



The Institution of Engineers (India)

"A Century of Service to the Nation"

ONE DAY SEMINAR ON THE THEME OF

"STRATEGIES FOR REDUCING CARBON FOOTPRINTS IN CONSTRUCTION INDUSTRY"

UNDER THE AEGIS OF CIVIL ENGINEERING DIVISION BOARD, IEI

Date: 28.01.2026 (Wednesday)

Organized by

The Institution of Engineers (India)

Faridabad Local Center

In association with Department of
Civil Engineering, Manav Rachna
International Institute of Research
and Studies Faridabad, Haryana
(INDIA)



Venue :

Seminar Hall, Manav Rachna International Institute
of Research and Studies
Faridabad, Haryana (INDIA)

Phone: 01292245008; +919968433183

Email ID: faridabadlc@ieindia.org

ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) is the largest multidisciplinary professional body encompassing fifteen engineering disciplines and providing engineers with a global platform to share professional interests. IEI has a membership strength of over 2.5 Lakh Members. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata, IEI was incorporated by Royal Charter in 1935 and remains the only professional body in India to receive this honor. IEI operates among professional engineers, academicians, and research workers and provides technical, professional, and support services to the government, industries, academia, and the engineering fraternity, operating from 124 centers located across the country. The Institution also grants aid to its members to conduct research and development on engineering subjects.

IEI has been recognized as a Scientific and Industrial Research Organization (SIRO) by the Ministry of Science and Technology, Government of India. It provides Grant-in-Aid to undergraduate, postgraduate, and PhD students of engineering institutes and universities.

IEI maintains the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The Institution also grants the Professional Engineers (PE) Certification.

IEI, in collaboration with Springer, regularly publishes a peer-reviewed international journal in five series: Series A, Series B, Series C, Series D, and Series E, covering fifteen engineering disciplines. For further details, please visit: www.ieindia.org.

ABOUT IEI FARIDABAD LOCAL CENTRE

FARIDABAD LOCAL CENTRE commenced its operation on 25th Nov. 2009. Operating from 2nd Floor Bank Building, J. C. Bose University of Science & Technology (YMCA) Faridabad, The Centre has more than 2700 corporate members registered with it. In the year 2024, the centre has been recognized as Council Member. With Faridabad and Gurugram major industrial hubs under the geographical jurisdiction of the centre, it is bound to attract more engineers and serve large engineering fraternity. For further details, please visit: www.ieifbdlc.in

ABOUT MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES FARIDABAD, HARYANA

Manav Rachna International Institute of Research and Studies (MRIIRS), formerly MRIU, a Deemed-to-be-University under section 3 of the UGC Act, 1956, and a NAAC⁺ accredited 'A++' Grade Institution, is a continuum of excellence from the Career Institute of Technology and Management (CITM). MRIIRS has been awarded a 5-star QS rating for Academics, Teaching, Facilities, Employability. MRIIRS is ranked among the top institutions by the Ministry of Education's NIRF Ranking 2025. MRIIRS Ranked 258 in South Asia in QS University Asia Rankings 2023. It strives for high-quality education in the fields of Engineering and Technology, Health and Applied Sciences, Management, Computer Applications, Hotel Management, Commerce, Humanities, Media, Architecture, Design, Liberal Arts, Economics, Applied Psychology, and many more. MRIIRS is a Founder and Member of the prestigious "College Board's Indian Global Higher Education Alliance".



ABOUT THE SCHOOL OF ENGINEERING AND TECHNOLOGY (SET)

The School of Engineering and Technology (SET) at Manav Rachna International Institute of Research and Studies (MRIIRS), established in 1997, stands as a hub of innovation, academic excellence, and applied research. The school has seven departments each fostering a vibrant ecosystem of learning, discovery, and collaboration. The school offers Undergraduate, Postgraduate, and Doctoral programs that blend strong theoretical foundations with practical, industry-driven exposure. The school has forged numerous collaborations with reputed academic institutions, industries, and R&D organizations, enabling students and faculty to engage in cutting-edge research and technology development. With a team of highly qualified faculty members, modern infrastructure, and a curriculum aligned with the National Education Policy (NEP) 2020, SET consistently strives to bridge the gap between academia and industry.

ABOUT THE DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering was established in the year 2009 and has built an excellent reputation over the years. The department offers B. Tech [Civil Engineering], B. Tech [Civil Engineering (Hons.) with specializations in Smart Infrastructure, M.Tech [Civil Engineering (with specialization in Structural Engineering/ Construction Management & Transportation Engineering), 02 Years / 03 Years] and Ph.D. Programme in Civil Engineering.

The department's extensive laboratory infrastructure supports research and innovation across areas such as structural systems, geotechnical investigations, material testing, and smart infrastructure.

Through its integrated approach to education, research, and industry engagement, the Department of Civil Engineering at MRIIRS has established an Ultratech- Centre of Excellence and functional MOUs with National Council for Cement and Building Materials (NCB) and L & T- EduTech.

ABOUT THEME : "STRATEGIES FOR REDUCING CARBON FOOTPRINTS IN CONSTRUCTION INDUSTRY"

It is essential to highlight cost-effective and eco-friendly construction technologies that make sustainability accessible even in resource-constrained contexts. For many regions, especially in developing economies, affordability is a critical factor in adopting new technologies. By focusing on solutions that balance economic feasibility with environmental gains, such as low-energy production techniques, localized material use, and community-driven practices, the industry can ensure that carbon reduction strategies are inclusive and widely applicable.

Objectives of the Seminar:

- To explore innovative strategies and technologies for reducing carbon footprints in the construction industry.
- To promote the use of sustainable materials and waste management practices that lower emissions and support a circular economy.
- To highlight the role of smart tools, modular methods, and eco-friendly technologies in delivering low-carbon and cost-effective infrastructure.
- To encourage integration of climate resilience and sustainability principles into infrastructure design and planning.

SUB THEMES:

- Low-Carbon Construction Technologies and Energy-Efficient Practices
- Modular and Prefabricated Approaches for Sustainable Infrastructure
- Innovative and Bio-based Materials for Reducing Carbon Emissions
- Recycling and Circular Economy Models in Construction and Demolition Waste Management
- Smart Monitoring Tools and Digital Solutions for Decarbonized Infrastructure
- Climate-Resilient and Carbon-Sensitive Infrastructure Design
- Cost-Effective and Eco-Friendly Technologies for Sustainable Development

IMPORTANT DATES

- Last date for submission of abstract: **5-01-2026 (Monday)**
- Acceptance of abstract: **10-01-2026 (Saturday)**
- Last date for submission of Full Papers: **15-01-2026 (Thursday)**
- Registration Deadline: **20-01-2026 (Tuesday)**
- For Sponsorship: **21-01-2026 (Wednesday)**
- For Advertisement with material: **22-01-2026 (Thursday)**
- Date of The Event (One Day Seminar): **28-01-2026 (Wednesday)**

CALL FOR PAPERS

All interested participants are requested to contribute research papers and case studies detailing concept, innovative, ideas or practical experiences for oral or a poster presentation. Each paper should begin with a abstract of about 200 words and should be limited to 6 typed pages in A-4 size papers including text, figures and tables etc. A brief bio-data (not more than half a page, affixing a photo) of the author(s) should accompany the paper.

REGISTRATION FEE (INCLUDING GST)

The participants may register by remitting the registration fees as indicated below in the enclosed registration form.

Registration form Link: <https://forms.gle/oUbr7rbRGvMPLDB47>

Corporate Members of IEI : - Rs. 500 + 18% GST

Research Scholar / Students:- Rs. 400 + 18% GST

Non Member:- Rs. 750 + 18% GST

TECHNICAL SOUVENIR

Advertisements from different organizations will be accepted for publication in the technical souvenir. On the occasion, a souvenir (size A4) will be produced and distributed to the delegates and other relevant organizations across the country.

ADVERTISEMENT TARIFF SOUVENIR

Back Cover (Outside) Multicolour Rs. 30,000 (18% GST Extra)

Front Cover (Inside) Multicolour Rs. 25,000 (18% GST Extra)

Back Cover (Inside) Multi colour Rs. 20,000.00 (18% GST Extra)

Inside Full Page Colour Rs. 10,000 (18% GST Extra)

Inside Half Page (Colour) Rs. 5000 (18% GST Extra)

SOUVENIR SPONSORSHIP

One Day Seminar will be a mega event which will be attended by professionals, engineers, Technocrats, Industrialists and policy makers from all over the country sponsorship is an excellent way for the organisation to receive recognition. The organising committee extends a very warm invitation to related organisation to sponsor this important national event.

Privileges			
Category of Sponsorship	Platinum (Rs.) 1,50,000	Diamond (Rs.) 1,00,000	Gold (Rs.) 50,000
Seating arrangement for one at Dias	✓	✓	✓
Display of Logo on the backdrop	✓	✓	✓
Two banners or Two Welcome Standees	✓	x	x
Sponsorship announcement by Moderator	✓	✓	✓
Advertisement in one full page of souvenir	✓	✓	✓
Product display Kiosk	✓	x	x
Display of logo on the Reception photo booth	✓	✓	x
Screening of corporate film/ presentation for duration	10	5	x
Allowance of delegates for attending event	5--6	3--4	2--3

PAYMENTS

All payments are to be made through Bank Draft, Crossed Banker's Cheque, MICR Cheque, drawn in favour of The Institution of Engineers (India) Faridabad Local Centre. For Bank Transfer through NEFT/RTGS/Online with following details:

Account Name : **The Institution of Engineers (India) Faridabad Local Centre**

Bank Account No. : 146601000016741

IFSC Code : IOBA0001466

BRANCH : Indian Overseas Bank, YMCA Branch, Sector 6, Faridabad

PAN No. : AAATT3439Q

GST No. : 06AAATT3439Q2ZX



Scan & Pay

- The fees includes Course Material, Lunch, Morning/Evening Tea for the day.
- N.B. Please send us proof of payment if made through online transfer
- Please send payment proof at faridabadlc@ieindia.org

ORGANISING COMMITTEE



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Er. Inderdeep Singh Oberoi, FIE,
Chairman & Council Member, IEI, Faridabad Local Centre



CONVENER

Prof. (Dr.) Pradeep Kumar Dimri, FIE,
Honorary Secretary, IEI, Faridabad Local Centre

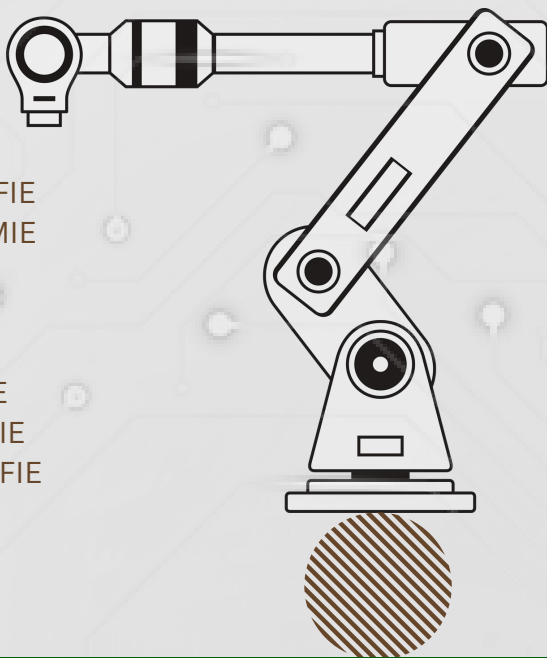


ORGANISING SECRETARY

Prof. (Dr.) Senthil Vadivel T., MIE,
HoD, Department of Civil Engineering, School of Engineering and Technology, Manav Rachna International Institute of Research & Studies

ORGANISING COMMITTEE - MEMBERS

1. Er. Sandeep Handa, FIE
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TECHNICAL COMMITTEE

- | | |
|--|-----------------------------|
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| 2. Er. I.S. Chauhan, FIE | Associate Professor, MRIIRS |
| 3. Dr. Sadiqa Abbas, Professor, MRIIRS | 7. Dr. Sayandip Ganguly, |
| 4. Dr. Anjali Gupta, Professor, MRIIRS | Assistant Professor, MRIIRS |
| 5. Dr. Sonal Saluja, | 8. Mr. Yaman Hooda, |
| Associate Professor, MRIIRS | Assistant Professor, MRIIRS |

COORDINATORS

1. Dr. Sonal Saluja, Associate Professor, MRIIRS
2. Dr. Lokesh Choudhary, Associate Professor, MRIIRS
3. Mr. Sonu Kaushik, Office Executive, IEI, FBD L.C.
4. Ms. Bhavya Bhardwaj, Office Coordinator, IEI FBD L.C.

N.B. Photo copies of Information Brochure/Registration/ Advertisement form may be used.

REGISTRATION FORM/ADVERTISEMENT FORM

One Day Seminar on the theme of “Strategies for Reducing Carbon Footprints in Construction Industry”

Name of The Participant / Firm.....

Designation

Membership No.

Institution / Organisation.....

Mailing Address

Phone.....Mobile.....E-mail.....

Please Tick (✓) in the Relevant Category

1. Member of IEI F/M/AM No.
2. Non-Member
3. Sponsor
4. Advertiser
5. Student Member
6. Paper & Poster Presenter
7. Foreign Participant
8. Wish to Submit a paper and participate as delegate

Please find enclosed a Demand Draft / Cheque No.

“The Institution of Engineers (India) Faridabad Local Centre”

Date: _____ Place: _____

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