

St. Xavier's Catholic College of Engineering, Chunkankadai- 629 003

(An Autonomous Institution - Affiliated to Anna University, Chennai)

www.sxcce.edu.in

Faculty of Civil Engineering

1st Board of Studies Meeting

Mode : Offline
Date & Time : 11th November 2022 at 11.00 a.m. - 01.30 p.m.
Venue : Civil Computer lab

AGENDA

- Prayer
- Welcome Address
- Introductory talk
- Presentation of Draft Curriculum and Draft Syllabus of UG & PG
 - HOD – Civil
 - PG Coordinator - Civil
- Discussion

Members Present: enclosed

MINUTES OF THE MEETING

Board of Studies Meeting started with a silent prayer. Ms. S Shiela Balanta, member, Board of Studies of Civil Engineering welcomed and introduced the members of 1st Board of Studies. The principal, Dr. J Maheswaran gave an introductory talk about the experts in the panel and shared the journey of our college in the past 25 years with NAAC and NBA accreditation, towards achievement of autonomous status in the silver jubilee year. He introduced the faculty of the department and also shared the preparation made in prior in framing the regulation, syllabus and curriculum under the subcommittees. With the introduction, the chairman was asked to present the curriculum.

The chairmen started presenting the UG curriculum which began with the introduction of syllabus, included the subject names, its codes, lecture hours and credit distribution allotted for subjects of all semester. The PG Curriculum was presented by Dr. J Jerlin Regin, PG Coordinator which includes PO's, PEO's, PSO's, curriculum, subject codes and the detailed syllabus with the credit distribution detail and lecture hours allotted.

The BOS members gave the following suggestions

UG

- Engineering Mechanics not included in syllabus that can be added.
- For the subjects SOM, Structural Analysis and other Analytical subjects, tutorial hours can be added.
- Higher Order Thinking can be changed as Critical Thinking.
- The way of drafting for Engineering Graphics was discussed and it was informed that manual drafting was preferred in the industry.

- In vertical 4, Finite element Analysis with SAP in addition to matrix method can be added.
- Vertical 2 subjects, Geo Environmental Engineering can be renamed as Environmental Geotechniques.
- Audit courses, Yoga and Stress Management can be added.
- Assessment procedure of lab cum theory courses was discussed.
- The faculty handling Universal Human Values should complete the course in swayam/NPTEL platform, both phase 1 and 2.
- In addition to coding skills, can have civil based softwares.
- Railways, Airport and Docks can be avoided as a single subject.
- Subjects like Total Station can be added with 1 credit.
- Steps followed in Framing PEO were discussed.
- Suggested to gather feedback for PEO's and Syllabus from the stakeholders.
- Spreadsheets can be added in addition to coding skills.
- GIS software can be added as a value added course.
- For every subject, 2 textbooks and 5 references can be provided with the latest edition.
- Standard Author books and books written by our own faculty can be mentioned.
- Spelling mistakes and uniformity in the syllabus has to be checked.
- Civil Engineering applications can be included in the Numerical methods subject.
- For practical courses, the tests can be specified. Number of Experiments also should be limited as 6 for 1 credit and 12 for 2 credit subjects.
- Experiment should be added in syllabus only for which equipment are available in the concerned lab.
- Earning BIM certificates can be encouraged, since that helps in career.

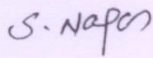
PG

- In addition to ANSYS, Finite element Analysis subject can include ABACUS software which is similar to ANSYS but easy to work with.
- Softwares like MATLAB can be added in tools for Research.
- Project Work I, II can be renamed as Project Phase I and Project Phase II.
- Project works can be permitted to be done in any reputed companies like L&T, SERC and other research centre and reputed industry.
- For Audit course, Nattamizh Ilakiyam faculty expert should be equipped.
- For the subject FEM, reference book C S Krishnamurthy can be added.
- Uniformity in reference and latest edition can be preferred.
- The syllabus of Advanced concrete Technology and Prestressed Concrete can be verified with UG syllabus.
- In the subject, Optimization of Structures only the fifth unit matches, that has to be refined.
- Forensic Engineering subject can be added.
- Subject title Digital Design and Construction can be renamed as Digital Construction.
- Mathematics in first semester can be refined as related to Civil Engineering. Taguchi's method can be added.
- Contract Laws and Regulations subject can be updated with case studies.

Other suggestions given by the BoS members

- Uniformity in syllabus should be maintained.
- Staff members of H&S can sit combined with Civil Engineering department to update the mathematics syllabus with Civil Engineering applications.

With great gentleness and warmth, Dr. P Antony Vimal, member, Board of Studies of Civil Engineering, shared the vote of thanks, and the meeting terminated by 01:30 pm.



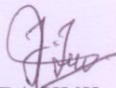
Dr. S. Nagan
(Anna University Nominee)



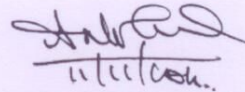
Dr. G. Prince Arulraj
(Academic Expert)



Ms. T. PremaLatha
(Industry Expert)



HOD/ CIVIL
(Dr. I. Jessy Mol)



ACADEMIC DEAN
(Dr. R.P. Anto Kumar)



PRINCIPAL
(Dr. J. Maheswaran)

External Members present:

S. No	Members as per UGC Norms	Members Nominated
1	One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal	Dr. S. Nagan Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai.
2	One of the experts in the subject from outside the college nominated by the Academic Council	Dr.G. Prince Arulraj, Professor& Dean E&T, Department of Civil Engineering, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India.
3	One representative from industry/corporate sector/allied area relating to placement	Ms. T. PremaLatha, Manager, Structural, Kavin Engineering and services Private Ltd, Coimbatore, Tamil Nadu, India.

Internal Members Present:

S. No	Name of the Member	Designation
1	Head of the Department concerned (Chairman)	Dr. I. Jessy Mol Head, CE
2	Dr. J. Jerlin Regin	Asso. Prof/CE
3	Ms. S. Shiela Balanta	Asst. Prof/CE
4	Dr. P. Antony Vimal	Asst. Prof/CE
5	Mr. M. Galesh	Asst. Prof./CE
6	Dr. S. Frank Stephen	Asst. Prof/CE
7	Mr. M. Inigo Valan	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. R. Sumithra Jaya	Asst. Prof/CE
14	Dr. D. Mary Metalin	Asso. Prof/H&S

Ex-Officio members present:

S. No	EX OFFICIO MEMBERS	
1	Dr.J. Maheswaran	Principal, St. Xavier's Catholic College of Engineering, Chunkankadai.
2	Dr. R. P. Anto Kumar, Asso.Prof, CSE Dept	Dean Academics, St. Xavier's Catholic College of Engineering, Chunkankadai.

Members Absent:

S. No	Members as per UGC Norms	Members Nominated	Reason
1	One of the experts in the subject from outside the college nominated by the Academic Council	Dr. S.T. Ramesh , Professor, Department of Civil Engineering, NIT, Trichy.	On Admission work.
2	One Post Graduate meritorious aluminous nominated by the Principal	Dr. C. Shermi Scientist, Environment Technology Division, CSIR-Government of India, Trivandrum, Kerala.	Unexpected expiry of her father.
3	Member	Ms. D. M. Jerlin, Asst. Prof/CE	Wedding of sister.







St. XAVIER'S
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Chunkankadal, Kanyakumari District, Tamil Nadu

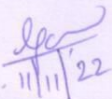
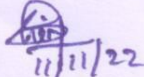
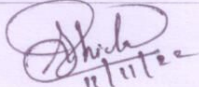
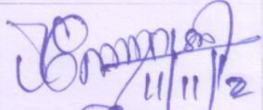
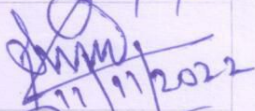
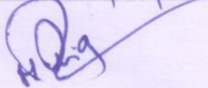
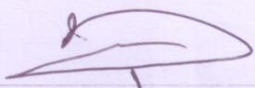
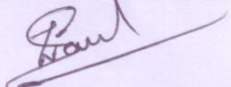
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All UG Programs Accredited by NBA
Recognized under section 2(f) & 12(B) of UGC Act, 1956
All UG, MBA & MCA Programs Permanently Affiliated

DEPARTMENT OF CIVIL ENGINEERING
BOARD OF STUDIES MEETING ATTENDANCE

Venue: Civil Computer Lab

Date: 11-11-2022

SL. NO	NAME	ADDRESS	BOS DESIGNATION	SIGNATURE
1.	Dr. S Nagan Professor	Department of civil Engineering, Thiagarajar College of Engineering, Madurai.	University nominee for Board of Studies	S. Nagan 11/11/2022
2.	Dr. G Prince Arulraj Professor & Dean	Department of civil Engineering, Karunya Institute of Technology and Science, Coimbatore.	Expert in the subject from outside the college	G. P. - 2
3.	Ms. T Premalatha Manager	Kavin Engineering and Services private limited	Representative from Industry.	
4.	Dr. J. Maheshwar PRINCIPAL	St. Xavier's Catholic College of Engg	special invitee	St. Xavier's 11/11/22
5.	Dr. R. P. Anand Kumar Dean - Academics	St. Xavier's Catholic College of Engg	special invitee	Dr. R. P. Anand Kumar 11/11/22
6.	Dr. I. Jessy Mary HOD (Civ)	St. Xavier's Catholic College of Engg	Chairman	Dr. I. Jessy Mary 11/11/22
7.	Dr. J. Jerlin Regin Asso. Prof (Civ)	St. Xavier's Catholic College of Engg	Member	Dr. J. Jerlin 11/11/22
8.	Dr. G. Mary Mathew Asso. Prof Dept of Maths	Asso. Prof. St. Xavier's Catholic College of Engg	Repr. Ann Mathematics	Dr. G. Mary Mathew 11/11/22
9.	Dr. P. Antony Vimal A.P. Civil Dept	A.P. SXCCE	Member	Dr. P. Antony Vimal 11/11/22
10.	M. Ganesan	A.P. CIVIL SXCCE	Member	M. Ganesan 11/11/22

11	J. Jeya Sure n Raj	AP/civil SXCEE	member	 11/11/22
12	L. Porcia/ AP	Civil Dept. SXCEE	Member	 11/11/22
13	D. Smiline Shiny/AP	Civil Department SXCEE	member	 11/11/22
14	S. Shiela Balanta/AP	Civil Dept SXCEE	member	 11/11/22
15	Flora Danic M AP	AP/civil SXCEE	member	 11/11/22
16	R. Sumithra Raj AP	Civil, SXCEE	member	 11/11/2022
17	M. INDAO VALAN/AP	AP/civil SXCEE	Member	 11/11/22
18	John Paul F	A.P./civil SXCEE	Member	 11/11/22
19	Frank Stephens	A.P./civil SXCEE	Member	 11/11/22
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