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KOMARAPALAYAM - 637303

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# SECOND BOARD OF STUDIES MINUTES OF MEETING

Meeting No : EEC/ECE/BoS/2

Date : 30.06.2021 Time : 10.00 am

Venue : Online Mode (Via Google Meet)
Link : meet.google.com/cnn-fhoj-iaf

### Agenda:

- To discuss and pass the syllabi of the courses of II year B.E. Electronics & Communication Engineering Programme for the students admitted from 2020-21 academic year onwards
- 2. To discuss and pass the syllabi of the courses of Second year M.E. Applied Electronics Programme for the students admitted from 2020-21 academic year onwards
- 3. To discuss and pass the Syllabi of subjects offered to other departments
- To discuss and pass the syllabi of one credit courses offered to the second year
   B.E(ECE) programme for the students admitted from 2020-21 onwards.
- 5. Any other Matters

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### Resolutions

1. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum and syllabi of B.E. Electronics & Communication Engineering programme with the following changes.

### Semester- III

Semester- III	RESOLUTION
RECOMMENDATION	REGOLOTIO
B.EC.2.1 Dr.Bommanna Raja K recommended to interchange the unit 2 and unit 3 in the subject Signals and System (20EC301).  B.EC.2.2 Dr Dhanalakshmi suggested to include frequency response in unit 3 in Signals and System (20EC301)	B.EC.R 2.1 Units have been interchanged.  B.EC.R 2.2 Frequency response topic has been included
B.EC.2.3 Dr.Selvanthi D recommended to interchange the unit 4 and unit 5 in Electronic Circuits (20EC302).  B.EC.2.4 Dr.Bommanna Raja K advised to remove the differential amplifier and basic BJT topics in Electronic Circuits because it is already include in LIC Subject.	B.EC.R 2.3 Units have been interchanged.  B.EC.R 2.4 Differential amplifier and basic BJT topics were removed.
B.EC.2.5 Dr.Bommanna Raja K and Dr.Selvathi D suggested to change the unit 5 name as Electromagnetic Waves in Electromagnetic Field (20EC303) B.EC.2.6 Mr.Manoj Kumar suggested to include case study in every Semester	B.EC.R 2.5 As per suggestion Unit 5 heading renamed as Electromagnetic Waves B.EC.R 2.6 As per suggestion case study included in every semester
B.EC.2.7 Dr.Bommanna Raja K and Dr.Srihari priya.K.C informed to change the number systems to introduction to number system and asked to remove HDL in unit 2 in Digital Electronics(20EC304).	B.EC.R 2.7 Changed the number systems to introduction to number
B.EC.2.8 Dr.Bommanna Raja K suggested to include feedback oscillator ,power amplifier and BJT experiments in Analog and Digital Laboratory (20EC305)	oscillator ,power amplifier and BJT

B.EC.2.9 Dr.Bommanna Raja K suggested	B.EC.R 2.9 Advanced topics included
to include new innovative topics in subjects.	in subjects.
Semester IV	
B.EC.2.10 Dr.Bommanna Raja K recommended to add electromechanical system instead of Mechanical Translational System in Control System Engineering (20EE401)	B.EC.R 2.10 Electromechanical system is included in the subject.
B.EC.2.11 Dr.Selvathi D suggested to include application oriented ICs as a special Function ICs. eg. Audio amplifier ICs or video amplifier ICs in Linear Integrated Circuits(20EC402)	B.EC.R 2.11 Audio amplifier ICs or video amplifier ICs were included.
B.EC.2.12 Dr.Selvathi D suggested to change the unit 2 heading in Microprocessor and Microcontroller (20EC405) and also to add 8085 Microprocessor in the syllabus because it will be useful for gate coaching also.  B.EC.2.13 Dr.Srihari priya.K.C recommended to include the ARM processor in Microprocessor and Microcontroller (20EC405)  B.EC.2.14 Mr.S.Sundaramoorthy advised to give more importance to Embedded C Language than assembly language (20EC405)	B.EC.R 2.12 Unit 2 heading changed to Instruction set and Assembly Language programming. The 8085 Microprocessor syllabus included in value added course.  B.EC.R 2.13 ARM processor topic included in embedded system subject in 6th Semester.  B.EC.R 2.14 Embedded C Language included in Embedded system subject.
B.EC.2.15 Dr.Selvathi D suggested to give whether the experiments will be done by using 8086/8051 in Laboratory components of MPMC(20EC405)  B.EC.2.16 Dr.Srihari Priya.K.C recommended to increase the syllabus in one credit course	B.EC.R 2.15 Specified the 8086/8051 in all the experiments.  B.EC.R 2.16 Increased the contents in
of Mat lab Laboratory(20AE002)  B.EC.2.17 Dr.Selvathi D enquired about the way of conducting the one credit course Android and mobile troubleshooting (20AE001)	B.EC.R 2.17 The course will be conducted with the help of industrial

B.EC.2.18 Dr. Srihariharipriya. K.C recommended to change the course code for B.EC.R 2.18 Changed the course code Control Systems Engineering instead for 20EE401 to 20EC403.

for the subject.

#### One Credit Course

2. Resolved that the syllabi of one credit courses may be passed to the standing Committee of academic council with a following changes.

RECOMMENDATION	RESOLUTION
B.EC.2.19 Dr.Selvathi D recommended to reduce the syllabus in Android mobile troubleshooting	B.EC.R.2.19. As per the suggestion reduced the syllabus .

### **ME Applied Electronics**

3. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum and syllabi of M.E. Applied Electronics programme with the following changes.

RECOMMENDATION	RESOLUTION
B.EC.2.20 Dr.Srihariharipriya.K.C suggested to include LaTeX Programming language topic in Research and methodology.	B.EC.R.2.20 In Research and methodology LaTeX Programming language topic is included.

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### SECOND BOARD OF STUDIES MEETING

#### Members Present-30.06.2021

S.No.	Name and Affiliation	Designation	Signature
١.	Dr.S.Anbu Karuppusamy Professor & Head	Chairman	Ann -
	Professor & neau	Criairiai	UN \
2.	Dr.D.Selvathi, Senior Professor, Department of Electronics & Communication Engineering, Mepco Shclenk Engineering	University Nominee	Delu
3.	College, Sivakasi-626 005.  Dr. S.Dhanalakshmi  Professor , Department of ECE,  SRM Institute of Science and  Technology (formerly known as  SRM University).Kattankulathur  Campus, Kanchipuram-603203	Academic Expert	SPV-
4.	Dr.K.C.Sriharipriya, Associate Professor, School of Electronics, Vellore Institute of Technology, Vellore-632014.	Academic Expert	Residency
5.	Mr.Anup Vittal , Managing Director – Critical Infrastructure India, BMT Consultant India Pvt.Ltd, Citi Point, Andheri - Kurla Rd, Andheri East, Mumbai, Maharashtra 400059.	Expert Member (Industry)	ABSENT
6.	Mrs.S.Priyanka (Batch:2016-18) Outlet Manager,Toni &Guy Essentuals, Rubee Complex, Coimbatore-641006.	PG Alumni (Entrepreneur)	ABSENT
7.	Dr.A.Athif Shah, Chairman and Managing Director, ABE Semiconductor Designs, 16/B- 3 Sundarbans Complex, First Avenue, Ashok Nagar, Hotel Saravana Bhavan Basement, Chennai, 600083	Special Invitee	Sm Jan J
8.	Dr.C.Ramesh Senior Technical Manager / Lead LTE Small cell Team, Samsung Research Institute, Bangalore. Email:prameshmail@gmail.com	Special Invitee	Romande

9.	Mr.S.Sundaramoorthy Managing Director,	Special Invitee	AAndre
10.	Sunshiv Electronics, Coimbatore  Mr.S.Manoj Kumar, (Batch: 2015- 19)Technology Analyst, PA – IoT – CoE, Cognizant Technology Solutions, Lakshmi Tech Park, Chennai-79	UG Alumni (Entrepreneur)	sha to
11.	Dr.C.Karthikeyini Professor	Professor& IQAC Head	Barmhu
12.	Dr.S.Jayapoorani Professor	Member	> 344
13.	Dr.A.Vasantharaj + Associate Professor	Member	2.0
14.	Dr.N.Nandhagopal Associate Professor	Member	Doming
15.	Mrs.K.Tamilarasi Assistant Professor	Member	K. Qui
16.	Mr. P.Saravanaprasath Assistant Professor	Member	En
17.	Mrs. A.Anitharani Assistant Professor	Member	A Dint
18.	Mr.N.Rajagopala Krishnan Assistant Professor	Member	Tagagapas
19.	Mr. M. Ramesh Assistant Professor	Member	M. De-
20.	Ms. S.Theivanayaki Assistant Professor	Member	Stairanayati
21.	Mr. A.Jagadeeswaran Assistant Professor	Member	¥ 4 4
22.	Mrs. P.Narmatha Assistant Professor	Member	N-#W
23.	Mrs.R.Pushpavathi Assistant Professor	Member	48
24.	Mr.N.Sakthivel Assistant Professor	Member	4.55
25.	Mrs.V.M.jeevitha Assistant Professor	Member	300
26.	Mr. R.Arunprasath Assistant Professor	Member	Of America
27.	Ms.S.Arunodhaya Assistant Professor	Member	s. drunt

28.	Mrs. S. Priya Assistant Professor	Member	8 Paga
29.	Mr.S.Satheesh kumar Assistant Professor	Member	sport
30.	Mr.L.Mubarali Assistant Professor	Member	Telegatet
31.	Mrs. M.Ramya Assistant Professor	Member	M. A.
32.	Ms. K.Kodeeswari Assistant Professor	Member	Seature
33.	Mrs. M.Tamilarasi Assistant Professor	Member	Milew
34.	Mr.R.Kandasamy Assistant Professor	Member	B. B. Junel.
<u>3</u> 5.	Ms.D.Viji Assistant Professor	Member	D. vėji
36.	Ms. S.Ayisha Assistant Professor	Member	of white
37.	Mr.K.Kamalrai Assistant Professor	Member	K.42
38.	Mrs.R.Ramya Assistant Professor	Member	RRI
39.	Mrs.M.Reshma Das Assistant Professor	Member	Protomal
40.	Ms.E.Shalini Assistant Professor	Member	F &
41.	Mr.P.Vishnu Assistant Professor	Member	6 N





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# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

# THIRD BOARD OF STUDIES MINUTES OF MEETING

Meeting No :

: EEC/ECE/BoS/3

Date

: 24.02.2022

Time

: 10.00 am

Venue

: Online Mode (Via Google Meet)

Link

: meet.google.com/hpt-smvd-ojc

### Agenda:

B.EC.3.1	To discuss and pass the syllabi of the courses offered during III year
	BE Electronics and Communication Engineering Programme for the
	students admitted from the academic year 2020-21 onwards
B.EC.3.2	To discuss and pass the Syllabi of Professional Elective courses
	offered for B.E. Electronics and Communication Engineering
	Programme for the admitted from 2020-21 academic year onwards.
B.EC.3.3	To discuss and pass the Syllabi of Open Elective courses offered to other programme students admitted from the academic year 2020-21 onwards.
B.EC.3.4	To discuss and pass the Syllabi of one credit courses offered during V and VI semester of B.E. Electronics and Communication Engineering Programme for the students admitted from 2020-21 academic year onwards.
B.EC.3.5	To discuss and pass the curriculum of Regulation 2022 for M.E. Applied
	Electronics Engineering programme for the students admitted from the academic year 2022-23 onwards.
B.EC.3.6	To discuss and pass the first year syllabi of M.E. Applied Electronics Engineering for the students admitted from the academic year 2022-23 onwards.
B.EC.3.7	Any other Matters.

### Resolutions

B.EC.R.3.1 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabl of core courses of third year B.E. Electronics & Communication Engineering programme with the following changes.

### Semester- V & VI

RECOMMENDATION	RESOLUTION
B.EC. 3.1.1 Dr.K.C.Sriharipriya and Dr.D.Selvathi have suggested to include communication related layers in the subject Communication Networks (20EC504).	B.EC.R 3.1.1 As per the suggestion communication layers was included.
B.EC. 3.1.2 Mr.S.Sundaramoorthy has recommended for Industrial Visit in IC manufacturing industries so that the students may get benefitted for the subject VLSI Design Laboratory. (20EC505).	B.EC.R 3.1.2 Industrial Visit will be arranged in IC manufacturing industry as per the suggestion.
B.EC. 3.1.3 Dr. D. Selvathi suggested that books can be incorporated with latest edition for the subject Wireless & Mobile Communication (20EC601).	B.EC.R 3.1.3 Dr.Anbukaruppusamy said that the electronics copy of the Wireless Communication is available in the library. So that the students can utilize it.
B.EC.3.1.4 Dr.S.Dhanalakshmi has suggested to include case studies in the subject Medical Electronics (20EC602).  B.EC.3.1.5 Dr.D.Selvathi has recommended to interchange the first reference book and the second text book.	B.EC.R 3.1.4 The case studies have been included in the 5 <sup>th</sup> unit and the books have been interchanged as per the suggestion.  B.EC.R 3.1.5 As per the suggestions the book list were interchanged
B.EC.3.1.6 Dr. D. Selvathi recommended to change the first and fourth unit heading specifically for the subject Microwave and Optical Communication. (20EC603)	first and fourth unit heading were

B.EC.R.3.2 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of professional elective

B.E. Electronics & Communication Engineering programme with the following changes.

RECOMMENDATION	RESOLUTION	
B.EC.3.2.1 Dr. D. Selvathi suggested to	B.EC.R 3.2.1 Dr. S. Anbukaruppusamy told	
check whether the spectrum related topic is	that spectrum topics are available in Analog	
available in the Analog and Digital	and Communication subject.	
Communication subject (20PE008).		
B.EC.3.2.2 Dr.Dhanalakshmi and		
Dr.Selvathi have suggested to change the	B.EC.R 3.2.2 As per the suggestion trees	
trees heading in unit 4 to trees based	unit has been changed to trees based	
classifier. And asked to remove the topic	classifier and genetic algorithm topic was	
genetic algorithm in the subject Machine	removed.	
Learning Fundamentals (20PE009)		
B.EC.3.2.3 Dr.Selvathi recommended to		
change the unit 1 title introduction to		
introduction to neural networks in the subject	B.EC.R.2.3.3 As per the suggestion the	
Deep learning. Also asked to add Machine	changes were incorporated in the subject	
learning Fundamentals in this subject. Mr.	Deep learning.	
Manoj asked to include optimization		
techniques.(20PE010)		
B.EC.3.2.4 Dr.K.C.Sriharipriya suggested	B.EC.R 3.2.4 As per the suggestion C	
to include C Means Clustering algorithm	means Clustering algorithm topics have been	
topics in unit 2 in the subject Pattern	included.	
recognization (20PE011).		
B.EC.3.2.5 Dr.Dhanalakshmi suggested		
to refine the unit 4 interfacing sensors in the	B.EC.R 3.2.5 As per the suggestion the	
subject Microsensors and interfacing	unit 4 was refined.	
Electronics (20PE029).		
B.EC.3.2.6 Dr.Dhanalakshmi		
recommended to change the unit title	B.EC.R 3.2.6 As per the suggestion the title	
Robotics to Basic concept of Robotics in the	has been changed.	
subject Robotics and Automation (20PE043)		
B.EC.3.2.7 Dr.K.C.Sriharipriya suggestee	B.EC.R 3.2.7 As per the suggestion the	
to change the unit 4 title as fundamentals of	f alteration has been made.	
loT in the subject Al and loT. And suggested		
to remove the topic Fog edge.		

B.EC.R.3.3 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of open elective

B.E. Electronics & Communication Engineering programme with the following changes.

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B.EC.3.3.1 Mr.Sundarmoorthy suggested to change the heading 'Introduction' to 'Real system' in the subject Embedded and Real time Systems (20ECO05).

**B.EC.R.3.3.1** As per the suggestion the changes have been made.

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# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### THIRD BOARD OF STUDIES MEETING

### Members Present-24.02.2022

S.No.	Name and Affiliation	Designation	Signature
1.	Dr.S.Anbu Karuppusamy Professor & Head	Chairman	Am
2.	Dr.D.Selvathi, Senior Professor, Department of Electronics & Communication Engineering, Mepco Shclenk Engineering College, Sivakasi-626 005.	University Nominee	Dadu
3.	Dr. S.Dhanalakshmi Professor , Department of ECE, SRM Institute of Science and Technology (formerly known as SRM University).Kattankulathur Campus, Kanchipuram-603203	Academic Expert	Spell-
4.	Dr.K.C.Sriharipriya, Associate Professor, School of Electronics, Vellore Institute of Technology, Vellore-632014.	Academic Expert	Jeshup.
5.	Mr.Anup Vittal , Managing Director – Critical Infrastructure India, BMT Consultant India Pvt.Ltd, Citi Point, Andheri - Kurla Rd, Andheri East, Mumbai, Maharashtra 400059.	Expert Member (Industry)	Amip Vi Hzvl
6.	Mrs.S.Priyanka (Batch:2016-18) Outlet Manager,Toni &Guy Essentuals, Rubee Complex, Coimbatore-641006.	PG Alumni (Entrepreneur)	ABSENT
7.	Dr.A.Athif Shah, Chairman and Managing Director, ABE Semiconductor Designs, 16/B- 3 Sundarbans Complex, First Avenue, Ashok Nagar,Hotel Saravana Bhavan Basement, Chennai, 600083	Special Invitee	Sm Jak J
8.	Dr.C.Ramesh Senior Technical Manager / Lead LTE Small cell Team, Samsung Research Institute, Bangalore. Email:prameshmail@gmail.com	Special Invitee	Parale

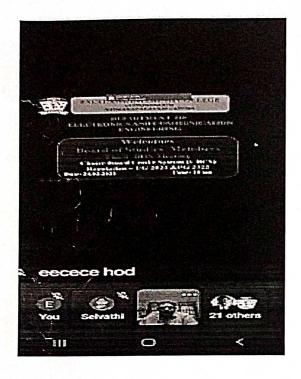
9.	Mr.S.Sundaramoorthy Managing Director, Sunshiv Electronics,Coimbatore	Special Invitee	AAndr
10.	Mr.S.Manoj Kumar, ( Batch: 2015- 19)Technology Analyst, PA – IoT – CoE, Cognizant Technology Solutions, Lakshmi Tech Park ,Chennai-79	UG Alumni (Entrepreneur)	& Henth
11.	Dr.C.Karthikeyini Professor	Professor& IQAC Head	Darmbyn
12.	Dr.S.Jayapoorani Professor	Member	1. Japat
13.	Dr.A.Vasantharaj Associate Professor	Member	211
14.	Dr.N.Nandhagopal Associate Professor	Member	Donum
15.	Dr.K.Tamilarasi Assistant Professor	Member	K. Qui.
16.	Mr. P.Saravanaprasath Assistant Professor	Member	8~~
17.	Mrs. A.Anitharani Assistant Professor	Member	& Anil
18.	Mr.N.Rajagopala Krishnan Assistant Professor	Member	(a) agope (
19.	Mr. M. Ramesh Assistant Professor	Member	mab-
20.	Ms. S.Theivanayaki Assistant Professor	Member	& Leivanayah
21.	Mr. A.Jagadeeswaran Assistant Professor	Member	ATT
22.	Mrs. P.Narmatha Assistant Professor	Member	M +M
23.	Mrs.R.Pushpavathi Assistant Professor	Member	The state of the s
24.	Mr.N.Sakthivel Assistant Professor	Member	The state of the s
25.	Mrs.V.M.jeevitha Assistant Professor	Member	J.
26.	Mr. R.Arunprasath Assistant Professor	Member	@ Smet 4
27.	Ms.S.Arunodhaya Assistant Professor	Member	2 Aml

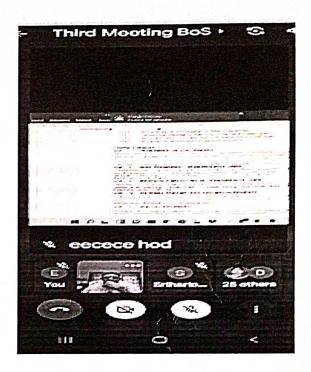
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28.	Mrs. S. Priya Assistant Professor	Member	8 Page
29.	Mr.S.Satheesh kumar Assistant Professor	Member	again.
30.	Mr.L.Mubarali Assistant Professor	Member	- Herring
31.	Mrs. M.Ramya Assistant Professor	Member	The start
32.	Ms. K.Kodeeswari Assistant Professor	Member	Leader
33.	Mrs. M.Tamilarasi Assistant Professor	Member	M. Tem
34.	Mr.R.Kandasamy Assistant Professor	Member	E. S. Junil.
35.	Mr.Arun Antony Assistant Professor	Member	1. Amptony
36.	Mr.Loganathan - Assistant Professor	Member	Bayleen
37.	Mr.K.Kamalraj Assistant Professor	Member	K. 45-
38.	Mrs.R.Ramya Assistant Professor	Member	R.P.
39.	Mrs.M.Reshma Das Assistant Professor	Member	Permu
40.	Ms.E.Shalini Assistant Professor	Member	F &
41.	Dr.Kesavan Associate Professor	Member	Any
42.	Ms. Jothika.M	Final Year	Jose Jo
43.	Mr.Irfan.A	Third year	J.

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### **BoS Screenshots**





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