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Department of Information Technology

MINUTES OF THE THIRD BOARD OF STUDIES MEETING IN INFORMATION TECHNOLOGY DEPARTMENT HELD ON 30th JULY 2020 AT 2.00P.M IN GOOGLE MEET

The third board of studies meeting of Information Technology Department was convened under the Chairmanship of **Professor. Ms T C Subbulakshmi HoD/IT** of Francis Xavier Engineering College via online (Google Meet) on 30th July 2020 at 02:30 PM

MEMBERS PRESENT

S.No	Name	External/Internal Member
1.	Prof T C Subbulakshmi Associate Professor & Head Department of Information Technology Francis Xavier Engineering College Tirunelveli.	Chairman
2	Dr. Dejey Assistant Professor , Department of Computer Science and Engineering University College of Engineering Nagercoil	External Anna University Nominee
3	Dr B Ramadoss Professor (HAG) Department of Computer applications National Institute of Technology Trichy.	External
4	Dr.Ka.Selvaradjou Professor, Department of Computer Science and Engineering Pondicherry Engineering College Puducherry.	External
5	Mr. C.Karthikeyan CEO & Trainer – Skilll Rack Director, Peecee Castle Services Ltd. Bangalore	Industry Expert
6	Ms Abinaya Devi N Business analyst IBM Chennai	External Alumni

7	Dr. Rajakumar M COE & Professor/ECE	Internal
8	Dr.L R Priya Professor/Academics	Internal
9	Dr Ravi R, Prof/IT	Internal
10	Dr. M Caroline Viola Stella Mary, Prof/IT	Internal
11	Dr A Anitha, Prof/IT	Internal
12	Mr Prince Devaraj G, Asso. Prof/IT	Internal
13	Mr AntoTheepak T, Asso. Prof/IT	Internal
14	Mr Joseph Pushparaj D Prof/IT	Internal
15	Ms Agnes Joshy S AP/IT	Internal
16	Ms Monica Esther J, AP/IT	Internal
17	Ms Westring Hannah M, AP/IT	Internal
18	Dr. Tino Merlin, AP/IT	Internal
19	Dr. A Jainul Fathima, AP/IT	Internal

MEMBERS ABSENT

1. Mrs. G. Thiraviaselvi
   Assistant Professor / I.T.

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MINUTES OF MEETING

Chairman and Professor **Subbulakshmi T C** welcomed the members of the Board of Studies and highlighted the importance of the third Board of Studies meeting. She pointed out that the local need is to strengthen **Communication, Analytical Ability and Industrial Exposure** (Either through industrial projects or attending in-plant training) of our students. She further requested the University Nominee and other Expert members to give due consideration to the local need while finalizing the curriculum and syllabi in exercise of autonomy.

The Chairman of the board **Ms Subbulakshmi T C**, HOD/IT introduced the external members of "Board of Studies" which includes a University Nominee, Expert members, an industry member and an alumnus of the college. 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	Meeting Minutes of BoS meeting II
Item: 1.2	Curriculum and Syllabi of B.Tech Information Technology – Professional Elective V, VI, VII and VIII.
Item 1.3	Curriculum and Syllabi of B.Tech Information Technology – Open Electives
Item 1.4	Others

Agenda 1.1: Meeting Minutes of BoS II

The chairman presented the updations and corrections incorporated in the syllabus as per the suggestions given in BoS I.

Agenda 1.2: Curriculum and Syllabi of B.Tech Information Technology - Professional Elective V, VI, VII and VIII.

   a.   19IT8704 – Agile Methodologies

Mr C Karthikeyan and Ms Abinaya Devi N suggested incorporating Devops as half of the syllabus and rest as the abstract of current syllabus.

b. 19IT7601 - Data Mining and Analytics

Dr Dejey on reviewing 19IT7601 - Data Mining and Analytics asked for the presence of associated lab. Ms T C Subbu Lakshmi stated that R tool is included in IV and V units of 19IT7801 - Fundamentals of Machine Learning. Dr B Ramadoss insisted to change the title as Data Mining and Predictive Analysis.

Agenda 1.3: Curriculum and Syllabi of B.Tech Information Technology – Open Electives

1. Open Elective I

   a. 19IT5803 - Information Technology Essentials

   Mr C Karthikeyan asked to include the portions on configuring ARecord and CName Record in a simple HTML page to be loaded in cloud providers like Amazon EC2 , Google App engine, etc.,. Ms T C Subbu Lakshmi explained that the part of the suggestion is included in Web Technology offered for IT department paper. Dr Selvaradjou Ka insisted that the suggested hands on experience may attract the Students towards learning.

   b. 19IT5804 - Database Programming in SQL

   Mr C Karthikeyan enquired for topics like Query Plan and Optimization in order to make the students differentiate the concepts like Join and sub query. He suggested incorporating that in V Unit of the syllabus.

   He further added to incorporate the concepts needed foe Web Service securities like SQLinjection, closing ports, Firewall etc.,

   c. 19IT5805 - Network Technologies and protocols

   Dr Selvaradjou Ka suggested to remove outdated concept SAN in Fibre Optics. Ms T C Subbu Lakshmi agreed to work on it.

2. Open Elective II

   a. 19IT5806 - Object Oriented Programming

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Mr C Karthikeyan found that the concepts like AWT, Swing are deprecated, so he insisted include JavaFX instead, as old applications only follow AWT and Swing. Ms T C Subbu Lakshmi stated that JavaFx will be incorporated in Unit V.

b. 19IT5809 - Introduction to Web Technologies

Mr C Karthikeyan suggested including scripting languages like React, AngularJS, QuickFix and JSON as part of the syllabus. He further suggested removing topics like XSL and XSLT as they are outdated. Ms T C Subbu Lakshmi promised to include TypeScript and JSON in Unit III and IV respectively.

c. 19IT5810 - Cyber Security Essentials

Dr Dejey felt that the first four units cover crime and law and the fifth unit covers Security. So she suggested focusing more on Security. She also added to include tools that help in assert learning.

3. Open Elective III

a. 19IT6801 - Client server computing and applications

Dr Selvaradjou Ka asked to restructure the entire syllabus to include lab components and suggested to reduce the number of Reference Books. Ms T C Subbu Lakshmi accepted to offer it as Theory cum Practical Course.

b. 19IT6802 - Software Testing Methodologies

Dr B Ramadoss asked to include the book "Art of Software Testing " by Myers Glern Ford as one of the text books.

c. 19IT6804 - Computer Aided Drug Design

Dr B Ramadoss suggested replacing the contents of fifth unit with Case Studies as it includes computational techniques.

d. 19I65805 - Fundamentals of IoT

Dr Selvaradjou Ka suggested to lesser the portions of Protocol & Architecture

4. Open Elective IV

a. 19IT7801 - Fundamentals of Machine Learning

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Ms Abinaya Devi N suggested categorizing the techniques under two headings namely: Supervised and Unsupervised. And also, she suggested elaborating on what kind of dataset the aforesaid techniques work well.

b. 19IT7804 - Block Chain Essentials

Dr Dejey suggested including case studies in V Unit of the syllabus.

Agenda 1.4: Others

a. Dr Selvaradjou Ka asked for the availability of paper named 3D Printing Technology, Ms T C Subbu Lakshmi stated that the aforesaid paper is available with Mechanical department, and the students can opt for it, she added to that.

b. Mr C Karthikeyan asked for the presence of functions like aggregations, class to class communication atleast in the form of UML. Ms T C Subbu Lakshmi stated that students will be doing the same in 19IT6901 - Mini Project.

c. Dr Selvaradjou Ka suggested including Android Application Development, IOT and Information Security exercises in 19IT6901 - Mini Project instead of 19IT6612 – Mobile Application Development Laboratory.

The BOS chairman consolidated the suggestions and deliberations discussed during the meeting and were accepted by the BoS members.

The meeting concluded at 4:30 P.M and the chairman of the board thanked all the BOS Members for their valuable suggestions and contribution in the fine tuning of Autonomous syllabus for Professional Electives V, VI, VII and VIII, and open electives.

30/7/2020

Prof.T.C.Subbu Lakshmi

BoS – Chairman

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4	Dr.Ka.Selvaradjou Professor, Department of Computer Science and Engineering Pondicherry Engineering College Puducherry.	External	
5	Mr. C.Karthikeyan CEO & Trainer – Skilll Rack Director, Peecee Castle Services Ltd. Bangalore	Industry Expert	C.Karthikaeyan
6	Ms Abinaya Devi N Business analyst IBM Chennai	External Alumni	N.Abinya Devi.

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