

St. Xavier's Catholic College of Engineering

(An Autonomous Institution)

Department of Civil Engineering

REACH Association

2024-2025

Annual Report

I feel privileged and honoured to present the annual report of Resplendent Engineers Association for Civil Heritage (REACH) in the presence of our respected dignitaries, the head of the department, faculty and staff and my dear friends.

A very good afternoon to one and all present here. It's a great honour and pleasure to be a part of this 26th installation ceremony of REACH for the academic year (2025-2026).

To empower and brighten the young minds, the following events were organized last year:

1. The Inaugural Ceremony of REACH Association was conducted on 12/09/2024. The chief guest Er. B. Lalitha, Proprietor, Sens Design, Chennai, delivered a seminar on "*Design of a Building Project*".
2. On 08/08/2024, a seminar was organized by Dr. Appa Rao G, Professor, IIT Madras, to enrich the technical knowledge of students.
3. A local visit was arranged to National Highways, Kottaram on 10/08/2024 to provide practical exposure.
4. A Value Added Course was conducted on 18/09/2024 by Mr. P. Kartikeyan and Ms. Keerthi from Edifice Pvt Ltd, Coimbatore, to enhance the professional skills of the students.
5. A Poster Presentation was organized on 04/11/2024 to encourage student's creativity and presentation skills.
6. An Educational Tour was arranged on 17/01/2025 for students accompanied by faculty members to broaden their practical learning.
7. On 23/01/2025, the Model Expo was conducted to showcase the innovative models designed by students.
8. A Value Added Course was organized on 03/02/2025 by Ms. Priya Dharshika, Trainer, ICT Academy, with active student participation.
9. A Seminar on "*Softwares in Civil Engineering*" was conducted on 17/02/2025 by Ms. Sindhuja, Trainer, CAD DESK, Nagercoil.
10. On 19/02/2025, a Seminar on "*Interior Design and Animation*" was conducted by Ms. S. Sowbaghya, Trainer, G-Tec Computer Education, Nagercoil.

11. Workshops on "GPS Survey" and "3Ds Max" were organized on 08/03/2025 by Mr. Krishna, Krishna Land Surveying Institute, Nagercoil, and Ms. Sowbaghya, G-Tec Computer Education, Nagercoil, respectively.
12. An Industrial Visit at Kochin was organized on 10/03/2025 for students accompanied by faculty members to provide industry exposure.
13. On 21/03/2025, an Intradepartmental Symposium was conducted to enhance the skills and talents of students.
14. A One-Day Workshop was organized on 04/04/2025 by Dr. M. Indhumathi with active participation from students.
15. A Techfest was celebrated on 15/04/2025 by faculty and students of SXCCE to promote innovation and creativity.
16. A series of Faculty Development Programmes (FDP) were conducted between 21/04/2025 and 25/04/2025 with eminent resource persons including:
 - Er. T. Prema Latha, Manager, Kavin Engineering and Services, Coimbatore (21/04/2025)
 - Er. Ramkumar, Senior Design Engineer, Kavin Engineering and Services, Coimbatore (22/04/2025)
 - Er. P. J. Lawrence, General Manager, Beardsell Limited, Chennai (23/04/2025)
 - Dr. Ishwar Singh, Geologist, New Delhi (24/04/2025)
 - Er. Dipen Laber, Senior Manager, Rodic Consultant Pvt Ltd, New Delhi (25/04/2025)
17. An International Conference *ICASME '25* was organized on 29/05/2025 & 30/05/2025. The distinguished speakers were Dr. G. Appa Rao, Professor, IIT Madras, and Dr. G. Santosh, Assistant Professor (Senior), VIT Chennai. The event witnessed the participation of 210 delegates.

To empower students with sustainability, employability, leadership, and technical skills, we have planned to organize the following events this year:

- A **Workshop on Building Information Modelling (BIM)** will be organized to equip students with sustainable design techniques, where they will learn to plan and estimate buildings with eco-conscious design parameters.
- We have planned to conduct **Hands-on Training on 3D Concrete Printing** to enhance eco-friendly and waste-minimizing design skills, enabling students to develop efficient designs that minimize material usage.
- **Field Visits to Green Construction Sites** are being arranged to provide students with exposure to sustainable construction practices, eco-products, and smart technologies, allowing them to analyze green building elements.
- We have prepared to organize a **Seminar on Recent Fields in Civil Engineering** to introduce students to sustainability-oriented disciplines and career opportunities within the profession.

- **Industrial Visits and Course-Related Visits** are being arranged to help students observe real-time sustainable practices in industries, gain practical insights, and connect theoretical knowledge with applications.
- **Awareness Programs such as Heritage Day Outreach** will be organized to instill in students the value of preserving cultural heritage and to promote sustainable development initiatives.
- A **Faculty Development Programme (FDP) on Advanced Sustainable Construction Materials** will be coordinated to train faculty members in eco-friendly materials and green building concepts, equipping them with the latest knowledge in sustainable technologies.
- A **Value Added Course on Sustainable Practices** has been planned to build students practical skills in eco-friendly construction methods and to prepare them for implementing sustainable techniques in the field and laboratory.
- We have planned to conduct **special programs aligned with industrial expectations in civil engineering** to enhance the employability skills of students, making them industry-ready.

I assure, we the office bearers and all the students of the Department of Civil Engineering will organize the above events with the help of management, HOD, faculty advisor and other faculty and staff in a successful manner. I conclude the annual plan of our association.

Thank you.

FACULTY ADVISOR

[Signature]
HOD 11/09/25

[Signature]
11/09/25
PRINCIPAL

[Signature]
11/09/2025
CORRESPONDENT