SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Estd : 1995

MINUTES OF THE MEETING

Board of Studies of

Computer Science & Engg.

Pulloor, Kariapatti – 626 115, Virudhunagar District

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SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution | Accredited 'A' Grade by NAAC)

PULLOOR, KARIAPATTI – 626 115

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BOARD OF STUDIES

MINUTES OF THE MEETIING

The Eighth meeting of the Board of Studies (BoS) of Department of Computer Science and Engineering was held on 28.08.2020 through google meet online mode. The meeting has been proposed to get the approval of Third and Fourth Semester Syllabus of R-2019.

The following members were present,

Sl.No.	Members	Position	Signature
1.	Dr.C.CallinsChristiyana, Professor and Head, Department of CSE, Sethu Institute of Technology, Kariapatti	Chairperson	
2.	Dr.D. Manjula, Professor, CSE, Anna University, Chennai.	University Nominee	Attended through Online Mode
3.	Dr.P. Deepalakshmi, Dean, School of Computing, Kalasalingam Academy of Research and Education, Krishnankovil.	Academic Expert	Attended through Online Mode
4.	Dr. P. Subathra, Professor and Head, Department of IT, Kamaraj College of Engineering and Technology, Virdhunagar.	Academic Expert	Attended through Online Mode
5.	Mr.C.Rajkumar, Director (Chief Architect), Cognizant Technology Solutions, Chennai.	Industry Nominee	Attended through Online Mode
6.	Ms.D.ThamaraiSelvi, Assistant professor,CSE, National Engineering College, Kovilpatti.	Alumni Nominee	Attended through Online Mode
7.	Dr.N.Balaji	Faculty Member	Attended through Online Mode
8.	Dr.M.Parvathy	Faculty Member	Attended through Online Mode

Sl.No.	Members	Position	Signature
9.	Dr.M.M.GowthulAlam	Faculty Member	Attended through Online Mode
10.	Dr.K.Sathish Kumar	Faculty Member	Attended through Online Mode
11.	Mr.P.Suresh	Faculty Member	Attended through Online Mode
12.	Dr.N.AlangudiBalaji	Faculty Member	Attended through Online Mode
13.	Dr.D.AbithaKumari	Faculty Member	Attended through Online Mode
14.	Mr.R.Rajaguru	Faculty Member	Attended through Online Mode
15.	Dr.M.Malathi	Faculty Member	Attended through Online Mode
16.	Dr.C.YesubaiRubavathi	Faculty Member	Attended through Online Mode
17.	Dr.P.Ithayarani	Faculty Member	Attended through Online Mode
18.	Dr.R.RubeshSelvakumar	Faculty Member	Attended through Online Mode
19.	Dr.A.R.Rajeswari	Faculty Member	Attended through Online Mode
20.	Dr.E.Sivajothi	Faculty Member	Attended through Online Mode
21.	Ms.M.Mathinakani	Faculty Member	Attended through Online Mode
22.	Ms.B.Pandeeswari	Faculty Member	Attended through Online Mode
23.	Ms.G.VairaSuganthi	Faculty Member	Attended through Online Mode
24.	Dr.M.Poomani@Punitha	Faculty Member	Attended through Online Mode
25.	Ms.S.Meenakshi	Faculty Member	Attended through Online Mode
26.	Ms.K.Priyadharsini	Faculty Member	Attended through Online Mode
27.	Ms.S.Selvi	Faculty Member	Attended through Online Mode
28.	Dr.B.Guruprakash	Faculty Member	Attended through Online Mode
29.	Ms.K.Nagalakshmi	Faculty Member	Attended through Online Mode
30.	Mr.R.Umesh	Faculty Member	Attended through Online Mode
31.	Ms.B.Lalitha	Faculty Member	Attended through Online Mode
32.	Mr.G.KarpagaKannan	Faculty Member	Attended through Online Mode
33.	Mr.T.Siva	Faculty Member	Attended through Online Mode
34.	Ms.S.Priyadharsini	Faculty Member	Attended through Online Mode
35.	Ms.S. Gospeline Christiana	Faculty Member	Attended through Online Mode
36.	Ms.S.Sangeetha	Faculty Member	Attended through Online Mode
37.	Mr. K. Peer mohamed	Faculty Member	Attended through Online Mode
38.	Mr. K.A. Mohammed Faiz	Faculty Member	Attended through Online Mode
39.	Ms.K.Nithya	Faculty Member	Attended through Online Mode
40.	Ms.T.Punitha	Faculty Member	Attended through Online Mode

Sl.No.	Members	Position	Signature
41.	Mr.I.Noor Mohamed	Faculty Member	Attended through Online Mode
42.	Mr.S.DuraiPandi	Faculty Member	Attended through Online Mode
43.	Mr.B.Sivananthan	Faculty Member	Attended through Online Mode
44.	Ms.M.Sanmugapriya	Faculty Member	Attended through Online Mode
45.	Ms.C.Abinaya Devi	Faculty Member	Attended through Online Mode
46.	Ms.S.MadhuSangeetha	Faculty Member	Attended through Online Mode

The BoS meeting was started with the warm welcome from the Chairman of the Board. The Chairman gave a brief presentation on autonomous status conferred to the Institution and NAAC accreditation with 'A' grade. She then highlighted the University ranks, programs organized, performance of students and faculty in NPTEL online courses, grants received and SITWARE, the student association of the Department of Computer Science and Engineering.

1.0 B.E Computer Science and Engineering

Agenda 1: Analysis of the stakeholders' feedback on curriculum and syllabi

The feedback from the stakeholders, viz. employers, alumni, faculty from other Institutions, parent, internal faculty, and students and the corresponding resolutions made in the Program Assessment Committee (PAC) meetings were presented by the Chairman of the Board. The PAC resolutions with respect to the syllabus of the courses offered in third and fourth semester were discussed thoroughly. After the discussions, the BoS resolved to accept the PAC resolutions with the following modifications.

- The basic communication Technology in Computer Communications and Networks course can be given under Data Communication.
- The NoSQL concepts can be studied in MangoDB as MangoDB is offered as 1-Credit course.

Agenda 2:Approval of Third and Fourth semester syllabi under R-2019

The Board members conducted discussions on the proposed syllabi of the third and fourth semesters under R-2019.

The Board members suggested the following:

- Dr.Manjula D, University Nominee, suggested to:
  - Allocate extra hour for the practical classes with the current distribution of credits for both theory and lab courses without affecting the Minimum Credits of 175 for the Program.

- Include the advanced topics like parallel database, Distributed database, temporal database and spatial database in the course 19UCS404 - Database System Concepts.

- . Dr. Deepalakshmi P, Academic Expert, suggested to:
  - Change the evaluation pattern for integrated course as to give more weightage to practical component than the theory component and give autonomy to faculty to decide the evaluation pattern.
  - Include latest edition books as the text books and reference books for all the courses.
  - Include Theory hours for the course Mobile applications Design and Development and suggested to offer the course as integrated course
- Dr. Subathra P, Academic Expert, suggested to:
  - Allocate 4 periods for the lab courses and also suggested to round off the credits allocated to the courses.
  - Include the lab course for cryptography and Network security course.
- Mr.Rajkumar Chandrasekar, Industry Nominee, suggested to:
  - Include decentralization concept since this is the basics for Block chain, crypto currency like courses.
  - Remove the concepts swings from the course 19UCS304 - Object Oriented Programming using Java since the concepts were outdated from the Industry and also suggested to include the concepts JavaFx in place of swings. He further suggested including Lambda, anonymous functions and some functional scripts in Object Oriented Programming in Java.

Based on the suggestions, the BOS resolved the following in the approval of third and fourth semester syllabus of R-2019.

- It is resolved to include the topics parallel database, Distributed database, temporal database and spatial database in UNIT-V of 19UCS404-Database Systems Concepts as UNIT-V addresses the advanced concepts.
- It is resolved to consider the 19UCS503-Mobile applications Design and Development course as integrated course with the LTPC distribution of 2+0+3+3.5.
- It is resolved to consider the course credits and semester credits in decimals as AICTE recommendation.

- It is resolved to have Cryptography and Network Security course as a theory course.
- It is resolved to include decentralization concepts in 19UCS919-Blockchain Technology.
- It is resolved to include JavaFX in place of swings in the course 19UCS304-Object Oriented Programming using Java. The topics Lambda, anonymous functions and some functional scripts can be included in the course 19UCS931-Advanced Java Programming as 19UCS304-Object Oriented Programming using Java is offered in third semester level.

Agenda 3: Percentage of changes in the Syllabi:

The BoS resolved to accept the changes in the following courses:

S.No.	Course Code & Name	Changes made in the Syllabi	Percentage of Changes
1	19UCS302-Data Structures	Special Tree Structures removed from the syllabus. Sorting and searching concepts are included. Red Black Tree from search Tree structures and Network Flow problem from Graph structures are removed.	40%
2	19UCS303-Digital Electronics	Digital integrated Circuits are included	10%
3	19UCS304-Object Oriented Programming using Java	JavaFX concepts are included	10%

4	19UCS305-Operating Systems	Disk management and Swap space management topics are removed	5%
5	19UCS306-Computer Organization	Data path, Control Unit and Parallel Processors concepts are included	15%
6	19UCS308-Data Structures Laboratory	Implementations of sorting and searching concepts are included.	5%
7	19UCS310-Operating Systems laboratory	Working with File commands, Process creation and management are removed. Implementation of segmentation techniques of memory management is included.	10%
8	19UCS402-Computer Communications and Networks	Remote procedure call, basic concepts of cryptography and Digital Signatures and Firewalls are included.	10%
9	19UCS404-Database System Concepts	Fourth and Fifth normal forms concepts and Advanced Database concepts are included.	25%
10	19UCS406-Computer Communications and Networks Laboratory	Implementation of RPC, and Performance Evaluation of Routing Protocols using Simulation tools are included. The implementation of leaky Bucket algorithm for congestion control is removed.	10%

11	19UCS407- Database System Concepts Laboratory	Implementation of Normalization concept is included.	5%

Agenda 4: Introduction of New Courses:

The following new courses to be introduced in the Academic Year 2020-2021 and the curricula are presented before the board of studies.

- B.Tech. Artificial Intelligence and Data Science
- B.E. Computer Science and Engineering(IOT, Cyber Security including Block Chain Technology)

The Board resolved to approve the courses and the curricula.

2.0 M.E Computer Science and Engineering

- The members reviewed the approved curriculum and syllabi of M.E. Computer Science and Engineering followed under autonomous regulations 2019 and suggested to have the same in the forth coming Academic year.

The Chairperson thanked the members for their contribution and suggestions in framing the curriculum and syllabi for B.E. Computer Science and Engineering and M.E Computer Science and Engineering under Autonomous regulations. She thanked the members of the Board on behalf of the Department of Computer Science and Engineering for their wonderful suggestions and contribution to frame the curriculum and syllabi.

Chairperson
Board of Studies
Computer Science and Engineering

Chairperson
Board of Studies
Computer Science & Engineering
Sri Krishna College of Technology
Kariapatti - 626 115

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BOARD OF STUDIES

ACTION TAKEN REPORT WITH RESPECT TO BOS MEETING HELD ON 28.08.2020

S.No.	Resolutions in BoS	Corresponding Action Taken
B.E Computer Science and Engineering		
1	The BoS resolved to include the topics parallel database, Distributed database, temporal database and spatial database in UNIT-V of 19UCS404-Database Systems Concepts as UNIT-V addresses the advanced concepts.	The topics parallel database, Distributed database, temporal database and spatial database are included in UNIT-V of 19UCS404-Database Systems Concepts along with database security concepts.
2	The BoS resolved to consider the 19UCS503-Mobile applications Design and Development course as integrated course with the LTPC distribution of 2+0+3+3.5.	The course 19UCS503-Mobile applications Design and Development is changed as the as the integrated course with the LTPC distribution of 2+0+3+3.5
3	The BoS resolved to include JavaFX in place of swings in the course 19UCS304-Object Oriented Programming using Java. The topics Lambda, anonymous functions and some functional scripts can be included in the course 19UCS931-Advanced Java Programming as 19UCS304-Object Oriented Programming using Java is offered in third semester level.	JavaFX concepts is added into 5th unit of 19UCS304-Object Oriented Programming using Java along with Graphical User Interface.

28/8/2020

Chairperson

Board of Studies

Department of Computer Science and Engineering