



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, Civil, 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, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

**Faculty of Computer Science & Engineering and Information Technology
(CSE, IT, AI&DS& MCA)**

VIII Board of Studies Meeting

Department of Computer Science and Engineering

Venue: Einstein Seminar Hall

Minutes of the Meeting

Date: 12-05-2026

Time: 10:30 AM to 1.30 PM

Agenda

Prayer

Welcome Address

08.01. Confirmation of the Seventh BoS meeting minutes held on 12-12-2025 and Decision/Action Taken report.

08.02. Discussion on the Suggestions / Recommendations offered by the members in the VII Academic Council meeting and Governing body meeting.

08.03. To consider and approve the Curriculum of UG and PG Programmes and the Syllabus of First year of UG and PG Programmes for regulation 2026 forwarded by the HoD.

08.04. Getting recommendation for approval of Credit transfer.

08.05. Other matters if any.

Vote of Thanks

The Eighth Board of Studies Meeting of the Faculty of Computer Science and Engineering and Information Technology commenced with a prayer offered by Dr. A. Anisha, Assistant Professor, Department of Computer Science and Engineering. Dr. T.S. Sheela Shiney, Assistant Professor, Department of Computer Science and Engineering, extended a warm welcome to the gathering.

The minutes of the Seventh Board of Studies Meeting and the Academic Council Meeting, along with the Action Taken Report, were presented by Dr. A. Bamila Virgin Louis, Head, Department of CSE.

08.01. Confirmation of Seventh BoS meeting minutes held on 12-12-2025 and presentation of the Decision/Action taken report.

Sl No	Suggestions / Recommendations of VII BOS meeting	Action taken	Remarks
1.	The subject titled "Data Structures using Java" shall be renamed as "Data Structures".	Incorporated in the syllabus	Confirmed in the BoS meeting
2.	The course titled "Cryptography and Network Security" shall be rephrased as "Network and Information Security".	Incorporated in the syllabus	Confirmed in the BoS meeting
3.	Avoid the term "Introduction" as a topic in all the courses.	Incorporated in the syllabus	Confirmed in the BoS meeting
4.	Prescribed textbooks shall be updated to the latest editions.	Incorporated as per the availability of latest editions	Confirmed in the BoS meeting
5.	The Internship component shall be enhanced to include provisions for publications and patent (IPR) details undertaken or achieved post-internship.	Will be followed in new regulation	Confirmed in the BoS meeting
6.	In the Problem-Solving using C Programming course syllabus: Unit 3 title shall be renamed to Functions and Strings	Incorporated in the syllabus	Confirmed in the BoS meeting
7.	In the Java Programming syllabus: a. The first and second course objectives shall be interchanged. b. The topic "Overview of Java" shall be suitably replaced. c. Unit 2 title "Object Oriented Programming Concepts" shall be suitably renamed. d. The topic "Classes and Objects" shall be positioned before Constructors in the syllabus sequence.	Incorporated in the syllabus	Confirmed in the BoS meeting
8.	In the Java Programming Laboratory syllabus: a. The experiment titled "Mini Project" shall be replaced with "Case Study"	Incorporated in the syllabus	Confirmed in the BoS meeting
9.	For PG courses, the term "Advanced" shall be rephrased using a more appropriate academic term for the suitable subjects.	Incorporated appropriately	Confirmed in the BoS meeting

08.02. Discussion on the Suggestions / Recommendations offered by the members in the sixth Academic Council meeting.

Sl No	Suggestions / Recommendations of VII Academic Council meeting	Action taken	Recommendations/ Remarks of VII BOS meeting
1.	For Computer Science-related programmes, topics such as IT Infrastructure Services, basic AI tools, Prompt Engineering, Robotic Process Automation (RPA), low-code/no-code platforms, software testing, and automated testing may be included.	IT Infrastructure, Generative AI and Prompt Engineering, Software Testing and Automation subjects were included in the professional elective courses.	Confirmed in the BoS meeting

08.03. To consider and approve the Curriculum of UG and PG Programmes and the Syllabus of First year of UG and PG Programmes for regulation 2026 forwarded by the HoD.

The Board of Studies discussed and unanimously resolved the following modifications and updates to the syllabus and course structure:

UG Courses:

1. Vertical 4 shall be renamed as "Network Security".
2. The course "Problem Solving using C programming" shall be renamed as "Problem Solving using C".
3. It was suggested to provide students with more choices for opting Honours courses.
4. In the course "Problem Solving using C":
 - a. The title of Unit 1 shall be changed to "Problem Solving Techniques and Basics of C".
 - b. In Unit 2, the topic "Conditional Branching Statements" shall be changed to "Conditional Statements".
 - c. In Unit 3, the topic "Function definition" shall be changed to "Definition".
 - d. In Unit 4, the individual matrix operations shall be removed from the syllabus and the unit shall be rewritten accordingly.

PG Courses:

1. The title of Unit 2 in the course "Advanced Data Structures and Algorithms" shall be renamed.
2. In the course "Network Technologies":
 - a. The topic "QoS" in Unit 2 shall be moved to the end of the unit.
 - b. The contents of Unit 4 shall be reduced and streamlined.
3. In the course "Cloud Computing Technologies", all security-related topics in Unit 4 shall be regrouped and positioned before the Identity and Access Management (IAM) topics.
4. In the course "Multicore Architecture and Programming", all Course Outcomes (COs) shall be revised to align with the Apply level of Bloom's Taxonomy.
5. The contents of Units 1, 2, and 4 in the course "Artificial Intelligence Systems and Applications" shall be restructured.
6. In the course "Cyber Security and Ethical Hacking", the title of Unit 4 shall be changed to "Cyber Security Management".
7. In the course "Data Visualization Techniques", the contents of Units 3 and 4 shall be restructured and suitable visualization tools shall be included wherever applicable.

8. In the course "Human Computer Interaction":
 - a. The reference books shall be reviewed and updated.
 - b. Relevant tools shall be included in Unit 5.

After offering the above suggestions and recommendations, the Board of Studies (BoS) recommended the curriculum and detailed syllabi of First year of UG and PG Programmes under regulation 2026.

08.04. Getting recommendation for approval of Credit transfer.

The following number of students has successfully completed NPTEL courses and is eligible for credit transfer.

CREDIT TRANSFER - NPTEL COURSES

II YEAR ME CSE

S.NO	NPTEL COURSES DONE	CREDIT	COURSE TO BE DROPPED	CREDIT	NO. OF STUDENTS ELIGIBLE FOR CREDIT TRANSFER
1	Data Analytics with Python	4	CP22344-Data Visualization Techniques	3	7
2	Artificial Intelligence for Management	4	CP22351:Agile Methodologies	3	7

III YEAR BE CSE

S.NO	NPTEL COURSES DONE	CREDIT	COURSE TO BE DROPPED	CREDIT	NO. OF STUDENTS ELIGIBLE FOR CREDIT TRANSFER
1.	Introduction to IOT	4	CS22612-Exploratory Data Analysis	4	10
			CE22781 - Environment and Agriculture	3	1
			CS22651 - Software Testing and Automation	3	6
			CS22541 - PHP Programming	3	14
			CE22784 -	3	23

			Air Pollution and Control Engineering		
2.	Cloud Computing	4	CS22612- Exploratory Data Analysis	4	4
			CE22784-Air Pollution & Control Engineering	4	2
			CE22781 - Environment and Agriculture	3	12
			CS22651 - Software Testing and Automation	3	6
			CS22541 - PHP Programming	3	4
3.	Data Analytics with Python	4	CE22784-Air Pollution & Control Engineering	4	1
4.	Artificial intelligence : Knowledge representation and reasoning	4	CE22784-Air Pollution & Control Engineering	3	1
5	Cryptography and Network Security	4	CE22781 - Environment and Agriculture	3	2

II YEAR BE CSE

S. NO	NPTEL COURSES DONE	CREDIT	COURSE TO BE DROPPED	CREDIT	NO OF STUDENTS OPTED THE CREDIT TRANSFER
1	Internet Crimes and Cyber Security	3	CS22532 - Cyber Security	3	2
2	Introduction to IOT	4	CS22532 - Cyber Security	3	10

3	Artificial Intelligence for Management	4	CS22532 - Cyber Security	3	1
4	Machine Learning for Engineering and Science Applications	4	CS22641 -UI/UX Design	3	1

08.05. Other matters if any.

No other common discussions

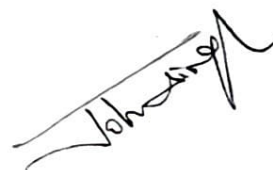
The meeting concluded with a unanimous acknowledgment of the efforts and contributions of all members. Dr. J. Maheswaran, Principal, delivered the vote of thanks, and the meeting concluded at 1:30 PM.



Dr. E. Siva Sankari
(Anna University Nominee)



Dr. S. Domnic
(Academic Expert)



Dr. K. John Singh
(Academic Expert)



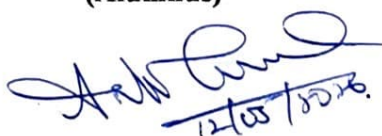
Er. Sivathanu Pillai S
(Industry Expert)



Er. Raguvaran J
(Alumnus)



Dr. A. Bamila Virgin Louis
HoD/CSE



Dr. R.P. Anto Kumar
Dean - Academics



Dr. J. Maheswaran
Principal



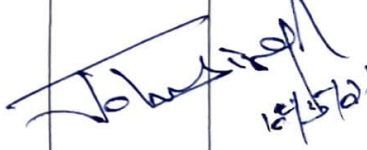
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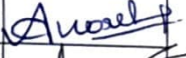
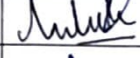
Faculty of Computer Science & Engineering VIII BoS meeting Attendance Sheet

External Members present:

S. No	Members as per UGC Norms	Members Nominated	Signature
1	Head of the Department concerned (Chairman)	Dr. A. Bamila Virgin Louis Head, CSE department	
2	One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal	Dr. E. Siva Sankari Associate Professor Department of Computer Science and Engineering Government College of Engineering Tirunelveli.	
3	Two experts in the subject from outside the college nominated by the Academic Council	Dr. S. Domnic Professor Department of Computer Applications National Institute of Technology Tiruchirappalli.	
		Dr. K. John Singh Professor School of Computer Science Engineering & Information Systems Vellore Institute of Technology Vellore.	
4	One representative from industry/corporate sector/allied area relating to placement	Er. Sivathanu Pillai S Software Architect UST, Techopark Trivandrum.	
5	One Post Graduate meritorious alumnus nominated by the Principal	Mr. Raguvaran J Associate Manager Accenture Chennai.	

Internal Members Present:

S. No	Name of the Member	Designation	Signature
1.	Dr. J. Maheswaran	Principal	
2.	Dr. R. P. Anto Kumar	Dean (Academics)	

3.	Dr. C. SELDEV CHRISTOPHER	Pr. f / CSE	
4.	Dr. P. R. Sheeba Rami	AP / CSE	
5.	M. C. Sheeba	AP / CSE	
6.	J. S. Simi Male	AP / CSE	
7.	J. Jencenwin	AP / CSE	
8.	Dr. G. Johnny	AP / CSE	
9.	Dr. SOBINI x PUSHPA	AP / CSE	
10.	S. L. SONIYA	AP / CSE	
11.	Dr. S. S. Sheriba	AP / CSE	
12.	A. Anorelin	AP / CSE	
13.	JANISHA. A	AP / CSE	
14.	P. Ajitha	AP / CSE	
15.	R. Bencitca	AP / CSE, TPC	
16.	T. ABISTHA	AP / CSE, TPC	
17.	Dr. G. S. (Shoba) Ghency	AP / CSE	
18.	Dr. A. Subitha	ASSO. Prof / CSE	
19.	Dr. A. ANISHA	AP / CSE	
20.	L. G. X. Agnel Livingston	AP / CSE	
21.	En. A. JOHN PIMO	AP / CSE	
22.	G. Newman Bright	AP / CSE	
23.	P. J. MERBIN JOSE	AP / CSE	
24.	N. AJIN	AP / CSE	
25.	Dr. J. BRIGHT JOSE	AP / CSE	
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12/05/2026



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Faculty of Computer Science and Engineering and Information Technology

VIII Board of Studies Meeting

Department of Information Technology

Date: 12-05-2026

Time: 10:30 AM to 12:15 PM

Venue: Einstein Seminar Hall

Minutes of Meeting

Agenda:

- Prayer
- Welcome Address

08.01 Confirmation of the Seventh BoS meeting minutes held on 12.12.2025 and Decision/Action Taken report.

08.02 Discussion on the Suggestions / Recommendations offered by the members in the Seventh Academic Council meeting.

08.03 Presentation of the proposed curriculum and syllabi and getting recommendations for approval for the Draft Curriculum and Syllabi of Semester I and II UG Programme for Regulation 2026.

08.04 Other matters, if any.

- Vote of Thanks

The eighth Board of Studies (BoS) meeting of the Faculty of Information Technology commenced with a prayer offered by Dr. A. Anisha, Assistant Professor, Department of Computer Science and Engineering, Dr. T. S. Sheela Shiny, Assistant Professor, Department of Computer Science and Engineering extended a warm welcome to the gathering.

Dr. Suja A. Alex, Associate Professor and Head of the Department of Information Technology, has presented the R-2026 curriculum, including Open Elective courses, Honours Degree courses, Minor Degree courses, and Vertical courses, and syllabi for Semester I (Information Technology Fundamentals) and Semester II (Object Oriented Programming Techniques), under R-2026, before the BoS members. The members suggested the following modifications and recommendations:

08.01. Confirmation of the Seventh BoS meeting minutes held on 12.12.2025 and Decision/Action Taken report.

Suggestions from VII th BoS Meeting	Action Taken	Remarks
Include the topic JFrameworks topic in the course "Java Programming".	It is included in the course "Java Programming".	Confirmed in the BoS Meeting.
Change the course name from "Web Essentials" to "Web Technology".	The course name has been changed from "Web Essentials" to "Web Technology" in 4th semester.	Confirmed in the BoS Meeting.
Finalize the list of Industry Collaborated Courses.	The list of Industry Collaborated Courses will be finalized when framing syllabi for 5th and 6th semesters.	Confirmed in the BoS Meeting.
Change the course name from "Cryptography and Network Security" to "Networks and Information Security" or any relevant one.	The course name has been changed to "Networks and Information Security".	Confirmed in the BoS Meeting.
Vertical need to be reduced from 6 to 5.	The 6 verticals are reduced into 5 verticals.	Confirmed in the BoS Meeting.
Change the vertical topic: Media Processing into "Multimedia Processing" and verticals names suggested	The vertical names are renamed accordingly.	Confirmed in the BoS Meeting.
Subject - IT Primers - Semester I: Consider the language python for this subject for learning practical contents, so the basics of python can be learnt.	Course name changed as "Information Technology Fundamentals". Language restriction removed.	Confirmed in the BoS Meeting.
Subject - IT Primers - Semester I: Remove the topic arrays and functions as it is being taught in Problem Solving using C Programming in Sem I and this subject is Python specific.	Topics "array and functions" removed in the revised syllabus.	Confirmed in the BoS Meeting.

Subject - IT Primers - Semester I: Remove the specification of C language from the syllabus.	Language barrier was removed for doing the program.	Confirmed in the BoS Meeting.
Subject - IT Primers - Semester I: Include the basic concepts in OS in Unit II.	Basic concepts of OS added.	Confirmed in the BoS Meeting.
Subject - IT Primers - Semester I: Reduce the contents in Unit V - remove topics "Raster and Vector Graphics".	Topic "Raster and vector graphics" removed from unit V.	Confirmed in the BoS Meeting.
Subject - IT Primers - Semester I: Include basic system software concepts like linker, loader, assembler, compiler, interpreter.	The following topic has been included in the syllabus. Types of Software: Application Software and System Software (it includes linker, loader, assembler, interpreter).	Confirmed in the BoS Meeting.
Subject - IT Primers - Semester I: Change practical 7 from "Image editing project" to "Image editing Exercises".	Practical exercise No – 7 has been changed from "Image editing project" to "image editing".	Confirmed in the BoS Meeting.
Subject - Object Oriented Programming using C++: Recommended not to specify OOPs using C++	The course name has been changed to "Object Oriented Programming Techniques".	Confirmed in the BoS Meeting.
Subject - Object Oriented Programming using C++: Change Unit II title from "CLASSES and Objects, Constructors and Destructors" to "Classes and Objects".	Unit II title changed to "Classes and Objects".	Confirmed in the BoS Meeting.
Subject - Object Oriented Programming using C++: Change the content of Unit III and Unit IV and make the following changes: Unit III should include the contents of Polymorphism and Inheritance and name it as "Polymorphism and Inheritance." Unit IV should be changed from "Polymorphism, I/O Operations and	Unit III is named as "Polymorphism and Inheritance" from "Polymorphism, I/O Operations and File Handling" and topics were change between unit III and Unit IV accordingly.	Confirmed in the BoS Meeting.

File Handling" to " IO Operations and File Handling" with needed topics.		
Unit V topic is to be changed from "Template, Exception handling and STL" to " Exception Handling, Template and STL".	Unit V has been renamed as "Exception Handling, Template and Standard Template Library".	Confirmed in the BoS Meeting.
Subject - Object Oriented Programming using C++: Include the book "Programming with C++", D Ravichandran, Tata McGraw-Hill, 2017 or any latest edition if available.	Object Oriented Programming using C++ by D Ravichandran was 2017 edition. No recent edition available and not recommended.	Confirmed in the BoS Meeting.

08.02 Discussion on the Suggestions / Recommendations offered by the members in the Seventh Academic Council meeting.

Suggestions from Academic Council members	Action Taken
For Computer Science–related programmes, topics such as IT Infrastructure Services, basic AI tools, Prompt Engineering, Robotic Process Automation (RPA), low-code/no-code platforms, software testing, and automated testing may be included	The 5 verticals are revised into Cyber Security, Computing Technologies, Multimedia & Experience Engineering, Emerging Technologies, and Next Gen AI. The courses, such as Cloud computing and IT Infrastructure Management, Software Testing and Quality Automation, AI Foundations and Intelligent Systems, Prompt Engineering and AI Interaction Design, and Low-code AI Application Development have been included under respective verticals.

08.03 Presentation of the proposed curriculum and syllabi and getting recommendations for approval for the Draft Curriculum and Syllabi of Semester I and II UG Programme for Regulation 2026.

- **Semester I:** For the course "Information Technology Fundamentals", it was suggested to include the topic "History of Programming Languages" in Unit III after the topic "Network Basics".
- **Semester II:** For the course "Object Oriented Programming Techniques" include the topic "Pointers".

- **For an honor degree,**
 - It was suggested to offer four courses in each of Semester V, VI, and VII so that students can select two courses from the available options.
 - The following changes in course titles were recommended:
 - "Deep learning" to be changed as "Deep Learning Techniques".
 - "Digital Twin" to be changed as "Digital Twin Technology".
- **For a minor degree,** the Board suggested to include an appropriate title for the Minor Degree.
- **For verticals,** it was recommended to clearly specify the semester details for each vertical.
- **For open electives,** the Board recommended including courses suitable for students from other departments, focusing on:
 - Basic-level courses
 - IT application-oriented subjects

After offering the above suggestions and recommendations, the BoS recommended the curriculum and syllabus for the first and second semester courses.

01.04. Other matters, if any.

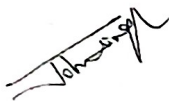
Nil

The meeting concluded after appreciating and acknowledging the effort and contribution of staff members. Dr. J. Maheswaran, Principal delivered the vote of thanks when the meeting concluded at 12:30 PM.



Dr. E. Siva Sankari

(Anna University Nominee)



Dr. K. John Singh

(Academic Expert)



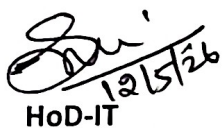
Dr. S. Dominic

(Academic Expert)



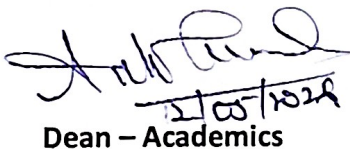
Mr. S. Sivathanu Pillai

(Industry Expert)



HoD-IT

Dr. Suja A. Alex



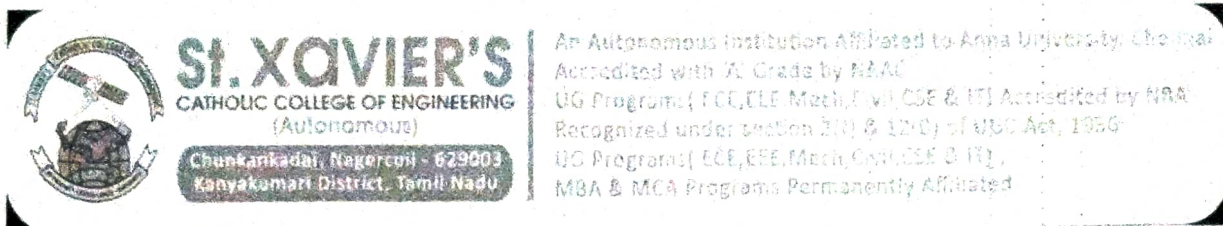
Dean – Academics

Dr. R. P. Anto Kumar



Principal

Dr. J. Maheswaran



FACULTY OF COMPUTER SCIENCE AND ENGINEERING AND INFORMATION TECHNOLOGY

VIII BOARD OF STUDIES MEETING

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Dated: 12-05-2025

Time: 10.00 AM to 1.30 PM

Venue: Einstein Seminar Hall

Members Present: Enclosed

Minutes of Meeting

Agenda

- Prayer
- Welcome Address

08.01. Confirmation of seventh BoS meeting minutes held on 12-12-2025 and Decision/Action taken report.

08.02. Discussion on the Suggestions / Recommendations offered by the members in the VII Academic Council meeting and the VII Governing Body meeting.

08.03. Presentation of the proposed curriculum and getting recommendation for approval for the 1st year courses syllabi of UG Programme for regulation 2026.

08.04. Discussion on NPTEL course ratification

08.05. Other matters if any.

- Vote of Thanks

The Eighth Board of Studies meeting started with a prayer by Dr. A. Anisha, Assistant Professor, Department of Computer Science and Engineering. The welcome address was delivered by Ms. T.S. Sheela Shiny, Assistant Professor, Department of Computer Science and Engineering. Dr. J. Maheswaran, Principal, delivered the introductory address. The minutes of the Seventh

Board of Studies meeting and the Academic Council Meeting, along with the action taken report is presented by Dr. R. Jemila Rose, Head, Department of Artificial Intelligence and data Science.

08.01: Confirmation of seventh BoS meeting minutes held on 12-12-2025 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
The First Semester subject title shall be revised from Computer Essentials and Intelligent System to Fundamentals of AI and Computer Essentials.	The subject title has been revised as Artificial Intelligence and Computer Essentials.	It was Confirmed in the BoS meeting.
The First Semester syllabus shall incorporate basic AI topics to provide early exposure to AI concepts.	Basic AI topics have been included in the First Semester syllabus for early exposure.	It was Confirmed in the BoS meeting.
The Java Programming subject syllabus shall be updated to include modern Java tools and frameworks.	The suggested revisions will be incorporated in the Fourth Semester Java Programming syllabus during the next curriculum revision.	To be Implemented
The Data Science subject shall be positioned after the Probability and Statistical Techniques subject to ensure better conceptual progression.	The course sequence has been modified accordingly for better conceptual progression.	It was Confirmed in the BoS meeting.
Generative AI shall be included as a core paper instead of being offered under verticals.	Generative AI has been moved from verticals and included as a core paper.	It was Confirmed in the BoS meeting.

The subject title Digital Image Processing shall be renamed as Computer Vision.	The subject title has been revised as Computer Vision (SEM VII).	It was Confirmed in the BoS meeting.
Under verticals, a domain related to AI Security shall be introduced.	A new vertical domain related to AI Security has been introduced.	It was Confirmed in the BoS meeting.
Prompt Engineering shall be included in verticals instead of GPU Computing.	Prompt Engineering has been included under verticals in place of GPU Computing.	It was Confirmed in the BoS meeting.
The title of the course Project Work / Internship shall be renamed as Project Work.	Project Work/Internship is renamed as Project Work Project Work	Confirmed in the BoS meeting.

08.02. Discussion on the Suggestions / Recommendations offered by the members in the VII Academic Council meeting and the VII Governing Body meeting.

NIL

08.03. Presentation of the proposed curriculum and getting recommendation for approval for the 1st semester courses syllabus of UG Programme for regulation 2026.

Suggestions for the Syllabus are as follows:

- The First Semester course title Artificial Intelligence and Computer Essentials shall be revised as Computer Essentials and Artificial Intelligence.
- The course titles “AI Security and Privacy” and “Secure and Trustworthy Artificial Intelligence” in the verticals shall be revised appropriately.
- The Honors course title Blockchain Basics shall be revised by removing the term “Basics”, and an appropriate new title shall be finalized.
- The titles of the Open Elective courses Basics of Data Science and Basics of Big Data Analytics shall be revised appropriately, and Augmented Reality / Virtual Reality shall be replaced with an AI-related course.

08.04. Discussion on NPTEL course for ratification.

Nil

08.05. Other matters if any.

All laboratory software shall be updated to the latest versions, and recent editions of textbooks shall be preferred for all courses.

The meeting concluded with a unanimous acknowledgment of the efforts and contributions of all members. Dr. J. Maheswaran, Principal, delivered the vote of thanks, and the meeting concluded at 1:30 PM.



Dr. E. Siva Sankari
(Anna University Nominee)



Dr. K. John Singh
(Academic Expert)



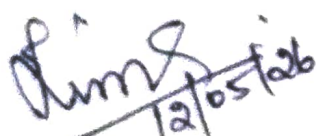
Dr. S. Domnic
(Academic Expert)



Mr. Sivathanu Pillai S
(Industry Expert)



Er. Raguvaran. J
(Alumni)



Dr. J. Jemila Rose
(HOD/ AI & DS)



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



Dr. J. Maheswaran
(Principal)

External Members present:

S. No	Name, Designation	Category
1	Dr. E. Siva Sankari Associate Professor, Department of Computer Science and Engineering, Government College of Engineering, Tirunelveli	Anna University Nominee
2	Dr. K. John Singh MS., M.Tech., Ph.D., Professor,	Subject Expert

	School of Computer Science Engineering & Information Systems, Vellore Institute of Technology	
3	Dr. S. Domnic Professor, Department of Computer Applications, National Institute of Technology, Tiruchirappalli	Subject Expert
4	Mr. Sivathanu Pillai S Software Architect, UST, Techopark, Trivandrum	Industry Expert
5	Er. Raguvaran.J Associate Manager Accenture Chennai.	Alumni

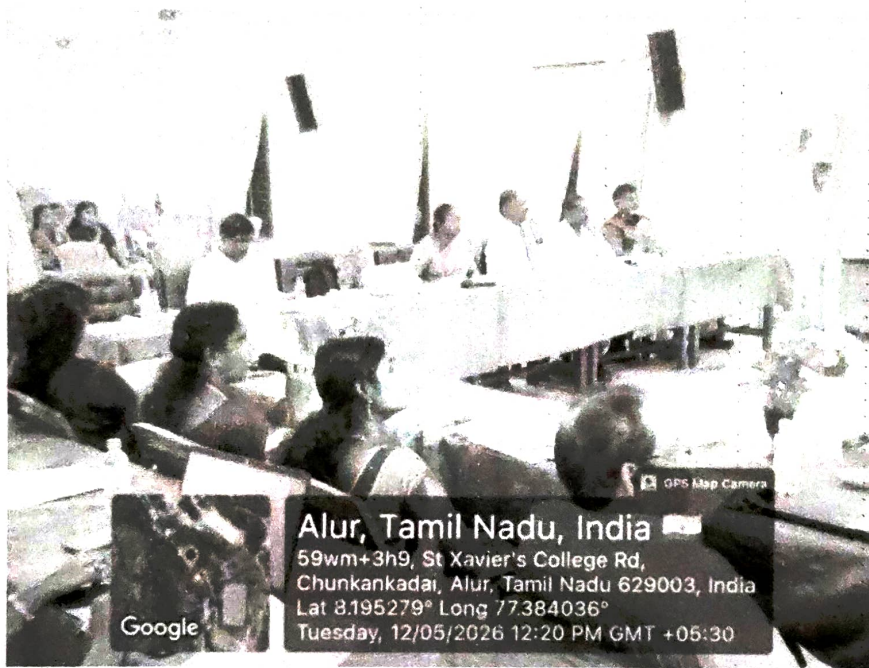
Internal Members Present:

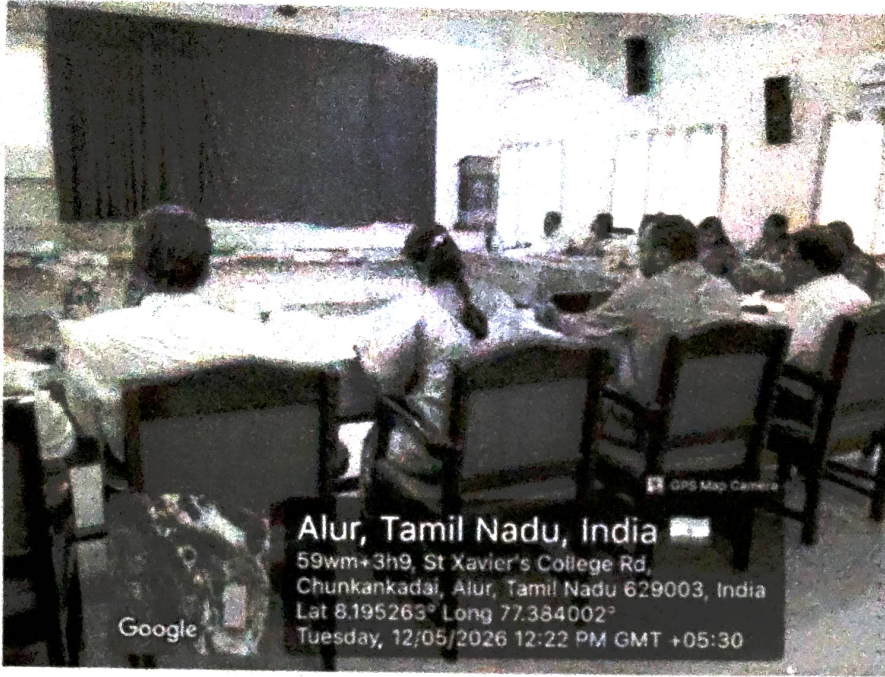
S. No	Name of the Member	Designation
1	Dr. R. Jemila Rose	Chairman, AI & DS
2	Ms. M. Jasmine Mary	Asst. Prof/AI & DS
3	Ms. V. Mulli Mary	Asst. Prof/AI & DS
4	Ms. Y. Mary Jansi Rani	Asst. Prof/AI & DS
5	Ms. D. Betteena Sheryl Fernando	Asst. Prof/AI & DS
8	Ms. K. Sahaya Sonia	Asst. Prof/AI & DS
9	Ms. V. Subitha	Asst. Prof/AI & DS
10	Ms. M. Sugirtha Jasmine	Asst. Prof/AI & DS
11	Ms. A. Jenisha	Asst. Prof/AI & DS

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	Dean-Academics, St. Xavier's Catholic College of Engineering, Chunkankadai.
3.	Dr. C. Seldev Christopher	Associate Dean-Academics, St. Xavier's Catholic College of Engineering, Chunkankadai.





Alur, Tamil Nadu, India

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Tuesday, 12/05/2026 12:22 PM GMT +05:30



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

Chunkankadai, 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, Civil, 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, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

Faculty of Computer Science and Engineering & Information Technology

VIII Board of Studies Meeting

Department of Computer Science and Engineering (Cyber Security)

Venue: Einstein Seminar Hall

Minutes of Meeting

Date: 12-05-2026

Time: 10.30 AM to 01.00 PM

Agenda:

- Prayer
- Welcome Address
- 08.01. Confirmation of seventh BOS meeting minutes held on 12-12-2025 and presentation of the Decision/Action taken Report.
- 08.02. Discussion on the Suggestion/Recommendations offered by the members in the seventh Academic Council meeting.
- 08.03. Presentation of the proposed curriculum and syllabi and obtaining recommendations for approval of the curriculum and syllabi of the 1st and 2nd semesters for the UG programme under Regulation R-2026.
- 08.04. Presentation of the proposed curriculum and syllabi and obtaining recommendations for approval of the curriculum and syllabi of the 3rd and 4th semesters for the UG programme under Regulation R-2022.
- 08.05. Other matters, if any.
- **Vote of Thanks**

The Eighth Board of Studies Meeting of the Faculty of Computer Science and Engineering and Information Technology commenced with a prayer offered by Dr. A. Anisha, Assistant Professor, Department of Computer Science and Engineering. Dr. T. S. Sheela Shiney,

Assistant Professor, Department of Computer Science and Engineering, extended a warm welcome to the gathering.

Dr. N. Ansgar Mary, Head of the Department of Computer Science and Engineering (Cyber Security), presented the following:

1. Minutes and Action Taken Report of the VII BOS Meeting.
2. Minutes and Action Taken Report of the VII Academic Council Meeting.
3. Detailed curriculum including Open Electives, Honors Degree, Minor Degree, and Verticals under R-2026 Regulations.
4. Courses offered by the department during the first and second semesters.
5. Detailed curriculum including Verticals under R-2022 Regulations.
6. Courses offered by the department during the third and fourth semesters.
 - Digital Principles and Computer Architecture
 - Java Programming
 - Operating Systems and Security
 - Database Design and Management
 - Network Terminologies
 - Cyber Security Essentials

08.01. Confirmation of VII BOS meeting minutes held on 12-12-2025 and presentation of the Decision/Action taken Report.

Sl.No	Suggestions/Recommendations of Seventh BOS meeting	Action Taken	Remarks
1	It was recommended that the subject 'Fundamentals of Computing and Logic Circuit Design' be changed to 'Cyber Security Essentials'.	The subject has been changed and included in the first semester.	Confirmed in the BOS meeting.
2	It was recommended that the subject 'Computer Architecture and Organization' be changed to 'Digital Principles and Computer Architecture' for the third semester.	The subject has been changed and included in the third semester	Confirmed in the BOS meeting.
3	It was recommended that the subject 'Python for Cyber	The recommended changes have been duly	Confirmed in the BOS

	Security' be moved from the fifth semester to the third semester.	incorporated.	meeting
4	It was recommended that the subject 'Intrusion Detection and Internet Security' be included in the fifth semester curriculum.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
5	It was recommended that the subjects 'Data Structures using C' and 'Data Structures using C Laboratory' be renamed as 'Data Structures' and 'Data Structures Laboratory', respectively.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
6	It was recommended that the subjects 'Database Management Systems and Security' and 'Database Management Systems and Security Laboratory' be renamed as 'Database Security' and 'Database Security Laboratory', respectively.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
7	It was recommended that the subjects 'Web Programming and Web Application Security' and 'Web Programming and Web Application Security Laboratory' be renamed as 'Web Programming' and 'Web Programming Laboratory', respectively.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
8	It was recommended that the subject 'Oriented Programming Using Java' be renamed as 'Java Programming'.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting

9	It was recommended that the subject 'Digital Forensics and Incident Response' be renamed as 'Cyber Forensics'.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
10	It was recommended that the subject 'Cloud Computing and Security Foundations' be renamed as 'Cloud Computing and Security'.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
11	It was recommended that the subject 'Data Science' be moved from the core category to the vertical category.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
12	It was recommended that the title of the vertical 'Cyber Security' be changed to a more appropriate and relevant title.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
13	It was recommended that the vertical title and the subject names be revised appropriately.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting
14	It was recommended that the activities for the courses be clearly specified. If the activities are common to all units, they may be listed at the end of the course; if they are unit-specific, the corresponding activity should be provided under each unit.	The recommended changes have been duly incorporated.	Confirmed in the BOS meeting

08.02. Discussion on the Suggestion/Recommendations offered by the members in the seventh Academic Council meeting.

Sl.No	Suggestions/Recommendations of VII Academic Council meeting	Action Taken	Remarks
1	It was recommended that topics such as IT Infrastructure Services, basic AI tools, Prompt Engineering, Robotic Process Automation (RPA), Low-Code/No-Code Platforms, Software Testing, and Automated Testing be incorporated into Computer Science-related programmes.	Subjects such as Prompt Engineering, Robotic Process Automation (RPA), and Low-Code/No-Code Platforms have been included under the vertical courses.	Confirmed in the BOS meeting

08.03. Presentation of the proposed curriculum and syllabi and getting recommendation for approval of curriculum and the syllabi of 1st and 2nd semester for UG programme under regulation R-2026.

The members of the Board suggested the following modifications and recommendations:

i. For the Cyber Security Essentials Subject

- Change the title of Unit I from 'Introduction to Cyber Security' to a more suitable title.
- Change the title of Unit V from 'Management and Incidents' to 'Security Management and Incidents'.
- Move the contents related to Cyber Warfare and Cyber Laws from Unit V to Unit II.
- Reduce the content load in Units II, III, and IV.

- Assign the title of the Minor Degree as 'Cyber Security'.
- Add three more subjects to the Open Elective list.
- Provide additional course options for Honors Degree students.

After offering the above suggestion the BOS recommended the curriculum and syllabi of first and second semester courses for UG programme under regulation R-2026.

08.04.Presentation of the proposed curriculum and syllabi and getting recommendation for approval of the 3rd and 4th semester courses for UG programme under regulation R-2022.

- Detailed curriculum of R-2022
- Courses offered from the department during Third and Fourth semester are
 - Digital Principles and Computer Architecture
 - Java Programming
 - Operating Systems and Security
 - Database Design and Management
 - Network Terminologies
 - Cyber Security Essentials

08.05.Other matters if any

Nil

The meeting concluded after appreciating and acknowledging the efforts and contributions of the staff members. Dr. J. Maheswaran, Principal, delivered the vote of thanks, and the meeting concluded at 01:00 p.m.


Dr.E.Siva Sankari

(Anna University
Nominee)


Dr. K.John Singh

(Academic Expert)


Dr.S.Domnic

(Academic Expert)


Mr.Sivathanu Pillai S

(Industry Expert)


HoD – CSE(CS)
Dr. N Ansgar Mary

Dr. N. ANSGAR MARY, M.E., Ph.D.
Head of the Department,
Dept. of Computer Science & Engg
(Cyber Security)
St. Xavier's Catholic College of Engg.
Chunkankadai, Nagercoil - 629 003.


Dean – Academics
Dr. R P Anto Kumar

Prof. Dr. R. P. ANTO KUMAR, M.E., Ph.D.,
Dean (Academics)
Member Secretary (Academic Council)
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil – 629 003.


Dr. J Maheshwaran
Principal

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003

ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING

(Autonomous)

Chunkankadai, Nagercoil - 629003

Faculty of Computer Science & Engineering and Information Technology

(Department of MCA)

VIII Board of Studies Meeting

Venue: Board Room

Time: 10:30 a.m to 1.30 p.m

Date: 12-05-2026

Agenda and Notes

- Prayer
- Welcome Address

- 08.01. Confirmation of Seventh BoS meeting minutes held on 12-12-2025 and Decision/Action taken report.
- 08.02. Discussion on the Suggestions / Recommendations offered by the members in the VII Academic Council meeting.
- 08.03. To consider and approve the Curriculum of MCA Programme and the Syllabus of First year of MCA Programme for regulation 2026 forwarded by the HOD
- 08.04. NPTEL courses completed

● Vote of Thanks

The Eighth Board of Studies Meeting of the Faculty of Computer Science and Engineering and Information Technology commenced with prayer a prayer offered by Dr.A.Anisha, Assistant Professor, Department of Computer Science and Engineering. Dr. T.S. Sheela Shiney, Assistant Professor, Department of Computer Science and Engineering, extended a warm welcome to the gathering.

The minutes of the Seventh Board of Studies Meeting and the Academic Council Meeting, along with the Action Taken Report, was presented by Dr. F.Ramesh Dhanaseelan, Head, Department of MCA

08.01. Confirmation of Seventh BoS meeting minutes held on 12-12-2025 and Decision / Action taken report.

Sl.No	Suggestions	Action taken	Remarks
1.	It was recommended to remove the phrase "using Python" from the course title "MC26104 – Data Structures and Algorithms using Python" and to remove the word "Foundations"	Changes are made as suggested	Confirmed in the BoS meeting.

	from the course title "MC26201-Foundations of Data Science"		
2.	It was proposed to assign 12 credits to the Major Project .	Changes are made as suggested	Confirmed in the BoS meeting.
3.	It was suggested that elective courses be classified into technical electives and non-technical electives .	Changes are made as suggested	Confirmed in the BoS meeting.
4.	It was recommended to conduct two bridge courses for non-computer science students prior to the commencement of the first semester , with additional bridge course content to be offered through NPTEL courses .	Changes are made as suggested	Confirmed in the BoS meeting.

08.02. Discussion on the Suggestions / Recommendations offered by the members in the VII Academic Council meeting.

Sl.No	Suggestions / Recommendation of V Academic Council meeting	Suggestions / Decisions / during the VI Board Studies Meeting	Recommendation/Remarks of VI Board of Studies Meeting
1.	For Computer Science-related programmes, topics such as IT Infrastructure Services, basic AI tools, Prompt Engineering, Robotic Process Automation (RPA), low-code/no-code platforms, Software testing, and automated testing may be included.	The subject Generative AI & Prompt Engineering has been added to Elective III of the Third Semester. The subject VIBE Coding has been added to Elective II of the Third Semester. Software Quality & Testing has been added to the Second Semester.	Confirmed in the BoS meeting.

08.03. To consider and approve the Curriculum of MCA Programme and the Syllabus of First year of MCA Programme for regulation 2026 forwarded by the HOD

The Board of Studies discussed and unanimously resolved the following modifications and updates to the syllabus and course structure.

- It is recommended to remove the phrase "Introduction to" from the unit headings of all courses in the syllabus.
- It is recommended to include HTML 5.0 instead of HTML 4.0 in the subject "Web Technology."
- It is suggested to include tools such as Power BI and Tableau in Unit IV of the subject "Data Science and Visualization."
- It is advised to use the latest software testing tools for the subject "Software Quality and Testing".
- It is recommended to remove the topic HTML Frames from the subject "Full Stack Web Development."
- It is advised to remove certain topics from the bridge course subjects to reduce the syllabus load for bridge course students.

08.04. NPTEL courses completed

It is mandatory for bridge course students to complete an NPTEL course before the end of third semester. The following bridge course students have successfully completed the NPTEL course on "Software Conceptual Design."

Sl. No.	Register Number	Name	Marks as Per NPTEL Certificate out of 100	Grade as Per AU Norms
1	962225622004	AJISHA S	53	B
2	962225622008	ANNE VIJILIYA C	56	B
3	962225622018	BABISHA A G	60	B+
4	962225622031	KEERTHIKA J	78	A
5	962225622039	MILACINI S	73	A
6	962225622040	MINUSHA M	60	B+
7	962225622050	SAHAYA RESHALIN SASHMITHA F	75	A
8	962225622059	VARSHINI R	54	B

08.05. Other matters, if any

After presenting the above suggestion and recommendations, The Board of Studies (BOS) recommended the curriculum and detailed syllabi of First year of MCA Programmes for regulation 2026

Dr. J. Maheswaran, Principal, delivered the vote of thanks, and meeting concluded at 1.30 PM.

f.c.i.

Dr. E. Siva Sankari
Anna University
Nominee



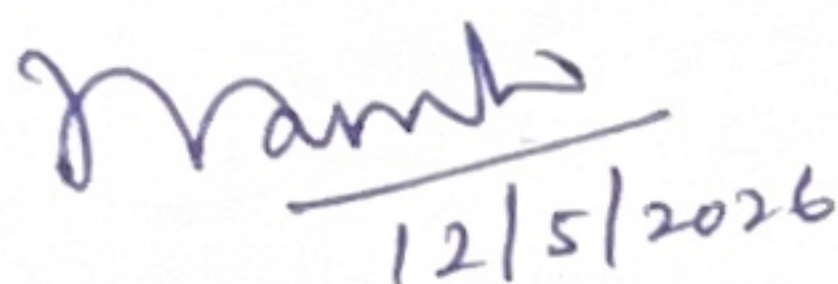
Dr. K. John Singh
Subject Expert



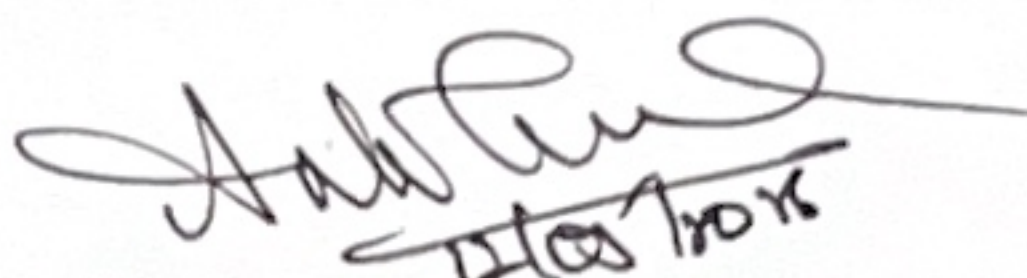
Dr. S. Domnic
Subject Expert



Er. S. Sivathanu Pillai
Industry
Representative


12/5/2026

Dr. F. Ramesh Dhanaseelan
Board Chairman/MCA


12/5/2026

Dr. R. P. Anto Kumar
Dean - Academics



Dr. J. Maheswaran
Principal

Dr. F. RAMESH DHANASEELAN
M.Tech., Ph.D.
PROFESSOR & HEAD
Department of Computer Applications
St. Xavier's Catholic College of Engineering
Nagercoil, K.K. Dist. - 629 003

Prof. Dr. R. P. ANTO KUMAR, M.E., Ph.D.,
Dean (Academics)
Member Secretary (Academic Council)
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil - 629 003.

Dr. J. MAHESWARAN M.E. Ph.D. FIE. MISTE.
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