MINUTES OF THE EIGHTH BOARD OF STUDIES MEETING

DEPARTMENT OF INFORMATION TECHNOLOGY

Venue: CSE Lab-3 **Date & Time:** 25.02.2023 & 02:00 PM

The 8th Meeting of the Board of studies of the Department of Information Technology was held on 25th February, 2023 at 02.00 PM in the CSE – Lab 3 of the Francis Xavier Engineering College through Hybrid mode.

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

The Meeting was convened under the Chairmanship of **Dr.G.Aravind Swaminathan, HoD/CSE**

MEMBERS PRESENT

S.No	Name	External / Internal Members
1	Dr.G.AravindSwaminathan. Prof & Head Department of Computer Science and Engineering, Francis Xavier Engineering College Tirunelveli.	Chairman
2	Dr J.B. Shajilin Loret Associate Professor & Head Department of Information Technology, Francis Xavier Engineering College Tirunelveli.	HoD - IT
3	Dr. C.Senthil Kumar, Associate Professor, Department of Computer Science and Engineering, Thiagarajar College of Engineering, Madurai.	External – Anna University Nominee
4	Dr.E.Illavarasan,Professor, Department of Computer Science and Engineering, Puducherry Technological University, Pondicherry – 605014.	External – Academic Expert
5	Dr.D.Murugan, Professor, Deparment of Computer Science and Engineering, Manonmanium Sundaranar University, Tirunelveli – 627012	External – Academic Expert
6	Mr.B.Durgasanth, Technical Lead, Rishon Communication Technologies, Tirunelveli	External – Industrial Expert

7	Mr.A.AlanSelva Denis, Team Leader, HCL Technologies, Chennai	External – Alumni
8	Dr. L R Priya, Professor/Academics	Internal
9	Dr. Rajakumar M COE & Professor/ECE	Internal
10	Dr. M Caroline Viola Stella Mary, Prof/IT	Internal
11	Mr. G.Prince Devaraj, Associate Prof / IT	Internal
12	Dr T C Subbulakshmi, Asso. Prof/IT	Internal
13	Mr. AntoTheepak T, Asso. Prof/IT	Internal
14	Dr.L.Gandhimathi, AP /IT	Internal
15	Dr.A.Jainul Fathima, AP / IT	Internal
16	Ms Agnes Joshy S AP/IT	Internal
17	Ms Monica Esther J, AP/IT	Internal
18	Ms.T.Nancy Lydia, AP /IT	Internal
19	Ms.Nishan A H, AP / IT	Internal
20	Ms.P.Sathya AP/IT	Internal
21	Mr. Richard Singh Samuel, AP/IT	Internal

MINUTES OF MEETING

BOS Chairman Prof. Dr. G. Aravind Swaminathan welcomed the members of the Board of Studies. Dr. J.B Shajilin Loret – HoD / IT highlighted the importance of the Eighth board of Studies meeting. She requested the University Nominee and other Expert members to give valuable suggestion in finalizing the curriculum and syllabi of 5 th semester for new regulation 2021 for B.Tech – Information Technology, in exercise of autonomy.

Prof Dr. J B. Shajilin Loret, HOD/IT welcome the Board of Studies external members University Nominee, Expert members, an industry member and an alumnus of the college. The HOD - IT outlined the agenda for discussion in the meeting.

Agenda:

Item No.	Particulars
Item: 8.1	Meeting Minutes of BoS meeting VII
Item: 8.2	Curriculum of B.Tech – Information Technology (2021 Regulation)
Item 8.3	Syllabi of V Semester
Item 8.4	Syllabus for Professional Elective I & 2
Item: 8.5	List of NPTEL Courses
Item: 8.6	Industrial Supported Courses
Item: 8.7	Value Added Courses
Item: 8.8	Department Specific Mandatory Skills
Item: 8.9	Open Electives
Item: 8.10	Others

Item: 8.1: Meeting Minutes of BoS Meeting VII

- The HOD – IT presented the updations carried out as per the suggestions given in BoS Meeting VII. The comments received have been incorporated and placed for confirmation. The same was approved by the BOS members.

Item: 8.2: Curriculum of B.Tech Information Technology (2021 Regulation)

- The HOD – IT presented the credit distribution of the curriculum of B.Tech Information Technology of Regulation 2021.

S. No	CATEGORY	CREDITS PER SEMESTER									TOTAL CREDITS
		I	II	III	IV	V	VI	VII	VIII		
1	HSSM	3	2		3			3		11	6
2	BS	12	4	4						20	4
3	ES	5	13	4						22	4
4	PC			15	20	13	6	4		58	58
5	PE					6	6	9		21	21
6	OE					3	6	3		12	12
7	EEC			1	1	1	5		10	18	18
	TOTAL	20	19	24	24	23	23	19	10	162	123

- The members enquired about the professional elective streams and it was presented and justified by the HOD – IT. The Board Members appreciated the categorization of streams of professional electives.

Item: 8.3: Syllabi for Semester V

- The HOD – IT presented the syllabus for professional core subjects of 5 th semester B.Tech Information Technology of Regulation 2021.
- 21IT5602 : Microprocessor and Micro controller, the panel enquired about the inclusion of exercise with arm microcontroller
- 21IT5603: Web Technology and its application, the panel suggested to include application and case studies of web in unit 5 and appropriate should be incorporated in COPO sheet.

- The HOD – IT clarified that all the laboratory courses end with the project for Regulation 2021.

Item: 8.4: Syllabus for Professional Elective I & II

- The BOS members discussed about the wider options of electives to select for the students. The HOD explained the regulation benefits, which facilitates the students to opt the course based on their willingness. If the enrolment of the course is less, then it will be offered as the Guided Study Course.
- The panel suggested refining the syllabus of the course 21IT5706 – Advanced Programming with HTML & CSS. The experts suggested to combine 21IT5714 – Programming in JavaScript with the course. The panel recommended to verify the CO PO Mapping of all the professional elective courses..

Item: 8.5: List of NPTEL Courses

The HOD – IT presented the list of NPTEL Online Courses for R 2019 and R2021 for the Academic year 2022-2023 for approval. If the students complete the online course, he / she may go for credit transfer of one Professional elective in the forthcoming semesters. The list of NPTEL courses presented was approved.

S.No	Course Id	Course Name	Duration	Start date	End date	Exam date
Regulation 2021 Students						
1	noc23-cs50	Programming in Modern C++	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
2	noc23-cs35	Advanced Computer Networks	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Regulation 2019 Students						
1	noc23-cs44	Ethical Hacking	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
2	noc23-cs45	Natural Language Processing	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
3	noc23-cs47	Blockchain and its Applications	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
4	noc23-cs56	Deep Learning	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
5	noc22-cs08	Data Analytics with Python	12 weeks	January 23, 2023	April 14, 2023	April 30, 2023

Item: 8.6: Industry Support Courses

The HOD – IT presented the following list of Industry supported courses. This course is offered with the guidance of industry experts from Incrix techlutions Pvt.Ltd. and the syllabus for the courses were framed by the industry experts for 2 credits.

1. Front end Web Development with React JS
2. Data Visualization and Machine Learning.

The syllabus was presented in the BOS and the panel approved the syllabus.

Item: 8.7: Value added Courses

The HOD – IT presented the list of value added courses

1. **Full Stack Mobile Application with Flutter**
2. **Server side Application with NodeJS**

The syllabus of Value added courses were presented and approved by the panel. The Students can earn 2 credits on completion of the course.

Item: 8.8: Department Specific Mandatory skill Courses

The department specific mandatory skill course for III semester and V semester were presented by HOD – IT. The following list of courses and Syllabus were approved by the panel. On completion of any one of the courses the Students can earn 2 credits

1. **Essential of Linux system administration.**
2. **Version Control System: Git.**

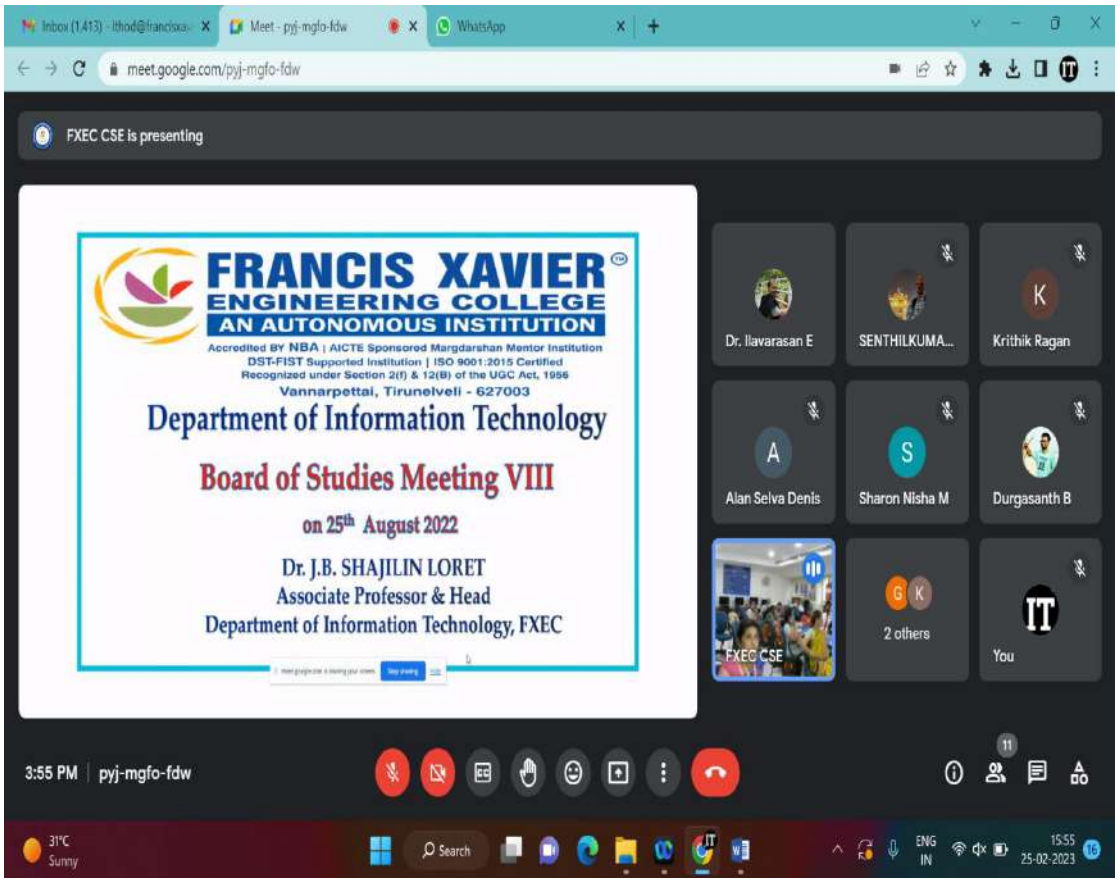
Item: 8.9: Open Electives

The list of open electives subjects were presented by HOD-IT. The Syllabus for the Open Elective is approved by the Panel Members.

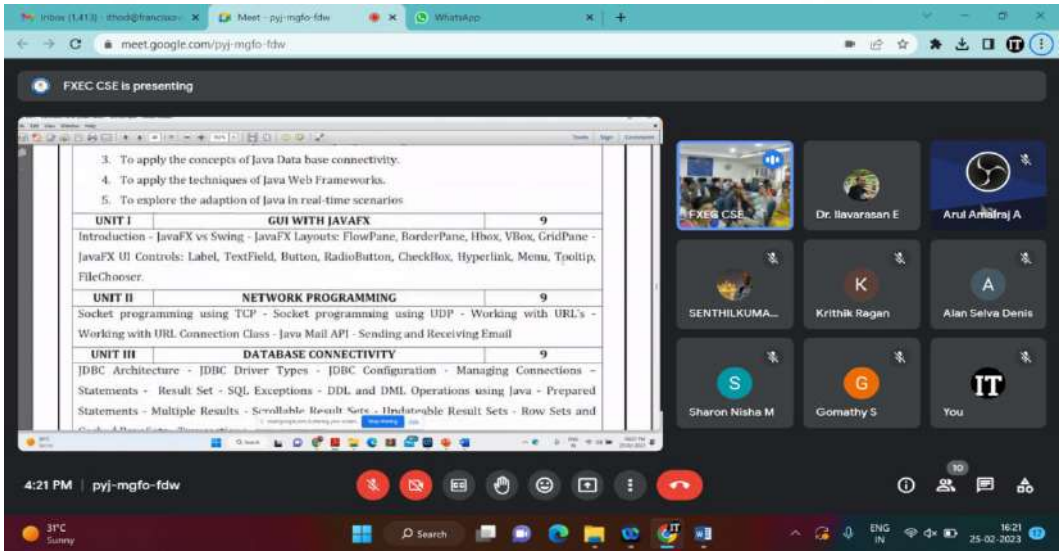
The meeting concluded by 6:00 PM and the chairman of the board thanked all the BOS Members for their valuable suggestions and contribution in the fine tuning of the syllabus for new regulation 2021 of B.Tech – Information Technology.

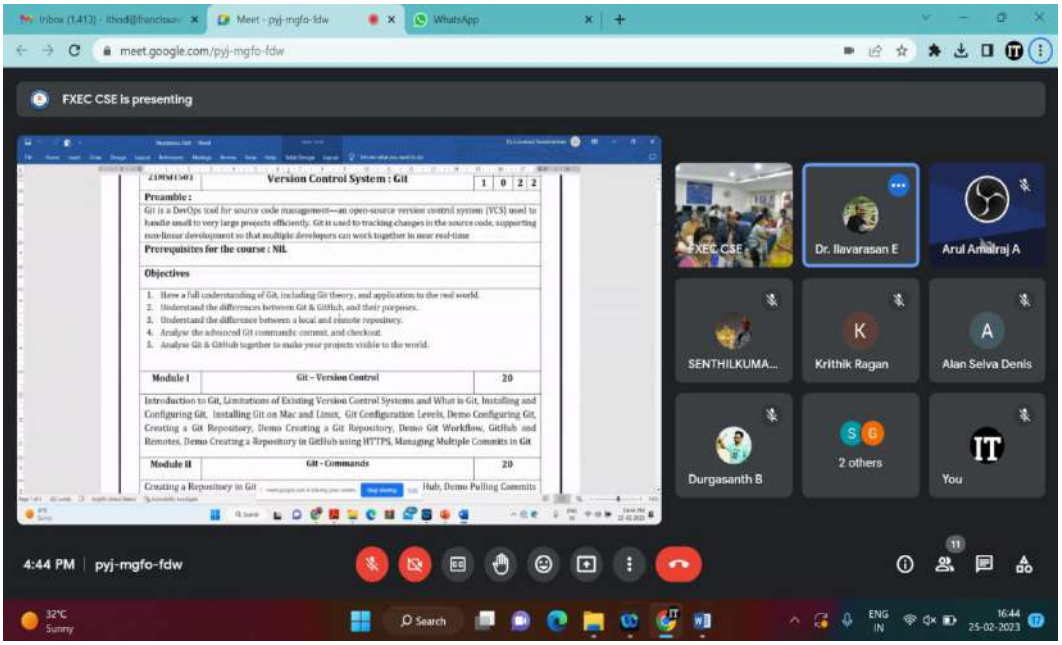
Prof. Dr.G. Aravind Swaminathan
BOS– Chairman

SCREENSHOT FOR THE EIGHTH BOARD OF STUDIES MEETING HELD ON 25thFEBRUARY 2023



Department of Information Technology





ATTENDANCE FOR THE EIGHTH BOARD OF STUDIES MEETING HELD ON

25th FEBRUARY 2023 AT 2:00 PM

VENUE: CSE LAB 3 (NETWORKS LAB)

S.No	Name	External / Internal Members	Signature
1	Dr.G.AravindSwaminathan. Prof & Head Department of Computer Science and Engineering, Francis Xavier Engineering College Tirunelveli.	Chairman	
2	Dr. J.B. Shajilin Loret Associate Professor & Head Department of Information Technology, Francis Xavier Engineering College Tirunelveli	HoD - IT	
3	Dr. C.Senthil Kumar, Associate Professor, Department of Computer Science and Engineering, Thiagarajar College of Engineering, Madurai.	External – Anna University Nominee	
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