

**St. Xavier's Catholic College of Engineering, Chunkankadai- 629 003**  
(An Autonomous Institution - Affiliated to Anna University, Chennai)

[www.sxcce.edu.in](http://www.sxcce.edu.in)

**Faculty of Computer Science and Engineering and Information Technology**

**1<sup>st</sup> Board of Studies Meeting**

Mode : Offline  
Date & Time : 12<sup>th</sup> November 2022 at 10.00 a.m. - 01.45 p.m.  
Venue : Board Room

**AGENDA**

- Prayer
- Welcome Address
- Introductory Remarks
- Presentation of Draft Curriculum and Draft Syllabus
  - HOD - CSE
  - HOD - IT
  - HOD - MCA
  - HOD - AI & DS
- Discussion

**Members Present :** enclosed

**MINUTES OF THE MEETING**

The Chairmen, BOS of **Faculty of Computer Science and Engineering and Information Technology** welcomed the members and introduced the internal members and thanked each of them for sparing their valuable time to attend the meeting. Our Academic Dean Dr.R.P. Anto Kumar gave the introductory speech.

The chairmen presented the newly framed 2022 draft curriculum & syllabi for Semesters 1 to 8 and explained about the theory courses, mandatory courses, theory cum practical courses, elective courses and practical courses opted for the Semester 1 to 8. Syllabi for 1 year U.G/ P.G were discussed in detail.

The BOS members gave the following suggestions

**Computer Science and Engineering**

**U.G.**

1. Probability and Statistics should be considered as a core course based on GATE syllabus.
2. Computer Organization and Architecture must be considered as a separate course by including MIPS architecture in the syllabus.
3. Digital Principals and System Design can also be considered as a separate course.
4. BOS members suggested to add a book titled "Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data" from EMC Educational Services in the syllabus for Data Science course.
5. Add Full Stack Development as an Elective course.
6. Include NodeJS, ReactJS, AngularJS in Internet Programming course.
7. Include the topic Collections in Object Oriented Programming course as it helps a lot during placement.

8. Include MongoDB and NoSQL as separate units in Database Management Systems course.

### **P.G.**

1. Machine Learning and IoT can be considered as elective courses.
2. Include Advanced Operating Systems, Advanced Compiler Design and Network Technologies as core courses.
3. Case studies can be included in fifth unit.

### **Information Technology**

1. Industry seminar and Industry lectures can be introduced with fractional credit.
  - ✓ Assessment can be given in terms of project and MCQ.
2. The following seven core subjects should be kept as separate course.
  - ✓ Database Management Systems
  - ✓ Operating Systems
  - ✓ Computer Networks
  - ✓ Data Structures
  - ✓ Design and Analysis of Algorithms
  - ✓ Digital Principles and System Design
  - ✓ Computer Architecture and Organization
3. Compiler Design, Cloud Technologies, Computational Intelligence and Cryptography and Network Security can be included in elective.
4. For easy understanding and learning of Data Science, BOS members prescribed one text book from EC2 publication and asked to include that as syllabus text book.
5. Include the topic Collections in OOPS as it helps a lot during placement.

### **Master of Computer Applications**

1. Data Science should be included as a core course in Semester II.
2. Advance Java Programming is shifted as a core course in semester III.
3. Machine learning and Cyber Security can be considered as elective courses.
4. Mini Project included in semester III

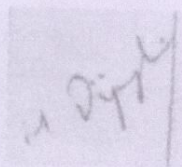
### **Artificial Intelligence & Data Science**

1. Second Semester-> Instead of C programming and Data Structures course, they suggested the course name **Data Structures and Algorithms using C (4 credits) for Theory and Laboratory.**



2. Course Rearrangement-> **Introduction to Computer Networks** course, move it to fifth semester and **Data Exploration and Visualization** move it to third semester. Otherwise students will be overloaded.
3. **Machine Learning Theory and Laboratory** courses move it into fifth semester, **Deep Learning Theory and Laboratory** courses move it into sixth semester and **Web Technology Theory and Laboratory** courses move it into fourth semester.
4. It is better to have included **Design and Analysis of Algorithms** course in fourth semester and **Data and Information Security** course move it to Professional Elective Course (PEC).
5. For Verticals-> track 4, they suggested the name as **Computing Techniques**. According to the name, they advised to change the courses.

The Chairmen thanked all the members for their kind cooperation and the meeting came to an end.



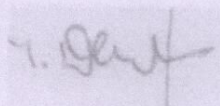
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(Anna University Nominee)



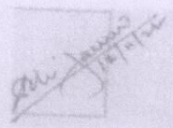
Dr.E.Sivasankar  
(Academic Expert)



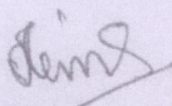
Dr.A.Siruliandi  
(Academic Expert)



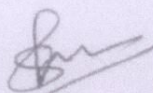
Dr.J.K.Deepak Keynes  
(Industry Expert)



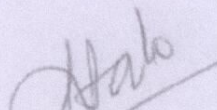
Dr.J.J.Adri Jovin  
(Alumnus)



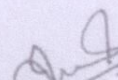
H.O.D  
AI & DS  
Dr.R.Jemila Rose



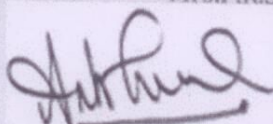
H.O.D  
CSE  
Mrs.P.R.Sheebha Rani



H.O.D  
IT  
Dr.G.Sahaya Stalin Jose



H.O.D  
MCA  
Dr.M.M.Janeela Theresa



ACADEMIC DEAN  
Dr.R.P.Anto Kumar

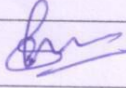
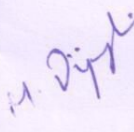
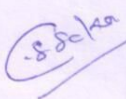

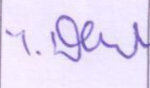
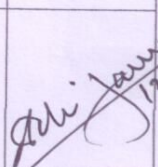


PRINCIPAL  
Dr.J.Maheswaran

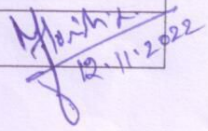


### Attendance Sheet Table of Members

#### External Members present:

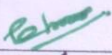
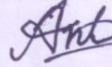
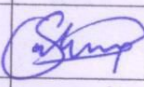
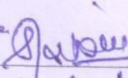
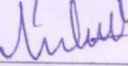


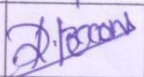
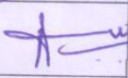

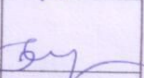
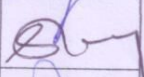

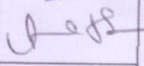

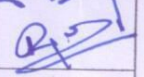
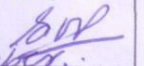
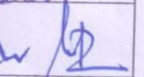
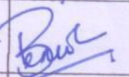
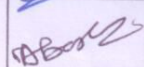
S. No	Members as per UGC Norms	Members Nominated	Signature
1	Head of the Department concerned (Chairman)	P.R.Sheebha Rani Head, CSE department	
2	One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal	Dr.M.Vijayalakshmi Professor Dept. of CSE Thiagarajar College of Engineering Madurai- 625 015.	
3	Two experts in the subject from outside the college nominated by the Academic Council	Dr.E.Sivasankar Associate Professor Dept. of CSE National Institute of Technology Tiruchirapalli- 620 015	
		Dr.A. Suruliandi Professor Dept. of CSE M.S.University Tirunelveli- 627 012.	
4	One representative from industry/corporate sector/allied area relating to placement	Dr.J.K. Deepak Keynes Team Leader Cognizant Technology Solutions (CTS) Chennai.	
5	One Post Graduate meritorious aluminous nominated by the Principal	Dr.J.J.Adri Jovin Associate Professor Dept. of IT Sri Ramakrishna Institute of Technology	

#### Internal Members Present:

S. No	Name of the Member	Designation	Signature
1	Dr.L.Mary Florida	Asso. Prof/Maths / HOD	

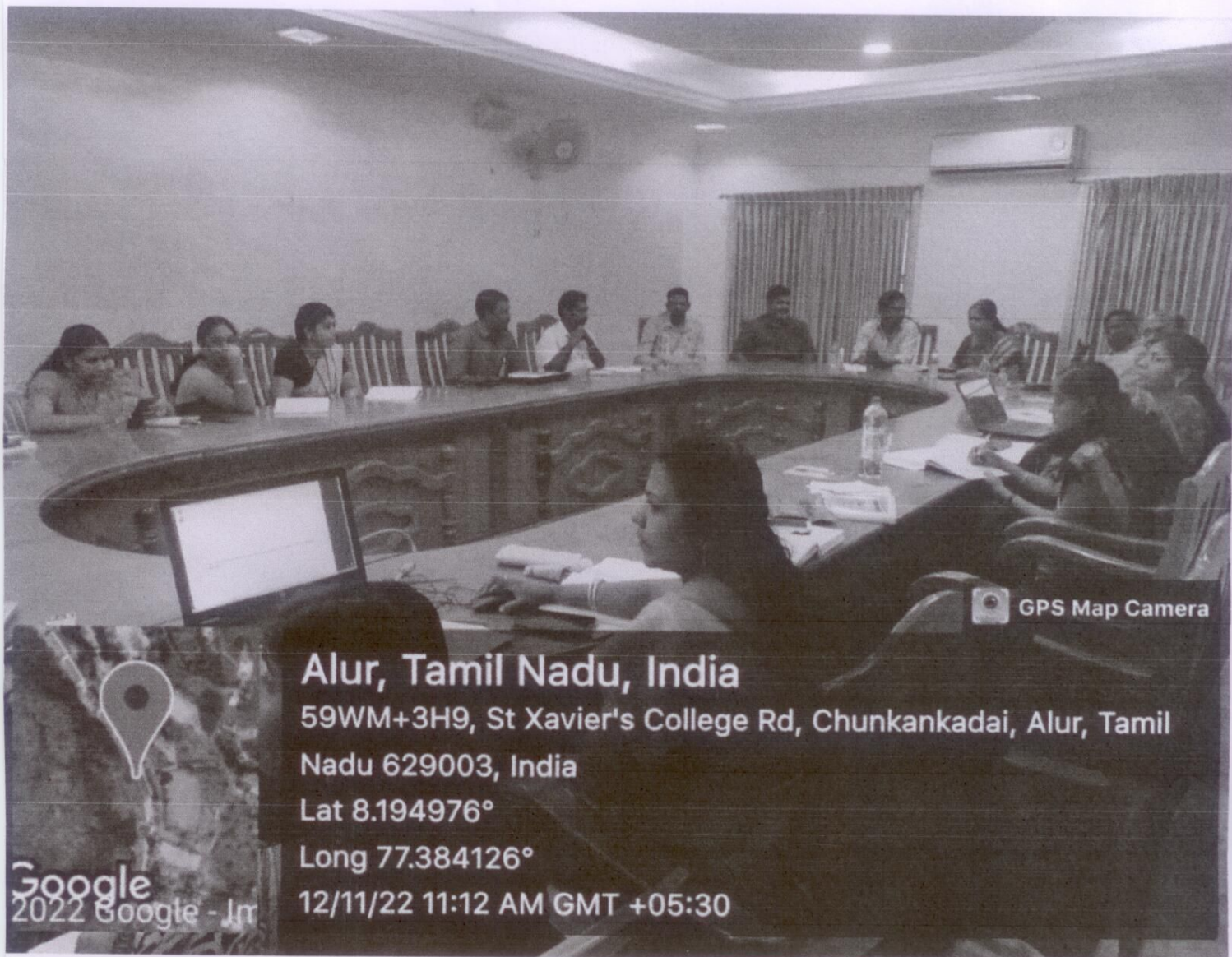


**Ex-Officio members present:**

S. No	EX OFFICIO MEMBERS		Signature
1	Dr. J. Maheswaran	Principal, St. Xavier's Catholic College of Engineering	
2	Dr.R.P. Anto Kumar, Professor, CSE Dept	Dean- Academics, St. Xavier's Catholic College of Engineering	
3	Dr. L. SELDEV CHRISTOPHER Prof, CSE	BOS Member	
4	Sobino X. Rulpa, AP/CSE	BOS Member, Syllabus sub committee member.	
5	Dr. A. Subiltha, Assoc. Prof	BOS Member, PG Coordinator	
6	Dr. A. Bamila Virgin LOUIS, A.P/CSE	Syllabus sub committee, Bos member	
7	J. S. Sani Male AP/CSE	BOS Member	
8	Dr. R. Basana, AP/CSE	Syllabus Sub Committee, BOS member	
9	A. ANISHA, AP/CSE	Syllabus sub committee, BOS member	
10	S.T. Sheriba, AP/CSE	Bos member	
11	G. G. Shweta Shree	Bos member	
12	S. L. Gonyea	Bos member	
13	M. C. Sheeba	BOS Member	
14	L. G. X. Agnel Livingston	Syllabus Sub Committee, BOS Member	
15	G. Johny	BOS Member	
16	P. Ajirha	BOS Member	
17	Dr. JOHN PIMO	BOS member & Syllabus sub-committee member.	
18	M. AJIN	BOS Member & Syllabus sub-committee member	
19	Bencila	Bos Member	
20	T. Abisha	Bos Member	

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GPS Map Camera

**Alur, Tamil Nadu, India**

59WM+3H9, St Xavier's College Rd, Chunkankadai, Alur, Tamil Nadu 629003, India

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Long 77.384126°

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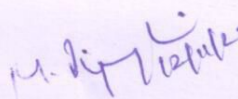
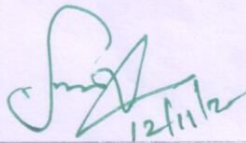
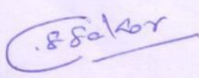
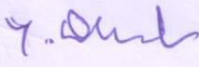
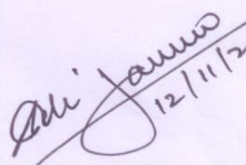
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**St. Xavier's Catholic College of Engineering**  
**Chunkankadai, Nagercoil-629003, Tamilnadu, India.**

**Department of Information Technology**

**Minutes of Board of Studies Meeting**

The Board of Studies (BOS) meeting of the department of Information Technology was conducted on 12.11.2022 in Board Room, SXCCE at 11.30 A.M. Following members were present.

Sl.No	Name of the Experts	Members as per the UGC Norms	Signature
1.	Dr.M.Vijayalakshmi Professor/Dept of CSE, Thiagarajar College of Engineering	Expert Nominated by the Vice- Chancellor	
2.	Dr. A. Suruliandi Professor/Dept of CSE Manonmaniam Sundaranar University	Subject experts from outside the Parent University	
	Dr. E. Sivasankar Associate Professor/ Dept of CSE, NIT, Trichy		
3.	Dr. J.K. Deepak Keynes Team Leader, CTS, Chennai	Representative from industry/corporate	
4.	Dr. J. J. AdriJovin , Associate Professor/ Dept of IT, Sri Ramakrishna Institute of Technology, Coimbatore	Postgraduate Meritorious Alumnus	



### Internal Stakeholders

- |                        |                    |                               |
|------------------------|--------------------|-------------------------------|
| 1. Dr. J. Maheswaran   | - Principal, SXCCE | - <i>Refrence</i><br>12.11.22 |
| 2. Dr. R.P. Anto Kumar | - Dean Academics   | - <i>Anto</i><br>12.11.22     |

### Special Invitee

- |                      |                   |                                 |
|----------------------|-------------------|---------------------------------|
| 1. Dr.L.Mary Florida | - Asso.Prof/Maths | - <i>M. Florida</i><br>12.11.22 |
|----------------------|-------------------|---------------------------------|

### Department Faculty Members

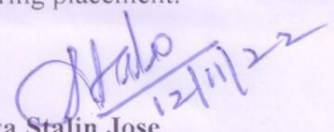
- |                                   |   |                                 |
|-----------------------------------|---|---------------------------------|
| 1. Dr.G.Sahaya Stalin Jose        | - HOD<br>Chairman of BOS                    | - <i>Stalin</i><br>12/11/22     |
| 2. Dr. D. Hevin Rajesh            | - Associate Professor<br>(NBA Coordinator)  | - <i>Hevin</i><br>12/11/22      |
| 3. Dr. J.Annrose                  | - Assistant Professor<br>(IQAC Coordinator) | - <i>J. Annrose</i><br>12/11/22 |
| 4. Ms.N.Ansagar Mary              | - Assistant Professor<br>(AHOD)             | - <i>Ansagar</i><br>12/11/22    |
| 5. <del>Dr.</del> Suja A.Alex     | - Assistant Professor                       | - <i>Suja</i><br>12/11/22       |
| 6. Dr.M.Geetha Jenifel            | - Assistant Professor                       | - <i>Geetha</i><br>12/11/22     |
| 7. Ms.L.Josephine Usha            | - Assistant Professor                       | - <i>Usha</i><br>12/11/22       |
| 8. Ms.T.M.Angelin Monisha Sharean | - Assistant Professor                       | - <i>Monisha</i><br>12/11/22    |
| 9. Ms.G.Geo Jennifer              | - Assistant Professor                       | - <i>Jennifer</i><br>12/11/22   |
| 10. Ms.P.Agnes Alex Rathy         | - Assistant Professor                       | - <i>Agnes</i><br>12/11/22      |
| 11. Mr.A.Arul Rex                 | - Assistant Professor                       | - <i>Arul</i><br>12/11/22       |

Dr. R. P. Anto Kumar, Dean Academics opened the meeting by welcoming and introducing the external members to the internal members. Dr.G.Sahaya Stalin Jose, Chairman of BOS presented the proposed curriculum and subjects of B.Tech Information Technology.

To review and approve the curriculum and syllabus of UG programme in IT, the members recommended the following:

- 1) Industry seminar and Industry lectures can be introduced with fractional credit.
  - ✓ Assessment can be given in terms of project or MCQ.
- 2) The following seven core subjects should be kept as separate course.
  - ✓ Database Management Systems

- ✓ Operating Systems
  - ✓ Computer Networks
  - ✓ Data Structures
  - ✓ Design and Analysis of Algorithms
  - ✓ Digital Principles and System Design
  - ✓ Computer Architecture and Organization
- 3) Compiler Design, Cloud Technologies, and Computational Intelligence can be included in elective.
  - 4) In Computer Architecture MIPS concepts can be included.
  - 5) For easy understanding and learning of Data Science, BOS members prescribed one text book from EC2 publication and asked to include that as syllabus text book.
  - 6) Include the topic Collections in OOPS as it helps a lot during placement.

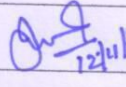
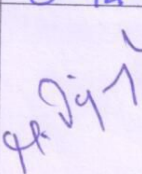
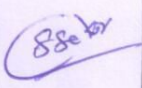
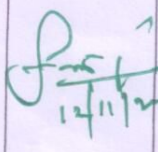
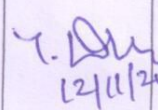
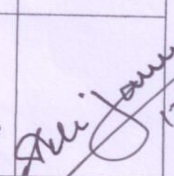
  
**Dr.G.Sahaya Stalin Jose**

HOD & Chairman of BOS

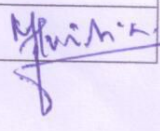


# Attendance Sheet Table of Members

## External Members present:

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1	Head of the Department concerned (Chairman)	Dr. M. M. Janeela Theresa Head, MCA department	
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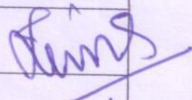
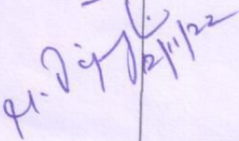
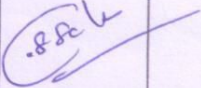
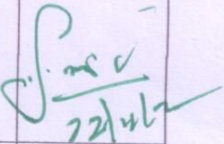
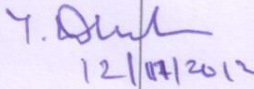
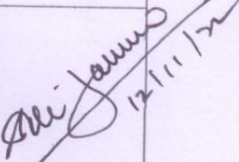
Ex-Officio members present:

[illegible]

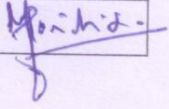


# Attendance Sheet Table of Members

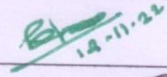
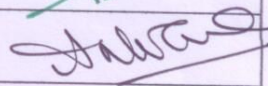
## External Members present:

S. No	Members as per UGC Norms	Members Nominated	Signature
1	Head of the Department concerned (Chairman)	Dr. R. Jemila Rose Head, AI & DS department	
2	One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal	Dr.M.Vijayalakshmi Professor Dept. of CSE Thiagarajar College of Engineering Madurai- 625 015.	
3	Two experts in the subject from outside the college nominated by the Academic Council	Dr.E.Sivasankar Associate Professor Dept. of CSE National Institute of Technology Tiruchirapalli- 620 015	
		Dr.A. Suruliandi Professor Dept. of CSE M.S.University Tirunelveli- 627 012.	
4	One representative from industry/corporate sector/allied area relating to placement	Dr.J.K. Deepak Keynes Team Leader Cognizant Technology Solutions (CTS) Chennai.	
5	One Post Graduate meritorious aluminous nominated by the Principal	Dr.J.J.Adri Jovin Associate Professor Dept. of IT Sri Ramakrishna Institute of Technology	

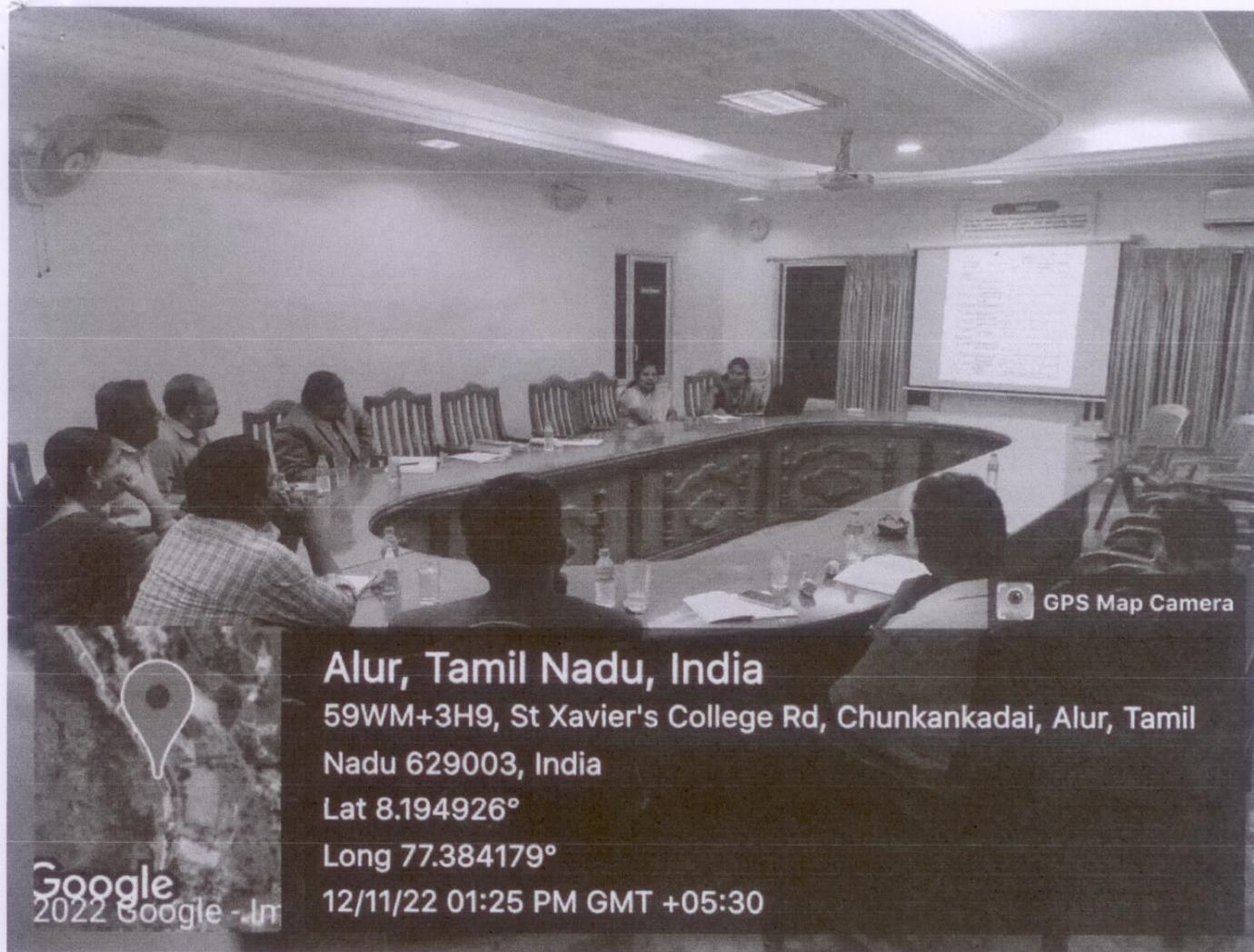
## Internal Members Present:

S. No	Name of the Member	Designation	Signature
1	Dr.L.Mary Florida	HoD/Asso. Prof/Maths	

**Ex-Officio members present:**

S. No	EX OFFICIO MEMBERS		Signature
1	Dr. J. Maheswaran	Principal, St. Xavier's Catholic College of Engineering	 14-11-22
2	Dr.R.P. Anto Kumar, Professor, CSE Dept	Dean- Academics, St. Xavier's Catholic College of Engineering	





**Alur, Tamil Nadu, India**

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12/11/22 01:25 PM GMT +05:30