

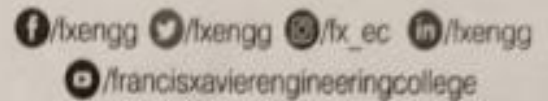


FRANCIS XAVIER[™] ENGINEERING COLLEGE AN AUTONOMOUS INSTITUTION

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Department of Computer Science and Engineering

FXEC\CSE\2019-2020\BOS-2 Minutes

Minutes of the Second Board of Studies Meeting

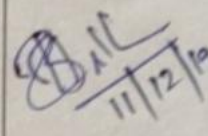
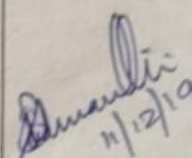
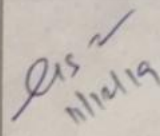
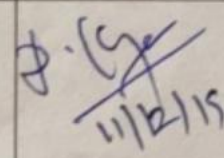
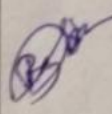
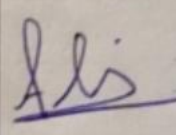
Date : 11.12.2019

Time : 10:00 am

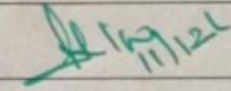
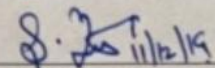
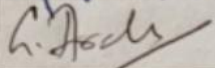
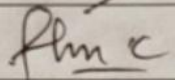
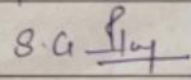
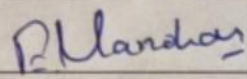
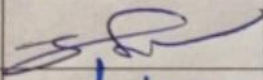
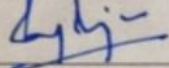

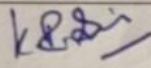

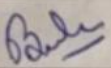
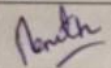
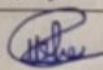

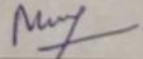
Venue : CSE Seminar Hall

The Board of Studies Meeting of **COMPUTER SCIENCE AND ENGINEERING** Department was convened under the chairmanship of **Prof.P.Brundha**, Associate Professor and Head / Computer Science and Engineering Department of Francis Xavier Engineering College in the CSE Seminar Hall on 11th December, 2019 at 10:00 am.

External Members present:

S. No	Members as per UGC Norms	Members Nominated	Signature
1	Head of the Department concerned (Chairman)	Prof. P.Brundha, Professor/Head, Department of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli	 11/12/19
2	One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal	Dr.S.Padmavathi Professor, Department of Information Technology, Thiagarajar College of Engineering, Madurai-625015	 11/12/19
3	Two experts in the subject from outside the college nominated by the Academic Council	Dr.E.IIavarasan Professor/CSE, Pondicherry University, Pondicherry- 605014.	 11/12/19
		Dr.D Murugan Professor/CSE, Manonmanium Sundaranar University, Tirunelveli-627012	 11/12/19
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 System Engineer Tata Consultancy Services Chennai -603103	

Internal Members Present :

S. No	Name of the Member	Designation	Signature
1.	Dr.D.C.Joy Winnie Wise	Professor& Principal	
2.	Dr.S.Balaji	Professor/CSE	
3.	Dr.G.Aravind Swaminathan	Professor/CSE	
4.	Dr.C.Gopala krishnan	Professor/CSE	
5.	Dr.S.Gomathi	Assoc. Prof./ CSE	
6.	Dr.E.Manohar	Assoc. Prof./ CSE	
7.	Mr.K.Sivakumar	Assoc. Prof./ CSE	
8.	Mr.S.Malaiarasan	AP/ CSE	
9.	Mrs.N.Raja Priya	AP/ CSE	
10.	Mrs.K.Rajasundari	AP/ CSE	
11.	Mrs.P.Jenifer	AP/ CSE	
12.	Mrs.P.J.Beslin Pajila	AP/ CSE	
13.	Mrs.B.Benita	AP/ CSE	
14.	Mrs.M.Sharon Nisha	AP/ CSE	
15.	Mrs.V.Perathu Selvi	AP/ CSE	AB
16.	Mr.J.A.Jevin	AP/ CSE	
17.	Mr.M.Mukesh krishnan	AP/ CSE	

S. No	EX OFFICIO MEMBERS
1	Principal, Francis Xavier Engineering College, Tirunelveli
2	Professor Academics, Francis Xavier Engineering College, Tirunelveli
3	Controller of Examinations, Francis Xavier Engineering College, Tirunelveli

Dr.G.Aravind Swaminathan, Professor/CSE, welcomed the members of the Board of Studies.

The Chairman of the board Prof.P.Brundha, HOD/Computer Science and Engineering introduced the external members of "Board of Studies" which includes a University Nominee, Expert members, an industry member and an alumni of the college. The Chairman outlined the agenda for discussion in the meeting. The internal members introduced themselves to the Board of Studies.

Agenda :

Item No.	Particulars
Item : 1.1	Curriculum and Syllabi of B.E Computer Science and Engineering
Item : 1.2	Curriculum and Syllabi of M.E Computer Science and Engineering
Item : 1.3	Curriculum and Syllabi of M.E Computer Science and Engineering (With Specialization in Networks)
...	...

Suggestion:**Dr.S.Padmavathi**

- High, Medium and Low must be included in CO and PO mapping instead of the cross symbol, High Medium Low should be mapped with scaling.
- POs1 to 12 must be specified not a to I. PSO must be reframed by clubbing with all POs .
- In Blooms Taxonomy, the keyword "Evaluate" in CO will also be in higher level, so it should be mapped with PO3 or PO4 .
- Course Outcomes must be checked for all the subjects
- In 5th semester Course 19CS5611-System Analysis and Design Laboratory recent open source tools such as ArgoUML can also be used in addition to Rational rose software
- Include more Recent editions of text books and reference books for all the subjects in 5th and 6th semester
- In 5th semester Professional Electives-I, the course 19CS5701-Web Technology syllabus should be reframed as such it can be handled each unit with 9 hours
- In 5th semester Professional Electives-I, the course 19CS5702-Database Tuning, instead of specifying case studies as a separate unit include the case studies in each unit
- In 6th semester Professional Electives-IV the following courses E learning, Middleware Technologies and Software Agents can be replaced with Cyber Security, Internet of Things and Open Source Software/agile respectively
- In 7th Semester Professional Electives-VI the course,19CS7707- Internet of Things can be replaced with Deep learning
- In 7th Semester Professional Electives-VI the course,19CS7710- R programming can be renamed as Data Analytics using R
- In 8th Semester Professional Electives-VII, the course 19CS8701- Cyber Forensics and its tools can be replaced with Block Chain Technology
- In 8th Semester Professional Electives-VIII, the course 19CS8707-Multi-core Architectures and Programming can be renamed as 19CS8707-Multi-core Architectures
- In 8th Semester Professional Electives-VIII, the course 19CS8710-Integrated Product Development can be replaced with the course Bio Informatics

- In 5th semester Open Electives-I, the course 19CS5801-Introduction to Database can be renamed as Database Systems, the course 19CS5802-Fundamentals of Software Engineering as Principles of Software Engineering and the course 19CS5803- Introduction to Data Structures as Programming and Data Structures
- In 6th semester Open Electives-II the course 19CS6801-Java Fundamentals can be renamed as Java Programming and the course 19CS6804-Introduction to Computer Organization as Digital Computer Organization
- In 7th Semester Open Electives-III 19CS7801-Fundamentals of Cloud Computing can be renamed as Cloud Computing Technologies and the course 19CS7802- Block chain Technology as Problem Solving Techniques
- In 8th Semester Open Electives-IV the course 19CS8801-Introduction to genetic Algorithm must be replaced by the course Operating System Concepts and the course 19CS8803-Deep learning by the course 19CS7805- Data Science

Suggestion:

Dr.E.Ilavarasan

- He suggested in 5th Semester Professional Electives-I the course 19CS5703-Data Science, where the contents from Data mining can be replaced with machine learning concepts
- In 7th Semester Professional Electives-V the course,19CS7704-Cloud Computing and Virtualization can be renamed as Cloud Computing
- In 8th Semester Professional Electives-VIII, the course 19CS8707-Multi-core Architectures and Programming and 6th semester Professional Electives-III, the course 19CS6701-Parallel Computing see to that the contents in the syllabus should not be repeated
- He suggested to include more recent editions as text books, reference books and E-books

Suggestion:

Dr.D Murugan

- The Topics related to recent advancements in the following courses such as 19CS7802- Block Chain Technologies, 19CS8703-Full Stack and Cyber Security can be added
- In 8th Semester Open elective-IV the course 19CS8801-Introduction to genetic Algorithm must be replaced by the course Operating System Principles and the course 19CS8803-Deep learning by the course Data Science
- List of Electives can be referred from AICTE Websites

Suggestion:

Mr.B.Durgasanth

- Web security based development is needed with the knowledge of Programming Languages such as Python, C, Java, FOSS which are included in the curriculum and so that it will be highly helpful for the blooming engineers to develop and groom their programming skills.

Suggestion:

Mr.A.Alan Selva Denis

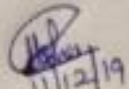
- He expressed that in the industries Full stack, IOT, Big Data, Block Chain Technology, Cloud, Azure, AWS and Snowflake(open source cloud storage) are largely being used and it is appreciable that the blooming technologies are added in the curriculum.

Item : 1.2	Curriculum and Syllabi of M.E Computer Science and Engineering
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- The Feedback for the First semester courses were discussed and further no amendment was needed

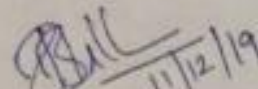
Item : 1.3	Curriculum and Syllabi of M.E Computer Science and Engineering (With Specialization in Networks)
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- The Feedback for the First semester courses were discussed and further no amendment was needed


11/12/19

Member Secretary

Mrs.M.Sharon Nisha ,AP/CSE


11/12/19

Chairman

Board of Studies

Department of

Computer Science and Engineering

Head of the Department