



SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

PULLOOR, KARIAPATTI – 626 115

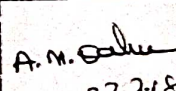
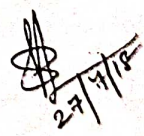
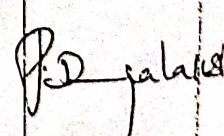


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BOARD OF STUDIES

MINUTES OF THE MEETING

The sixth meeting of the Board of Studies in the Department of Computer Science and Engineering was held on 27.07.2018 in the Seminar Hall of CSE Department, Sethu Institute of Technology, Pulloor, Kariapatti at 10.00 A.M.

S.No.	Members	Name of the Members	Address	Signature
1.	Chairman	Dr. C. Callins Christiyana	Professor & Head, Department of CSE, Sethu Institute of Technology, Pulloor.	
2.	University Nominee	Dr. A.M.Kalpana	Associate Professor, Department of Computer Science and Engineering, Government College of Engineering, Salem.	 27.7.18
3.	Academic Expert	Dr. P.Subathra,	Professor & Head, Department of Information Technology, Kamaraj College of Engineering and Technology, SPGC Nagar, Virdhunagar.	 27/7/18
4.	Academic Expert	Dr. P. Deepalakshmi	Dean, School of Computing, Kaiasalingam University, Krishnankoil.	

S.No.	Members	Name of the Members	Address	Signature
5.	Industry Nominee	Mr. S.R. Ananda Kumar,	Director, EMFIOS Technologies Pvt. Limited, Madurai.	SRK
6.	Alumni Nominee	Mr.V.Muneeswaran	Associate Professor, Department of CSE, Shri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore.	Muneeswaran
7.	Faculty Members	Mr. P. Suresh	Associate Professor	P Suresh 27/7/18
8.		Mr. N. Alangudi Balaji	Associate Professor	N Alangudi Balaji 27/7/18
9.		Mr. K. Sathish Kumar	Associate Professor	K Sathish Kumar
10.		Mrs. D. Abitha Kumari	Associate Professor	D Abitha Kumari
11.		Mr. B. Selva Ganesh	Associate Professor	B Selva Ganesh 27/7/18
12.		Mr.R.Rajaguru	Associate Professor	R Rajaguru
13.		Dr.M.Malathi	Associate Professor	M Malathi 27/7/18
14.		Dr.T.Sampradeepraj	Associate Professor	T Sampradeepraj 27/7/18
15.		Dr.C.Yesubai Rubavathi	Associate Professor	C Yesubai Rubavathi
16.		Dr.P.Ithayarani	Associate Professor	P Ithayarani 27/7/18
17.		Dr.P.Senthil Pandian	Associate Professor	P Senthil Pandian
18.		Dr.R.Rubesh Selvakumar	Associate Professor	R Rubesh Selvakumar 27/7/18
19.		Mrs. B. Pandeeswari	Asst. Professor (S.G.)	B Pandeeswari 27/7/18

S.No.	Members	Name of the Members	Address	Signature
20.	Faculty Members	Ms.M.Mathinakani	Asst. Professor (S.G)	M. Mathi 27/07/18
21.		Mrs. G. Vairasuganthi	Asst. Professor (S.G.)	G. Vairasuganthi
22.		Mrs. P. Krishnaveni	Asst. Professor (S.G.)	P. Krishnaveni 27/07/18
23.		Mrs. M. Poomani @ Punitha	Asst. Professor (S.G.)	M. Poomani 27/7/18
24.		Mrs. C. Meenakshi	Asst. Professor (S.G.)	C. Meenakshi 27/7/18
25.		Mrs. K. Priyadharshini	Asst. Professor (S.G.)	K. Priyadharshini
26.		Mrs. A. SenthilSelvi	Asst. Professor (S.G.)	A. SenthilSelvi
27.		Mrs. S. Selvi	Asst. Professor (S.G.)	S. Selvi
28.		Mr.B.Guruprakash	Asst. Professor (S.G)	B. Guruprakash
29.		Mrs.K.Dhanalakshmi	Asst. Professor (S.G)	K. Dhanalakshmi
30.		Dr.V.Vivek	Asst. Professor (S.G)	V. Vivek 27/7/18
31.		Mr.T.Siva	Asst. Professor	T. Siva 27/7/18
32.		Ms.S.Priyadharsini	Asst. Professor	S. Priyadharsini
33.		Ms.S.Gospelina Christiana	Asst. Professor	S. Gospelina Christiana
34.		Ms.S.Sangeetha	Asst. Professor	S. Sangeetha 27/7/18
35.		Mr. V. Anthony Sahaya Balan	Asst. Professor	V. Anthony Sahaya Balan 27/7/18
36.		Mr. K. Peer mohamed	Asst. Professor	K. Peer mohamed
37.		Mr. H. Mathew Joel Arulanandhan	Asst. Professor	H. Mathew Joel Arulanandhan
38.		Ms. M. Deepa	Asst. Professor	M. Deepa

S.No.	Members	Name of the Members	Address	Signature
39.	Faculty Members	Mr. K.A. Mohammed Faiz	Asst. Professor	K.A.F.
40.		Mr. S. Sathish Kumar	Asst. Professor	S. Sathish Kumar
41.		Ms.K.Nithya	Asst. Professor	K. Nithya
42.		Ms.T.Punitha	Asst. Professor	T. Punitha
43.		Ms.V.VijayaPriya	Asst. Professor	V. VijayaPriya
44.		Mr.I.Noor Mohamed	Asst. Professor	I. Noor Mohamed
45.		Mr.S.DuraiPandi	Asst. Professor	S. DuraiPandi
46.		Mr.B.Sivananthan	Asst. Professor	B. Sivananthan
47.		Ms.M.Sanmugapriya	Asst. Professor	M. Sanmugapriya

- The Chairman of the Board welcomed the members of the Board of Studies.
- The Chairman reviewed the features of the Department of Computer Science and Engineering including inception of B.E. and M.E. courses, Research Centre under Anna University, Chennai, permanent affiliation by Anna University, Chennai.
- The Chairman proudly presented the University Ranks obtained by students of Computer Science and Engineering, various events organized, achievement of students and faculty members in NPTEL online certification courses, grants received from various organizations, student's association SITWARE.
- Institution Vision and Mission statements were presented by the Chairman of the board. The existing and proposed versions of Department Vision and Mission statements were stated to the members of the board. The members resolved to accept the changes. The accepted Vision and Mission Statements are:

DEPARTMENT VISION

- To achieve excellence in technical education and scientific research in the field of computer science and engineering to contribute to the society.

DEPARTMENT MISSION

- Transforming students into technocrats in computer technology confirming the industry expectation.
 - Imparting holistic learner centric environment.
 - Cultivating comprehensive personality development of students leading to innovators, leaders and entrepreneurs
 - Establishing collaboration with the industries for mutual benefits
 - Promoting Research activities among the students and the faculty to solve problems related to industry and society.
 - Offering computer applications life skill to society for better living.
- The Chairman presented the PEO, PO, and PSO statements to the members. She further illustrated the changes made in the PEOs as per the suggestions from members of the DAB. The board recommended the changes. The PEOs and PSOs accepted by the members are:
- PEO – I :Graduates will Practice as Competent Computer Engineers by exhibiting the state of the art technical skills to cater to the needs of the industries.
 - PEO – II : Graduates will lead the team and function in a team of multi-cultural professionals with effective interpersonal skills.
 - PEO – III : Graduates will hone their professional expertise by engaged in research and sustained learning activities.
 - PSO - I: Engineering graduates will demonstrate individual expertise in various programming languages to develop applications for static, internet, and mobile domains. (Programming Solutions)
 - PSO-II : Engineering graduates will demonstrate the knowledge of analyzing, planning, and constructing databases, ability to extract information using queries, and skills to develop programming interfaces to synthesis databases. (Database Management)
- The chairman presented the feedback from students and faculty members on the curriculum and syllabi of Regulation 2015 to the board to design the R2019. The feedback includes:
- The courses 15UCS209 - Programming and Data Structures and 15UCS302 - Data Structures can be combined into a single course.
 - The course 15UCS307 - Object Oriented Programming and Data Structures Laboratory can be splited up into two separate courses.
 - The couese15UCS404 - Computer Communication and Networks syllabus can be more detailed.

- The course 15UCS863 - Python Programming can be provided as 3 credit course than 1 credit course.
- The course 15UCS910 - Building Internet of Things needs a prerequisite course on sensors.
- The course 15UCS402–Java Programming can include data base connectivity.

The BoS members resolved,

- to combine the courses 15UCS209 - Programming and Data Structures and 15UCS302 - Data Structures into a single course.
 - to have Object Oriented Programming Laboratory and Data Structures Laboratory as two separate laboratory courses.
 - to have more detailed syllabus for the course 15UCS404 - Computer Communication and Networks.
 - to have the course 15UCS863 - Python Programming as 3 credit course in the higher semesters.
 - to introduce a new 1 credit / open elective course on sensors as a prerequisite for the course 15UCS910 - Building Internet of Things.
 - to include data base connectivity as a replacement to Collections in Unit IV of the the course 15UCS402 – Java Programming
- The Chairman introduced the course 15UGM953 Embedded Programming as the Inter Disciplinary Theory Course. The syllabus of the course was framed in association with the Department of Communications Engineering. The Board resolved to accept the course.
- The chairman presented the changes to be incorporated in to the syllabi of the following courses under R2015:
- 15UCS702 – Insight into Cloud Computing
 - 15UCS913 – Cyber Forensics
 - 15UCS919 - Human Computer Interaction

The BoS resolved to modify the contents of the syllabi of the above mentioned courses.

- The Chairman of the board presented the mapping of Course Outcomes (COs) with Programme Outcome (POs) and Programme Specific Outcomes (PSOs).
- The assessment question samples and question paper patterns were proposed for approval by the Chairman of the Board. The Board reviewed the samples and patterns then resolved to accept that the level of questions were compliance with level of respective course outcomes . The Board also resolved to accept the question paper patterns.
- The Chairman presented the mapping of Curriculum and syllabi with Programme Specific Criteria and the Board resolved to accept the mapping.
- The chairman presented the classification courses under the categories of having focus on employability, entrepreneurship, and skill development. The Board resolved to accept the classification.
- The list of examiners from other colleges who would be invited for conducting various examination related activities were read out by the Chairman, and the Board resolved to approve the list.

Chairman of the Board demonstrated the Course Outcome attainment of the courses and corresponding PO attainment of the Batch 2015-2019 in the academic year 2017-2018 ODD . The BOS members accepted the resolutions and appreciated the openbook assessment for the problem oriented courses.

BOS Members suggested the value added course on “ IOT using Arduinio” and “Anaconda” for B.E students.

M.E. Computer Science and Engineering

- The Chairman presented the curriculum and syllabi under Regulation 2015 of the M.E. Computer Science and Engineering programme to the members of the Board.
- Dr. M. Malathi, Faculty Member, pointed out that the syllabus of the course 15PCS511 – Robotics was much oriented towards Mechanical discipline. She suggested to change the syllabus in compliance with Computer Science and Engineering.
- Mr. S. R. Anandha Kumar, Industry Nominee, raised a question on why the course 15PCS203–Cloud Infrastructure Laboratory was included in the second semester without comapanian theory course.
- Dr. R. Rubesh Selva Kumar, Faculty Member, stated that the course 15PCS524 / 15PNE502 – Video Analytics contains a syllabus of non sequential contents.
- Dr. P. Deepalakshmi, Academic Expert, suggested to include a course on Internet of Things (IoT) at the post graduate level in the electives.

The Board resolved to do the following changes under Regulation 2019:

- Modify the syllabus of the course 15PCS511 – Robotics.
- Introduce a new course on Cloud Computing to support the course 15PCS203 – Cloud Infrastructure Laboratory
- Modfiy the syllabus of the course 15PCS524 / 15PNE502 – Video Analytics
- Introduce a new course on Internet of Things.

BOS Members suggested the value added course on “Machine Learning using Python” for M.E students.

Percentage of changes in the Syllabi

BOS resolved to accept the following changes in the courses.

S.No.	Course Code & Name	Changes made in the Syllabi	Percentage of Changes
B.E Computer Science and Engineering			
1	15UCS702-Insight into Cloud Computing	Units on Private clouds and Public clouds are removed. The units Infrastructure as a service and	80%

		platform as a service/Software as a Service are included.	
2	15UCS913-Cyber Forensics	Contents of Unit I and Unit 2 are modified completely and vendor and computer forensics services are added.	60%
3	15UCS919- Human Computer Interaction	Contents of Unit 4 and Unit 5 are newly added and the topic Hypertext, Multimedia, WWW are moved to unit 3.	75%

New Courses Introduced in R2015

BOS resolved to introduced the following new courses

S.No	Course Code	Course Name
B.E Computer Science and Engineering		
1.	15UGM953	Embedded programming

- Mr. N. Alangudi Balaji, Associate Professor 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.


Chairman
Board of Studies

Computer Science and Engineering

Chairperson
Board of Studies
Computer Science and Engineering
Sethu Institute of Technology
Kaniyapuram