



**St. XAVIER'S**  
CATHOLIC COLLEGE OF ENGINEERING  
(Autonomous)

Chunkankadal, Nagercoil - 629003  
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai.  
Accredited with 'A' Grade by NAAC.  
UG Programs, ECE, EEE, Mech, Civa, CSE & IT Accredited by NBA  
Anna University Recognized Research Institute  
Recognized under section 2(F) & 12(B) of UGC Act, 1956  
UG Programs ECE, EEE, Mech, Civa, CSE & IT  
MBA & MCA Programs Approved by AICTE

## DEPARTMENT OF CIVIL ENGINEERING

### REGULATION 2026

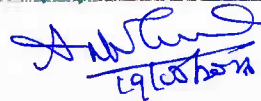
### EIGHTH BOS MEETING ATTENDANCE

DATE: 19-05-2026

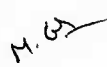
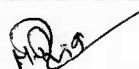
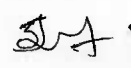
TIME: 10.00 am

| Members as per UGC Norms                                                                         | Members Nominated                                                                                                                                              | Signature |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Head of the Department concerned (Chairman)                                                      | <b>Dr. J. Jerlin Regin</b><br>Head, Department of Civil Engineering                                                                                            |           |
| Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal | <b>Dr. S. Mariraj Mohan</b><br>Associate Professor<br>Department of Civil Engineering<br>Government College of Engineering<br>Tirunelveli                      |           |
| Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal | <b>Dr. Gangolu Appa Rao</b><br>Professor<br>Department of Civil Engineering<br>Indian Institute of Technology Madras,<br>Chennai - 600036                      | Online    |
| Expert in the subject outside the college nominated by the Academic Council                      | <b>Dr. N. Anand</b><br>Associate Professor & Head<br>Department of Civil Engineering<br>Karunya Institute of Technology and<br>Sciences<br>Coimbatore - 641114 | Online    |
| Expert in the subject outside the college nominated by the Academic Council                      | <b>Er. Raj Bhagat Palanichamy</b><br>Senior Program Manager<br>GeoAnalytics<br>WRI India<br>Bengaluru 560004, Karnataka                                        |           |
| One representative from industry / corporate sector / allied area relating to placement          | <b>Mr. Marie Gerard Perera</b><br>Manager, Outsourcing Department<br>Bharat Heavy Electricals Limited<br>Tiruchirappalli - 620014                              | Online    |

**Ex- Officio members present**

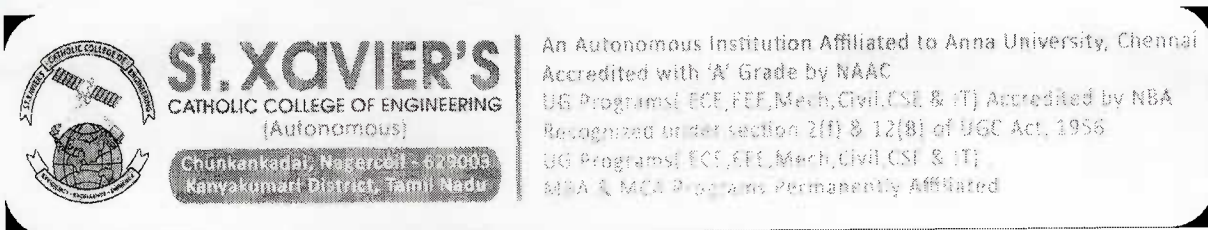
| Sl. No | Ex- Officio members      |                                                                                             | Signature                                                                                      |
|--------|--------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 1.     | Dr. J. Maheswaran        | Principal,<br>St. Xavier's Catholic College of<br>Engineering, Chunkankadai                 | <br>19/5/26 |
| 2.     | Dr. P. Anto Kumar        | Dean- Academics,<br>St. Xavier's Catholic College of<br>Engineering, Chunkankadai           | <br>19/5/26 |
| 3.     | Dr. C Seldev Christopher | Associate Dean- Academics,<br>St. Xavier's Catholic College of<br>Engineering, Chunkankadai |             |

**Internal members present**

| Sl. No | Name of the member    | Designation      | Signature                                                                                        |
|--------|-----------------------|------------------|--------------------------------------------------------------------------------------------------|
| 1.     | Dr. J. Jerlin Regin   | Prof. & HOD / CE |               |
| 2.     | Dr. I. Jessy Mol      | Asso. Prof. / CE |               |
| 3.     | Ms. S. Shiela Balanta | Asst. Prof. / CE |              |
| 4.     | Dr. P. Antony Vimal   | Asst. Prof. / CE | <br>19/5/26 |
| 5.     | Mr. M. Galesh         | Asst. Prof. / CE |             |
| 6.     | Mr. M. Inigo Valan    | Asst. Prof. / CE |             |
| 7.     | Dr. S. Frank Stephen  | Asst. Prof. / CE |             |
| 8.     | Mr. J. Jeya Suren Raj | Asst. Prof. / CE |             |
| 9.     | Mr. F. John Paul      | Asst. Prof. / CE |             |
| 10.    | Ms. L. Porcia         | Asst. Prof. / CE |             |
| 11.    | Ms. D. Smiline Shiny  | Asst. Prof. / CE |             |
| 12.    | Ms. Flora Dani C M    | Asst. Prof. / CE |             |
| 13.    | Ms. Sumithra Jaya R   | Asst. Prof. / CE |             |

Dr. V. Christos Jeyaraj Vice-Principal

  
19/5/26



## DEPARTMENT OF CIVIL ENGINEERING

### BOARD OF STUDIES MEETING -08

**Dated:** 19-05-2026

**Time:** 10.00 AM to 12.15 PM

**Venue:** Hybrid Mode (Board Room)

**Members Present:** Enclosed

#### Minutes of Meeting

The 8<sup>th</sup> meeting of the Board of Studies started with a prayer and welcome address.

#### 08.01. Confirmation of seventh BoS meeting minutes held on 05/12/2025 and Decision/Action Taken report.

The HOD presented the minutes of the previous meeting and the action taken report. The BOS members gave the following remarks.

| Suggestions                                                                                                      | Action taken                                                                          | Remarks                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>B.E. Civil Engineering</b>                                                                                    |                                                                                       |                                                                                                          |
| The title of the course Engineering Fluid Mechanics shall be renamed as Fluid Mechanics.                         | The title has been changed                                                            | Confirmed in the BOS meeting.                                                                            |
| The course Concrete Technology shall be moved to higher semester.                                                | Updated in 4 <sup>th</sup> semester                                                   | Confirmed in the BOS meeting.                                                                            |
| In the course Sustainable Building Materials and Practice, experiments 3 and 4 shall be added to Soil Mechanics. | This course belongs to 4 <sup>th</sup> semester and Will be presented in the next BOS | Confirmed in the BOS meeting.                                                                            |
| The credits for the course Sustainable Environmental Engineering shall be increased to 4.                        | Credit changed                                                                        | Member suggested to divide the course Sustainable Environmental Engineering into two separate courses as |

|                                                                                                     |                                  |                                                                                                                         |
|-----------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|                                                                                                     |                                  | <b>Sustainable Water Supply Engineering, Wastewater Engineering</b> with each carrying <b>3 credits</b> .               |
| For Project Work, credits shall be increased.                                                       | Credit has been increased to 10  | It is suggested to change the credit to 8 as it exceeds the total credit of the programme suggested by Anna university. |
| The name of the course Structural Design and Drafting Lab shall be changed as Design Studio.        | The course name has been changed | Confirmed in the BOS meeting.                                                                                           |
| For the course Fundamentals in Civil Engineering, 5 units shall be named with five specialisations. | Changed                          | Confirmed in the BOS meeting.                                                                                           |
| <b>M.E. Structural Engineering</b>                                                                  |                                  |                                                                                                                         |
| Stability of Structures shall be made as a core course.                                             | Updated in first semester        | Confirmed in the BOS meeting.                                                                                           |
| Latest codes shall be incorporated in the design courses.                                           | Latest codes are included        | Confirmed in the BOS meeting.                                                                                           |
| Books / study materials of both Indian and Foreign authors shall be included in the references.     | Updated                          | Confirmed in the BOS meeting.                                                                                           |

**08.02. Confirmation of seventh Academic Council meeting minutes held on 30/01/2026 and Decision/Action Taken report.**

| <b>Suggestions</b>                                                                                                                                                            | <b>Action taken</b>                                                                                  | <b>Remarks</b>                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>M.E. Structural Engineering</b>                                                                                                                                            |                                                                                                      |                               |
| It is recommended to retain any one of the following subjects instead of offering both:<br>1) Structural Health Monitoring<br>2) Maintenance and Rehabilitation of Structures | Structural Health Monitoring is retained in the PEC-IV                                               | Confirmed in the BOS meeting. |
| The following courses may be considered for removal:<br>1) Prestressed Concrete Structures<br>2) Design of Masonry Structures                                                 | Prestressed Concrete Structures is added as core course and Design of Masonry Structures is removed. | Confirmed in the BOS meeting. |
| The following new courses may be introduced:<br>1) Design of Formwork<br>2) Industrial Safety                                                                                 | Safety in construction is included in PEC-I and Design of Pre-Engineered Building is                 | Confirmed in the BOS meeting. |

|                                      |                       |  |
|--------------------------------------|-----------------------|--|
| 3) Design of Pre-Engineered Building | introduced in PEC-III |  |
|--------------------------------------|-----------------------|--|

**08.03. Presentation of the proposed curriculum and getting recommendation for approval for the first and second semester detailed draft syllabi of UG and PG Programme for regulation 2026.**

#### **UG Programme:**

- In the Subject CE26201, Basic Civil and Mechanical Engineering the experts suggested to reduce the topics and reframe the activity in unit 4.
- It was proposed that a separate vertical for **Transportation Engineering** could be introduced in PEC.
- In the Open Elective subject **CE26784 Air Pollution and Control Engineering**, a few topics were suggested for removal to optimize the syllabus content.
- The subject title **CE26H12 3D Printing and its Application** was recommended to be changed to **3D Printing and its Application in Civil Engineering**, and its syllabus contents were discussed in consultation with the Mechanical Engineering and ECE departments.

#### **PG Programme:**

- The subject **SE26205 Structural Design Laboratory** was recommended to be renamed as Structural **Design Studio** and the syllabus should clearly specify that the project work may be on **steel structures / concrete structures**.
- For the course **SE26111 Advanced Concrete Technology**, the activities were suggested to be reframed. It was additionally recommended that assignments should not be included under the activity section.
- During the discussion on the subject **SE26112 Prefabricated Structures**, it was suggested that the topics should be revised and organized more specifically.
- Similarly, in the subject **SE26113 Safety in Construction**, assignments should not be included under activities. It was also recommended that topics related to **environmental hazards** and **flood-related hazards** be included.



- For the course **SE26114 Design of Steel Concrete Composite Structures**, the members recommended that detailed subtopics should be included under each unit for better clarity and content organization. Also suggested to change the topic of unit 5 and reframe the activity in the unit.

#### 08.04. Credit Transfer

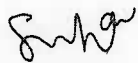
| Sl. No | Roll No | Register No  | Name       | Course Title              | Score | Duration | Credit | Month and Year of Exam | Registered against Elective           |
|--------|---------|--------------|------------|---------------------------|-------|----------|--------|------------------------|---------------------------------------|
| 1      | 402310  | 962223103010 | ATHISH S J | Air Pollution and Control | 53    | 12 weeks | 3      | May 2026               | CE22755 Ground Improvement Techniques |

The members approved the credit transfer.

#### 08.05. Other matters if any.

- The members also discussed the structure of minor degree programmes, that minor degree courses should be grouped within a specific domain or specialization area.
- The **Credit Transfer Method** was also discussed during the meeting, and the experts suggested that the process should be digitalized for easier implementation and monitoring.

Finally, the Principal thanked all the members, experts, university nominee, and faculty members for their valuable suggestions, active participation, and constructive discussions throughout the meeting. The meeting concluded with a note of gratitude to everyone for their contribution towards strengthening and improving the curriculum structure and syllabus framework.



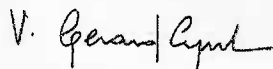
Dr. S. Mariraj Mohan  
(Anna University Nominee)



Dr. Gangolu Appa Rao  
(Academic Expert)



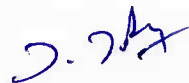
Dr. N. Anand  
(Academic Expert)



Mr. Marie Gerard Cyril Perera  
(Industry Expert)



Er. Raj Bhagat Palanichamy  
(Aluminous)



Dr. J. Jerlin Regin  
(HOD/ Civil)

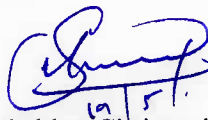


Dr. R. P. Anto Kumar  
(Dean Academics)

Prof. Dr. R. P. ANTO KUMAR, M.E., Ph.D.,  
Dean (Academics)

Member Secretary (Academic Council)

St. Xavier's College, Palayamkottai  
Chenkunkadai, Nagercoil - 629 003.



Dr. C. Seldev Christopher  
(Associate Dean Academics)



Dr. J. Maheswaran  
(Principal)

**External Members present:**

| S. No | Name, Designation                                                                                                                                  | Category                       |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 1     | <b>Dr. S. Mariraj Mohan</b><br>Associate Professor<br>Department of Civil Engineering<br>Government College of Engineering, Tirunelveli            | <b>Anna University Nominee</b> |
| 2     | <b>Dr. Gangolu Appa Rao (Online)</b><br>Professor<br>Department of Civil Engineering<br>Indian Institute of Technology Madras                      | <b>Subject Expert</b>          |
| 3     | <b>Dr. N. Anand</b><br>Associate Professor & Head<br>Department of Civil Engineering<br>Karunya Institute of Technology and Sciences<br>Coimbatore | <b>Subject Expert</b>          |
| 4     | <b>Mr. Marie Gerard Cyril Perera</b><br>Manager, Outsourcing Department<br>Bharat Heavy Electricals Limited<br>Tiruchirappalli                     | <b>Industry Expert</b>         |

**Internal Members Present:**

| S. No | Name of the Member   | Designation       |
|-------|----------------------|-------------------|
| 1     | Dr. J. Jerlin Regin  | Head/ CE          |
| 2     | Dr.I. Jessy Mol      | Associate Prof/CE |
| 3     | Ms. S. ShielaBalanta | Asst. Prof/CE     |
| 4     | Dr. P. Antony Vimal  | Asst. Prof/CE     |
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**Ex-Officio members present:**

| S. No | EX OFFICIO MEMBERS           |                                                                                             |
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| 2.    | Dr. R. P. Anto Kumar         | Dean-Academics,<br>St. Xavier's Catholic College of<br>Engineering, Chunkankadai.           |
| 3.    | Dr. C. Seldev<br>Christopher | Associate Dean-Academics,<br>St. Xavier's Catholic College of<br>Engineering, Chunkankadai. |