

Sri Sairam Engineering College
Sai Leo Nagar, West Tambaram, Chennai – 600044.
Department of Computer Science and Engineering

Minutes of the first Board of Studies meeting

The first Board of Studies (BOS) meeting of the department of CSE was conducted on 08.06.2020 through online mode (ZOOM) at 11.00 a.m (IST). The following members were present.

- | | |
|---|---|
| 1. Dr. V.Shanmuganeethi
Associate Professor and Head i.c /CSE
NITTTTR
Taramani, Chennai | External stake holder
(Subject Expert) |
| 2. Dr. E. Ilavarasan
Professor/CSE
Pondicherry Engineering College
Pondicherry | External stake holder
(Subject Expert) |
| 3. Dr. S. Renugadevi
Assistant Professor/CSE
Anna University, Chennai | External stake holder
(University Representative) |
| 4. Mr. Senthil Kumar Moorthy,
Manager, Program Management,
APAC Region, PayPal | External stake holder
(Industrial Expert) |
| 5. I. Arul Raj
Technical Staff
ZOHO CORPORATION PVT., LTD., | External stake holder
(Alumni Member) |
| 6. Dr. R.Uma | Internal stake holder |
| 7. Prof. V.Kavitha | Internal stake holder |
| 8. Prof. G.Manimala | Internal stake holder |
| 9. Prof. R.Valarmathi | Internal stake holder |
| 10. Prof. B.Priya | Internal stake holder |
| 11. Dr.S.Samundeswari | Internal stake holder |
| 12. Dr B.Latha
Professor & Head, CSE
Sri Sairam Engineering College | Chairman, BOS/CSE |

Dr.B.Latha, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the

deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).

BOS.CSE.20.01.01: To review and approve the curriculum and syllabus of UG programme in CSE. The members recommended the following:

- a. Dr. Ilavarsan suggested the total cumulative credits of 177 may be reduced to 160 to 165 credits.
- b. Uniformity in the number of text books and reference books emphasized.
- c. Dr. Renugadevi suggested that in Problem Solving & Programming in C (20ESCS101)-Unit I can be short and specific such as Introduction to problem solving using computers Instead of explicitly mentioning the problems – the categories of problems can be provided – sequential , decision making & branching.
- d. The members suggested for the course Object Oriented Programming (20CSPC301)- Introduction to significant features of OOP can be added to Unit 1.
- e. Dr. Renugadevi suggested that in Database management system(20CSPC302)- SQL has to be dealt after ER model. Relational model, Normalization and SQL - can contribute to Unit 2.
- f. The members suggested Data Structures (20ITPC301)- Unit 1 & Unit 2 need to be swapped - Introduction in Unit 1 can be kept as it is.
- g. In Computer Organization & Architecture (20ITPC303)- All units can be uniformly distributed or the no. of hours can be allotted accordingly.
- h. Computer Networks(20CSPC401) Syllabus can be referred from CEG and strengthened.
- i. Mr Senthil Kumar Moorthy suggested in Data Warehousing and Data mining (20CSPC403), Unit 5 syllabus can be changed to some general tools and not specific to Weka Tool.
- j. In Design & Analysis of Algorithms (20ITPC401), all units can be uniformly distributed or the no. of hours can be allotted accordingly.
- k. The members suggested having 4 - 6 (5 - preferred no) objectives and corresponding outcomes.
- l. All units can be uniformly distributed.
- m. Recent edition of text books are to be recommended.
- n. Tutorial component shall be added to Programming / Problem oriented courses (Eg. C, DPSD).
- o. Electives may be clustered – domain wise. (such as elective set1 – Database oriented, set2 – S/W Engg. Oriented...).

- p. Dr. Shanmuganeethi said syllabus can be updated in par with TCE and CIT.
- q. Mr. Senthil Kumar Moorthy suggested Digital Image Processing Subject can include the Reference book by author name Sridhar.
- r. Mr. Senthil Kumar Moorthy suggested that in the course SOA, REST API can be included
- s. Mr. Senthil Kumar Moorthy suggested that in Total Quality Management, Software Quality CMM can be included.
- t. The members said in Internet Programming, UNIT IV and UNIT V can be shuffled. XML can be added in Unit V.
- u. In User Interface and Design, Accessibility tools can be included
- v. Micro services Architecture subject can be included in elective

Based on the suggestions given by the members, the Chairman of BOS told that those fruitful suggestions would be incorporated appropriately in the Curriculum and Syllabi.

BOS resolved to recommend the following to the Academic Council for further approval.

- a) **Syllabus for core courses of B.E. Computer Science and Engineering (CSE) Programme is enclosed in Annexure -I.**
- b) **List of Professional and Open Elective Courses in B.E. Computer Science and Engineering (CSE) Programme is enclosed in Annexure -II**

BOS.CSE.20.01.02: To review and approve the syllabus of Problem solving and Programming in C course and Programming in C Laboratory offered to ALL Departments.

The members reviewed the following syllabus of courses offered to all departments and resolved to approve the same.

BOS resolved to recommend the following to the Academic Council for further approval.

1. **20ESCS101- Problem Solving and Programming in C**
2. **20ESPL101 - Programming in C Lab**

List of courses offered to ALL departments from CSE is enclosed in Annexure-III.

BOS.CSE.20.01.03: To review and approve the syllabus of courses offered to IT.

The members reviewed the following syllabus of courses offered to IT and resolved to approve the same.

BOS resolved to recommend the following to the Academic Council for further approval.

- 1. 20CSPC301- Object Oriented Programming**
- 2. 20CSPL301 - Object Oriented Programming Laboratory**
- 3. 20CSPC401-Operating Systems**
- 4. 20CSPL401-Operating Systems Laboratory**
- 5. 20CSPC402 - Database Management Systems**
- 6. 20CSPL402-Database Management Systems Laboratory**
- 7. 20CSPW401 - Computer Networks with Laboratory**
- 8. 20CSPC601 - Artificial Intelligence**
- 9. 20CSPL601 - Artificial intelligence Laboratory**
- 10. 20CSEL501-Data Warehousing & Data Mining Techniques**
- 11. 20CSEL502-Agile Methodologies**
- 12. 20CSEL601-Software Project Management**
- 13. 20CSEL602-Software Defined Networks**
- 14. 20CSEL701-Social Network Analysis**
- 15. 20CSEL702-Bioinformatics**
- 16. 20CSEL703-Information Retrieval Techniques**
- 17. 20CSEL704-Natural Language Processing**
- 18. 20CSEL707-Game Programming**
- 19. 20CSEL802 - Deep Learning Principles and Practices**

List of courses offered to IT department from CSE is enclosed in Annexure-III.

BOS.CSE.20.01.04: To review and approve the syllabus of courses offered to ECE.

The members reviewed the following syllabus of courses offered to ECE and resolved to approve the same.

BOS resolved to recommend the following to the Academic Council for further approval

- 1. 20CSPC601 - Artificial Intelligence**
- 2. 20CSEL802 - Deep Learning Principles and Practices**

List of courses offered to ECE department from CSE is enclosed in Annexure-III

BOS.CSE.20.01.05: To review and approve the syllabus of courses offered to EEE.

The members reviewed the following syllabus of courses offered to EEE and resolved to approve the same.

BOS resolved to recommend the following to the Academic Council for further approval

- 1. 20CSPC301- Object Oriented Programming**

2. 20CSPC601 - Artificial Intelligence

List of courses offered to **EEE** department from CSE is enclosed in Annexure-III

BOS.CSE.20.01.06: To review and approve the syllabus of courses offered to **E&I**.

The members reviewed the following syllabus of courses offered to **E&I** and resolved to approve the same.

1. 20CSPC402 - Database Management Systems
2. 20ESCS601 -Computer Networks
3. 20CSPC601 - Artificial Intelligence
4. 20CSPC702-Machine Learning Techniques

List of courses offered to **E&I** department from CSE is enclosed in Annexure-III

BOS.CSE.20.01.07: To review and approve the syllabus of courses offered to **ICE**.

The members reviewed the following syllabus of courses offered to **ICE** and resolved to approve the same.

BOS resolved to recommend the following to the Academic Council for further approval

1. 20CSPC402 - Database Management Systems
2. 20 ESCS601 -Computer Networks
3. 20CSPC601 - Artificial Intelligence
4. 20CSPC702-Machine Learning Techniques

List of courses offered to **ICE** department from CSE is enclosed in Annexure-III

BOS.CSE.20.01.08: To review and approve the curriculum and syllabus of PG programme in Engineering with Specialisation in Computer Science and Engineering.

The members reviewed the following syllabus of courses offered to **M.E Computer Science and Engineering (CSE)** and resolved to approve the same.

BOS resolved to recommend the following to the Academic Council for further approval

- a. The members felt that the number of courses in first semester can be reduced. So Advanced Software Engineering Course (20PCNEL205) has been removed.
- b. In Advanced Databases (20PCSPC102) Spatial DB can be moved to Unit 3 along with multimedia DBs, as Unit 3 is of light weight.
- c. Advanced Machine Learning (20PCSPC103) - Unit 5 may not be totally assigned for lab component of the course; rather every unit may have a lab component.

d. Advanced Software Engineering (20PCNEL205) - May be enriched as this almost same as UG's Software Engineering course.

Syllabus for Core and Professional Elective Courses of M.E-Computer Science and Engineering under Computer Science and Engineering Programme is enclosed in Annexure-IV.

BOS.CSE.20.01.09: To review and approve the syllabus of courses offered to PG programme in Computer Science and Engineering with Network Specialization

The members reviewed the following syllabus of courses offered to M.E Computer Science and Engineering with Network Specialization and resolved to approve the same.


BOS resolved to recommend the following to the Academic Council for further approval

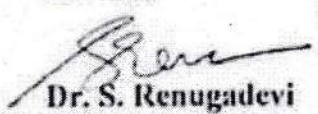
1. 20PCSPC101-Advanced Data Structures and Algorithms
2. 20PCSPC101-Data Structures Laboratory
3. 20PCSPW101-Advanced Machine Learning with Laboratory
4. 20PCSPC203-Cloud Computing Technologies
5. 20PCSPC204-Big Data Analytics
6. 20PCSEL302-Web Engineering
7. 20PCSEL308-Embedded Software Development
8. 20PCSEL314-Mobile Application Development
9. 20PCSEL315-BioInformatics

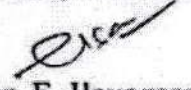
List of courses offered to IT department from CSE for M.E Computer Science and Engineering with Network Specialisation is enclosed in Annexure-V

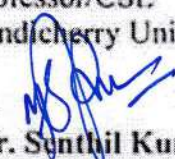
In the concluding remarks, the Chairman stated that the reduction of credits in UG and PG Curriculum and other recommendations suggested by the members would be considered.

Meeting then ended with vote of thanks by Dr. R. Uma, Professor/CSE.


Dr. V. Shanmuganeethi,
Associate Professor and Head i.c /CSE
NITTTR


Dr. S. Renugadevi
Prof. Dept. of CSE
Anna University



Dr. E. Ilavarasan
Professor/CSE
Pondicherry University



Mr. Senthil Kumar Moorthy,
Manager, Program Management
APAC Region, PayPal





I. Arul Raj,
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ZHOHO CORPORATION PVT., LTD., Chennai.


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Assoc Prof./ Dept of CSE
Sri Sairam Engineering College

Prof. V.Kavitha 
Assoc Prof./Dept of CSE
Sri Sairam Engineering College

Prof. R.Valarmathi 
Assoc Prof./Dept of CSE
Sri Sairam Engineering College

Dr.S.Samundeswari 
Asst Prof./Dept of CSE
Sri Sairam Engineering College


Dr. B.Latha
Chairman, BOS/CSE
(Professor & Head/CSE)