5TH BOARD OF STUDIES MEETING

Mode: Through Online (Meeting Link: http://meet.google.com/acv-bxhc-roi)
Venue: Google Meet
Date & Time: 23.06.2021 & 11:00 AM

AGENDA

BoS / CSE 5.1: Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Computer Science and Engineering

BoS/CSE 5.2: Confirmation of the Minutes of the 4th meeting of Board of studies in the department of Computer Science and Engineering held on 12.01.2021 and Action taken report of 4th meeting of Board of studies

BoS /CSE 5.3: Business brought forward by the Chairman, Board of Studies
   5.3.1 Curriculum & Syllabus for R2021 B.E Computer Science and Engineering
   5.3.2 Curriculum & Syllabus for R2021 B.Tech Computer Science and Business Systems
   5.3.3 Curriculum & Syllabus for R2021 ME Computer Science and Engineering
   5.3.4 Curriculum & Syllabus for R2021 ME Computer Science and Engineering (with Specialization in Networks)
   5.3.5 Specialization /Minor Courses from 5th semester R2019
   5.3.6 NPTEL Courses from 5th semester R2019

BoS / CSE 5.4: Suggestions given by the BOS Members

BoS / CSE 4.5: Any other items for discussion

Minutes of the 5th Board of Studies Meeting
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MINUTES OF THE MEETING

The 5th Meeting of the Board of studies of the Department of Computer Science and Engineering was held on 23rd June 2021 at 11 am through online.

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. S. Padmavathi
   Professor,
   Department of Information Technology,
   Thiagarajar College of Engineering,
   Madurai-625015

3. Academic Experts
   Dr. E. Ilavarasan
   Professor/CSE,
   Pondicherry Engineering College,
   Pondicherry- 605014.
   Dr. D Murugan
   Professor/CSE,
   Manonmaniam Sundaranar University,
   Tirunelveli-627012

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

5. Alumni Members
   Mr. A. Alan Selva Denis
   System Engineer
   Tata Consultancy Services
   Chennai -603103

Minutes of the 5th Board of Studies Meeting
6. Internal Members

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Member</th>
<th>Designation</th>
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<td>1.</td>
<td>Dr. R. Ravi</td>
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<td>Ms. R. Valarmathi</td>
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<td>21.</td>
<td>Mrs. A. Muthulakshmi</td>
<td>AP / CSE</td>
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Minutes of the 5th Board of Studies Meeting
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. J. Priskilla Angel Rani

**BoS / CSE 5.1: 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 4th Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.

**BoS / CSE 5.2: TO CONFIRM THE MINUTES OF FOURTH BOS MEETING HELD ON 12.01.2021**

The minutes of the Fourth Board of Studies meeting held on 12.01.2021 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 4th Academic Council.

**BoS / CSE 5.3: Business brought forward by the Chairman, Board of Studies**

**BoS / CSE 5.3.1: TO CONFIRM AND APPROVE the Curriculum & (1st and 2nd semester) Syllabus for R2021 B.E Computer Science and Engineering**

8 Semester Curriculum and 2 Semester Syllabus were framed and it was presented by the chairman BOS

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

**BoS / CSE 5.3.2: TO CONFIRM AND APPROVE the Curriculum & (1st and 2nd semester) Syllabus for R2021 B.Tech Computer Science and Business Systems**

8 Semester Curriculum and 2 Semester Syllabus were framed and it was presented by the chairman BOS

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

Minutes of the 5th Board of Studies Meeting
BoS / CSE 5.3.3: TO CONFIRM AND APPROVE the Curriculum & (1st and 2nd semester) Syllabus for R2021 M.E Computer Science and Engineering

4 Semester Curriculum and 2 Semester Syllabus were framed and it was presented by the chairman BOS

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

BoS / CSE 5.3.4: TO CONFIRM AND APPROVE the Curriculum & (1st and 2nd semester) Syllabus for R2021 M.E Computer Science and Engineering (with Specialization in Networks)

4 Semester Curriculum and 2 Semester Syllabus were framed and it was presented by the chairman BOS

✓ RESOLVED TO APPROVE the Curriculum & Syllabus for R2021 M.E Computer Science and Engineering [with Specialization in Networks]

BoS / CSE 5.3.5: TO CONFIRM AND APPROVE the Specialization/Minor Courses

The Specialization/ Minor Courses in Cyber Security 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 chairman BOS

✓ RESOLVED TO APPROVE the Specialization/Minor Courses

BoS / CSE 5.3.6: 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 core subjects in the overall curriculum were discussed

✓ RESOLVED TO APPROVE the NPTEL Courses

BoS / CSE 5.4: Suggestions Given by the Members

Semester -1 Syllabus for R2021 B.E Computer Science and Engineering

5.4.1 21GE1201- Matrices and Advanced Calculus, 21GE1301- Physics for Engineers, 21GE1401- Engineering Chemistry and 21GE1311- Physics and Chemistry Laboratory. The members suggested no changes

5.4.2 21GE1501- Problem Solving and Logical Thinking in C, the Subject name can be renamed as 21GE1501- Problem Solving and Logical Thinking Using C, more weight age can be added to Logical Thinking

5.4.3 21GE1511- Programming Practice Lab (in C) can also be renamed as Programming Practice Lab using C. Also, File Operations, Use cases as Case study can be included in the syllabus

Minutes of the 5th Board of Studies Meeting
Semester -2 Syllabus for R2021 B.E Computer Science and Engineering

5.4.4 21GE2502- Fundamentals of Electrical and Electronics Engineering, Logic Families topic can be added in Unit-4

5.4.5 21GE2501- Introduction to Computing Using Python, in the List of Experiments 2 more experiments in string can also be included

5.4.6 21CS2V03- Introduction to Cyber Security, include fundamentals of security in Unit 1

5.4.7 21CS2512- Computer Hardware and Software Tools Laboratory (Computer Workshop), in the title remove Contents inside bracket

5.4.8 The Curriculum and Syllabus for R2021 B.Tech Computer Science and Business Systems 1st and 2nd semester were common to B.E Computer Science and Engineering was no amendment were made except the Business Communication and Value Sciences-I which was replaced for English for Professional Communication and Business Communication and Value Sciences-II which was replaced for Technical Communication

5.4.9 The Curriculum and Syllabus for M.E Computer Science and Engineering was presented and approved

5.4.10 In M.E Computer Science and Engineering (with Specialization in Networks), the subject TCP/IP the title can be reframed as Protocols Design and standards or Protocol Architecture Design or Network Modeling and Protocols. It was suggested that the syllabus from other universities can also be referred.

BoS / CSE 5.5: Any other items for discussion

5.5.1 The Cyber laws and Software Documentation can also be included in the curriculum

5.5.2 Recent Advanced Technical subjects can also be included

The members had a brainstorming discussion, deliberation and interaction among themselves. After discussion, productive suggestions were incorporated appropriately in the UG and PG Curriculum and Syllabi.

Minutes of the 5th Board of Studies Meeting
Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

1. **RESOLVED TO APPROVE** the Curriculum and (1st and 2nd semester) Syllabus for R2021 B.E Computer Science and Engineering
2. **RESOLVED TO APPROVE** the Curriculum and (1st and 2nd semester) Syllabus for R2021 B.Tech Computer Science and Business Systems
3. **RESOLVED TO APPROVE** the Curriculum and (1st and 2nd semester) Syllabus for R2021 M.E Computer Science and Engineering
4. **RESOLVED TO APPROVE** the Curriculum and (1st and 2nd semester) Syllabus for R2021 M.E Computer Science and Engineering (with Specialization in Networks)
5. **RESOLVED TO APPROVE** the Minor/Specialization Courses from 5th semester R2019
6. **RESOLVED TO APPROVE** the NPTEL Courses from 5th semester R2019
   - The Regulation 2019 shift to Regulation 2021 curriculum mainly aims at regional or global level of students core placements and to knowledge transfer
   - The Total number of credit distribution is increased from 165 in R2019 to 168 in R2021
   - The Percentage change in the Category HSS is 4.5 in R2019 and 6.54 in R2021, BS is 14.5 in R2019 and 14.28 in R2021, ES is 13.9 in R2019 and 13.69 in R2021, PC is 35.75 in R2019 and 36.90 in R2021, PE is 14.5 in R2019 and 10.71 in R2021, OE is 7.3 in R2019 and 7.14 in R2021 and EEC is 9.1 in R2019 and 10.71 in R2021
   - The Subjects vary for R2019 in Theory cum practical courses is 2 subjects in third semester 19CS3501- Digital Systems and fourth semester 19CS4602- Operating System Concepts

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

\[ Signature \]

CHAIRMAN
BOARD OF STUDIES

Minutes of the 5th Board of Studies Meeting
## Attendance Sheet Table of Members:

<table>
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<tr>
<th>S. No</th>
<th>Members as per UGC Norms</th>
<th>Members Nominated</th>
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<tr>
<td>1</td>
<td>Head of the Department concerned (Chairman)</td>
<td>Dr. G. Aravind Swaminathan, Professor/Head, Department of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli</td>
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<td>2</td>
<td>One Expert nominated by the Vice Chancellor from a panel of six recommended by the college Principal</td>
<td>Dr. S. Padmavathi, Professor, Department of Information Technology, Thiagarajar College of Engineering, Madurai-625015</td>
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<td>3</td>
<td>Two experts in the subject from outside the college nominated by the Academic Council</td>
<td>Dr. E. Ilavarasan, Professor/CSE, Pondicherry Engineering College, Pondicherry- 605014.</td>
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<td>4</td>
<td>One representative from industry/corporate sector/allied area relating to placement</td>
<td>Dr. D Murugan, Professor/CSE, Manonmanium Sundaranar University, Tirunelveli-627012</td>
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<td>Mr. B. Durgasanth, Senior Software Development, Rishon Communication Technologies, Tirunelveli</td>
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Department of Computer Science and Engineering on 23.06.2021

Google online meet link: http://meet.google.com/acv-bxhc-roi

Minutes of the 5th Board of Studies Meeting
Minutes of the 5th Board of Studies Meeting
Daily Attendance Report for Class List: 2021-06-23
## Annexure - I

### Specialization/Minor Courses

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Minutes of the 5th Board of Studies Meeting
## LIST OF NPTEL COURSES

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Minutes of the 5th Board of Studies Meeting
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