

QMS F08B

S.A.ENGINEERING COLLEGE, CHENNAI-600 077

(An Autonomous Institution, Affiliated to Anna University)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BOARD OF STUDIES MEETING -

Academic Year : 2020-21

Date: 25.02.2021

Time:10.00 AM

Venue: Through ZOOM

AGENDA

Welcome Address

Dr.B.R.TAPAS BAPU M.E., Ph.D

**Professor, Dept, of ECE, S.A. Engg. College,
Chennai -77.**

**Introduction of Members – External &
Internal**

**Presentation of Syllabus and Curriculum
for B.E (ECE)
Sem - III/IV**

Dr.G.KAVYA M.E., Ph.D

**Professor & Head, Dept. of ECE,
S.A. Engg. College,
Chennai -77.**

Discussion on Offering Certificate Courses

By the Members

General Discussion

By the Members

Vote of Thanks

Dr.N.ANUSHA M.E., Ph.D

**Professor, Dept, of ECE, S.A. Engg. College,
Chennai -77.**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINUTES OF BOARD OF STUDIES MEETING

S.A.Engineering College, Chennai conducted the Board of Studies meeting for B.E (ECE) in Department of ECE as per the guidelines of UGC on 25/02/2021 at 10.00 AM via the Zoom link given below

Dr.G.Kavya is inviting you to a scheduled Zoom meeting.

Topic: Board of Studies - ECE

Time: 25.02.2021 (9:45 AM)

Join Zoom Meeting

<https://us02web.zoom.us/j/83564651075?pwd=dUJaYUUhYRWILakhMdnZQbVZBaU0vdz09>

Meeting ID: 835 6465 1075

Passcode: 405194

One tap mobile

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Dial by your location

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 346 248 7799 US (Houston)

+1 646 558 8656 US (New York)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 835 6465 1075

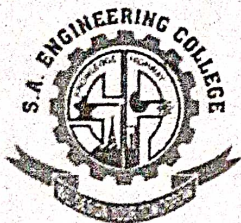
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Find your local number: <https://us02web.zoom.us/j/ke5O2qpJd>

The Following Members were present in the Meeting:

S.NO	NAME & ADDRESS	DESIGNATION
1.	Dr.G.Kavya M.E., Ph.D Professor & Head, Dept. of ECE, S.A. Engg. College, Chennai -77	Chairperson
2.	Dr. M.D.Selvaraj Ph.D. (IIT Delhi) Dean (Sponsored Research & Industrial Consultancy, Continuing Education) IIITDM Kancheepuram (Institute of National Importance under MHRD, Govt. of India)	Subject Expert
3.	Dr.T.Kalpalatha Reddy ME, Ph.D, LMIETE, LMISTE, <i>Principal & Professor,</i> S V Engineering College For Women, Anantapuramu. Karakambadi Road, Tirupati, <i>Andhra Pradesh, (INDIA)</i>	Subject Expert
4.	Dr.N.Kumarathan, Ph.D Professor, Department of ECE Sri Venkateswara College of Engineering(Autonomous) Chennai, 602 117 kumarathan@svce.ac.in	University Nominee
5.	Mr.A.Senthil Director Eaglesight Measurement Technologies Private Limited Kovilpatti, Tuticorin, Tamilnadu. senthil@eaglesightmeasurement.com	Representative from Industry
6.	Mr. Boney Verhghese Fiber Engineer, Tata Communications & Transformation Services, Sai Nagar, Ambattur Industrial Estate, Chennai 600 058 Mobile: 8848986414	Alumni
7.	Faculty from ECE Department	

- **Dr.B.R.Tapas Bapu M.E., Ph.D, Professor, Dept. of ECE, S.A. Engg. College, Chennai -77** welcomed all the members for the Department of ECE Board of Studies meeting that held on 02/03/2020 at 10.00 am.
- The Meeting proceeded to the matters as in Agenda.



S.A. ENGINEERING COLLEGE

(AUTONOMOUS)

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Phone : 2680 1999, 2680 1499, Fax : 2680 1899



Date : 25.2.2021

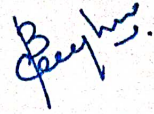
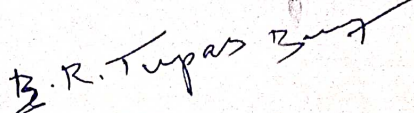

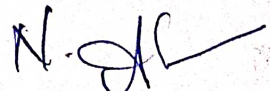
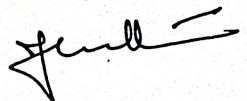
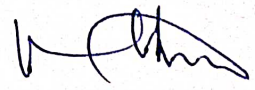
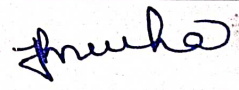
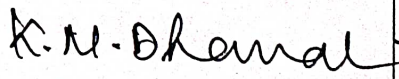
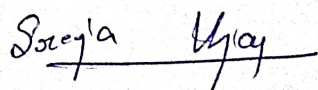
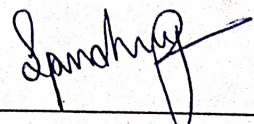
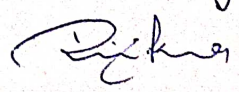
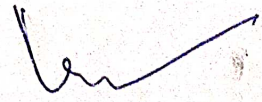
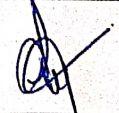
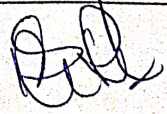
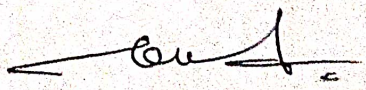
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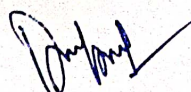
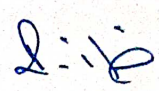
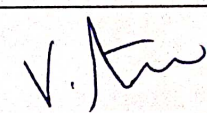
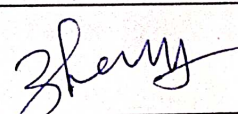
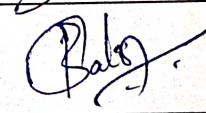
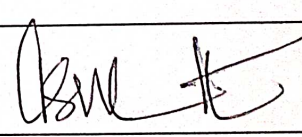
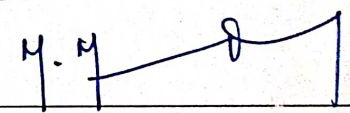
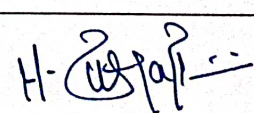
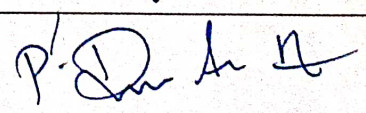
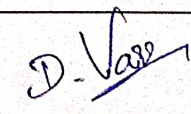
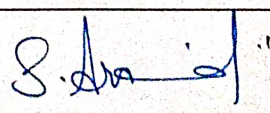
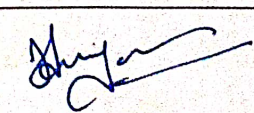
The UG/PG curriculum, Semester III and Semester IV syllabus of the Department of Electronics and Communication Engineering, S.A.Engineering College (Autonomous), Chennai for 2020-2021 admission onwards, has been ratified by the Board of Studies of ECE Department which met on 25/02/2021 through online mode in ZOOM platform.

Members Present:

S.No.	Name	Designation	Signature
1	Dr.G.Kavya M.E., Ph.D Professor & Head, Dept. of ECE, S.A. Engg. College, Chennai -77	Chairperson	
2	Dr. M.D.Selvaraj Ph.D. (IIT Delhi) Dean (Sponsored Research & Industrial Consultancy, Continuing Education) IITDM Kancheepuram (Institute of National Importance under MHRD, Govt. of India)	Subject Expert	 25/2/2021
3	Dr.T.Kalpalatha Reddy ME, Ph.D, LMIETE, LMISTE, Principal & Professor, S V Engineering College For Women, Anantapuramu. Karakambadi Road, Tirupati, Andhra Pradesh, (INDIA)	Subject Expert	
4	Dr.N.Kumaratharan, Ph.D Professor, Department of ECE Sri Venkateswara College of Engineering(Autonomous) Chennai, 602 117 kumaratharan@svce.ac.in	University Nominee	
5	Mr.A.Senthil Director Eaglesight Measurement Technologies Private Limited Kovilpatti, Tuticorin, Tamilnadu. senthil@eaglesightmeasurement.com	Representative from Industry	

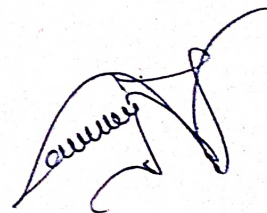
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6	Mr. Boney Verhghese Fiber Engineer, Tata Communications & Transformation Services, Sai Nagar, Ambattur Industrial Estate, Chennai 600 058	Alumni	
7	Dr B R Tapas Bapu Professor, Dept. of ECE, S.A. Engg. College, Chennai -77	Member	
8	Dr C Arunachalaperumal Professor, Dept. of ECE, S.A. Engg. College, Chennai -77	Member	
9	Dr N Anusha Professor, Dept. of ECE, S.A. Engg. College, Chennai -77	Member	
10	Dr.S.Suvitha Associate Professor, Dept. of ECE, SAEC	Member	
11	Ms. M.Vanithalakshmi Associate Professor Dept. of ECE, SAEC	Member	
12	Ms. B.Menaka Associate Professor Dept. of ECE, SAEC	Member	
13	Ms. K.M.Dhanalakshmi Associate Professor Dept. of ECE, SAEC	Member	
14	Ms. Sreeja Vijay Associate Professor Dept. of ECE, SAEC	Member	
15	Mr. S.Pradeep Associate Professor Dept. of ECE, SAEC	Member	
16	Dr.S.Dhilipkumar Assistant Professor, Dept. of ECE, SAEC	Member	
17	Ms. M.Ramya Assistant Professor, Dept. of ECE, SAEC	Member	
18	Ms. R.Ashwini Assistant Professor, Dept. of ECE, SAEC	Member	
19	Ms. P.Sasirekha Assistant Professor, Dept. of ECE, SAEC	Member	
20	Ms. K.Mekala Devi Assistant Professor, Dept. of ECE, SAEC	Member	

21	Mr. D.Prakash Assistant Professor, Dept. of ECE,SAEC	Member	
22	Mr. R.Thirumurugan Assistant Professor, Dept. of ECE,SAEC	Member	
23	Ms. V.Aruna Assistant Professor, Dept. of ECE,SAEC	Member	
24	Mr.M.Bharaneedharan Assistant Professor, Dept. of ECE,SAEC	Member	
25	Mr.D.Balakumaran Assistant Professor, Dept. of ECE,SAEC	Member	
26	Ms.M.Priscilla Assistant Professor, Dept. of ECE,SAEC	Member	Priscilla . M.
27	Ms.T.S.Valarmathi Assistant Professor, Dept. of ECE,SAEC	Member	
28	Mr.M.Maria Rubiston Assistant Professor, Dept. of ECE,SAEC	Member	
29	Ms.G.Divya Assistant Professor, Dept. of ECE,SAEC	Member	G. Divya
30	Ms.R.Rekha Assistant Professor, Dept. of ECE,SAEC	Member	R. Rekha
31	Ms.H.Usha Rani Assistant Professor, Dept. of ECE,SAEC	Member	
32	Mr.P.Dinesh Anton Raja Assistant Professor, Dept. of ECE,SAEC	Member	
33	Ms.D.Varalakshmi Assistant Professor, Dept. of ECE,SAEC	Member	
34	Mr.S.Aravind Assistant Professor, Dept. of ECE,SAEC	Member	
35	Ms.Anjana Jyothi Banu Assistant Professor, Dept. of ECE,SAEC	Member	

S.No.	POINTS DISCUSSED & DESCRIPTION
1.	<ul style="list-style-type: none"> • Dr.G.Kavya, Professor & Head –ECE started with the presentation of Curriculum & Syllabus for third and fourth semester of ECE • She continued with the Syllabus framed for the serving department CSE/IT/MECHANICAL
2.	<ul style="list-style-type: none"> • Dr.T.Kalpalatha Reddy ME, Ph.D., LMIETE, LMISTE, Principal & Professor, S V Engineering College For Women, informed AICTE has introduced Modern human values as a compulsory 2 credit course for all years and the same has to be implemented in the curriculum design
3.	<ul style="list-style-type: none"> • Dr.T.Kalpalatha Reddy further asked whether any minor degree course is offered by the college. • Dr.G.Kavya answered Minor degree courses will be discussed with the higher officials for implementation
4.	<ul style="list-style-type: none"> • Dr.T.Kalpalatha Reddy suggested to include Helmholtz theorems as it forms a basis for better understanding of Transmission Lines & Waveguides and Antennas Wave Propagation
5.	<ul style="list-style-type: none"> • Committee Members Dr.T.Kalpalatha Reddy and Mr.A.Senthil, Director Eagle sight Measurement Technologies Private Limited suggested to Include Pulse and Digital circuits as a unit of Digital system design or can be provided as separate course.
6.	<ul style="list-style-type: none"> • Dr.T.Kalpalatha Reddy asked whether Queuing theory syllabus is included in Probability & Random Process. Based on the complexity of the syllabi of Probability & Random Process,. Queuing Theory may be included as it may help ECE students
7.	<ul style="list-style-type: none"> • Dr. M.D.Selvaraj Ph.D. (IIT Delhi) Dean (Sponsored Research & Industrial Consultancy, Continuing Education) IIITDM Kancheepuram informed prerequisite is not mandatory for Open Elective Courses and even Music, arts etc can also be included in Open Elective. • He further informed that Engineering students of any discipline can opt for open elective and students can be selected based on First Come First Serve basis.
8.	<ul style="list-style-type: none"> • Dr.G.Kavya, Professor & Head –ECE informed students were offered with Certified Courses such as Robotics and Artificial Intelligence last semester duly approved by Academic Council. • To enhance students' knowledge and make them expertise in Robotics & AI, Value-added Course By Ashtrix Robotics & Research Center is organized this semester for ECE, EEE, CSE, IT and Mechanical students. She further informed VAC are included in the Time Table itself and Course content spans to 55 hrs. With hands on sessions and Mini Projects. • Students will be finally certified with Stem Accredited Certification at the end of the course
9.	<ul style="list-style-type: none"> • Dr.T.Kalpalatha Reddy suggested to follow Course Objectives, Course Outcomes and Mapping of POs and PSOs for VAC on Robotics and Artificial Intelligence.
10.	<ul style="list-style-type: none"> • Committee Members appreciated the efforts taken by the College and Value added Course can be offered with credits which can be taken over by the students for the total credits.

11.	<ul style="list-style-type: none"> • Dr.N.Kumarathan, Ph.D., Professor, Department of ECE, Sri Venkateswara College of Engineering(Autonomous) suggested SAEC-ECE department credits to be in par with Anna University and AICTE credits to enable and support students pursuing higher studies in-foreign Universities. Additionally, students are eligible for credits transfer by earning their credits alternatively through online courses and utilize the same duration for attending internship/Inplant training
12.	<ul style="list-style-type: none"> • Committee Members suggested to provide Industry supported Labs as it is the freedom, significance and specialty of Autonomous Colleges. • Dr.G.Kavya presented the Industrial Automation Lab which will be included in 5th Semester & Third year of study in association with Spark Automation Laboratory
13.	<ul style="list-style-type: none"> • Mr.A.Senthil, Director Eagle sight Measurement Technologies Private Limited suggested to introduce new course on "Quantum Mechanics- An Introduction" and this can be included in syllabus may be in "Open /Elective Programe.
14.	<ul style="list-style-type: none"> • Students who take up these online courses can be provided with the freedom of taking up 1 year or 6 months Internship –Inplant trainings in the final year of Study
15.	<ul style="list-style-type: none"> • Finally Dr.G.Kavya, Chairperson thanked all the members of BoS for their valuable suggestions which will be incorporated in the forthcoming years • Meeting ended with the Vote of Thanks by Dr.N.Anusha, Professor –ECE Department



Dr. G. Kavya, M.E., Ph.D.

Professor & Head,

Department of Electronics & Communication Engg.

S.A. Engineering College,

Chennai - 600 077.