S.A.ENGINEERING COLLEGE, CHENNAI-600 077
(An Autonomous Institution Affiliated to Anna University)
DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF BOARD OF STUDIES MEETING

DATE: 29.02.2020

S.A.Engineering College, Chennai conducted the meeting of Board of Studies for UG in Department of Information Technology as per the guidelines of UGC on 29.02.2020 at 10:30 AM.

The Following Members were present at the Meeting:

S.NO	NAME & ADDRESS	DESIGNATION
1.	**Dr.E.A.Mary Anita** Department of Information Technology S.A. Engineering College, Chennai- 600 077.	Chairperson Professor & HOD
2.	**Dr.V.Mahesh** PSG College of Technology, Peelamedu Coimbatore -641004	University Nominee Professor
3.	**Dr. K.Suresh Joseph** Pondicherry University Pondicherry.	Subject Expert Associate Professor
4.	**Dr.Narendran Rajagopalan** NIT Puducherry, Karaikal	Subject Expert Head of the Department
5.	**Mr.Manoj Kumar Rajendran,** Gavs Technology India Pvt Ltd, Chennai.	Representative from Industry Lead Associate in Software Development
6.	**Mr.Gopinath** Rainbowfish Studio Pvt Ltd, 25, Gandhi mandapam Road, Kotturpuram, Chennai-600 085.	Meritorious Alumnus Head of Business Development and Operations
7.	**Mrs.A.M.Sermakani** IT / SAEC	Associate Professor
8.	**Mrs.V.Auxilia Osvin Nancy** IT / SAEC	Assistant Professor
9.	**Ms.S.Julia Faith** IT / SAEC	Assistant Professor
10.	**Mrs.T.Veena** IT / SAEC	Assistant Professor
11.	**Mrs.D.Chithra** IT / SAEC	Assistant Professor
12.	**Mr.P.Senthil** IT / SAEC	Assistant Professor

13.	**Mrs.D.Jayashree** IT / SAEC	Assistant Professor
14.	**Mrs.E.Sabitha** IT / SAEC	Assistant Professor

- The Chairperson **Dr.E.A.Mary Anita** Board of Studies in Department of Information Technology welcomed the Members of Studies.
- The Meeting proceeded to the matters in Agenda:

S.NO	POINTS DISCUSSED & DESCRIPTION
SPECIFIC DISCUSSION ON CURRICULUM	
1.	**Curriculum Discussion** • Major subjects in Regulation 2017 & Regulation 2020 were discussed with flow of contents pertaining to subject areas. • Credit Fixation and contact hours were discussed for each subjects • Suggestions were given for Lecture Hours and Practical session allotment for each subject. • Weightage for each subject and importance of theory cum practical courses were discussed semester wise. • For 1 lecture hour, 1 credit can be awarded and for 2 Practical hours, 1 credit can be awarded. • For combined course (Theory and Lab), 4 credits can be allotted. • No credits can be given for Mandatory Course.
2.	**Semester wise Subjects Discussion:** • Semester wise subjects were discussed first and the following suggestion were given. **SEMSTER IV:** • Members suggested that the Technical knowledge of Microprocessor & Microcontroller can be incorporated in 4th Semester before learning operating System in the same semester. • In addition to Design and Analysis of algorithm as theory paper, members suggested to have practical for Design and Analysis of Algorithm to improve students' knowledge in career oriented guidance. • As per the discussion the following modifications to be done in Semester IV: i) Microprocessor & Microcontroller to be included in semester IV

ii) Design and Analysis of Algorithm is to be framed along with Practical Session.

SEMSTER V:
- Members suggested for having Operating systems in 5th semester after learning Computer Architecture and MP&MC in 4th semester.
- Based on the above suggestion, Operating systems along with practical has been included in 5th Semester.

SEMSTER VI:
- Members discussed about theory and practical courses in semester 6 and suggested that Computational Intelligence can be renamed as Artificial Intelligence as students can identify their latest field in this subject area.
- Subject Experts had gone through Professional Elective lists of subjects and their credits.
- They have suggested that Formal Language and Automata Theory can be included in Professional Elective I in Semester VI since students need to learn this area of field as in advance before agile methodologies.
- Based on the above suggestions the Profession Elective I is reframed with Subject Formal Language & Automata Theory and Agile Methodologies is shifted to Professional Elective II in Semester VII.

SEMSTER VII:
- Subject Experts clarified the professional courses in Semester VII along with their contributions towards IT field for students.
- Professional Elective Courses in Semester VII were verified and suggestions given to include Quantum Computing and Software Defined Networks instead of Foundation skills in Integrated product development and Disaster management.
- As per the guidance, modifications to be done in professional elective courses in semester VII.

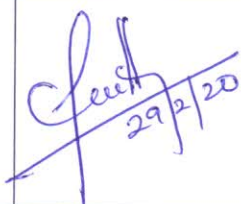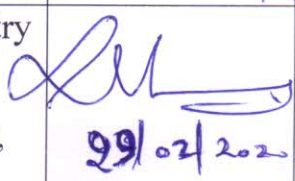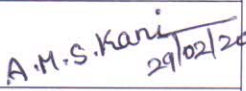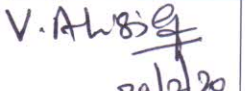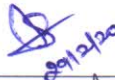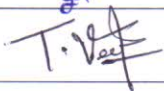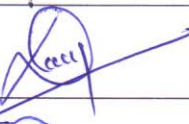|	

3.	**ITE THEORY CUM PRACTICALS DISCUSSION:**
	- Members verified the syllabus adopted in ITE theory and Lab courses in Semester II and clarified the following:
	  i) Impact of Learning ITE
	  ii) Curriculum Gap identified and discussion
	  iii) Weightage of ITE in improving students' knowledge
	  iv) Course Objectives and Outcomes based on syllabus.
	  v) Summary of Credits and its Impact in total curriculum.

	• Members discussed about practical session in Information Technology Essentials lab and gone through the technical skills utilized for completing ITE lab. • They also suggested having latest edition Text Books and Reference Books published after 2015.
GENERAL DISCUSSIONS:	
4.	Electives • Online Elective, Open Elective and Professional Electives can be included in VIII semester. • The Open Electives may include NPTEL courses, other department related papers and other languages. • Open Elective option can be modified as Open elective/Program Elective.
5.	All Major/Technical papers which have been allotted till 6th Semester should cover the GATE syllabus.
6.	Members suggested that Prerequisites for elective subjects can be justified and students need to learn it before the elective commencements.

7.	• Course Objectives and Course Outcomes and their corresponding CO PO mapping were discussed.
	• Experts suggested to have value added program in latest trends pertaining to :
	    i) Deep Learning
	    ii) Cloud Computing & Virtualization
	    iii) Block Chain Technology
	    iv) Machine Learning
	    v) Internet of Things
	
	• Members suggested having compiler design as one of the professional elective.
	• Members informed that online courses can be done by students and credits can be awarded to them based on the marks obtained.

CERTIFICATE

The UG Syllabus of the Department of Information Technology, S.A.Engineering College (Autonomous), Chennai for 2020-2021 admission onwards, has been ratified by the Board of Studies of Information Technology which met on 29.02.2020 at 10:30 AM.

Members Present:

S.NO	NAME	DESIGNATION & ADDRESS	SIGNATURE
1.	Dr.E.A.Mary Anita	**Chairperson** Professor & HOD Department of Information Technology S.A. Engineering College, Chennai- 600 077.	29/2/20
2.	Dr.V.Mahesh	**University Nominee** Professor, PSG College of Technology, Peelamedu, Coimbatore -641004	
3.	Dr. K.Suresh Joseph	Subject Expert Associate Professor Pondicherry University Pondicherry.	
4.	Dr.Narendran Rajagopalan	Subject Expert Head of the Department NIT Puducherry, Karaikal	29/2/2020
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7.	Mrs.A.M.Sermakani	Associate Professor IT / SAEC	A.M.S.Kani 29/02/20
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