8TH BOARD OF STUDIES MEETING

FXEC\CSE\2022-2023\BOS-8 Minutes

(Activity code: ACT/22-23/01197)

Mode: Hybrid

Venue: Lab-3

Google Meet link: https://meet.google.com/pyj-mgfo-fdw

Date & Time: 25.02.2023 & 02:00 PM

AGENDA

BoS/CSE 8.1: Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Computer Science and Engineering

BoS/CSE 8.2: Confirmation of the Minutes of the 7th meeting of Board of studies in the department of Computer Science and Engineering held on 18.08.2022 and Action taken report of 7th meeting of Board of studies

BoS /CSE 8.3: Business brought forward by the Chairman, Board of Studies

8.3.1 Curriculum & Syllabus for R2021 B.E Computer Science and Engineering (5th Semester)

8.3.2 Specialization in Cyber Security R2021

8.3.3 Value Added Courses

8.3.4 NPTEL Courses

BoS / CSE 8.4: Suggestions given by the BOS Members

BoS / CSE 8.5: Any other items for discussion

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MINUTES OF THE MEETING

The 8th Meeting of the Board of studies of the Department of Computer Science and Engineering was held on 25th February 2023 at 2 pm.

The following members were present:

1. Head of BOS
   Prof. Dr.G.Aravind Swaminathan, Professor/Head,
   Department of Computer Science and Engineering,
   Francis Xavier Engineering College,
   Tirunelveli

2. University Nominee
   Dr.C. Senthil Kumar,
   Associate Professor,
   Department of Computer Science and Engineering,
   Thiagarajar College of Engineering.

3. Academic Experts
   Dr.E.llavarasan
   Professor/CSE,
   Pudhucherry Technological University (Formally Pondicherry Engineering College),
   Pondicherry- 605014.
   Dr.D Murugan
   Professor/CSE,
   Manonmanium Sundaranar University,
   Tirunelveli-627012

4. Industrial Experts
   Mr.B.Durgasanth
   Technical Lead,
   Rishon Communication Technologies,
   Tirunelveli

5. Alumni Members
   Mr.A.Alan Selva Denis
   Technical Lead,
   HCL Technologies,
   Chennai-600119

6. Internal Members

S. No	Name of the Member	Designation
1.	Dr.R.Ravi	Professor/CSE
2.	Dr.S.Balaji	Professor/CSE
3.	Dr.C.Yesubai Rubavathi	Professor/CSE
4.	Dr.Y. Harold Robinson	Professor/CSE
5.	Dr.E.Manohar	Assoc. Prof /CSE
6.	Dr.R.Tino Merlin	Assoc. Prof / CSE
7.	Dr.U.Kumaran	AP/ CSE
8.	Dr.A.Thiruchelvi	AP/ CSE
9.	Mr.J.Zahariya Gabriel	AP/ CSE
10.	Mrs.P.Brundha	AP/ CSE
11.	Mrs.J.Priskilla Angel Rani	AP/ CSE
12.	Mr.K.Sivakumar	AP/ CSE
13.	Mrs.N.RajaPriya	AP/ CSE
14.	Mr.S.Malaiarasan	AP/ CSE
15.	Mrs.P.Jenifer	AP/ CSE
16.	Mrs.M.Sharon Nisha	AP/ CSE
17.	Mr.M.Mukesh krishnan	AP/ CSE
18.	Mrs.A.Muthu Lakshmi	AP/ CSE
19.	Mrs.M.Bagya Lakshmi	AP/ CSE
20.	Mr.S.Sivaraj	AP/ CSE
21.	Mrs.A.Mercy Rani	AP/ CSE
22.	Dr.R.Suman	AP/ CHEMISTRY
23.	Dr.P.Jona	AP/ CHEMISTRY
24.	Mrs.D.Elizabeth Paulsyah	AP/ CSE

7. Ex-officio Members
   Principal, Francis Xavier Engineering College, Tirunelveli
   Professor Academics, Francis Xavier Engineering College, Tirunelveli
   Controller of Examinations, Francis Xavier Engineering College, Tirunelveli

Members Absent –Nil

Board of Studies Meeting started with a prayer by Dr.G.Aravind Swaminathan, Professor/Head and, Dr.C.Yesubai Rubavathi, Professor/CSE welcomed the gathering

BoS /CSE 8.1: WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Chairman, BOS of the Computer Science and Engineering welcomed and introduced the members of 8th Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.

BoS /CSE 8.2: TO CONFIRM THE MINUTES OF SEVENTH BOS MEETING HELD ON 18.08.2022

The Minutes of the Seventh Board of Studies meeting held on 18.08.2022 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 7th Academic Council.

BoS / CSE 8.3: Business brought forward by the Chairman, Board of Studies

BoS / CSE 8.3.1: TO CONFIRM AND APPROVE the Curriculum & Syllabus (5th Semester) for R2021 B.E Computer Science and Engineering

The Curriculum and 5th Semester Syllabus were framed and it was presented by the chairman BOS
The Course Outcomes and Mapping of CO Vs PO and CO Vs PSO was presented by the chairman BOS

- ✓ RESOLVED TO APPROVE the Curriculum & Syllabus for R2021 B.E Computer Science and Engineering

BoS / CSE 8.3.2: TO CONFIRM AND APPROVE the Curriculum & (Professional Elective-I) Syllabus for R2021 B.E Computer Science and Engineering

The Curriculum and Professional Elective-I Syllabus were framed and it was presented by the chairman BOS
The Course Outcomes and Mapping of CO Vs PO and CO Vs PSO was presented by the chairman BOS

- ✓ RESOLVED TO APPROVE the Curriculum & Syllabus for R2021 B.E Computer Science and Engineering

BoS / CSE 8.3.3: TO CONFIRM AND APPROVE the Curriculum & (Open Elective-I & II) Syllabus for R2021

The Curriculum and Open Elective-I & II Syllabus were framed and it was presented by the chairman BOS

The Course Outcomes and Mapping of CO Vs PO and CO Vs PSO was presented by the chairman BOS

- ✓ RESOLVED TO APPROVE the Curriculum & Syllabus for R2021 B.E Computer Science and Engineering

BoS / CSE 8.3.4: TO CONFIRM AND APPROVE the Specialization/Minor Courses Specialization in Cyber Security R2021

The Specialization/ Minor Courses in Cyber Security for R2021 has been proposed and 2 Theory Courses, 2 Theory cum Practical courses and one Project work with 18 credits and their syllabus attached in Annexure – I was presented by the chairman BOS

The Course Outcomes and Mapping of CO Vs PO and CO Vs PSO was presented by the chairman BOS

- ✓ RESOLVED TO APPROVE the Curriculum & Syllabus for R2021 Specialization in Cyber Security

BoS / CSE 8.3.5: TO CONFIRM AND APPROVE the NPTEL Courses

The List of NPTEL Online Courses to be opted for the students from 5th semester instead of Professional Elective Courses in the overall curriculum were discussed

- ✓ RESOLVED TO APPROVE the NPTEL Courses

BoS / CSE 8.4: Suggestions Given by the Members

R2021 B.E Computer Science and Engineering

8.4.1 21CS5602-Computer Networks Course the Course Outcomes and the CO Vs PO Mapping must be revisited

8.4.2 21CS5603- Internet Programming Course, HTTPs topic can be added in Unit-5

8.4.3 21CS5611- Computer Networks Laboratory, in addition to NS2 Simulators such as Packet Tracer and GloMoSim can be used

8.4.4 Professional Elective-I, 21CS5703- IoT and its Applications Course, Sensors in IoT can be included

8.4.5 Open Elective-I,21CS5801-Basics of Networking Course in Unit-1 Basics of Network such as Routers and Switches can be added

8.4.6 Open Elective-I, 21CS5802-Introduction to Data structures Course and 21CS5803-Principles of Operating Systems Course syllabus must be verified with Information Technology Department

8.4.7 Open Elective -I, 21CS5809-Digital Computer Organization Course, topics such as Pipeline, GPU and Parallel processing can be included

BoS / CSE 8.5: Any other items for discussion

8.5.1 Value Added course Syllabus for R2021 such as Angular JS Essentials, Flutter Essentials and Kotlin Programming was presented and the expert members approved the same

Dr.G.Aravind Swaminathan, Professor/HOD thanked all the members for their kind cooperation and the meeting came to an end.

CHAIRMAN
BOARD OF STUDIES

Attendance Sheet Table of Members:

S. No	Members as per UGC Norms	Members Nominated	Signature
1	Head of the Department concerned (Chairman)	**Dr.G.Aravind Swaminathan,** Professor/Head, Department of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli	
2	One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal	**Dr.C. Senthil Kumar,** Associate Professor, Department of Computer Science and Engineering, Thiagarajar College of Engineering.	
3	Two experts in the subject from outside the college nominated by the Academic Council	**Dr.E.llavarasan** Professor/CSE, Pudhucherry Technological University(Formally Pondicherry Engineering College), Pondicherry- 605014.	
		Dr.D Murugan Professor/CSE, Manonmanium Sundaranar University, Tirunelveli-627012	
4	One representative from industry/corporate sector/allied area relating to placement	**Mr.B.Durgasanth** Senior Software Development, Rishon Communication Technologies, Tirunelveli	
5	One Post Graduate meritorious aluminous nominated by the Principal	**Mr.A.Alan Selva Denis** Technical Lead, HCL Technologies, Chennai-600119	

S. No	Name of the Member	Designation	Signature
1.	Dr.R.Ravi	Professor/CSE	
2.	Dr.S.Balaji	Professor/CSE	
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20.	Mr.S.Sivaraj	AP/ CSE	
21.	Mrs.A.Mercy Rani	AP/ CSE	
22.	Dr.R.Suman	AP/ CHEMISTRY	
23.	Dr.P.Jona	AP/ CHEMISTRY	
24.	Mrs.D.Elizabeth Paulsyah	AP/ CSE	

Annexure – I

Specialization/ Minor Courses

B.E. – Computer Science and Engineering

R2021 - Specialization in Cyber Security

S. No	Course Code	Course Name	L	T	P	C	H
Theory Course							
1	21CS4S01	Cyber Security Management and Cyber Law	3	0	0	3	3
		Elective	3	0	0	3	3
Theory cum Practical Courses							
1	21CS5S01	Cyber Security Essentials	2	0	4	4	4
3	21CS6S01	Forensics and Incident Response	2	0	4	4	4
Practical Course							
1.	21CS7S11	Project work	0	0	8	4	8
		Total	10	0	16	**18**	22
Elective Courses							
1	21CS6S02	Cloud Security	3	0	0	3	3
2	21CS6S03	Database Security	3	0	0	3	3
3	21CS6S04	Mobile And Wireless Security	3	0	0	3	3

Annexure – II

LIST OF NPTEL COURSES

LIST OF NPTEL COURSES – 2022-2023 EVEN

S.NO	COURSE CODE	COURSE NAME	DURATION (WEEKS)	COURSE STARTS	EXAM DATE	URL
1.	noc23-cs01	Randomized Methods in Complexity	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs01&sa=D&source=editors&ust=1671683119205674&usg=AOvVaw1nraQ6OV4UMvTHZpruuDCy
2.	noc23-cs04	Quantum Algorithms and Cryptography	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs04&sa=D&source=editors&ust=1671683119208138&usg=AOvVaw07UeHOcTIhX51H5BTxnY4i
3.	noc23-cs07	Advanced Computer Architecture	12 Weeks	January 23, 2023	April 30, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs07&sa=D&source=editors&ust=1671683119210635&usg=AOvVaw0Hse3AjyB85jlqUi72w2ZV
4.	noc23-cs08	Data Analytics with Python	12 Weeks	January 23, 2023	April 30, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs08&sa=D&source=editors&ust=1671683119211389&usg=AOvVaw1ptm0DEmu3cewSSovIGlrM
5.	noc23-cs12	Model Checking	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs12&sa=D&source=editors&ust=1671683119214708&usg=AOvVaw1lnY8drRXV8GEh8AuGHvzI
6.	noc23-cs19	Social Networks	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs19&sa=D&source=editors&ust=1671683119221157&usg=AOvVaw0D3EFM5qGPOxmH0psqaSsZ
7.	noc23-cs23	Reinforcement Learning	12 Weeks	January 23, 2023	April 30, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs23&sa=D&source=editors&ust=1671683119224392&usg=AOvVaw1wwmCKPWiTPhk61sNsFQjf
8.	noc23-cs24	Deep Learning - IIT Ropar	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs24&sa=D&source=editors&ust=1671683119225233&usg=AOvVaw0lmsSz1tfyEwI_zl-c_KRT
9.	noc23-cs30	Getting Started with Competitive Programming	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs30&sa=D&source=editors&ust=1671683119229287&usg=AOvVaw0R_VwgVUaseSb4RKJBFpCG
10.	noc23-cs35	Advanced Computer Networks	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs35&sa=D&source=editors&ust=1671683119232112&usg=AOvVaw0hoeBMOOhF14Yxhh

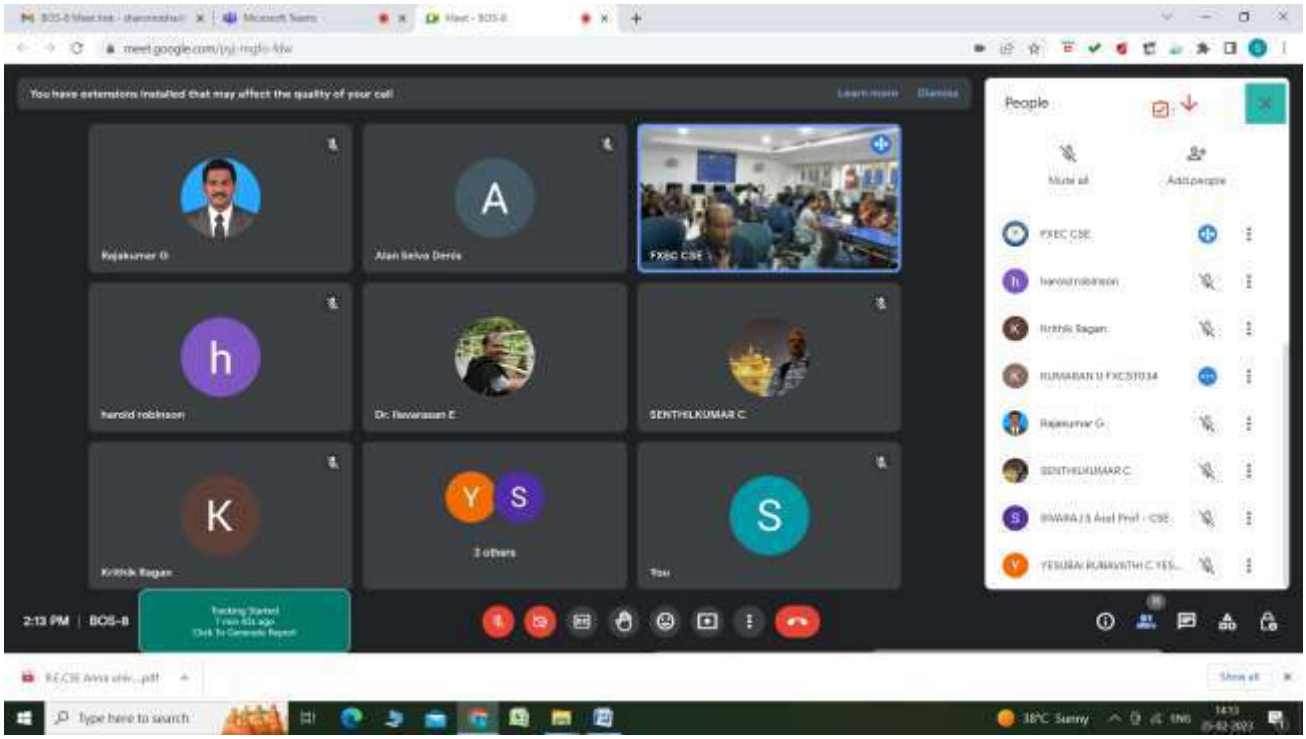
						2d8-SS
11.	noc23-cs36	Affective Computing	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs36&sa=D&source=editors&ust=1671683119232766&usg=AOvVaw0zOqmIbFmKlD4u1rahJ6BV
12.	noc23-cs37	Circuit Complexity Theory	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs37&sa=D&source=editors&ust=1671683119233321&usg=AOvVaw1IET_Jm-vvcEF3Ph024Zh6
13.	noc23-cs44	Ethical Hacking	12 Weeks	January 23, 2023	April 30, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs44&sa=D&source=editors&ust=1671683119237228&usg=AOvVaw2BF2lWGsWR6phB1aJh0MKs
14.	noc23-cs45	Natural Language Processing	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs45&sa=D&source=editors&ust=1671683119237794&usg=AOvVaw25C8fZcX77adPbWbxSG1JG
15.	noc23-cs46	Object Oriented System Development Using UML, Java And Patterns	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs46&sa=D&source=editors&ust=1671683119238303&usg=AOvVaw3AbEyCfRe6p46cn48oj4_V
16.	noc23-cs47	Blockchain and its Applications	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs47&sa=D&source=editors&ust=1671683119238802&usg=AOvVaw2eCXWJyapc1AeiQxBX0NM4
17.	noc23-cs50	Programming in Modern C++	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs50&sa=D&source=editors&ust=1671683119240323&usg=AOvVaw0V05ovpLANYh9_yGGP_1fS
18.	noc23-cs56	Deep Learning	12 Weeks	January 23, 2023	April 30, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs56&sa=D&source=editors&ust=1671683119243086&usg=AOvVaw1zvdlUyaoQTMZWU-fLp69x
19.	noc23-cs61	GPU Architectures And Programming	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs61&sa=D&source=editors&ust=1671683119245889&usg=AOvVaw3eeUhtqmtVAl4KqTRX0HD4
20.	noc23-cs59	Hardware Security	12 Weeks	January 23, 2023	April 29, 2023	https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc23_cs59&sa=D&source=editors&ust=1671683119244789&usg=AOvVaw2aCSv5K9ZI-VIK3aMQPm1P

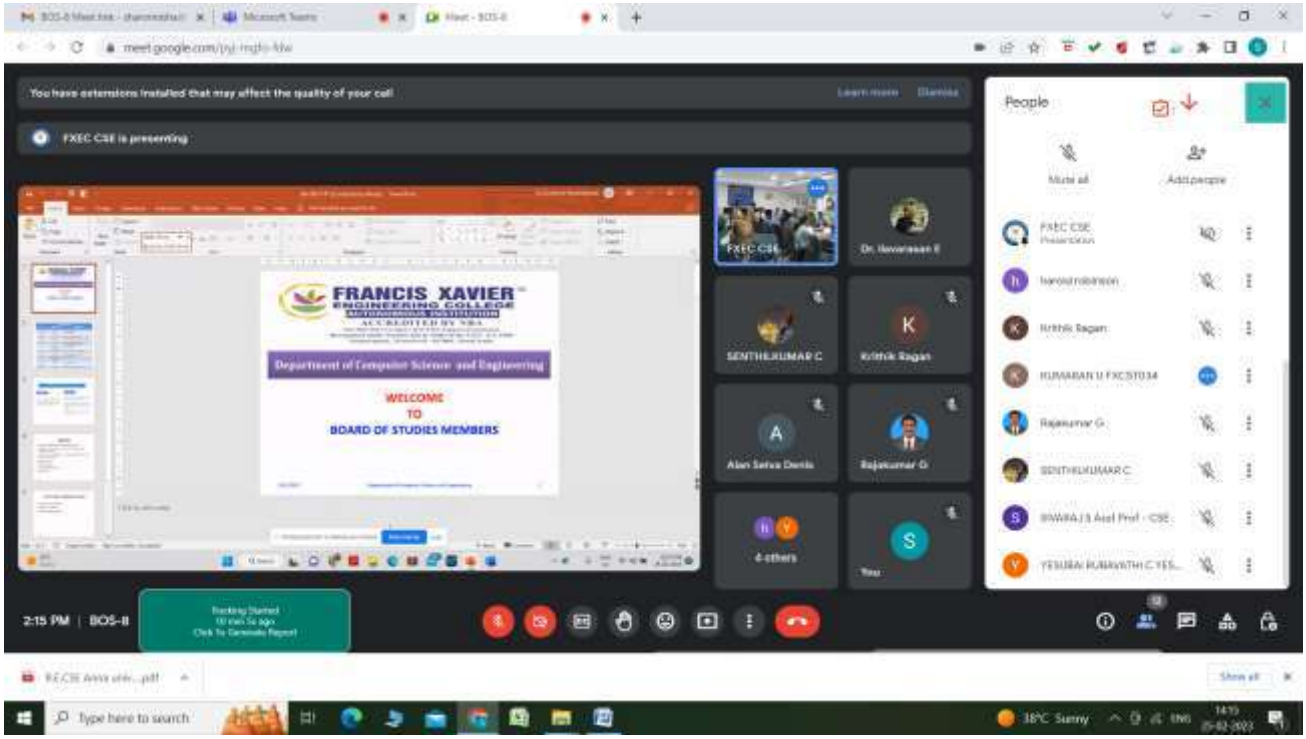
Department of Computer Science and Engineering

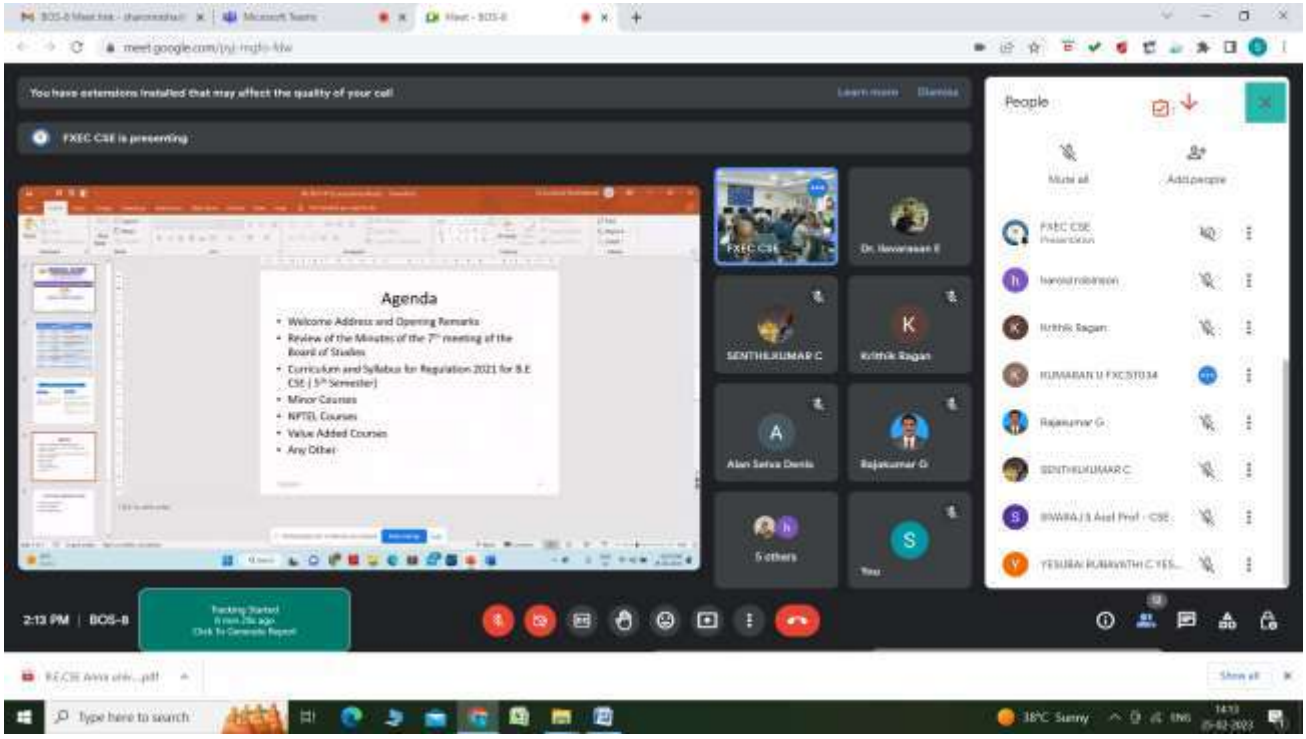
SCREEN SHOTS & GEO TAG PHOTOS

Venue: Lab-3

Date & Time: 25.02.2023 & 02:00 PM



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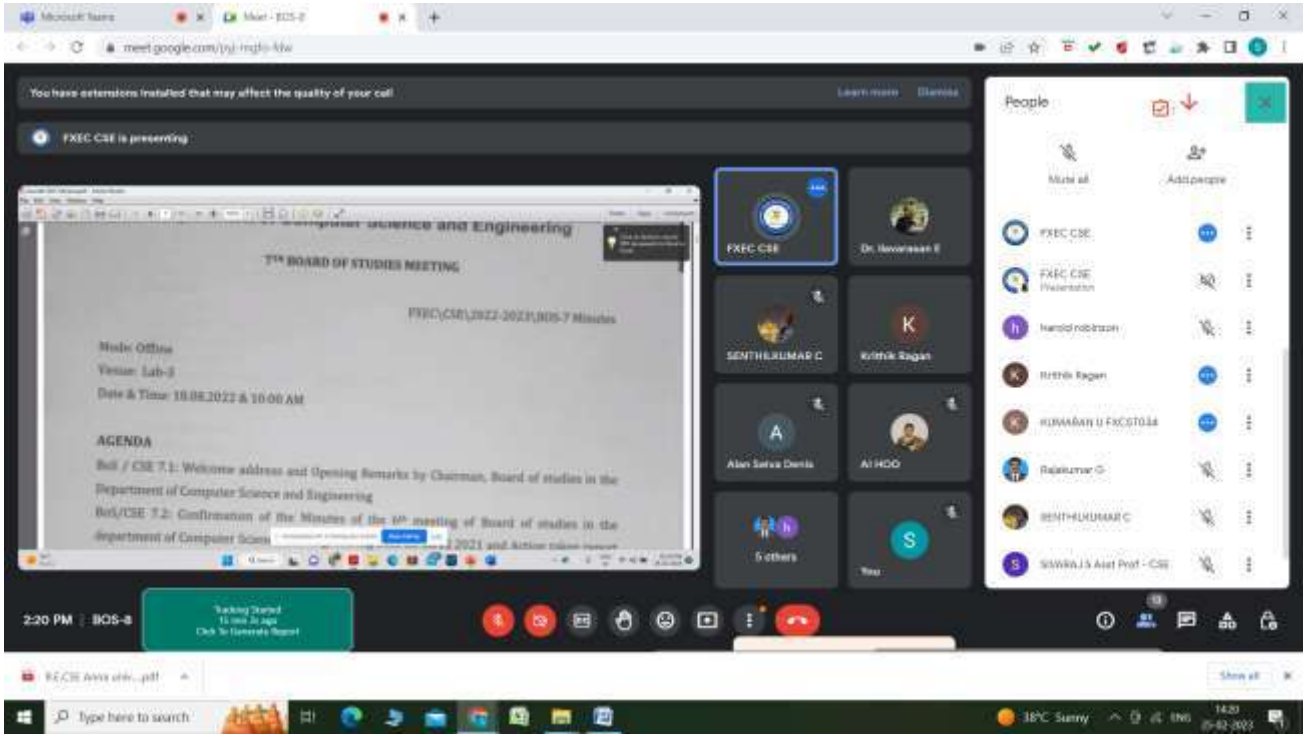
FXEC CSE is presenting
Agenda
Welcome Address and Opening Remarks
Review of the Minutes of the 7th meeting of the Board of Studies
Curriculum and Syllabus for Regulation 2021 for B.E CSE (5th Semester)
Minor Courses
NPTEL Courses
Value Added Courses
Any Other
People
Mute all
Add people
2:13 PM | BOS-8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FXEC CSE is presenting
7TH BOARD OF STUDIES MEETING
Mode: Offline
Venue: Lab-3
AGENDA
People
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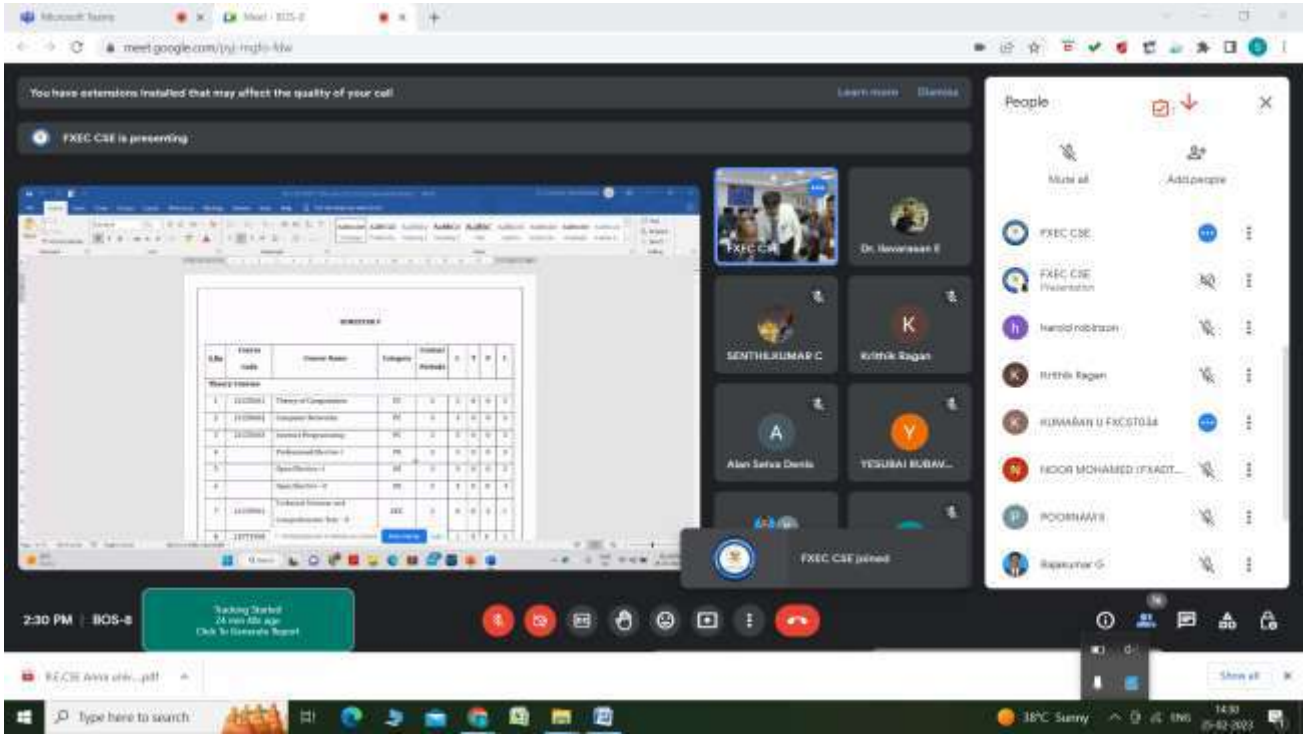
2:20 PM | BOS-8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FXEC CSE joined
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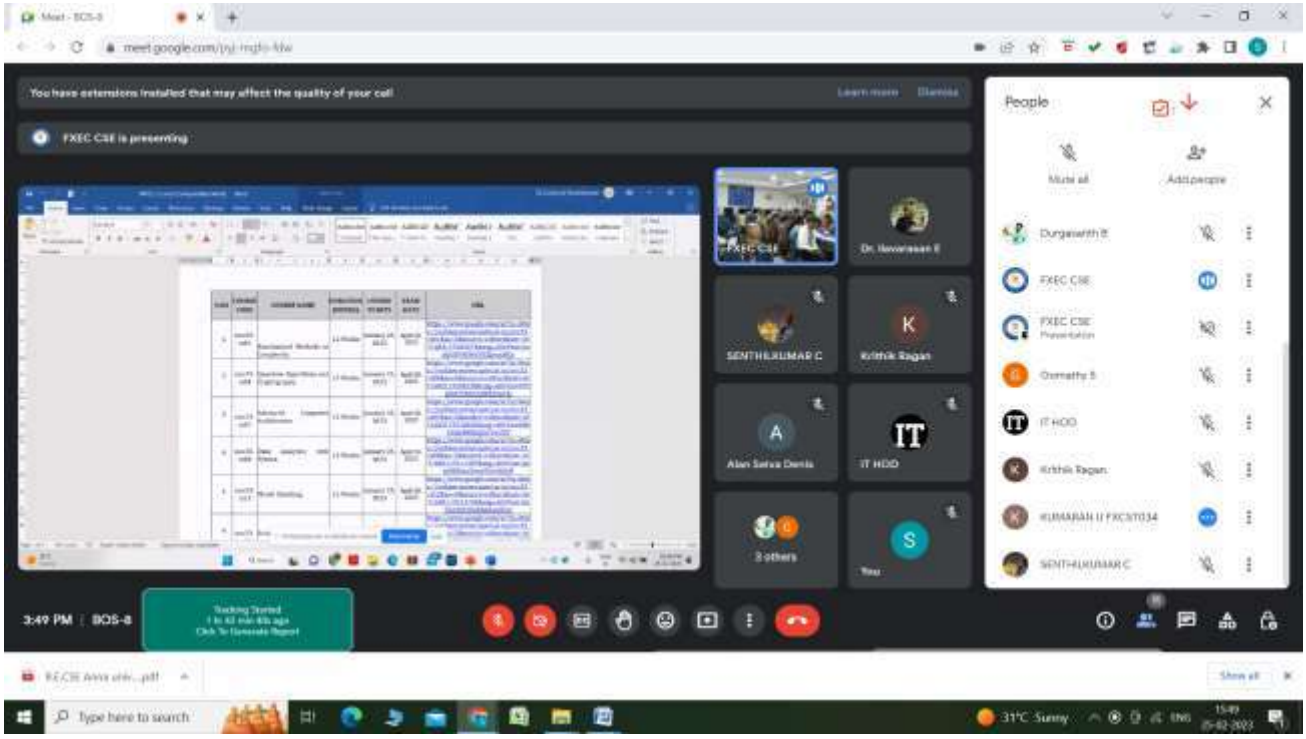
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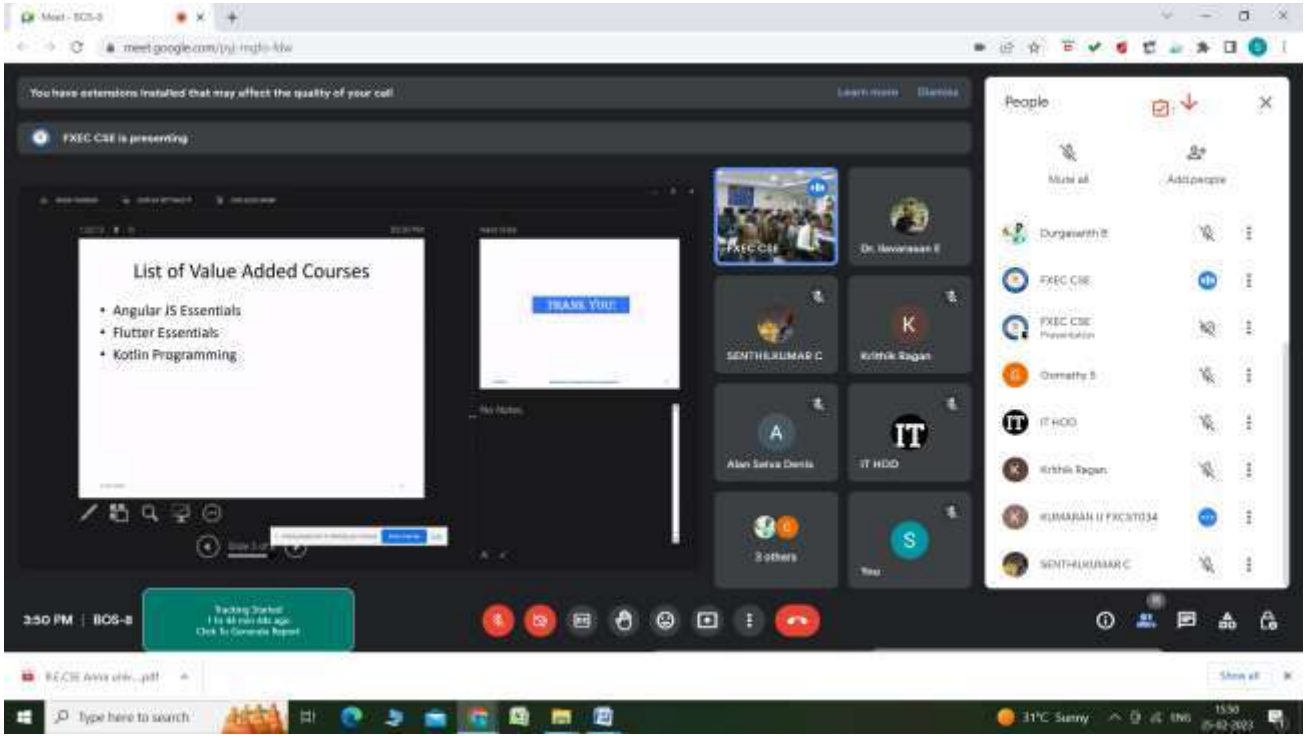

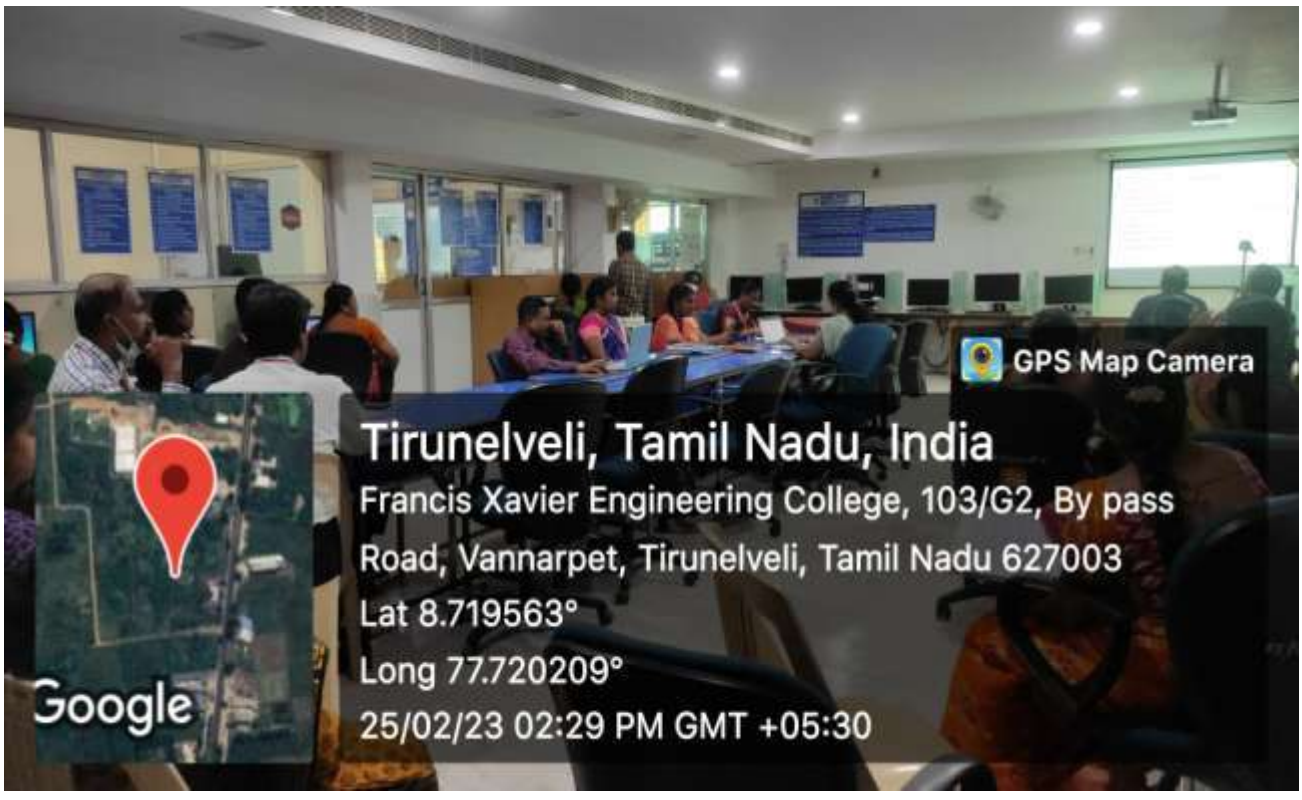

Minutes of the 8th Board of Studies Meeting

GPS Map Camera
Tirunelveli, Tamil Nadu, India
Francis Xavier Engineering College, 103/G2, By pass Road, Vannarpet, Tirunelveli, Tamil Nadu 627003
Lat 8.719563°
Long 77.720209°
25/02/23 02:43 PM GMT +05:30
Google