Minutes of the Third Board of Studies Meeting

Date: 25.07.2020
Time: 11:15 am
Venue: Google Meet

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 Google meet on 25th July, 2020 at 11:15 am.
### External Members present:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Members as per UGC Norms</th>
<th>Members Nominated</th>
<th>Signature</th>
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</thead>
</table>
| 1     | Head of the Department concerned (Chairman) | Prof. P. Brundha,  
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. S. Padmavathi  
Professor,  
Department of Information Technology,  
Thiagarajar College of Engineering,  
Madurai-625015 |           |
| 3     | Two experts in the subject from outside the college nominated by the Academic Council | Dr. E. Ilavarasan  
Professor/CSE,  
Pondicherry University,  
Pondicherry- 605014. |           |
|       |                          | Dr. D Murugan  
Professor/CSE,  
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  
System Engineer  
Tata Consultancy Services  
Chennai -603103 |           |
<table>
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<tr>
<td>1</td>
<td>Head of the Department concern (Chairman)</td>
<td>Prof. P. Brundha, 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>Mr. A. Alan Selva Denis, System Engineer, Tata Consultancy Services, Chennai-603103</td>
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Internal Members Present:

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<tbody>
<tr>
<td>1.</td>
<td>Dr. S. Balaji</td>
<td>Professor/CSE</td>
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<td>2.</td>
<td>Dr. G. Aravind Swaminathan</td>
<td>Professor/CSE</td>
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<td>3.</td>
<td>Dr. S. Gomathi</td>
<td>Assoc. Prof./CSE</td>
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<td>4.</td>
<td>Dr. E. Manohar</td>
<td>Assoc. Prof./CSE</td>
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<td>Mr. K. Sivakumar</td>
<td>AP/ CSE</td>
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<td>Mrs. N. Raja Priya</td>
<td>AP/ CSE</td>
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<td>7.</td>
<td>Mr. S. Malaiarasan</td>
<td>AP/ CSE</td>
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<td>8.</td>
<td>Mrs. P. Jenifer</td>
<td>AP/ CSE</td>
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<td>Mrs. P. J. Beslin Pajila</td>
<td>AP/ CSE</td>
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<td>10.</td>
<td>Mrs. B. Benita</td>
<td>AP/ CSE</td>
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<td>11.</td>
<td>Mrs. M. Sharon Nisha</td>
<td>AP/ CSE</td>
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<td>12.</td>
<td>Mr. J. A. Jevin</td>
<td>AP/ CSE</td>
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<td>13.</td>
<td>Mr. M. Mukesh Krishnan</td>
<td>AP/ CSE</td>
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<td>Mr. M. A. Y. Peer Mohamed</td>
<td>AP/ CSE</td>
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<td>15.</td>
<td>Ms. R. Valarmathi</td>
<td>AP/ CSE</td>
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<td>S. No</td>
<td>EX OFFICIO MEMBERS</td>
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<tr>
<td>1</td>
<td>Principal, Francis Xavier Engineering College, Tirunelveli</td>
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<td>Professor Academics, Francis Xavier Engineering College, Tirunelveli</td>
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<td>3</td>
<td>Controller of Examinations, Francis Xavier Engineering College, Tirunelveli</td>
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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:

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<th>Item No.</th>
<th>Particulars</th>
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<td><strong>Item : 1.1</strong></td>
<td>Curriculum and Syllabi of B.E Computer Science and Engineering</td>
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<td><strong>Item : 1.2</strong></td>
<td>Curriculum and Syllabi of M.E Computer Science and Engineering</td>
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<td><strong>Item : 1.3</strong></td>
<td>Curriculum and Syllabi of M.E Computer Science and Engineering (With Specialization in Networks)</td>
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Suggestion:
Dr. S. Padmavathi

- In 7th Semester Professional Electives VII, 19CS5601-Full Stack can be renamed as Full stack Application Development
- In 8th Semester Open Elective IV 19CS8803- Data Science rename as Data Science Essentials and the syllabus can be reduced
- In all the subjects CO and PO mapping need to revisit
- Course outcomes for practical courses should be in higher order level
- During Practical sessions include 4 or 5 applications so that students have to think and apply
- In 8th Semester Open Elective IV 19CS8801- Operating Systems syllabus can be moved to Open Elective I and the syllabus can be reduced
- In Operating Systems syllabus the topics such as how windows OS is used, Linux commands, OS installation process to other department students will be useful
- In 6th Semester Professional Electives IV 19CS6710-Open Source Software/Agile rename subject as Agile software Development
- In 7th Semester Professional Electives V, 19CS7706- Intellectual Property Rights, Professional Electives VI, 19CS7712- Human Rights, In 8th Semester Professional Electives VII 19CS8706-Disaster Management can be included as non credit courses and mandatory courses and be removed from Professional Electives list
- She also suggested to include more recent editions as text books, reference books and E-books
- In 7th Semester Core Subject 19CS7101- Professional Ethics for Engineers, the topic cyber ethics can be added

Suggestion:
Dr. E. Ilavarasan

- In 6th semester Professional Electives III, 19CS6704- Mobile Computing rename as Mobile Computing and Communications and syllabus can be reframed
- In 8th Semester Open Elective IV 19CS8803- Data Science rename as Data Science Essentials and the syllabus can be reduced
- In 6th Semester Professional Electives IV 19CS6710-Open Source Software/Agile rename subject as Agile software Development
• In 7th Semester Professional Electives V, 19CS7706- Intellectual Property Rights, Professional Electives VI, 19CS7712- Human Rights, In 8th Semester Professional Electives VII 19CS8706- Disaster Management can be included as audit courses and non credit courses, remove from elective courses

• In 8th Semester Professional Electives VIII, 19CS8709- Game Programming can be replaced with Business Intelligence

• In 6th Semester Professional Electives III, 19CS6701- Parallel Computing can be replaced with 5G Communications

• In 6th Semester Professional Electives III, 19CS6703- Distributed Systems can be replaced with Distributed and Parallel Systems

Suggestion:

Dr. D Murugan

• In 7th Semester Professional Electives VII, 19CS5601-Full Stack can be renamed as Full stack Application Development

• Recent technology such as 5G Communications can be added

• In 7th Semester Professional Electives V, 19CS7706- Intellectual Property Rights, Professional Electives VI, 19CS7712- Human Rights, In 8th Semester Professional Electives VII 19CS8706- Disaster Management can be included as audit courses and non credit courses, remove from elective courses

Suggestion:

Mr. B. Durgasanth

• Operating System can be included in earlier semester

• Agile is one of the software development and it can be included as a unit in a subject, instead of individual course

• Automation testing tools can be included in software testing

Suggestion:

Mr. A. Alan Selva Denis

• Ethical hacking can be included in lab session
Item : 1.2  
Curriculum and Syllabi of M.E Computer Science and Engineering

- The Feedback for the M.E Computer Science and Engineering 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)

- The Feedback for the M.E Computer Science and Engineering(With Specialization in Networks) courses were discussed and further no amendment was needed

Member Secretary  
Mrs. M. Sharon Nisha, AP/CSE

Chairman  
Board of Studies

Department of  
Computer Science and Engineering  
Head of the Department  
Computer Science and Engineering  
Francis Xavier Engineering College  
Tirunelveli - 627 003

FXEC - Minutes of the BoS Meeting held on 25.07.2020 - Dept of CSE