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Department of Computer Science and Business Systems

3rd BOARD OF STUDIES MEETING

FXEC\CS&BS\2022-2023\BOS-3

Minutes

Mode: Offline

Venue: Lab-3

Date & Time: 18.08.2022 & 12:00 PM

AGENDA

BoS / CS&BS 3.1: Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Computer Science and Business Systems

BoS/CS&BS 3.2: Confirmation of the Minutes of the meeting of Board of studies in the department of Computer Science and Business Systems held on 19.01.2022 and Action taken report of 2nd meeting of Board of studies

BoS /CS&BS 3.3: Business brought forward by the Chairman, Board of Studies

3.3.1 Vision , Mission, Curriculum & Syllabus for R2021 B.E Computer Science and Business Systems (1st, 2nd ,3rd and 4th Semester)

3.3.2 Specialization /Minor Courses from 4th semester R2021

3.3.3 NPTEL Courses from 4th semester R2021

BoS / CS&BS 3.4: Suggestions given by the BOS Members

BoS / CS&BS 3.5: Any other items for discussion

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
MINUTES OF THE MEETING

The 3rd Meeting of the Board of studies of the Department of Computer Science and Business Systems was held on 18th August 2022 at 12 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,
   Madurai-625015

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 Member
   Mr.A.Alan Selva Denis
   Technical Lead,
   HCL Technologies,
   Chennai -600119

6. Internal Members

S.No	List of Staff Members	Designation	Signature
1.	Dr.S.Gomathi	Professor	s. li Sy
2.	Mrs.A.Anitha	AP.	
3.	Mrs.C.Rukumathi	AP.	
4.	Dr.Manimozhi (Prof/Maths)		
5.	Mrs.Reshiya (AP/Maths)	AP	

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 Assistant Professor, Mrs.B.Benita and Professor Dr.Yesubhai Rubavathy welcomed the gathering

BoS / CS&BS 3.1: 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 3rd Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.

BoS /CS&BS 3.2: TO CONFIRM THE MINUTES OF SECOND BOS MEETING HELD ON 19.01.2022

The minutes of the second Board of Studies meeting held on 19.01.2022 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 6th Academic Council.

BoS / CS&BS 3.3: Business brought forward by the Chairman, Board of Studies

BoS / CS&BS 3.3.1: TO CONFIRM AND APPROVE the Vision , Mission , PEO, PSO Curriculum & (1st, 2nd ,3rd and 4th Semester)

8 Semesters Curriculum and 4 Semesters Syllabus were framed and it was presented by the HOD/ CS&BS

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

BoS / CS&BS 3.3.2: TO CONFIRM AND APPROVE the Specialization/Minor Courses

The Specialization/ Minor Courses in Big Data Analytics has been proposed and 2 Theory Courses, 2 Theory cum Practical courses and one Project work with 18 credits and their syllabus was presented by the HOD/CS&BS

✓ RESOLVED TO APPROVE the Specialization/Minor Courses

BoS / CS&BS 3.3.3: TO CONFIRM AND APPROVE the NPTEL Courses

The Expert members suggested providing provision to take NPTEL Online Courses from 4th semester onwards.

✓ RESOLVED TO APPROVE the NPTEL Courses

BoS / CS&BS 3.4: Suggestions Given by the Members
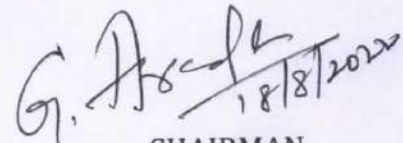
R2021 B.E Computer Science and Business Systems

3.4.1 Dr.C.Senthil Kumar, University Nominee also added that the recent inclusion in the technology are also included in the syllabus

3.4.2 Dr.C.Senthil Kumar, suggested that in the forthcoming regulations the subjects can be allocated specific for CSBS Department

3.4.3 Mr.Durgasanth Suggested that OOPs knowledge will be useful in prior to the study of Python

3.4.4. 21CS3601- Computer Architecture related lab experiments has to be included if possible

3.4.5 21CB3601 - Object Oriented Programming in Unit 5 ODBC concepts has to be included

3.4.6 Also Python can be provided in advance for CSBS Department such as Python for Data Science

3.4.7 Mr.A.Alan Selva Denis, Alumni member Suggested that Scenario based programming questions has to be included in the lab Syllabus
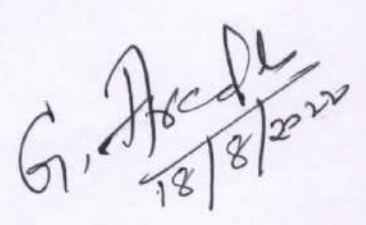
BoS / CSE 3.5: Any other items for discussion

3.5.1   Specialization/Minor Courses, Elective course Syllabus was presented and the expert members approved the same

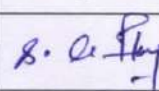3.5.2   The Expert members suggested providing provision to take NPTEL courses from 4th semester onwards

Dr.G.Aravind Swaminathan, Professor/Board Chairman 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, Madurai-625015	
3	Two experts in the subject from outside the college	Dr.E.Ilavarasan Professor/CS&BS, Pudhucherry Technological University(Formally Pondicherry Engineering College),	

Minutes of the 3rd Board of Studies Meeting

S. No	Members as per UGC Norms	Members Nominated	Signature
	nominated by the Academic Council	Pondicherry- 605014.	
		Dr.D Murugan Professor/CS&BS, 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	List of Staff Members	Designation	Signature
6.	Dr.S.Gomathi	HOD/CSBS	
7.	Mrs.A.Anitha	AP/CSBS	
8.	Mrs.C.Rukumathi	AP/CSBS	
9.	Dr.Manimozhi (Prof/Maths)	AP/CSBS	
10.	Mrs.Reshiya (AP/Maths)	AP/CSBS	

Specialization/ Minor Courses (Big data Analytics)

S.No	Course Code	Course Name	L	T	P	C	H
Theory Course							
1	21CB-01	Big Data Frameworks	3	0	0	3	3
		Elective	3	0	0	3	3
Theory cum Practical Courses							
1	21CB -02	Mining Massive Data	2	0	4	4	4
3	21CB-03	Big data computing for Business Analytics	2	0	4	4	4
Practical Course							
1.	21CB-04	Project work	0	0	8	4	8
		Total	10	0	16	18	22
Elective Courses							
1	21CB-05	Exploratory Data Analysis	3	0	0	3	3
2	21CB-06	Information Visualization	3	0	0	3	3
3	21CB-07	Predictive Analytics in Business	3	0	0	3	3

LIST OF NPTEL COURSES

S.NO	COURSE CODE	COURSE NAME	DURATION (WEEKS)	COURSE STARTS	EXAM DATE	URL
1.	noc22-cs62	Computational Number Theory and Algebra	12 Weeks	Jul 25, 2022	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs62/preview
2.	noc22-cs67	Artificial Intelligence : Search Methods For Problem solving	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs67/preview
3.	noc22-cs75	Reinforcement Learning	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs75/preview
4.	noc22-cs76	Deep Learning for Computer Vision	12 Weeks	Jul 25, 2022	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs76/preview
5.	noc22-cs77	Introduction to Game Theory and Mechanism Design	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs77/preview
6.	noc22-cs81	Parameterized Algorithms	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs81/preview
7.	noc22-cs82	Getting Started with Competitive Programming	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs82/preview
8.	noc22-cs83	Applied Accelerated Artificial Intelligence	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs83/preview
9.	noc22-cs87	Cloud Computing	12 Weeks	Jul 25, 2022	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs87/preview
10.	noc22-cs89	Computer Vision	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs89/preview
11.	noc22-cs95	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks	Jul 25, 2022	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs95/preview
12.	noc22-cs98	Natural Language Processing	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs98/preview
13.	noc22-cs103	Programming In Modern C++	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs103/preview
14.	noc22-cs104	Real-Time Systems	12 Weeks	Jul 25, 2022	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs104/preview
15.	noc22-cs113	Secure Computation: Part II	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs113/preview
16.	noc22-cs116	Algorithmic Game Theory	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs116/preview

17.	noc22-cs120	Statistical learning for Reliability Analysis	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs120/preview
18.	noc22-cs125	Design & Implementation of Human-Computer Interfaces	12 Weeks	Jul 25, 2022	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs125/preview
19.	noc22-cs126	Computational Complexity	12 Weeks	Jul 25, 2022	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs126/preview