

St. Xavier's Catholic College of Engineering

(An Autonomous Institution)

Department of Civil Engineering

REACH Association

2023-2024

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 morning to one and all present here. It's a great honour and pleasure to be a part of this 24th installation ceremony of Resplendent Engineers Association for Civil Heritage for the academic year (2024-2025).

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

1. The Inaugural ceremony of REACH association was conducted on 16/09/2023. And to enrich the students the chief guest Er. A. Surendra Venkatramanan, proprietor-Plytree interiors and planners, presented a seminar on "Career opportunities in Civil Engineering".
2. A FDP on concrete building system design and integrated building services was arranged by the association to equip the faculty members with advanced knowledge and skills on 24/07/2023.
3. On 04/08/2023, a visit to build expo was organised by our association to discover upcoming design trends, eco-friendly products and experience creativity and expertise in the field of civil engineering.
4. A seminar on Virtual Reality on BIM was conducted through CADD DESK on 12/08/2023. On the same day, an one day workshop on 2D planning and cost estimate was also conducted by Er. Praveen Kumar, Corporate trainer from BIM, CADD.
5. On 13/09/2023, a seminar on Career Guidance in soft skills was conducted by our association.
6. On 27/09/2023 a local visit to Pechiparai dam and Mathur Aqueduct was arranged to expose the students to field work practices.
7. To provide an insight into the real working environment of the industry, an industrial visit was arranged for III-year students to Oasis Grace Engineering Projects, Chennai on 04/10/2023.

8. On 11/10/2023, a seminar on archaeology was organised by the REACH association to enable the students to gain knowledge on the inscriptions and iconography used in the ancient times.
9. An educational tour was arranged on 06/01/2024 by the association to expose the students to society, culture and architectural design used in different places and the history of India.
10. A seminar on Additive manufacturing was presented by Darrels AM Research and reverse Engineering labs Pvt Ltd on 05/02/2024 to impart knowledge on 3D printing and technology to students.
11. An orientation session on placement drive was conducted by our association on 12/02/2024 through Edifice technologies.
12. On 13/02/2024 a seminar on "Structural detailing using softwares" was conducted through CAD tech to enhance the software skills of our students.
13. To create awareness among students a seminar on "pollution control and road safety" was presented by Assistant Divisional engineer, highways department on 14/02/2024.
14. On 19, 20, 21, 22 and 23rd February 2024, a FDP on structural Design and analysis using STAAD was arranged for the staffs by REACH association to enrich their knowledge.
15. An intra-department Symposium was arranged by our association on 07/03/2024 to enrich the students knowledge and skills in various aspects.
16. On 05/04/2024, a national level technical symposium was organised by REACH association to provide a platform for the students to showcase their research findings, innovative ideas and practical insights. The chief guest for the same was Mr. G Balakrishnan, chief engineer, Kudankulam, nuclear power plant.
17. On 23/05/2024, a FDP on Role of BIM in construction industry was arranged for the staffs to enrich their knowledge on the role of BIM in construction industry.

To strengthen the students in terms of leadership and technical skills, we have planned to organize the following events this year:

1. We have planned to organise an International conference in order to encourage research in various domains.
2. Arrangements are being made for industrial and course-related visits to allow students to engage with industry experts, gain practical experience, and boost their job prospects.
3. Seminars and workshops are being organized to provide essential information and equip students with the vital skills needed in the industry.
4. To expand the knowledge and share information to promote the well-being of the students we have also planned to orchestrate several awareness programs.

5. Various programs will be organized to explore and provide guidance on the different career opportunities within the industry.
6. We are set to organize motivational talks, provide guidance, offer GATE coaching programs, and create value-added courses, all facilitated by our department's faculty, to equip our students for further education and careers in public sector undertakings..
7. We have also planned to organize special programs related to Industrial expectations in civil engineering to enhance the employability Skills of the students.

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. Hereby, I conclude the annual plan of our association.

Thank you.


FACULTY ADVISOR


PRINCIPAL


12/09/24


HOD


CORRESPONDENT
12/09/2024