



BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE ::ODALAREVU
(AUTONOMOUS)
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date : 10/10/2025

Time: 02:30 PM

Venue : Online Platform (Microsoft Teams)

AGENDA

1. **Item-1:** Welcome Address by Chair Person of BOS.
2. **Item-2:** Discussion on proposed course structure of of M.Tech-Embedded Systems of BR25 Regulation and ratification of the same.
3. **Item-3:** Discussion on proposed syllabi of M.Tech-Embedded Systems of BR25 Regulation and ratification of the same.
4. **Item-4:** Any other item.

Copy to:

1. Dr. Akula Pravin, Professor & Vice-Principal
2. Dr. Valluri Dhana Raj, Professor
3. Dr. Kompella B S D Sarma, Professor
4. Dr. Kusuma Raja Sekhar, Professor
5. Dr. Saladi Kanaka Durga, Professor
6. Dr. Namburi S. N. Lakshmipathi Raju, Professor
7. Mrs. Chavakula Sridevi, Associate Professor
8. Mr. Nadimpalli Phani Kumar, Associate Professor
9. Ms. Pangam Harika, Associate Professor
10. Mrs. Vallabhareddi Sandhya, Associate Professor
11. Dr. Mandem Nomitha Reddy, Assistant Professor
12. Mr. Yegireddi Satya Vinod, Assistant Professor
13. Mr. Inukonda Rama Satya Nageswara Rao, Assistant Professor
14. Mrs. Marisetty Mounika Varalakshmi, Assistant Professor
15. Ms. Samsani N V D Lakshmi Priyanka, Assistant Professor
16. Ms. Gubbala Lakshmi Durga, Assistant Professor
17. Ms. Tikkireddy Sri Satya Mounika, Assistant Professor
18. Mrs. Jalli Uma Maheswari, Assistant Professor
19. Ms. Gosangi Sukanya, Assistant Professor
20. Ms. Kondamuri Lakshmi Priyanka, Assistant Professor
21. Mr. Gidla Sudheer Babu, Assistant Professor
22. Ms. Kanakala Siva Ranjani, Assistant Professor
23. Ms. Seelam Naga Bharghavi, Assistant Professor
24. Ms. Kankipati Swathi, Assistant Professor
25. Ms. Dunaboyina Tulasi, Assistant Professor
26. Ms. Sabbathi Leelaveni Veni, Assistant Professor
27. Mrs. Chikkam Surya Ramagouri, Assistant Professor
28. Ms. Bokka Sai Sree, Assistant Professor
29. Mr. Yelisetti Narayana Murty, Assistant Professor
30. Mr. Shanmuka Satya Sudheer Naidu M, Assistant Professor
31. Dr. Narasimha Sarma N.V.S, Professor, ECE , NIT Warangal.
32. Dr. K Manjunatha Chari, Professor,EECE, Dy.Director- Accreditation and Ranking
GITAM Deemed to be University, Hyderabad.



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33. Dr. U.V.Ratna Kumari, Professor, ECE, University College of Engineering Kakinada, JNTUK, Kakinada.
34. Mr. Bokka Devi Vara Prasad, Staff DFT Engineer-I, Sykatiya technologies Pvt Ltd, Bangalore.
35. Dr. B.V.V. Satyanarayana M.Tech, Ph.D, Assoc. Professor, ECE, Vishnu Institute of Technology, Bhimavaram.

Chairperson of BOS

Dr.Thoram Saran Kumar

Assoc.Professor & HOD





BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE (A)
ODALAREVU
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10/10/2025

The meeting minutes of BR25 M.Tech (Embedded Systems) BOS for ECE department was held on 10-10-2025 in Microsoft Teams online platform.

Resolutions Taken

1. Consider Item No.2.

Resolved to ratify the course structure of BR25 M.Tech (Embedded Systems). The approved are enclosed herewith.

M.TECH.-I YEAR I SEMESTER

S.No.	Course Category	Subject Code	Subject Name	L	T	P	Credits
1	PCC	25EM1T01	Embedded Systems	3	1	0	4
2	PCC	25EM1T02	System design with Embedded Linux	3	1	0	4
3	PCC	25EM1T03	ARM Microcontroller based design	3	1	0	4
4	PEC		Program Elective-I	3	0	0	3
5	PEC		Program Elective-II	3	0	0	3
6	PCC	25EM1L01	Embedded Systems Lab	0	1	2	2
7	PCC	25EM1L02	System Design with Embedded Linux Lab	0	1	2	2
8	PCC	25EM1S01	Seminar-1	0	0	2	1
Total				15	05	06	23

List of Professional Elective Courses in I Semester (Electives – I & II)

S.No	Course Category	Subject Code	Course Title
1	PEC -I	25EM1D01	Software for Embedded Systems
2	PEC -I	25EM1D02	Hardware Software Co-design
3	PEC -I	25EM1D03	Micro electromechanical Systems (MEMS)
4	PEC -I	25EM1D04	Pervasive devices and Technology
5	PEC -II	25EM1D05	Real Time Systems
6	PEC -II	25EM1D06	Embedded System Integration
7	PEC -II	25EM1D07	Embedded Networks and Protocols
8	PEC -II	25EM1D08	RISC Processor Architecture and Programming



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M.TECH. I YEAR II SEMESTER

S.No.	Course Category	Subject Code	Subject Name	L	T	P	Credits
1	PCC	25EM2T04	System Design using Embedded Processors	3	1	0	4
2	PCC	25EM2T05	Embedded and Real Time Operating Systems	3	1	0	4
3	PCC	25EM2T06	Internet of Things	3	1	0	4
4	PEC		Program Elective-III	3	0	0	3
5	PEC		Program Elective-IV	3	0	0	3
6	PCC	25EM2L03	System Design using Embedded Processors Lab	0	1	2	2
7	PCC	25EM2L04	Embedded and Real Time Operating Systems Lab	0	1	2	2
8	PCC	25EM2S02	Seminar-II	0	0	2	1
Total				15	05	06	23

List of Professional Elective Courses in II Semester (Electives – III & IV)

S.No	Course Category	Subject Code	Course Title
1	PEC -III	25EM2D09	AI for Embedded Systems
2	PEC -III	25EM2D10	Embedded System design using FPGA
3	PEC -III	25EM2D11	ASIC & SoC Design
4	PEC -III	25EM2D12	Robotics and Machine Vision
5	PEC -IV	25EM2D13	Network Embedded Applications
6	PEC -IV	25EM2D14	GPU Architectures and Programming
7	PEC -IV	25EM2D15	Embedded Computing System
8	PEC -IV	25EM2D16	Cryptography and Network Security



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M.TECH. II YEAR I SEMESTER

S.No	Course Category	Subject Code	Course Title	L	T	P	Credits
1	HMC	25HM3D01	Research Methodology and IPR/Swayam 12 Week MOOC course-RM & IPR	3	0	0	3
2	PCC	25EM3P01	Summer Internship/Industrial training(8- 10) Weeks *	-	-	-	3
3	PCC	25EM3V01	Comprehensive Viva #	-	-	-	2
4	PCC	25EM3P02	Dissertation part -A ^{\$}	-	-	20	10
Total				03	-	20	18

- *Student attended during summer /year break and assessment will be done in 3rd Sem
- # Comprehensive viva can be conducted courses completed upto second semester
- \$ Dissertation-Part A internal Assessment

M.TECH. II YEAR II SEMESTER

S.No	Course Category	Subject Code	Course Title	L	T	P	Credits
1	PCC	25EM3P03	Dissertation Part – B %	-	-	32	16
Total				03	-	32	16

% Extrenal Assessment

2. Consider item No. 3

Resolved to ratify the Proposed Syllabus of M.Tech in Embedded Systems for the above mentioned Course structure as they are in toto JNTUK R25 regulations.

Finally, Chairman of BOS thanked all the members of their valuable inputs and active participation in the meeting.


BOS Chair Person



BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE (A)
ODALAREVU
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10/10/2025

The meeting minutes of BOS for ECE department was held on 10-10-2025 in Microsoft Teams online platform.

Members Present:

S.No	Name	Position in BOS	Remarks
1	Dr. Thoram Saran Kumar, Associate Professor, HOD	Chair Person	
2	Dr. Akula Pravin, Professor & Vice-Principal	Member	
3	Dr. Valluri Dhana Raj, Professor	Member	
4	Dr. Kompella B S D Sarma, Professor	Member	
5	Dr. Kusuma Raja Sekhar, Professor	Member	
6	Dr. Saladi Kanaka Durga, Professor	Member	
7	Dr. Namburi S. N. Lakshmipathi Raju, Professor	Member	
8	Mrs. Chavakula Sridevi, Associate Professor	Member	
9	Mr. Nadimpalli Phanikumar, Associate Professor	Member	
10	Ms. Pangam Harika, Associate Professor	Member	
11	Mrs. Vallabhareddi Sandhya, Associate Professor	Member	
12	Dr. Mandem Nomitha Reddy, Assistant Professor	Member	
13	Mr. Yegireddi Satya Vinod, Assistant Professor	Member	
14	Mr. Inukonda Rama Satya Nageswara Rao, Assistant Professor	Member	
15	Mrs. Marisetty Mounika Varalakshmi, Assistant Professor	Member	
16	Ms. Samsani N V D Lakshmi Priyanka, Assistant Professor	Member	
17	Ms. Gubbala Lakshmi Durga, Assistant Professor	Member	
18	Mrs. Jalli Uma Maheswari, Assistant Professor	Member	
19	Ms. Gosangi Sukanya, Assistant Professor	Member	



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20	Ms. Kondamuri Lakshmi Priyanka, Assistant Professor	Member	P
21	Mr. Gidla Sudheer Babu, Assistant Professor	Member	Sudheer
22	Ms. Kanakala Siva Ranjani, Assistant Professor	Member	Kanakala
23	Ms. Seelam Naga Bharghavi, Assistant Professor	Member	Seelam
24	Ms. Kankipati Swathi, Assistant Professor	Member	Swathi
25	Ms. Dunaboyina Tulasi, Assistant Professor	Member	Dunaboyina
26	Ms. Sabbathi Leelaveni Veni, Assistant Professor	Member	Sabbathi
27	Mrs. Chikkam Surya Ramagouri, Assistant Professor	Member	Chikkam
28	Ms. Bokka Sai Sree, Assistant Professor	Member	Bokka
29	Mr. Yelisetti Narayana Murthy, Assistant Professor	Member	Yelisetti
30	Mr. Shanmuka Satya Sudheer Naidu M, Assistant Professor	Member	Shanmuka
31	Dr. Narasimha Sarma N.V.S, Professor, Dept of ECE, NIT Warangal.	External Expert	- ONLINE -
32	Dr. U.V.Ratna Kumari, Professor, Dept. of ECE , UCEK, JNTUK Kakinada.	JNTUK Nominee	- ONLINE -
33	Dr. K Manjunatha Chari, Professor, Dept. of EECE, GITAM Deemed to be University, Hyderabad	External Expert	- ONLINE -
34	Bokka Devi Vara Prasad, Staff DFT Engineer-I, Sykatiya Technologies Pvt Ltd, Bangalore	External Expert From Industry	Bokka
35	Dr. B.V.V. Satyanarayana, Associate Professor, Dept. of ECE, VIT, Bhimavaram.	PG Alumni	B.V.V.

Chair Person (BOS-ECE, BVCEC)