EXCEL ENGINEERING COLLEGE
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Accredited by NBA and NAAC with "A+"and Recognized by UGC(2f&12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

FOURTH BOARD OF STUDIES
MINUTES OF MEETING

Meeting No : EEC/ECE/BoS /4
Date : 29.03.2023
Time : 10.00 am
Venue : Kandasamy Hall, A/c Hall

Agenda:

B.EC.4.1 To discuss and pass the syllabus of VII Semester to B.E Electronics and Communication Engineering Programme for the students admitted from the academic year 2020 – 21 onwards under Regulation 2020.

B.EC.4.2 To discuss and pass the courses for B.E.(Honours) specialization in the same discipline and B.E.(Honours) for the students admitted from the academic year 2021-22 onwards under Regulation 2020/ V2.

B.EC.4.3 To discuss and pass the curriculum and syllabi of Minor Degree programme in "Embedded System and IoT" for the students admitted from the academic year 2021 – 22 onwards under Regulation 2020 / V2.

B.EC.4.4 To discuss and pass the curriculum of B.E Electronics and Communication engineering for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023.

B.EC.4.5 To discuss and pass the first year syllabi of B.E Electronics and Communication engineering for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023.

B.EC.4.6 To discuss and pass the second year syllabi of M.E Applied Electronics for the students admitted from the academic year 2022 – 23 onwards under Regulation 2022.

B.EC.4.7 Any other matters.

Resolutions

B.EC.R.4.1 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of core courses of fourth year B.E. Electronics & Communication Engineering programme with the following changes.

Semester- VII

RECOMMENDATION	RESOLUTION
B.EC. 4.1.1 Dr.K.C.Sriharipriya and Dr.D.Selvathi have suggested to remove the words 'over view' and 'such as' for the subject IoT System Design and Applications(20EC701)	**B.EC.R 4.1.1** As per the suggestion the changes were included.
B.EC. 4.1.2 Dr.C.Karthikeyini has suggested to check Course Objectives for Digital Image Processing (20EC702).	**B.EC.R.4.1.2** Course objective will be verified for this course.
B.EC.4.1.3 Dr. D. Selvathi suggested that books can be incorporated with latest edition for all the subjects.	**B.EC.R.4.1.3** As per the suggestion latest edition books will be incorporated for all the subjects.
B.EC.4.1.4. Dr.C.Karthikeyini recommended to verify all the assessment part in all subjects.	**B.EC.R.4.1.4** As per the suggestion the assessments for all the subjects were corrected according to the blooms level.

B.EC.R.4.3 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of Minor Degree of B.E. Electronics & Communication Engineering programme with the following changes.

RECOMMENDATION	RESOLUTION
B.EC.4.3.1. Dr.K.C.Sriharipriya suggested to include Device Drives topic which will satisfy the industrial needs, in the Real Time Embedded Systems (20ECM02).	Dr. S. Anbukaruppusamy told that the suggested topic will be included in the Real Time Embedded Systems (20ECM02).

B.EC.R.4.4 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum of the R-2023 for B.E. Electronics & Communication Engineering programme with the following changes.

B.EC.4.4.1. Dr.D.Selvathi has suggested to verify whether all the courses are designed in the curriculum according to the different tracks in ECE.	**B.EC.R.4.4.1** As per the suggestion the tracks in the ECE will be verified.

B.EC.4.4.2. Dr.D.Selvathi recommended to change the course name CMOS VLSI Design as VLSI Design Technology.	**B.EC.R.4.4.2.** As per recommendation the changes have been made.
B.EC.4.4.3. Dr.C.Karthikeyini suggested to remove the course Artificial Intelligence and Machine Learning (23EC601) to from sixth semester and include in seventh semester.	**B.EC.R.4.4.3.** The changes will be incorporated.
B.EC.4.4.4. Dr.D.Selvathi recommended to rephrase the title Principle of Speech processing (23PE008) to Speech Processing.	**B.EC.R.4.4.4.** The title was rephrased as speech processing.
B.EC.4.4.5. Dr.K.C.Sriharipriya and Dr.D.Selvathi have suggested to make sure the content should not be repeated in any of the course while setting the syllabus and also the hierarchy has to be mentioned.	**B.EC.R.4.4.5** As per suggestion the changes will be incorporated while framing the syllabus.

B.EC.R.4.5   Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the second year syllabi of M.E Applied Electronics programme with the following changes.

RECOMMENDATION	RESOLUTION
B.EC.4.5.1 Dr.D.Selvathi suggested that the content in unit 1 of Computer vision (22PEA019) should not be generic.	**B.EC.R.4.5.1** As per the suggestion the unit1 content has been changed.

D. Suw 29/3/23
University Nominee

29/3/23.
Academic Expert

29/3/23
Chairman - Board of Studies

29/03/23
Chairman – Academic Council

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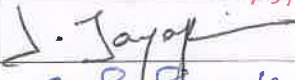Accredited by NBA, NAAC with "A+" and Recognised by UGC (2f &12B)
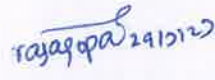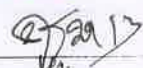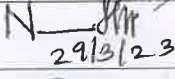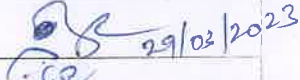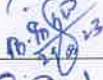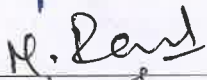
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FOURTH BOARD OF STUDIES MEETING

Members Present - 29.03.2023

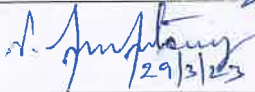| S.No.	Name and Affiliation	Designation	Signature
1.	Dr.S.Anbu Karuppusamy Professor & Head	Chairman	
2.	Dr.D.Selvathi, Senior Professor, Department of Electronics & Communication Engineering, Mepco Schlenk Engineering College, Sivakasi-626 005.	University Nominee	D - Selv 29/3/23
3.	Dr. S.Dhanalakshmi Professor , Department of ECE, SRM Institute of Science and Technology (formerly known as SRM University).Kattankulathur Campus, Kanchipuram-603203	Academic Expert	ABSENT
4.	Dr.K.C.Sriharipriya, Associate Professor, School of Electronics, Vellore Institute of Technology, Vellore-632014.	Academic Expert	
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	ABSENT
8.	Dr.C.Ramesh Senior Technical Manager / Lead LTE Small cell Team, Samsung Research Institute, Bangalore. Email:prameshmail@gmail.com	Special Invitee	ABSENT
9.	Mr.S.Sundaramoorthy	Special Invitee	ABSENT

	Managing Director, Sunshiv Electronics, Coimbatore		
10.	Mr.S.Manoj Kumar, (Batch: 2015-19)Technology Analyst, PA – IoT – CoE, Cognizant Technology Solutions, Lakshmi Tech Park ,Chennai-79	UG Alumni (Entrepreneur)	ABSENT
11.	Dr.C.Karthikeyini Professor	Director Academic, Prof/ECE	
12.	Dr.S.Jayapoorani Professor	Member	
13.	Dr.Jaga Jothi.G Professor	Member	
14.	Dr.A.Vasantharaj Associate Professor	Member	
15.	Dr.K.Tamilarasi Assistant Professor	Member	
16.	Mr. P.Saravana prasath Assistant Professor	Member	
17.	Mrs. A.Anitharani Assistant Professor	Member	
18.	Mr.N.Rajagopala Krishnan Assistant Professor	Member	
19.	Mr. M. Ramesh Assistant Professor	Member	
20.	Ms. S.Theivanayaki Assistant Professor	Member	
21.	Mrs. P.Narmatha Assistant Professor	Member	
22.	Mrs.R.Pushpavathi Assistant Professor	Member	
23.	Mr.N.Sakthivel Assistant Professor	Member	
24.	Mrs. S. Priya Assistant Professor	Member	
25.	Mr.S.Satheesh kumar Assistant Professor	Member	
26.	Mrs. M.Ramya Assistant Professor	Member	
27.	Ms. K.Kodeeswari Assistant Professor	Member	
28.	Mrs. M.Tamilarasi Assistant Professor	Member	
29.	Mr.R.Kandasamy Assistant Professor	Member	
30.	Mr.Arun Antony Assistant Professor	Member	
31.	Mr.Loganathan Assistant Professor	Member	

32.	Mr.K.Kamalraj Assistant Professor	Member	
33.	Mrs.R.Ramya Assistant Professor	Member	
34.	Mrs.M.Reshma Das Assistant Professor	Member	
35.	Ms.E.Shalini Assistant Professor	Member	
36.	Mr.M.Jeeva Assistant Professor	Member	
37.	Mr.A.Mohamedyaseen Assistant Professor	Member	
38.	Ms.S.Vinodhini Assistant Professor	Member	
39.	Mrs.S.Tamilselvi Assistant Professor	Member	
40.	Mrs.J.Kokilavani Assistant Professor	Member	
41.	Ms.R.Savitha Assistant Professor	Member	
42.	Mrs. V.M.Jeevitha Assistant Professor	Member	

Chairman - Board of Studies
Dr. S. ANBUKARUPPUSAMY,
Prof. & Head / ECE,
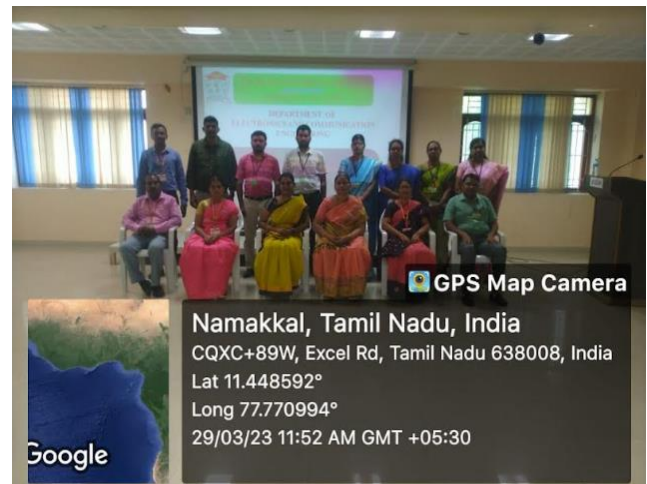Excel Engineering College,
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Images of Meeting

Date : 29.03.2023

IV Board of Studies Meeting –Department of ECE

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

FIFTH BOARD OF STUDIES
MINUTES OF MEETING

Meeting No : EEC/ECE/BoS /05
Date : 13.12.2023
Time : 10.00 am
Venue : Kandasamy A/c Hall

Agenda

B.EC.5.1 To discuss and pass the syllabi of VIII Semester, B.E., Electronics and Communication Engineering programme for the students admitted from the academic year 2020 – 21 onwards under the Regulation 2020.

B.EC.5.2 To discuss and pass the II Semester syllabi of B.E., Electronics and Communication Engineering for the students admitted from the academic year 2023 – 24 onwards under the Regulation 2023.

B.EC.5.3 To discuss and pass the IV semester syllabi of M.E., Applied Electronics for the students admitted from the academic year 2022–23 onwards under the Regulation 2022.

B.EC.5.4 To discuss and pass the curriculum and syllabi of Minor Degree programme "Embedded Systems and IoT" for the students admitted from the academic year 2021 – 22 onwards under the Regulation 2020 / V2.

B.EC.5.5 Any other matters.

Resolutions

B.EC.R.5.1 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of VIII semester B.E. Electronics & Communication Engineering programme under the Regulation 2020 with the following changes.

RECOMMENDATION	RESOLUTION
B.EC. 5.1.1 Dr.J.Aravinth has suggested to map all POs with minimum 2 and Maximum 3. Blooms level for course outcomes may be reviewed.	**B.EC.R 5.1.1** As per the suggestion blooms level of course outcomes and mapping will be verified.
B.EC. 5.1.2 Dr.M.Dhinakaran has suggested to check periods and credits in the syllabi.	**B.EC.R.4.1.2** As per the suggestion the changes were included.

B.EC.R.5.2 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of II semester of B.E. Electronics & Communication Engineering programme under the Regulation 2023 with the following changes.

RECOMMENDATION	RESOLUTION
B.EC.5.2.1 Dr.J.Aravinth suggested to remove π and h model topics from second module of 23EC201.	**B.EC.R.5.2.1** As per the suggestion the changes were made.
B.EC.5.2.2 Dr.J.Aravinth suggested to change the characteristics of SCR and Diac as study experiment in cycle 2 of 20EC202.	**B.EC.R.5.2.2** As per the suggestion the change was included.

B.EC.R.5.3 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum of the IV semester syllabi of M.E., Applied Electronics under the Regulation 2022 with the following changes.

B.EC.5.3.1. Dr.J.Aravinth has suggested to map all POs with minimum 2 and Maximum 3. Blooms level for course outcomes may be reviewed.	**B.EC.R.5.3.1** As per the suggestion blooms level of course outcomes and mapping will be verified.

B.EC.R.5.4 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the Minor Degree programme "Embedded Systems and IoT" under the Regulation 2020 / V2 with the following changes.
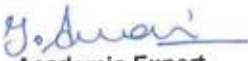
RECOMMENDATION	RESOLUTION
B.EC.5.4.1 Dr.J.Aravinth has suggested to add IoMT topic in unit 4 which will be more beneficial to biomedical students in 20ECM03.	**B.EC.R.5.4.1** As per the suggestion the topic will be added.
B.EC.5.4.2 Dr.J.Aravinth has suggested to add chemical industries topic in unit 5 in 20ECM04.	**B.EC.R.5.4.2** As per the suggestion the topic will be added.
B.EC.5.4.3 Dr.M.Dhinakaran has suggested to make change unit 5 heading as IIoT case studies and also suggested to review smart phone topic.	**B.EC.R.5.4.1** As per the suggestion the changes will be made.

B.EC.5.5 Any other matter

B.EC.R.5.5 It is resolved that all the recommendations and the revisions has been carried out as per suggestions

University Nominee
(Dr.M.DHINAKARAN)

Chairman - Board of Studies

Academic Expert
(Dr. J. Aravinth)

Chairman – Academic Council

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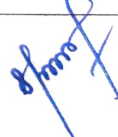**KOMARAPALAYAM - 637303**

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

IMAGES OF MEETING -13.12.23

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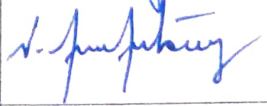### KOMARAPALAYAM – 637303
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
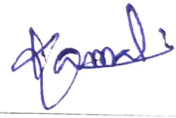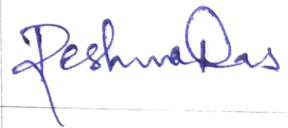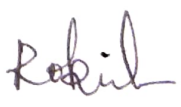
FIFTH BOARD OF STUDIES MEETING

Members Present

Date: 13.12.2023

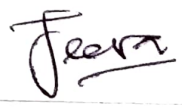| S. No.	Name and Affiliation	Designation	Signature
1.	Dr.S.Anbu Karuppusamy Prof & Head Department of ECE, Excel Engineering College (Autonomous), Komarapalayam, Namakkal DT – 637 303 Mob.No:9715615327	Chairman & HoD	
2.	Dr. M. Dhinakaran Associate Professor Department of Electronics and Communication Engineering Government College of Engineering Salem-636 011 dhina_au@yahoo.com Mob .No:9952341155.	University Nominee	
3.	Dr. J. Aravinth Associate Professor Department of ECE, AmirthaVishwa Vidyapeetham Coimbatore-641112. Mob.No:8838098937	Academic Expert	
4.	Mr.Arun Kumar Perumal Senior DevOps Manager, Robert Bosch pvt Ltd, Coimbatore arunkumar.perumal@gmail.com Mob.No 7708733183	Industry Expert	– AB –
5.	Mr.Prem Kumar.R TekAfforde Solutions Pvt Ltd, Quality Assurance Manager, Bengaluru, Karnataka 560016. Premkummarr@gmail.com Mob No:9566307137	Alumnus	
6.	Dr.C.Karthikeyini	Professor	
7.	Dr.G.Jagajothi	Professor	

S. No.	Name and Affiliation	Designation	Signature
8.	Dr.R.Dinesh	Professor	
9.	Dr.S.Jayapoorani	Professor	
10.	Dr. K.Tamilarasi,	Assistant Professor	
11.	Ms.R.Pushpavathi	Assistant professor	
12.	Mr.N.Sakthivel	Assistant professor	
13	Ms.A.Anitha rani	Assistant professor	
14	Mr.N.Rajagopalakrishnan	Assistant professor	
15.	Ms.K.Kodeeswari	Assistant professor	
16	Mr.S.Satheesh Kumar	Assistant professor	
17	Mr.G.Logananthan	Assistant professor	
18	Mr.V.Arun Antony	Assistant professor	
19	Mr.B.Karthik Prabu	Assistant professor	

S. No.	Name and Affiliation	Designation	Signature
20	Mr.V.Sakthivel	Assistant professor	
21	Mr.N.Siva	Assistant professor	
22	Ms.Nathiya.T	Assistant professor	
23	Ms.Nithya.N	Assistant professor	
24	Ms.R.Ramya	Assistant professor	
25	Mr.K.Kamalraj	Assistant professor	
26	Ms.E.Shalini	Assistant professor	
27	Ms.M.Reshma Das	Assistant professor	
28	Mr.M.Jeeva	Assistant professor	
29	Mr.A.Mohammed Yaseen	Assistant professor	
30	Ms.J.Kokilavani	Assistant professor	
31	Mr.P.Saravana Prasad	Assistant professor	

S. No.	Name and Affiliation	Designation	Signature
32.	Ms.M.Tamilarasi	Assistant professor	
33.	Mr.R.Kandasamy	Assistant professor	
34.	Ms.S.Vinothini	Assistant professor	
35.	Ms.S.Tamilselvi	Assistant professor	
36.	Ms.R.Mohanabharthi	Assistant professor	
37.	Ms.T.Nivedha	Assistant professor	
38.	Mr..D.S..Mydeeswaran	Assistant professor	

Chairman-Board of Studies