Industrial Professionals
Total no of Participants	33



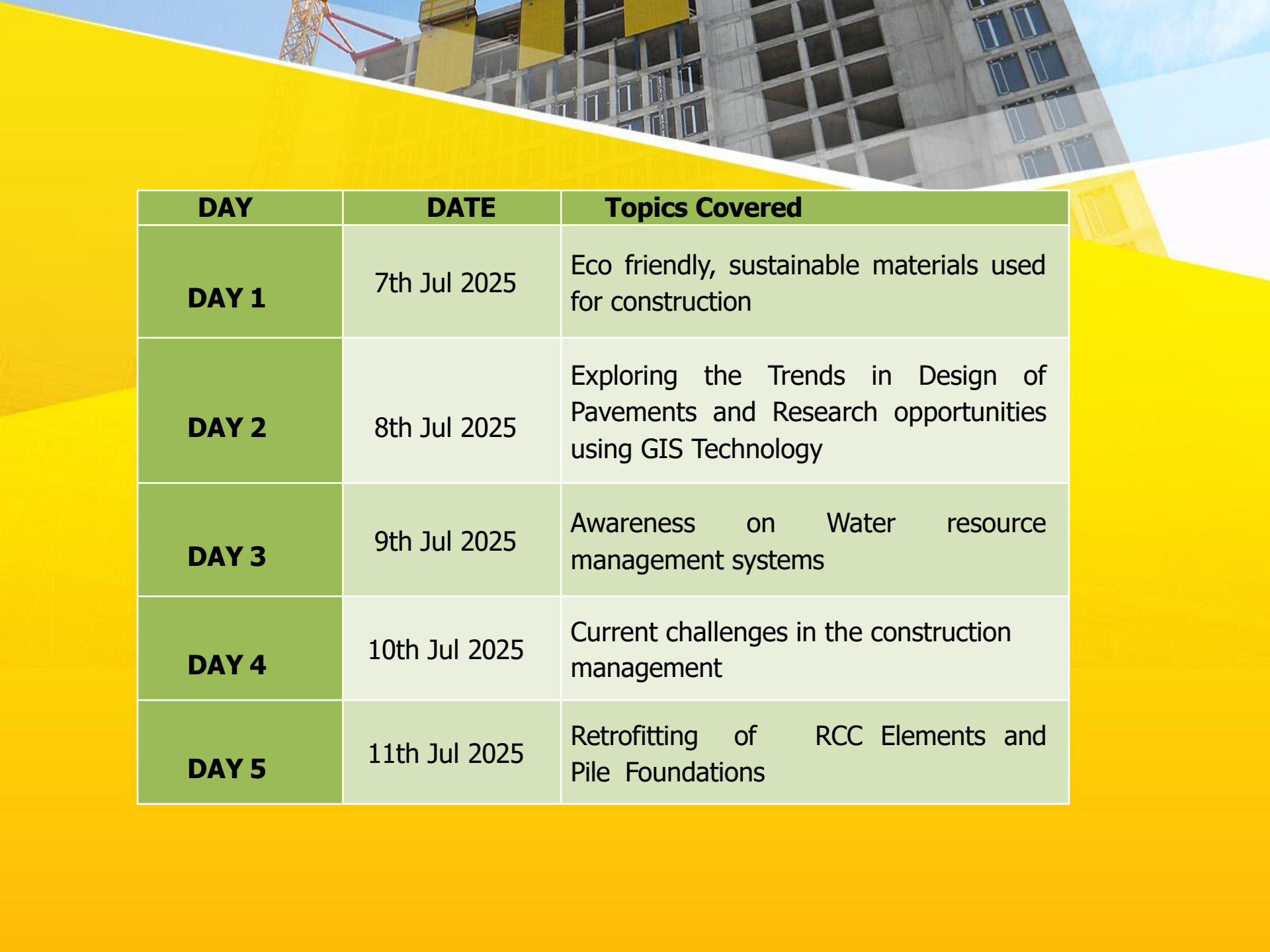
Objectives of FDP

- To provide in depth Knowledge on sustainable technologies in Civil Engineering
- To Bridge Academic Research and Practical Applications
- To Facilitate knowledge sharing among institutions
- To support Skill Development for Faculty and Professionals



Outcomes of FDP

- Promotion of Sustainable and Eco-friendly Practices in Construction
- Encourage Research and innovation in Civil Engineering
- Awareness on new technologies implanted in industries
- Awareness on GIS applications in various fields



DAY	DATE	Topics Covered
DAY 1	7th Jul 2025	Eco friendly, sustainable materials used for construction
DAY 2	8th Jul 2025	Exploring the Trends in Design of Pavements and Research opportunities using GIS Technology
DAY 3	9th Jul 2025	Awareness on Water resource management systems
DAY 4	10th Jul 2025	Current challenges in the construction management
DAY 5	11th Jul 2025	Retrofitting of RCC Elements and Pile Foundations



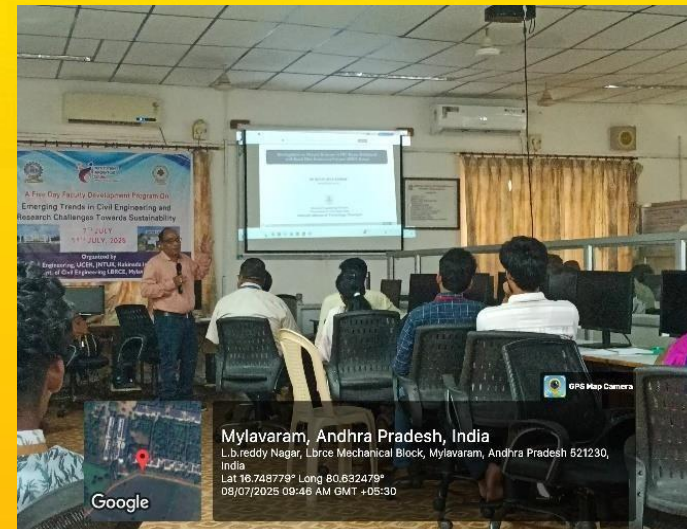
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Mylavaram, Andhra Pradesh, India
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PADMABHUSHAN DR K.L. RAO 123RD BIRTHDAY CELEBRATIONS



**Dr. K. APPA RAO, Principal LBRCE
garlanded the Statue of Dr K.L Rao**



Poster presentation Event gathering

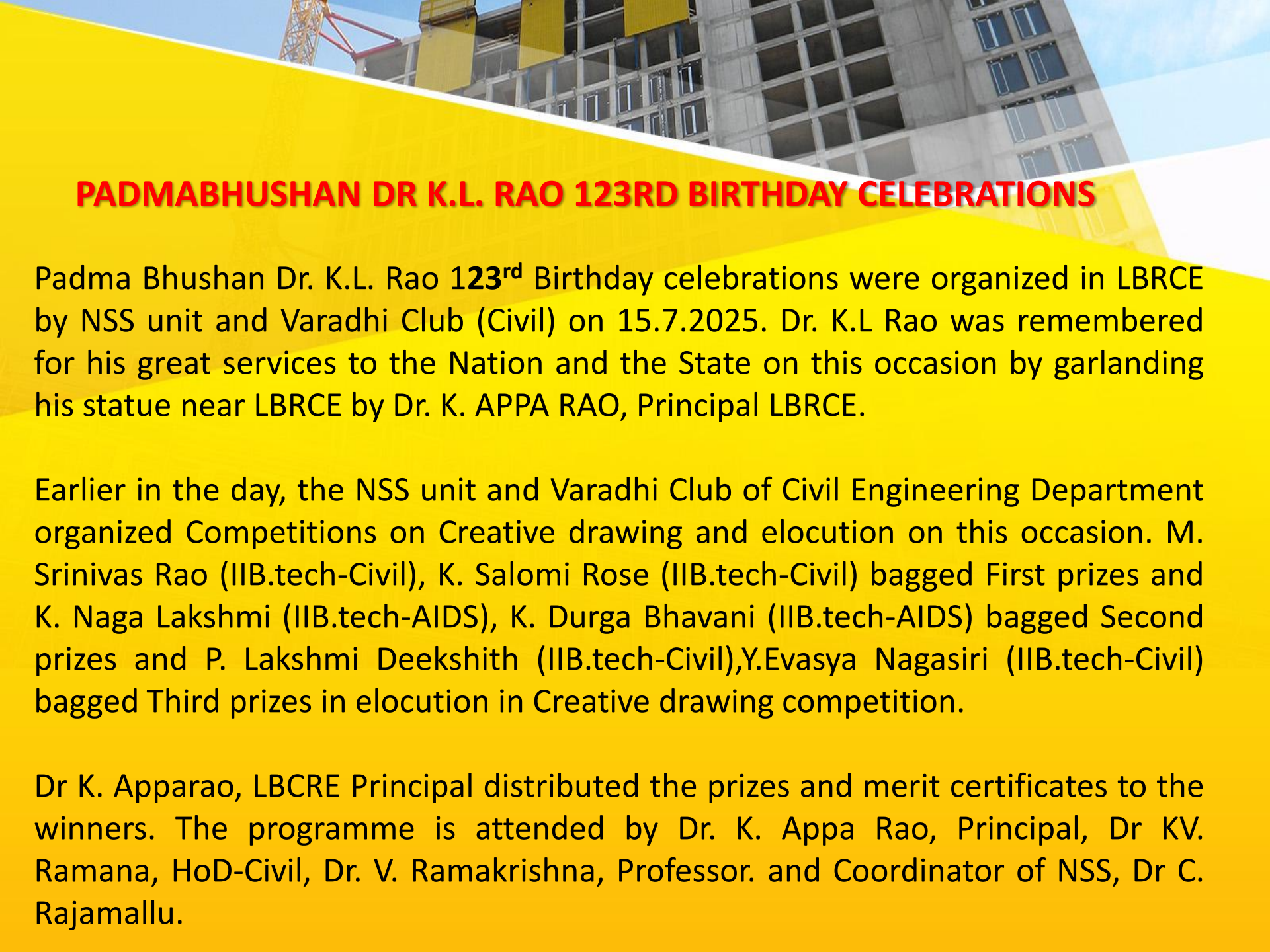
PADMABHUSHAN DR K.L. RAO 123RD BIRTHDAY CELEBRATIONS



**Dr. K. APPA RAO, Principal LBRCE
awarding winners**



**Students' participation in Creative
drawing competition**



PADMABHUSHAN DR K.L. RAO 123RD BIRTHDAY CELEBRATIONS

Padma Bhushan Dr. K.L. Rao 123rd Birthday celebrations were organized in LBRCE by NSS unit and Varadhi Club (Civil) on 15.7.2025. Dr. K.L Rao was remembered for his great services to the Nation and the State on this occasion by garlanding his statue near LBRCE by Dr. K. APPA RAO, Principal LBRCE.

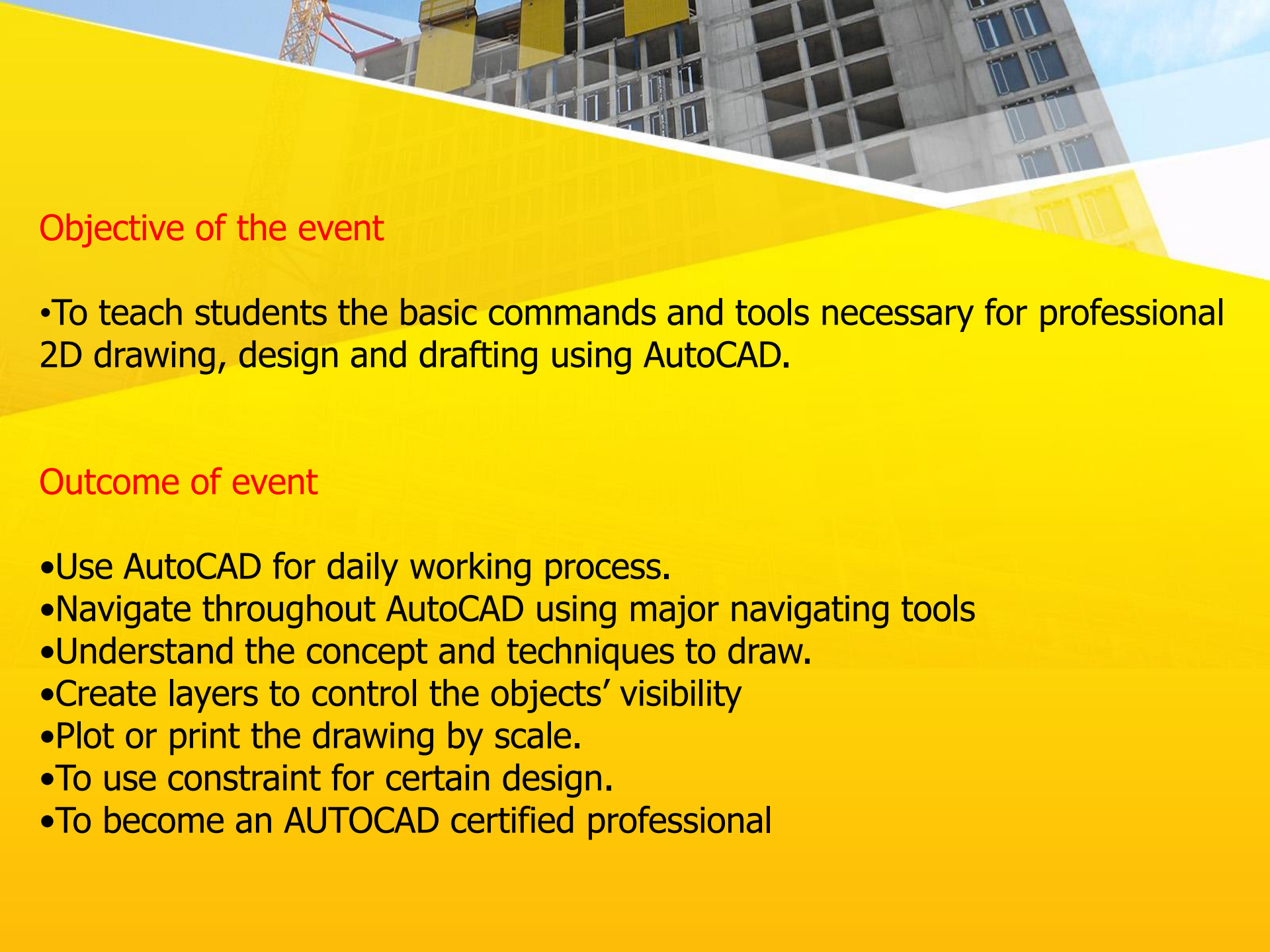
Earlier in the day, the NSS unit and Varadhi Club of Civil Engineering Department organized Competitions on Creative drawing and elocution on this occasion. M. Srinivas Rao (IIB.tech-Civil), K. Salomi Rose (IIB.tech-Civil) bagged First prizes and K. Naga Lakshmi (IIB.tech-AIDS), K. Durga Bhavani (IIB.tech-AIDS) bagged Second prizes and P. Lakshmi Deekshith (IIB.tech-Civil), Y. Evasya Nagasiri (IIB.tech-Civil) bagged Third prizes in elocution in Creative drawing competition.

Dr K. Apparao, LBCRE Principal distributed the prizes and merit certificates to the winners. The programme is attended by Dr. K. Appa Rao, Principal, Dr KV. Ramana, HoD-Civil, Dr. V. Ramakrishna, Professor. and Coordinator of NSS, Dr C. Rajamallu.



CERTIFICATION PROGRAM ON AUTOCAD PROFESSIONAL

Event Type	One-week workshop
Date / Duration	02.09.2025 to 09-09-2025
Resource Person	Mr.S.Prasanna Kumar ,M.D, Engineering CAD Training Centre
Name of the	Sri B.Narasimha Rao, Sr.Assistant Professor
Coordinator	Sri. B. Ramakrishna, Assistant Professor
Target Audience	B Tech Civil 3rd year students
Total no of 51	
Participants	



Objective of the event

- To teach students the basic commands and tools necessary for professional 2D drawing, design and drafting using AutoCAD.

Outcome of event

- Use AutoCAD for daily working process.
- Navigate throughout AutoCAD using major navigating tools
- Understand the concept and techniques to draw.
- Create layers to control the objects' visibility
- Plot or print the drawing by scale.
- To use constraint for certain design.
- To become an AUTOCAD certified professional



Resource person clarifying
doubts on AUTOCAD



Students practicing



Distribution of certificates



Distribution of certificates



REPORT

Department of civil engineering and Engineering CAD Training Centre combinedly conducted one week Certification programme on "AUTOCAD" for B.Tech Civil students from 02nd September 2025 to 09th September 2025 to explore the hybrid engineering environment using AutoCAD. Dr.K.Apparao, Principal of LBRCE welcomed the participants and stated the importance of AUTOCAD in latest application areas and also insisted the students to follow the sessions carefully. He promised to arrange many hands-on training programs in future. Dr.K.V.Ramana, HoD of Civil Engineering Department addressed the students to be interactive in these sessions and take positive output from the program as civil engineering drawing using AUTOCAD has become an integral part in their career. He Stressed the importance of computer aided designs in the broad field of engineering and instructed the students to acquire in depth knowledge on these certification courses which could be helpful for their career. The Resource persons Mr.S.Prasanna Kumar, M.D, Engineering CAD Training Centre trained the students on AUTOCAD with both theory and practical knowledge.

They have covered following topics with hands-on practice:

- Introduction of AUTOCAD
- Advanced tool managements
- Parametric modelling
- Drafting of simple objects
- Application of commands to solve an assignment problem

Drawing competition held on 12-09-2025

Event Type	Drawing Competition on Sustainable Goals
Date / Duration	12th September 2025
Name of the Coordinator	Sri M. Manoj Kumar, Assistant Professor
Target Audience	B Tech first year students
Total no of Participants	48 Students (All Branches)
Objective of the event	The main objective of the Drawing Competition was to create awareness among students about the United Nations Sustainable Development Goals (SDGs) and to encourage them to express their ideas on environmental sustainability, social responsibility, and economic development through creative art.
Outcome of event	The event successfully inspired students to think creatively about global challenges and visualize innovative solutions through drawings. It enhanced their understanding of sustainability concepts and motivated them to contribute positively towards environmental conservation and social welfare.
Feedback / Suggestions	organizing similar events more frequently and including digital art categories in future competitions



Summary of Event

As part of the **Engineer's Day Celebrations** on **September 15, 2025**, the **IE (I) Student Chapter** organized a **Drawing Competition** on **September 12, 2025**. The event was open to all **B.Tech first-year students**, who were invited to register and showcase their artistic talent.

A total of **50 students registered**, and **30 participants** actively took part in the competition. The theme of the event focused on **Sustainable Development Goals**, encouraging students to express their creativity and ideas on sustainability through art.

The participants enthusiastically demonstrated their skills and creativity, making the event both engaging and inspiring. The competition successfully highlighted the students' awareness and innovative perspectives toward building a sustainable future.



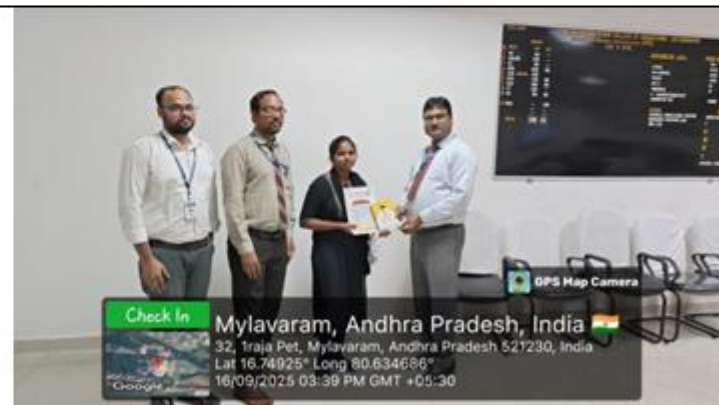
Students participation in drawing competition



Evaluation and discussion of drawing sheets



Prize distribution to winners



Prize distribution to winners

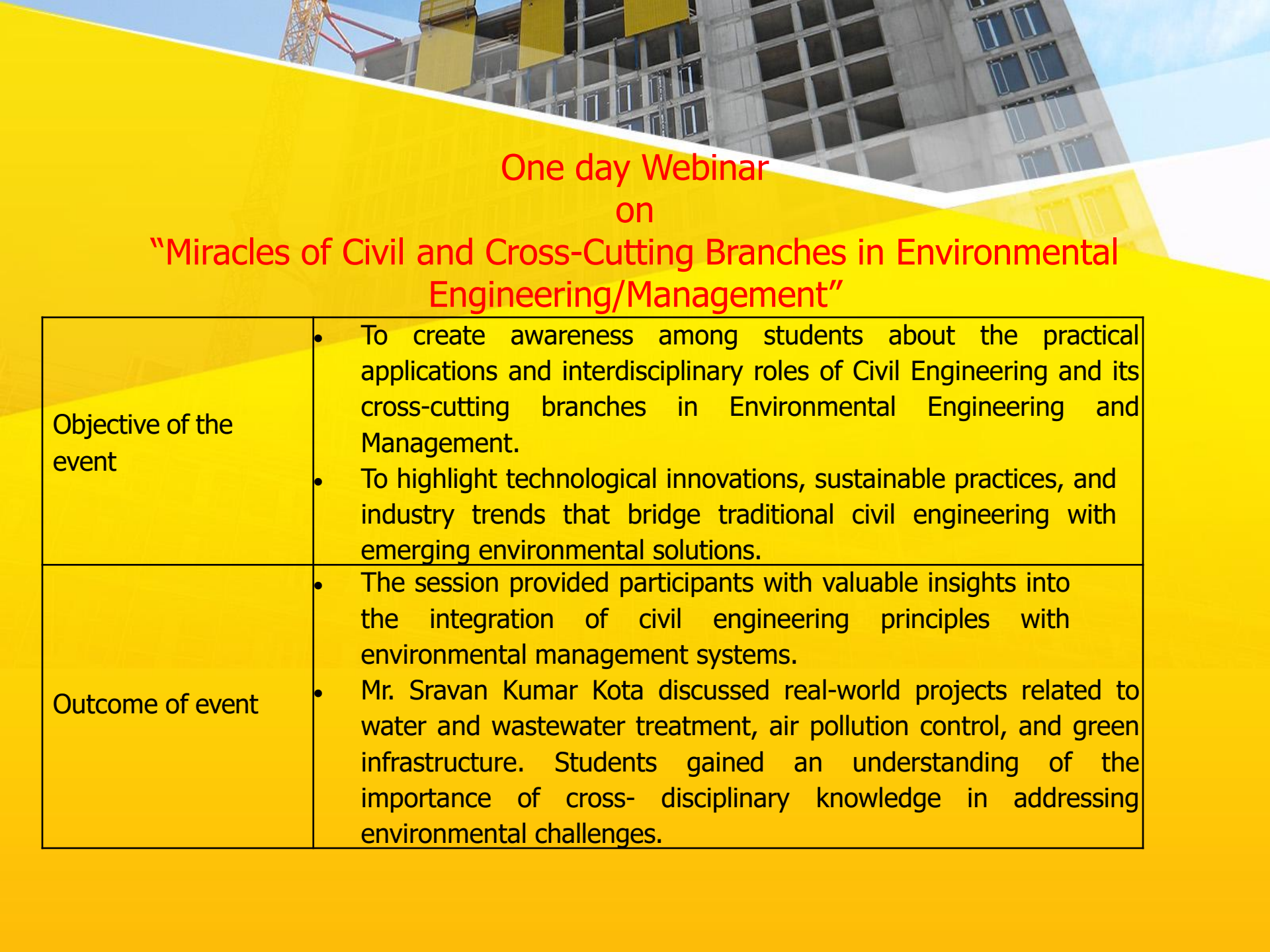


Winners

S.No.	Event	Name of the winners	Dept	Prize
1.	Drawing Competition	N. Saranya	EEE	I
		P. Likhitha	AI&DS	II
		U. Naga Rani	CSE	III

One day Webinar
on
“Miracles of Civil and Cross-Cutting Branches in Environmental
Engineering/Management”

Event Type	Webinar
Date / Duration	11-10-2025 at 1:00pm to 4:00pm
Name of the Coordinator	Sri M. Manoj Kumar, Assistant Professor
Target Audience	B Tech- 2 nd and 3 rd year students
Resource Person	Name: Sravan Kumar Kota, Designation Manger, Business Development- Industry Partnerships and Solutions, BlueDrop Enviro Pvt. Ltd., New Delhi- 110001
Total no of Participants	115

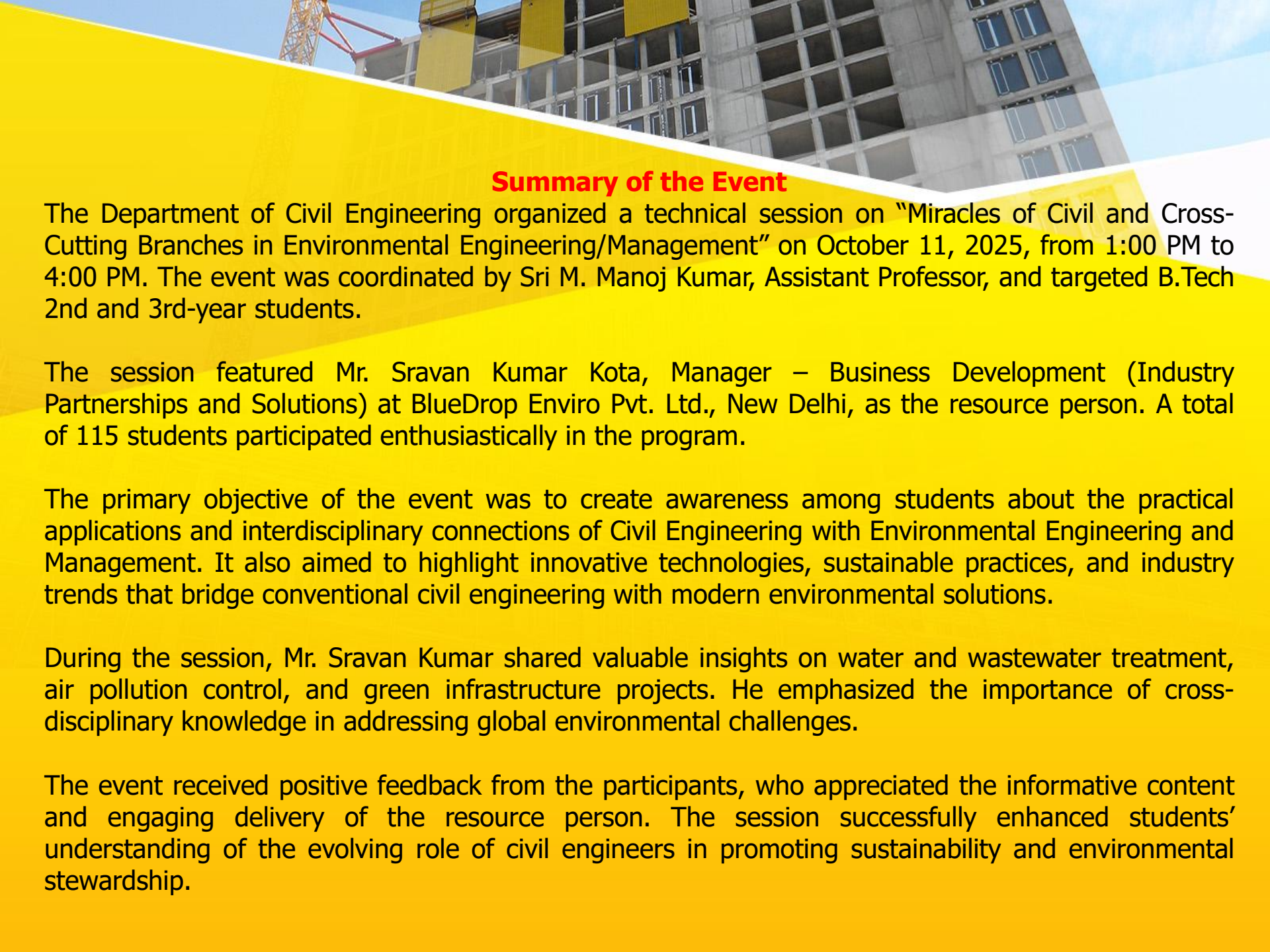


One day Webinar on “Miracles of Civil and Cross-Cutting Branches in Environmental Engineering/Management”

Objective of the event	• To create awareness among students about the practical applications and interdisciplinary roles of Civil Engineering and its cross-cutting branches in Environmental Engineering and Management. • To highlight technological innovations, sustainable practices, and industry trends that bridge traditional civil engineering with emerging environmental solutions.
Outcome of event	• The session provided participants with valuable insights into the integration of civil engineering principles with environmental management systems. • Mr. Sravan Kumar Kota discussed real-world projects related to water and wastewater treatment, air pollution control, and green infrastructure. Students gained an understanding of the importance of cross-disciplinary knowledge in addressing environmental challenges.



Students' attending the session



Summary of the Event

The Department of Civil Engineering organized a technical session on “Miracles of Civil and Cross-Cutting Branches in Environmental Engineering/Management” on October 11, 2025, from 1:00 PM to 4:00 PM. The event was coordinated by Sri M. Manoj Kumar, Assistant Professor, and targeted B.Tech 2nd and 3rd-year students.

The session featured Mr. Sravan Kumar Kota, Manager – Business Development (Industry Partnerships and Solutions) at BlueDrop Enviro Pvt. Ltd., New Delhi, as the resource person. A total of 115 students participated enthusiastically in the program.

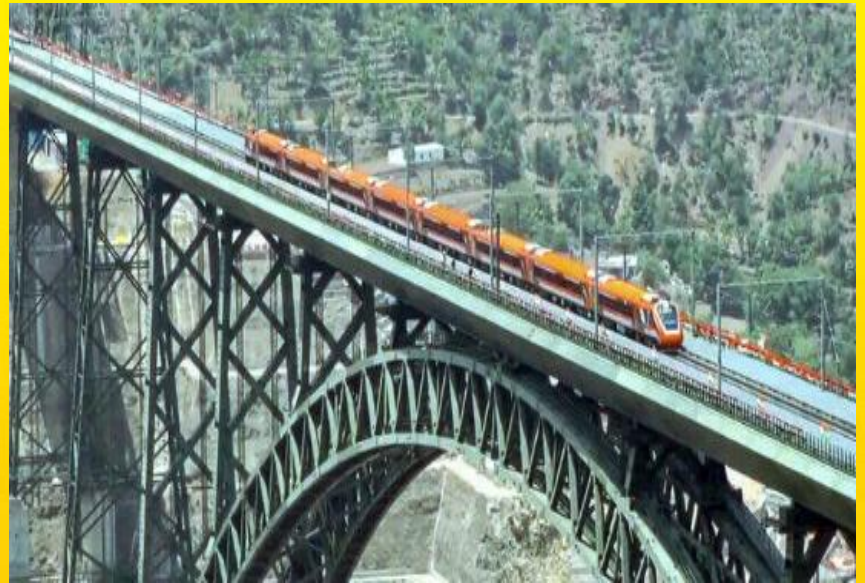
The primary objective of the event was to create awareness among students about the practical applications and interdisciplinary connections of Civil Engineering with Environmental Engineering and Management. It also aimed to highlight innovative technologies, sustainable practices, and industry trends that bridge conventional civil engineering with modern environmental solutions.

During the session, Mr. Sravan Kumar shared valuable insights on water and wastewater treatment, air pollution control, and green infrastructure projects. He emphasized the importance of cross-disciplinary knowledge in addressing global environmental challenges.

The event received positive feedback from the participants, who appreciated the informative content and engaging delivery of the resource person. The session successfully enhanced students' understanding of the evolving role of civil engineers in promoting sustainability and environmental stewardship.

Famous Construction

The Chenab Rail Bridge is a railway bridge over the Chenab River in Reasi district of the union territory of Jammu and Kashmir in India. It is a steel and concrete bridge spanning 1,315 m across the river gorge. The structure consists of an approach bridge which is 530 m long and a 785 m-long deck arch bridge.



Chenab Bridge

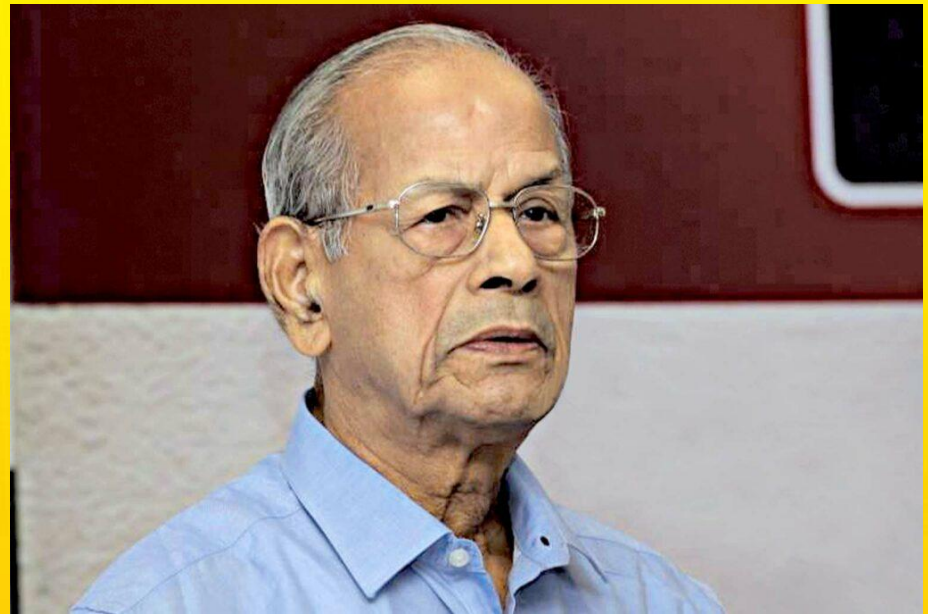


Famous Engineer

Elattuvalapil Sreedharan

Elattuvalapil Sreedharan (born 12 June 1932) is an Indian engineer and politician from the Indian state of [Kerala](#). He is credited with changing the face of public transport in [India](#) with his leadership in building the [Konkan Railway](#) and the [Delhi Metro](#) while he served as the managing director of [Delhi Metro Rail Corporation](#) (DMRC) between 1995 and 2012.^[1] Known as the *Metro Man*, he was awarded the [Padma Shri](#) by the Government of India in 2001,^[2] the [Padma Vibhushan](#) in 2008,^[3] the [Chevalier de la Legion of Honour](#)^[2] in 2005 by the [Government of France](#) and was named one of Asia's Heroes by [Time](#) magazine in 2003.^{[4][5]} Sreedharan was appointed by the former UN Secretary General [Ban Ki-moon](#) to serve on the United Nations's High Level Advisory Group on Sustainable Transport (HLAG-ST) for a period of three years in 2015. He was also served as a Member of Railway Board, Govt of India. He is a member of [Mata Vaishno Devi Shrine Board](#).^{[6][7][8]} He briefly served as a national executive council member of Bharatiya Janata Party, but later quit active politics in December 2021.^[9] He also worked as an advisor of Dhaka Metro authority which is called [Dhaka Mass Transit Company Limited](#) under the [Railway Ministry](#) of [Bangladesh](#)

Sreedharan had his primary schooling at Govt. Lower Primary School, Chathannur, near Pattambi in the Palakkad district. He then studied at the [Basel Evangelical Mission School, Palakkad](#), and at the [Victoria College, Palakkad](#). He later on completed his Civil Engineering degree from the [Government Engineering College, Kakinada](#), in Andhra Pradesh, presently known as Jawaharlal Nehru Technological University



TRICK ZONE



A



B



C



D

ARTS



G.PRASHANTH
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