



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(Autonomous)

Chadalawada Nagar, Renigunta Road, Tirupati-517506

## MEETING OF THE JOINT BOARD OF STUDIES

**Date: 13-09-2017**

The 1<sup>st</sup> meeting of the Joint Board of Studies of Chadalawada Ramanamma Engineering College (Autonomous), Tirupati is held on 13 September, 2017 in the Conference Hall at 10 AM

Dr.S.Mallikarjunaiah, Chairman of Joint Board of Studies chaired the meeting and welcomed all the members to the first Joint BOS meeting and discussed the following agenda

### **Agenda:**

1. To Approve and ratify the Academic Regulations for four year B.Tech degree courses - Regulations - CREC-R17 ✓
2. To Approve and ratify the Academic Regulations for two year M.Tech degree courses - Regulations - CREC-R17 ✓
3. To Approve and ratify the Academic Regulations for two year MBA degree courses - Regulations - CREC-R17
4. To Approve and ratify the Academic Regulations for Three year MCA degree courses - Regulations - CREC-R17
5. To Approve and ratify the Course Structure and Syllabi for I and II Semester B.Tech Regulations – CREC-R17
6. To Approve and ratify the Course Structure and Syllabi for PG Courses ✓
7. Approval of Panel of Question Paper Setters. ✓
8. Approval of Panel of Examiners. ✓
9. Any other item



## Constitution of the Board of Studies in ECE Department of Chadawalada Ramanamma Engineering College, Tirupati

1	Dr.V.Thrimurthulu	Professor & Head	Chairman
2	Sri. S.Vamsee Krishna	Associate Professor	Member
3	Sri. K.Purna Chandra Rao	Associate Professor	Member
4	Ms G.DilliRani	Associate Professor	Member
5	Mrs.L.Mihira Priya	Associate Professor	Member
6	Prof. M.Rama Subba Reddy Professor Department of ECE IIT Madras Chennai.	Nominated by Academic Council	Member
5	Dr.K.Jayasankar Professor & Head Dept. of ECE Vasavi College of Engineering Ibrahimbagh , Hyderabad 500 031. Telangana	Nominated by Academic Council	Member
6	Prof. M.N.Giri Prasad Professor in ECE Department JNTU College of Engineering JNTUA Anantapuram – 515 002.	Nominated by Vice Chancellor JNTUA	Member
7	Dr.K. Raghunath Scientist - E National Atmospheric Research Laboratory Gadanki Chittoor Dist.	Representative from Industry	Member
8	Sr. T.Narendra Reddy Scientist - C Central Manufacturing Technology Institute Yeswanthpuri Bangalore.	Representative of Industrial Sector Alumni	Member



Chadawalada Nagar, Renigunta Road, Tirupati, 517 506 A.P.  
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# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

An ISO 9001:2015 Certified Institution, Accredited by NAAC with 'A' Grade,  
UGC Recognition 2(f) & 12(B), Permanently Affiliated to JNTUA, Anantapur  
Chadalawada Nagar, Renigunta Road, Tirupati – 517 506

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### 1<sup>st</sup> Board of Studies Meeting held on 13<sup>th</sup> September 2017

The 1<sup>st</sup> Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 13.09.2017 in the Board room at 10.00 A.M.

The following Members were present in the meeting:

S.No	Name of the Member	Role
1	<b>Dr. V. Thrimurthulu</b> Professor & Head, Department of ECE, CREC (A), Tirupati.	Bos Chairman
2	<b>Prof. M.N.Giri Prasad</b> Professor, Department of ECE JNTUA College of Engineering, JNTUA.	University Nominee
3	<b>Prof. M. Rama Subba Reddy</b> Professor, Department of ECE IIT Madras, Chennai.	Subject Expert-I
4	<b>Dr. K. Jayasankar</b> Professor & Head Department of ECE Vasavi College of Engineering, Hyderabad.	Subject Expert-II
5	<b>Dr. K. Raghunath</b> Scientist-E NARL, Gadanki, Chittoor (D).	Industry Expert
6	<b>Sri. T. Narendra Reddy</b> Scientist –C, Central Manufacturing Technology Institute, Bangalore.	Alumni
7	<b>Mr. S. Vamsee Krishna</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
8	<b>Mr. K. Purna Chandra Rao</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
9	<b>Ms. G. DilliRani</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
10	<b>Mrs. L. Mihira Priya</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

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Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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05-09-2017

### MEETING OF BOARD OF STUDIES

The 1<sup>st</sup> meeting of Board of Studies (BoS) of Department of ECE, ChadalaWada Ramanamma Engineering College (Autonomous), Tirupati will be held on 13<sup>th</sup> September, 2017 in the Board room.

### AGENDA

1. To approve and ratify the Academic Regulations for four year B.Tech degree Course of R17.
2. To approve and ratify the Academic Regulations for two year M.Tech degree Course of R17.
3. To approve and ratify the course structure and I Year syllabi for B.Tech regulations of R17.
4. To approve and ratify the course structure and I Year syllabi for M.Tech regulations of R17.
5. To Approve the Panel of Question paper Setters.
6. To Approve the Panel of Examiners.
7. Any other item with the permission of the Chair.

  
BOS Chairman

### Copy to:

1. Principal-CREC
2. IQAC-CREC
3. All the BoS members.
4. File



## Minutes of the Meeting

1. **Dr. S.Mallikarjunaiah, Principal**, introduced all the members in the Board, explained the importance of autonomy and BoS meeting to the members and handed over to **Dr. V.Thrimurthulu, Chairman – BOS (ECE)**.

2. **Report on Plan of Autonomy**

Chairman BOS presented a report on plan of autonomy to the members. The board has congratulated on the Plan of Autonomy going to be implemented.

3. **Vision, Mission, PEOs, POs and PSOs of the Program**

Resolved to approve the department Vision, Mission, PEOs, POs and PSOs of the U.G. & PG Program after thorough discussion.

4. **R17 – Academic Regulations and Course Structure of B.Tech. (ECE)**

Chairman, BOS (ECE) presented R17 Academic Regulations and Course Structure of B.Tech ECE to the members. It is resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

5. **R17 – Syllabi of I Year B.Tech. (ECE)**

Chairman, BOS (ECE) presented the Syllabus of I year B.Tech ECE to the members. It is resolved to approve the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

6. **R17 – Academic Regulations and Course Structure of M.Tech. (VLSI System Design)**

Chairman, BOS (ECE) presented R17 Academic Regulations and Course Structure of M.Tech (VLSI System Design) to the members. It is resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

7. **R17 –Syllabi of I Year M.Tech. (VLSI System Design)**

Chairman, BOS (ECE) presented the Syllabus of I year M.Tech (VLSI System Design) to the members. It is resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

8. **R17 –I Year B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for I Year B.Tech (ECE) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of I Year B.Tech (ECE) of R17 regulations.

**9. R17 –I Year M.Tech. (VLSI System Design) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for I Year M.Tech (VLSI System Design) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of I Year M.Tech (VLSI System Design) of R17 regulations.

**Discussions:**

**For B.Tech Programme:**

1. Board members, Prof. M.N.Giriprasad and Mr. T. Narendra Reddy, Alumini, suggested to introduce, "Electronic Devices" for the first year.
2. Board member, Prof. M. Rama Subba Reddy suggested about introduction of "Fundamentals of Electronics and Communication", as foundation course for the first year.
3. Prof. M. N. Giriprasad, suggested that mini project should be shifted from V Semester to VI Semester.
4. Board members, suggested to replace "Cellular and Mobile Communication" with any other latest paper under Professional Elective-III.
5. Members, suggested that minimum of 80% attendance should be maintained.
6. Prof. M. Rama Subba Reddy, suggested that the same credits should be provided for "Internship" in VII semester FSI and "Main Project Work" in VIII semester Non FSI.
7. Board member, Dr. K. Raghunath suggested that "Radar Systems" course should be added in VIII semester FSI.
8. Board members, suggested that it should be equalized the credits of "Comprehensive Examination" in VIII semester Non FSI and "Comprehensive Online Exam" in VIII semester FSI and keeping the same course name and code.

**For M.Tech Programme:**

1. Prof. M. N. Giriprasad, suggested that M.Tech "Digital IC Design" course should be shifted from Professional Elective-I as Compulsory course in I Semester.
2. Members suggested that Mixed Signal Lab related theory paper should be included in II Semester.





**CHADALAWADA RAMANAMMA ENGINEERING COLLEGE**  
(AUTONOMOUS)


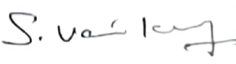




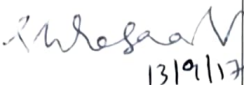

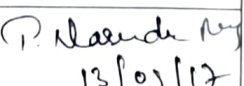
**ELECTRONICS AND COMMUNICATION ENGINEERING**


**FIRST BOARD OF STUDIES MEETING**

The following members are attended Board of Studies meeting of the Department of ECE, held on 13.09.2017 in the Board Room of CREC, Chalawada Nagar, Tirupati.

S.No	BoS	Member	Signature
1	Chairman, BoS - CREC	Dr. V.Thrimurthulu Professor , Head Department of ECE, CREC, Tirupati	
2	University Nominee	Prof. M.N. Giri Prasad Professor, Department of EC JNTU College of Engineering JNTUA.	 13/9/17
3	External Experts	Prof. M.Rama Subba Reddy Professor, Department of ECE IIT Madras, Chennai.	
		Dr.K.Jayasankar Professor, Head Department of ECE Vasavi College of Engineering,	
4	Industry Representative	Dr. K.Raghunath Scientist-F NARL, Gadanki, Chittoor dist.	
5	Alumni	Sri.T.Narendra Reddy Scientist -C, Central Manufacturing Technology Institute, Bangalore	 13/09/17
6	Faculty Members	Sri.S.Vamsee Krishna Assoc.Professor .CREC	
		Sri.K.Purna Chandra Rao Assoc.Professor .CREC	
		Ms.G.DilliRani Assoc.Professor .CREC	
		Mrs.L.Mihira Priya Assoc.Professor .CREC	

The following members were present for the 1<sup>st</sup> Board of Studies meeting  
of Electronics and Communication Engineering Department held on 13.09.2017

S.No.	Member Name	Academic/ Industry Position	Designation	Signature
1.	Dr.V.Thrimurthulu	Professor& HOD (MRE)	Chairman	
2.	Sri. S.Vamsee Krishna	Associate Professor (VLSI)	Member	
3.	Sri. K.Purna Chandra Rao	Associate Professor (Image Processing)	Member	
4.	Ms G.DilliRani	Associate Professor (VLSI)	Member	
5.	Mrs.L.Mihira Priya	Associate Professor (Communications Systems)	Member	
6.	Dr. M.Rama Subba Reddy	Professor, IIT Madras, Chennai	Member	
7.	Dr. K. Jayasankar	Professor, Vasavi college of Engineering, hyderabad	Member	
8.	Prof. M.N.Giri Prasad	Professor, JNTUA, Anantapur	Member	 13/09/17
9.	Dr.K. Raghunath	Scientist – F, NARL, Gadanki	Member	
10.	Sri. T.Narendra Reddy	Scientist – C, CMTI, Banglaore	Member	 13/09/17

  
**Dr. V.Thrimurthulu.**  
Chairman, Board of Studies





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

27-04-2018

### SECOND BOARD OF STUDIES MEETING

The following members are constituted as Board of Studies members of the Department of ECE, CREC (A), Chalawada Nagar, Tirupati.

S.No	Description	Name and Designation
1	Chairman, BoS - CREC	Dr. V.Thrimurthulu Professor, Head Department of ECE, CREC, Tirupati
2	University Nominee	Prof. M.N. Giri Prasad Professor, Department of ECE JNTUA College of Engineering, JNTUA.
3	External Experts	Prof. M. Rama Subba Reddy Professor, Department of ECE IIT Madras, Chennai.
		Dr.K.Jayasankar Professor, Head Department of ECE Vasavi College of Engineering,
4	Industry Representative	Dr. K.Raghunath Scientist-E NARL, Gadanki, Chittoor dist.
5	Alumni	Sri.T.Narendra Reddy Scientist -C, Central Manufacturing Technology Institute, Bangalore
6	Faculty Members	Mr. M.Jagadeesh Babu Asst. Professor, CREC
		Mr. K.Purna Chandra Rao Asst. Professor, CREC
		Ms. G.DilliRani Asst. Professor, CREC
		Mrs. L.Mihira Priya Asst. Professor, CREC

  
Dr. V. THRIMURTHULU

Chairman  
BOS in ECE



**CHADALAWADA RAMANAMMA ENGINEERING COLLEGE**  
(AUTONOMOUS)


2<sup>nd</sup> BoS meeting of ELECTRONICS AND COMMUNICATION ENGINEERING-(ECE)

Date: 5.5.2018

**AGENDA**

1. To present resolutions of 1<sup>st</sup> BoS meeting.
2. To resolve and approve the course structure for II Year UG and PG, B.Tech, M.Tech Programmes w.e.f. A .Y.2018-19
3. To resolve and approve the syllabus of II Year UG and PG, B.Tech, M.Tech Programmes w.e.f. A .Y.2018-19
4. To resolve and approve the syllabus for the subjects offered to various branches w.e.f. A .Y.2018-19
5. To resolve and approve panel of Examiners.
6. Any other matter for discussion with the permission of chair.

  
HEAD  
Dept. of Electronics & Communication Engg.  
Chadalawada Ramanamma Engg. College  
Tirupati-517506, A.P. (India)

  
PRINCIPAL  
CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
(AUTONOMOUS)  
TIRUPATI





CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
(AUTONOMOUS)  
ELECTRONICS AND COMMUNICATION ENGINEERING

2<sup>nd</sup> BoS Meeting -Discussions

Name of Member	Suggestions
HOD - chairman	Presented resolution of 1st BOS meeting. Discussed about course codes.
Prof. M. Rama Subba Reddy	In place of mandatory courses, keep subject names directly. (ES/HV & PE) keep check total credits for HS, BS, PC etc.
Prof. M. Rama Subba Reddy	M-III → check for its Residues or Residue L) check contact classes and Tutorial classes hour L: 2 T: 2 L) 45 L) 15 It is not justified.
Prof. M. Rama Subba Reddy	Signals and System, no. of classes is not visible in the printout.
Prof. M. Rama Subba Reddy	Electrical Technology alignment must be modified.
Prof. M. Rama Subba Reddy	EDC Lab → Modify Exp1 & Exp2 name (mention devices & instruments). Include Relays concept in EMI <sup>or some other related section</sup>
Dr. K. Raghunadh	Include spectrum Analyser in EDC Lab Exp 2

P. placed by Dr. K. Raghunadh 21/11/20

9/11/20





CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
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ELECTRONICS AND COMMUNICATION ENGINEERING

2<sup>nd</sup> BoS Meeting -Discussions

Name of Member	Suggestions
Sri T. Narendra Reddy	Asked about usage of "how you are creating awareness regarding Electronic instruments"
Sri T. Narendra Reddy	Simulation Laboratory Week-1: Generation spelling mistake. Include basics on matrices like operations on matrices; include <sup>some</sup> crazy <del>th</del>
Dr. k. Raghunadh	ECA → change all units classes; 12 Asked about design of circuits [Already it is included in ECA Labs]
Dr. k. Raghunadh	Please maintain consolidated subjects list of all semesters and mention in which semester they are studying with <del>different</del> colors
Prof. M. Rama Subba Reddy	Change no. of classes in UCA. Follow one method (Total classes: 60 Contact classes: 45 <sup>Tutorial</sup> classes: 15)
Prof. M. Rama Subba Reddy	Please mention Hardware & software experiments in ECA Labs.
Sri T. Narendra Reddy	In ECA Lab <del>class</del> Exp 1, Exp 2 are same Exp 3 & Exp 4 are same As per the external BoS members, on the spot the experiments were changed

T. Narendra Reddy

Rama Subba Reddy

Rama

Uday





CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
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ELECTRONICS AND COMMUNICATION ENGINEERING

2<sup>nd</sup> BoS Meeting -Discussions

M.Tech

Name of Member	Suggestions
Prof. M. Rama Subba Reddy & Sri T. Narendra Reddy	For MOOC courses exam should be conducted.
Prof. M. Rama Subba Reddy,	Full time intrenship with project in M.Tech 2nd year.
Prof. M. Rama Subba Reddy	Research Methodology classes should be conducted in semester break.

P. Alavandhi Reddy

M. Rama Subba Reddy

Dr. M. V. Reddy





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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## 2<sup>nd</sup> Board of Studies Meeting held on 05<sup>th</sup> May 2018

The 2<sup>nd</sup> Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 05.05.2018 in the Board room at 10.00 A.M.

The following Members were present in the meeting:

S.No	Name of the Member	Role
1	<b>Dr. V. Thrimurthulu</b> Professor & Head, Department of ECE, CREC (A), Tirupati.	Bos Chairman
2	<b>Prof. M.N.Giri Prasad</b> Professor, Department of ECE JNTUA College of Engineering, JNTUA.	University Nominee
3	<b>Prof. M. Rama Subba Reddy</b> Professor, Department of ECE IIT Madras, Chennai.	Subject Expert-I
4	<b>Dr. K. Jayasankar</b> Professor & Head Department of ECE Vasavi College of Engineering, Hyderabad.	Subject Expert-II
5	<b>Dr. K. Raghunath</b> Scientist-E NARL, Gadanki, Chittoor (D).	Industry Expert
6	<b>Sri. T. Narendra Reddy</b> Scientist –C, Central Manufacturing Technology Institute, Bangalore.	Alumni
7	<b>Mr. M. Jagadeesh Babu</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
8	<b>Mr. K. Purna Chandra Rao</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
9	<b>Ms. G. DilliRani</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
10	<b>Mrs. L. Mihira Priya</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator



## Minutes of the Meeting

1. **Dr. S.Mallikarjunaiah, Principal**, introduced all the members in the Board, explained the importance of autonomy and BoS meeting to the members and handed over to **Dr. V.Thrimurthulu, Chairman – BOS (ECE)**.
2. **Action taken report on minutes / resolutions of BOS Meeting held on 13-09-2017**  
Resolved to ratify Action Taken Report on minutes / resolutions of the BOS meeting held on 13-09-2017 submitted by the Chairman BOS (ECE).
3. **R17 – Syllabi of II Year B.Tech. (ECE)**  
Chairman, BOS (ECE) presented the Syllabus of II year B.Tech ECE to the members. It is resolved to approve the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.
4. **R17 –Syllabi of II Year M.Tech. (VLSI System Design)**  
Chairman, BOS (ECE) presented the Syllabus of II year M.Tech (VLSI System Design) to the members. It is resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.
5. **R17 –II Year B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**  
Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for II Year B.Tech (ECE) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of II Year B.Tech (ECE) of R17 regulations.
6. **R17 –II Year M.Tech. (VLSI System Design) Panel of Question Paper Setters and Examiners.**  
Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for II Year M.Tech (VLSI System Design) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of II Year M.Tech (VLSI System Design) of R17 regulations.

### **Discussions:**

HOD and Chairman, Department of ECE has started 2<sup>nd</sup> BOS meeting with the introduction and resolutions of 1st BOS meeting.

### **For B.Tech Programme:**

Dr. K. Raghunath & Prof. M. Rama Subba Reddy

- Members suggested that a consolidated structure with subject, category wise should be prepared for total number of credits for all semesters.
- Members also suggested that a consolidated structure for all eight semesters should be prepared to give a clear picture for students while seeking admission.



Prof. M. Rama Subba Reddy

- Member suggested that text should be aligned in a proper order for better visibility and clarity.
- The expert also modified the list of experiments in EDC Lab.

Dr. K. Raghunath & Sri. T. Narendra Reddy

- Suggested that Spectrum Analyzer Experiment should be included in EDC practical list.
- Both the Members suggested that the experiments both in Hardware and using any Simulation Software should be performed and also to include a statement in the ECA practical syllabus.

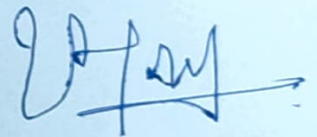
Prof. M. Rama Subba Reddy

- Member sought clarity regarding number of lectures (L), Tutorial (T) Mathematics-III.
- Member suggested that the text of Electrical Technology should be aligned in a proper order for better visibility and clarity.

**For M.Tech Programme:**

Prof. M. Rama Subba Reddy & Sri. T. Narendra Reddy

- Honourable member suggested that contact classes for MOOC courses should be conducted in the campus to help students for effective learning of subject.
- Member suggested that student to undergo fulltime internship along with project should be allowed.
- The member felt and expressed to conduct Research Methodology classes during semester break.







# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to JNT University, Anantapur, A.P., Accredited by NAAC with "A" grade)

The following members were present for the 2<sup>nd</sup> Board of Studies meeting of the Department of ECE, held on 5.5.2018 at 10:00AM in the college premises

S.No	Board Members			Signature
1	Dr. V. Thirumurthulu	Professor & Head	BoS, Chairman, CREC	
2	Sri.Jagadeesh Babu	Associate Professor	Member	M. Jagadeesh Babu 5/5/18
3	Sri.K.Poornachandra Rao	Associate Professor	Member	 5/5/18
4	Ms.G.Dilli Rani	Associate Professor	Member	G. Dilli Rani 05/5/18
5	Prof M.Rama Subba Reddy Professor Dept Of ECE, IIT Madras Chennai	Academic council - Nominee	Member	 5/5/18
6	Dr.K.Jayasankar Professor & Head Dept Of ECE, Vasavi college of Engg. Hyderabad	Academic council - Nominee	Member	
7	Prof M.N Giri Prasad Professor in ECE Dept JNTU College of Engg. JNTUA, Anantapur- 515002	Nominee by Vice- Chancellor JNTUA	Member	
8	Dr.K.Raghunadh Scientist-F NARL,Gadanki	Industry Representative	Member	 5/5/18
9	Sri.T.Naraendra Reddy Scientist-C Central Manufacturing Technology, Yeshwanthpur Bangalore	Alumni Representative & from Industrial Sector	Member	

Chadalawada Nagar, Renigunta Road, Tirupati - 517 506. A.P

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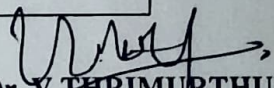
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

14-06-2019

### THIRD BOARD OF STUDIES MEETING

The following members are constituted as Board of Studies members of the Department of ECE, CREC (A), Chalawada Nagar, Tirupati.

S.No	Description	Name and Designation
1	Chairman, BoS - CREC	Dr. V.Thrimurthulu Professor , Head Department of ECE, CREC, Tirupati
2	University Nominee	Prof. M.N. Giri Prasad Professor, Department of ECE JNTUA College of Engineering, JNTUA.
3	External Experts	Prof. M. Rama Subba Reddy Professor, Department of ECE IIT Madras, Chennai.
		Dr.K.Jayasankar Professor, Head Department of ECE Vasavi College of Engineering,
4	Industry Representative	Dr. K.Raghunath Scientist-E NARL, Gadanki, Chittoor dist.
5	Alumni	Sri.T.Narendra Reddy Scientist -C, Central Manufacturing Technology Institute, Bangalore
6	Faculty Members	Dr. P. Krishna Murthy Assoc. Professor, CREC
		Mr. Syed Ali Asgar Asst. Professor, CREC
		Ms. G.DilliRani Asst. Professor, CREC
		Mrs. L.Mihira Priya Asst. Professor, CREC
		Mrs. M. Hemalatha Asst. Professor, CREC

  
Dr. V. THRIMURTHULU

Chairman  
BOS in ECE



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)



Approved by AICTE, Accredited by NAAC with 'A' Grade, Permanently Affiliated to JNTUA, Anantapuramu  
Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

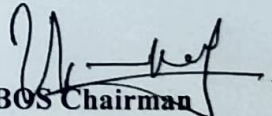
18-06-2019

### MEETING OF BOARD OF STUDIES

The 3<sup>rd</sup> meeting of Board of Studies (BoS) of Department of ECE, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati will be held on 22<sup>nd</sup> June, 2019 in the Board room.

### AGENDA

1. To approve and ratify III and IV Year syllabi for B.Tech regulations of R17.
2. To approve and ratify the Academic Regulations for four year B.Tech degree Course of R19.
3. To approve and ratify the course structure and I Year syllabi for B.Tech regulations of R19.
4. To Approve the Panel of Question paper Setters.
5. To Approve the Panel of Examiners.
6. Any other item with the permission of the Chair.

  
BOS Chairman

### Copy to:

1. Principal-CREC
2. IQAC-CREC
3. All the BoS members.
4. File

HEAD  
Department of  
Electronics & Communication Engineering  
Chadalawada Ramanamma Engineering College  
(AUTONOMOUS)  
Tirupati - 517 506, A.P.



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE  
(AUTONOMOUS)  
ELECTRONICS AND COMMUNICATION ENGINEERING

3<sup>rd</sup> BoS Meeting -Discussions

Name of Member	Suggestions
Dr. V. Thirumurthulu	1) Presented Previous Bos Meeting Minutes 2) Presented Agenda for the 3 <sup>rd</sup> Bos meeting
Dr. V. Thirumurthulu	1) Presented
Prof. Subba Reddy & Sri. Narasudra Reddy	1) Searched clarification regarding Internship & project for FSI and Non FSI
Dr. K. Raghurajiah	1) Searched clarity betn R17 & R19
T. Narendra Reddy	Tech Seminar 17CA04715 Suggested to consider student participation at conference, Symposium presentation while allotting credits
Prof. Subba Reddy	1) Corrected semo structure 2) RCA02101, 2101 → T/P - change to ES 3) 19CA03205 - pc - corrected - ES 4) 4201 - ES, 3206 - corrected - ES
Dr. K. Jaya shankar Dr. K. Raghurajiah	1) PE - I, 4 - EMI & compatibility suggested - identified 2) - Software defined Radio (Alternatives suggested)

B

22/11/19

22/06/19

22/06/19





# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(AUTONOMOUS)

## ELECTRONICS AND COMMUNICATION ENGINEERING

### 3<sup>rd</sup> BoS Meeting -Discussions

Name of Member	Suggestions
Sri T. Narayandra Reddy	1) Raised abt possibility of introducing IOT in 1 <sup>st</sup> yr. 2) 19CA04408 - Sought clarity reg. Evaluation. Guidelines - to be included in Regulation
Prof. Girji Prasad	1) Suggested to introduce Python. 2) Title of chapter, seq. to be maintained
Prof. Subba Reddy	1) Suggested for <sup>drafted</sup> syllabus much earlier even before the BOS meeting commenced. 2) 19CA54301 - EMI - Sought clarity
Dr. K. Raghunadh	1) Sought clarity abt. Communication papers 2) Sem 7 <sup>th</sup> -
Prof. Subba Reddy	Suggested to combined Professional Eligible list (to prepare for the benefit of students)
Prof. Subba Reddy	1) Point abt. Text books - 2 or 3 2) Year publication.
Dr. K. Raghunadh	Sought clarity abt. Probability Theory Paper.

Based on the discussions the syllabus to be modified and sent to all BOS members for e-mail approval.

*Subba Reddy*  
22/06/19

*Raghunadh*  
22/06/19

*Ramesh*  
22/06/19



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

An ISO 9001:2015 Certified Institution, Accredited by NAAC with 'A' Grade,  
UGC Recognition 2(f) & 12(B), Permanently Affiliated to JNTUA, Anantapur  
Chadalawada Nagar, Renigunta Road, Tirupati – 517 506

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### 3<sup>rd</sup> Board of Studies Meeting held on 22<sup>th</sup> June 2019

The 3<sup>rd</sup> Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 22.06.2019 in the Board room at 10.00 A.M.

The following Members were present in the meeting:

S.No	Name of the Member	Role
1	<b>Dr. V. Thrimurthulu</b> Professor & Head, Department of ECE, CREC (A), Tirupati.	Bos Chairman
2	<b>Prof. M.N.Giri Prasad</b> Professor, Department of ECE JNTUA College of Engineering, JNTUA.	University Nominee
3	<b>Prof. M. Rama Subba Reddy</b> Professor, Department of ECE IIT Madras, Chennai.	Subject Expert-I
4	<b>Dr. K. Jayasankar</b> Professor & Head Department of ECE Vasavi College of Engineering, Hyderabad.	Subject Expert-II
5	<b>Dr. K. Raghunath</b> Scientist-E NARL, Gadanki, Chittoor (D).	Industry Expert
6	<b>Sri. T. Narendra Reddy</b> Scientist –C, Central Manufacturing Technology Institute, Bangalore.	Alumni
7	<b>Dr. P. Krishna Murthy</b> Associate Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
8	<b>Mr. Syed Ali Asgar</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
9	<b>Ms. G. DilliRani</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
10	<b>Mrs. L. Mihira Priya</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator
11	<b>Mrs. M. Hemalatha</b> Assistant Professor, Department of ECE, CREC (A), Tirupati.	Module Co-ordinator



## Minutes of the Meeting

1. **Dr. S.Mallikarjunaiah, Principal**, introduced all the members in the Board, explained the importance of autonomy and BoS meeting to the members and handed over to **Dr. V.Thrimurthulu, Chairman – BOS (ECE)**.

2. **Action taken report on minutes / resolutions of BOS Meeting held on 05-05-2018**

Resolved to ratify Action Taken Report on minutes / resolutions of the BOS meeting held on 05-05-2018 submitted by the Chairman BOS (ECE).

3. **R17 – Syllabi of III & IV Year B.Tech. (ECE)**

Chairman, BOS (ECE) presented the Syllabus of III and IV year B.Tech ECE to the members. It is resolved to approve the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

4. **R19 – Academic Regulations and Course Structure of B.Tech. (ECE)**

Chairman, BOS (ECE) presented R19 Academic Regulations and Course Structure of B.Tech ECE to the members. It is resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

5. **R19 – Syllabi of I Year B.Tech. (ECE)**

Chairman, BOS (ECE) presented the Syllabus of R19 - I Year B.Tech ECE to the members. It is resolved to approve the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

6. **R17 – III and IV Year B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for R17 - III and IV Year B.Tech (ECE) Subjects and Laboratories to the members. It is resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of III and IV Year B.Tech (ECE) of R19 regulations.

7. **R19 – I Year B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for R19 - I Year B.Tech (ECE) Subjects and Laboratories to the members. It is resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of I Year B.Tech (ECE) of R19 regulations.

### **Discussions:**

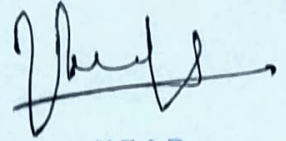
HOD and Chairman, Department of ECE has started 3<sup>rd</sup> BOS meeting with the introduction and resolutions of 2<sup>nd</sup> BOS meeting.



**For B.Tech Programme:**

Prof. M. Rama Subba Reddy & Dr. K. Jayasankar

- Members suggested that a consolidated structure for R19 with subject, category wise total number of credits for all semesters should be prepared.
- Members also suggested that a consolidated structure for all eight semesters of R19 regulations should be prepared to give a clear picture for students while seeking admission.
- The expert also modified the list of experiments in DSP Lab of III year R17 ECE Syllabus.
- Member sought clarity regarding number of credits.
- Member suggested that the text of Digital Communications should be aligned in a proper order for better visibility and clarity.



HEAD  
Department of  
Electronics & Communication Engineering  
Chadalawada Ramanamata Engg. College  
(AUTONOMOUS)  
Tirupati - 517 506, A.P. India



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE, New Delhi & Accredited by NAAC with "A" Grade  
An ISO 9001 - 2015 Certified Institution


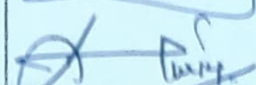
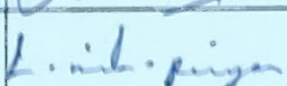
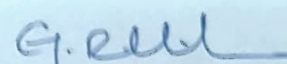
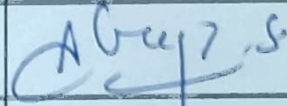
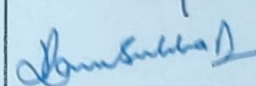

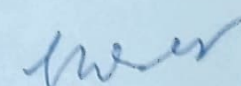


22.06.2019

The following members were present for the 3<sup>rd</sup> Board of Studies meeting of the Department of ECE, held on 22.06.2019 at 10:00AM in the college premises.

S.No	Board Members			Signature
1	<b>Dr. V. Thrimurthulu</b>	Professor & Head	BoS, Chairman, CREC	
2	<b>Dr.P.Krishna Murthy</b>	Associate Professor	Member	
3	<b>Mrs.L.Mihira Priya</b>	Associate Professor	Member	
4	<b>Ms.G.Dilli Rani</b>	Associate Professor	Member	
5	<b>Mr.S.Ali Asgar</b>	Associate Professor	Member	
6	<b>Prof M.Rama Subba Reddy</b> Professor Dept of ECE, IIT Madras Chennai	Academic council - Nominee	Member	 22/06/19
7	<b>Dr.K.Jayasankar</b> Professor & Principal Mahatma Gandhi Institute of Technology, Hyderabad	Academic council - Nominee	Member	
8	<b>Prof M.N Giri Prasad</b> Professor in ECE Dept JNTU College of Engg. JNTUA, Anantapur-515002	Nominee by Vice- Chancellor JNTUA	Member	 22/06/19
9	<b>Dr.K.Raghunadh</b> Scientist-E NARL, Gadanki	Industry Representative	Member	
10	<b>Sri.T.Naraendra Reddy</b> Scientist-C Central Manufacturing Technology, Yeshwanthpur Bangalore	Alumni Representative & from Industrial Sector	Member	



The following members were present for the 3<sup>rd</sup> Board of Studies meeting of the Department of ECE, held on 22.06.2019 at 10:00AM in the college premises

S.No	Board Members			Signature
1	Dr. V. Thrimurthulu	Professor & Head	BoS, Chairman, CREC	
2	Dr.P.Krishna Murthy	Associate Professor	Member	
3	Mrs.L.Mihira Priya	Associate Professor	Member	
4	Ms.G.Dilli Rani	Associate Professor	Member	
5	Mr.Syed Aliasgar	Associate Professor	Member	
6	Prof M.Rama Subba Reddy Professor Dept Of ECE, IIT Madras Chennai	Academic council - Nominee	Member	
7	Dr.K.Jayasankar Professor & Principal Mahatma Gandhi Institute of Technology. Hyderabad	Academic council - Nominee	Member	
8	Prof M.N Giri Prasad Professor in ECE Dept JNTU College of Engg. JNTUA, Anantapur- 515002	Nominee by Vice- Chancellor JNTUA	Member	
9	Dr.K.Raghunadh Scientist-F NARL, Gadanki	Industry Representative	Member	
10	Sri.T.Naraendra Reddy Scientist-C Central Manufacturing Technology, Yeshwanthpur Bangalore	Alumni Representative & from Industrial Sector	Member	



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

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Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

29-12-2020

### FOURTH BOARD OF STUDIES MEETING

The following members are constituted as Board of Studies members of the Department of ECE, CREC (A), Chalawada Nagar, Tirupati.

S.No	BOS	BOS Composition & Member Designation	Position in BOS (UG)
1.	Dr. P.Krishna Murthy	Head, Department of ECE, CREC, Tirupati	Chairman
2.	Dr. M. Ramasubba Reddy	<i>JNTUA University Expert:</i> Professor, Department of ECE, IIT Madras, Tamilnadu	Member
3.	Dr. M. N. Giriprasad	<i>Academic Council Nominee:</i> <i>Subject Expert-1</i> Professor, Department of ECE, JNTUA College of Engineering, Ananthapuramu.	Member
4.	Dr. S. Narayana Reddy	<i>Academic Council Nominee:</i> <i>Subject Expert-2</i> Professor, Department of ECE, SVU College of Engineering, S. V. University, Tirupati	Member
5.	Dr. T. Rajendra Prasad	<i>Academic Council Nominee</i> <i>(Industry/Corporate):</i> Scientist-E, NARL, Gadanki, Chittoor Dist.	Member
6.	Mr. K. Sampath Kumar	<i>Academic Council Nominee (UG-Alumnus):</i> Program Analyst Cognizant Chennai.	Member
7.	Dr. K. Soundararajan	Professor, Dept. of ECE, CREC, Tirupati.	Member
8.	Dr. A. Pulla Reddy	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
9.	Dr. P. Srinivasa Rao	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
10.	Mr. Syed Ali Asgar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
11.	Mr. M. Adisheshaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
12.	Ms. G. Komala Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
13.	Mr. R. Senthamil Selvan	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
14.	Mrs. M. Hema Latha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
15.	Mrs. B. Lalitha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
16.	Mr. J. Vishnuvardhan Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
17.	Mr. V. Mahesh	Assistant Professor, Dept. of ECE, CREC,	Member



		Tirupati.	
18.	Mr. B. Chandrababu Naik	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
19.	Mrs. J. Sunitha Bai	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
20.	Mrs. M. Chandini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
21.	Mr. T. Krishnaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
22.	Mrs. A. Mounika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
23.	Mrs. G. Harika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
24.	Mrs. Mythili P G S	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
25.	Mrs. M. Yamini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
26.	Ms. M. S. Leepthika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
27.	Mrs. D. Neelima	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
28.	Mrs. P. Ramya	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
29.	Mr. G. Srikar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
30.	Mr. V. Manikanta	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member

**Dr. P. KRISHNA MURTHY**

Chairman  
 Department of  
**BOS in ECE**  
 Electronics & Communication Engineering  
 Chadalawada Ramanamma Engg. College  
 (AUTONOMOUS)  
 Tirupati - 517 600 A.P. India.



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

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Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

02-01-2021

### MEETING OF BOARD OF STUDIES

The 4<sup>th</sup> meeting of Board of Studies (BoS) of Department of ECE, ChadalaWada Ramanamma Engineering College (Autonomous), Tirupati will be held on 08<sup>th</sup> January, 2021 in the Board room through online mode.

### AGENDA

1. To recommend and approve the R19 Syllabi for B.Tech III and IV Semesters for the Academic year 2020-21.
2. To approve and ratify the Academic Regulations for four year B.Tech degree Course of R20.
3. To recommend and approve the R20 Course Structure and Syllabi for B.Tech I and II Semesters for the Academic year 2020-21.
4. Approval of Panel of Question paper Setters.
5. Approval of Panel of Examiners.
6. Any other item with the permission of the Chair.

### Copy to:

1. Principal-CREC
2. IQAC-CREC
3. All the BoS members.
4. File

  
**BOS Chairman**  
Department of  
Electronics & Communication Engineering  
Chadalawada Ramanamma Engg. College  
(AUTONOMOUS)  
Tirupati - 517 500, A.P. India.



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)



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Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### 4<sup>th</sup> Board of Studies Meeting held on 08<sup>th</sup> January 2021

The 4<sup>th</sup> Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 08.01.2021 in the Board room at 10.00 A.M through online mode.

The following Members were present in the meeting:

S.No	BOS	BOS Composition & Member Designation	Position in BOS (UG)
1.	Dr. P.Krishna Murthy	Head, Department of ECE, CREC, Tirupati	Chairman
2.	Dr. M. Ramasubba Reddy	<i>JNTUA University Expert:</i> Professor, Department of ECE, IIT Madras, Tamilnadu.	Member
3.	Dr. M. N. Giriprasad	<i>Academic Council Nominee:</i> <i>Subject Expert-1</i> Professor, Department of ECE, JNTUA College of Engineering, Ananthapuramu.	Member
4.	Dr. S. Narayana Reddy	<i>Academic Council Nominee:</i> <i>Subject Expert-2</i> Professor, Department of ECE, SVU College of Engineering, S. V. University, Tirupati.	Member
5.	Dr. T. Rajendra Prasad	<i>Academic Council Nominee</i> <i>(Industry/Corporate):</i> Scientist-E, NARL, Gadanki, Chittoor Dist.	Member
6.	Mr. K. Sampath Kumar	<i>Academic Council Nominee (UG-Alumnus):</i> Program Analyst Cognizant Chennai.	Member
7.	Dr. A. Pulla Reddy	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
8.	Dr. P. Srinivasa Rao	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
9.	Mr. Syed Ali Asgar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
10.	Mr. M. Adisheshaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
11.	Ms. G. Komala Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
12.	Mr. R. Senthamil Selvan	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
13.	Mrs. M. Hema Latha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
14.	Mrs. B. Lalitha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
15.	Mr. J. Vishnuvardhan Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
16.	Mr. V. Mahesh	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member

17.	Mr. B. Chandrababu Naik	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
18.	Mrs. J. Sunitha Bai	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
19.	Mrs. M. Chandini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
20.	Mr. T. Krishnaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
21.	Mrs. A. Mounika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
22.	Mrs. G. Harika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
23.	Mrs. Mythili P G S	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
24.	Mrs. M. Yamini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
25.	Ms. M. S. Leepthika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
26.	Mrs. D. Neelima	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
27.	Mrs. P. Ramya	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
28.	Mr. G. Srikar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
29.	Mr. V. Manikanta	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member

### **Minutes of the Meeting**

**1. Action taken report on minutes / resolutions of BOS Meeting held on 22-06-2019**

Resolved to ratify Action Taken Report on minutes / resolutions of the BOS meeting held on 22-06-2019 submitted by the Chairman BOS (ECE).

**2. R19 – Syllabi of B.Tech III and IV Semesters (ECE)**

Chairman, BOS (ECE) presented the R19 syllabus of B.Tech III and IV Semesters of ECE Department. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**3. R20 – Academic Regulations and Course Structure of B.Tech. (ECE)**

Chairman, BOS (ECE) presented R20 Academic Regulations and Course Structure of B.Tech ECE to the members. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**4. R20 – Syllabi of I Year B.Tech. (ECE)**

Chairman, BOS (ECE) presented the Syllabus of I year B.Tech ECE to the members. It was resolved to approve the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.



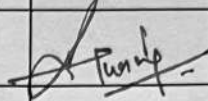
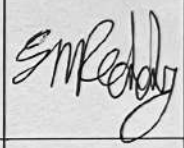
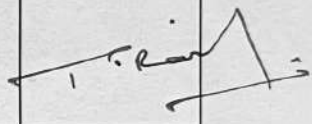
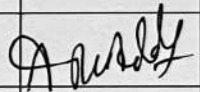
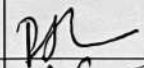


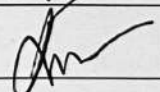
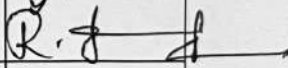
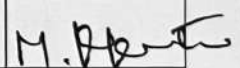
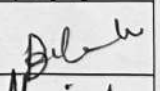
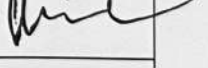
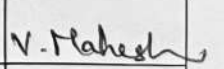
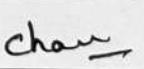
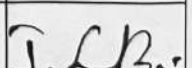
**5. R19 –III and IV Semesters of B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for III and IV Semesters of B.Tech (ECE) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of III and IV Semesters of B.Tech (ECE) of R19 regulations.

**6. R20 –I and II Semesters of B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for I and II Semesters of B.Tech (ECE) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of I and II Semesters of B.Tech (ECE) of R20 regulations.

Meeting concluded with thanks to the Chair.

S.No.	Name of the Member	Designation	Position in BOS (UG)	Signature
1.	Dr. P.Krishna Murthy	Head, Department of ECE, CREC(A), Tirupati	Chairman	
2.	Dr. M. Ramasubba Reddy	JNTUA University Expert: Professor, Department of ECE, IIT Madras, Tamilnadu	Member	(online)
3.	Dr. M. N. Giriprasad	Academic Council Nominee: Subject Expert-1 Professor, Department of ECE, JNTUA College of Engineering, Ananthapuramu.	Member	(online)
4.	Dr. S. Narayana Reddy	Academic Council Nominee: Subject Expert-2 Professor, Department of ECE, SVU College of Engineering, S. V. University, Tirupati	Member	
5.	Dr. T. Rajendra Prasad	Academic Council Nominee (Industry/Corporate): Scientist-E, NARL, Gadanki, Chittoor Dist.	Member	
6.	Mr. K. Sampath Kumar	Academic Council Nominee (UG- Alumnus): Program Analyst Cognizant, Chennai.	Member	(online)
7.	Dr. A. Pulla Reddy	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member	
8.	Dr. P. Srinivasa Rao	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member	
9.	Mr. Syed Ali Asgar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
10.	Mr. M. Adisheshaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
11.	Ms. G. Komala Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
12.	Mr. R. Senthamil Selvan	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
13.	Mrs. M. Hema Latha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
14.	Mrs. B. Lalitha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
15.	Mr. J. Vishnuvardhan Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
16.	Mr. V. Mahesh	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
17.	Mr. B. Chandrababu Naik	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
18.	Mrs. J. Sunitha Bai	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	

Dr. P. KRISHNA MURTHY  
Chairman  
BOS in ECE



19.	Dr. K. Soundararajan	Professor, Dept. of ECE, CREC, Tirupati.	Member	
20.	Mrs. M. Chandini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
21.	Mr. T. Krishnaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
22.	Mrs. A. Mounika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
23.	Mrs. G. Harika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
24.	Mrs. Mythili P G S	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
25.	Mrs. M. Yamini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
26.	Ms. M. S. Leepthika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
27.	Mrs. D. Neelima	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
28.	Mrs. P. Ramya	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
29.	Mr. G. Srikar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	
30.	Mr. V. Manikanta	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member	

  
**Dr. P. KRISHNA MURTHY**  
Chairman

**BOS in ECE**  
Department of

Electronics & Communication Engineering  
Chadalawada Ramanamma Engg. College  
(AUTONOMOUS)

Tirupati - 517 508, A.P. India.



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, Accredited by NAAC with 'A' Grade, Permanently Affiliated to JNTUA, Anantapuramu  
Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

21-09-2021

### FIFTH BOARD OF STUDIES MEETING

The following members are constituted as Board of Studies members of the Department of ECE, CREC (A), Chalawada Nagar, Tirupati.

S.No	BOS	BOS Composition & Member Designation	Position in BOS (UG)
1.	Dr. P.Krishna Murthy	Head, Department of ECE, CREC, Tirupati	Chairman
2.	Dr. M. Ramasubba Reddy	<i>JNTUA University Expert:</i> Professor, Department of ECE, IIT Madras, Tamilnadu	Member
3.	Dr. M. N. Giriprasad	<i>Academic Council Nominee:</i> <i>Subject Expert-1</i> Professor, Department of ECE, JNTUA College of Engineering, Ananthapuramu.	Member
4.	Dr. S. Narayana Reddy	<i>Academic Council Nominee:</i> <i>Subject Expert-2</i> Professor, Department of ECE, SVU College of Engineering, S. V. University, Tirupati	Member
5.	Dr. T. Rajendra Prasad	<i>Academic Council Nominee</i> <i>(Industry/Corporate):</i> Scientist-E, NARL, Gadanki, Chittoor Dist.	Member
6.	Mr. K. Sampath Kumar	<i>Academic Council Nominee (UG-Alumnus):</i> Program Analyst Cognizant Chennai.	Member
7.	Dr. K. Soundararajan	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
8.	Dr. K. C. Kullayappa	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
9.	Dr. P. Srinivasa Rao	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
10.	Dr. A. Pulla Reddy	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
11.	Dr. R.Senthamil Selvan	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
12.	Dr. B. Chandrababu Naik	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
13.	Dr. B. Lalitha	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
14.	Dr. M. Hema Latha	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
15.	Dr. G. Komala Yadav	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
16.	Mr. S. Ali Asgar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member



17.	Dr. J. Narendra Babu	Professor, Dept. of ECE, CREC, Tirupati.	Member
18.	Mr. M. Adisheshaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
19.	Mr. V. Mahesh	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
20.	Mr. J. Vishnuvardhan Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
21.	Mrs. A. Mounika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
22.	Mrs. T. Vedavathi	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
23.	Mrs. M. Chandini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
24.	Mrs. Mythili P G S	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
25.	Mr. T. Krishnaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
26.	Mrs. M. Yamini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
27.	Ms. M. S. Leepthika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
28.	Mrs. P. Ramya	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
29.	Mrs. G. Harika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
30.	Mrs. D. Neelima	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
31.	Mrs. J. Sunitha Bai	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
32.	Mrs. P. Vijaya Mounica	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
33.	Mr. G. Srikar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
34.	Mr. V. Manikanta	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member

  
Dr. P. KRISHNA MURTHY

Chairman

**BOS in ECE**

Department of

Electronics & Communication Engineering

Chadalawada Ramanarao Engg. College

(AUTONOMOUS)

Tirupati - 517 506, A.P. India.

# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)



Approved by AICTE, Accredited by NAAC with 'A' Grade, Permanently Affiliated to JNTUA, Anantapuramu  
Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

22-09-2021

### MEETING OF BOARD OF STUDIES

The 5<sup>th</sup> meeting of Board of Studies (BoS) of Department of ECE, Chadala Wada Ramanamma Engineering College (Autonomous), Tirupati will be held on 30<sup>th</sup> September, 2021 in the Board room through online mode.

### AGENDA

1. To recommend and approve the R19 Syllabi for B.Tech V and VI Semesters for the Academic year 2021-22.
2. To recommend and approve the R20 Syllabi for B.Tech III and IV Semesters for the Academic year 2021-22.
3. To approve and ratify the Academic Regulations for two year M.Tech degree Course of R21.
4. To recommend and approve the R21 Course Structure and Syllabi for M.Tech I and II years for the Academic year 2021-22.
5. Approval of Panel of Question paper Setters.
6. Approval of Panel of Examiners.
7. Any other item with the permission of the Chair.

### Copy to:

1. Principal-CREC
2. IQAC-CREC
3. All the BoS members.
4. File

  
BOS Chairman  
HEAD  
Department of  
Electronics & Communication Engineering  
Chadalawada Ramanamma Engg. College  
(AUTONOMOUS)  
Tirupati - 517 506, A.P, India.





# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

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Chadalawada Nagar, Renigunta Road, Tirupati - 517 506

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### 5<sup>th</sup> Board of Studies Meeting held on 30<sup>th</sup> September 2021

The 5<sup>th</sup> Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 30.09.2021 in the Board room at 10.00 A.M through online mode.

The following Members were present in the meeting:

S.No	Name of the Member	Role
1	Dr. P. Krishna Murthy	Chairman
2	Dr. M. Ramasubba Reddy	External Member (JNTU, Nominee)
3	Dr. M. N. Giriprasad	External Member (Academics)
4	Dr. S. Narayana Reddy	External Member (Academics)
5	Dr. T. Rajendra Prasad	External Member (Industry)
6	Mr. K. Sampath Kumar	External Member (Alumni)
7	Dr. K. Soundararajan	Internal Member
8	Dr. J. Narendra Babu	Internal Member
9	Dr. K. C. Kullayappa	Internal Member
10	Dr. P. Srinivasa Rao	Internal Member
11	Dr. A. Pulla Reddy	Internal Member
12	Dr. R.Senthamil Selvan	Internal Member
13	Dr. B. Chandrababu Naik	Internal Member
14	Dr. B. Lalitha	Internal Member
15	Dr. M. Hema Latha	Internal Member
16	Dr. G. Komala Yadav	Internal Member
17	Mr. S. Ali Asgar	Internal Member
18	Mr. M. Adisheshaiah	Internal Member
19	Mr. V. Mahesh	Internal Member
20	Mr. J. Vishnuvardhan Yadav	Internal Member
21	Mrs. A. Mounika	Internal Member
22	Mrs. T. Vedavathi	Internal Member
23	Mrs. M. Chandini	Internal Member
24	Mrs. Mythili P G S	Internal Member
25	Mr. T. Krishnaiah	Internal Member

26	Mrs. M. Yamini	Internal Member
27	Ms. M. S. Leepthika	Internal Member
28	Mrs. P. Ramya	Internal Member
29	Mrs. G. Harika	Internal Member
30	Mrs. D. Neelima	Internal Member
31	Mrs. J. Sunitha Bai	Internal Member
32	Mrs. P. Vijaya Mounica	Internal Member
33	Mr. G. Srikar	Internal Member
34	Mr. V. Manikanta	Internal Member

### Minutes of the Meeting

**1. Action taken report on minutes / resolutions of BOS Meeting held on 08-01-2021**

Resolved to ratify Action Taken Report on minutes / resolutions of the BOS meeting held on 08-01-2021 submitted by the Chairman BOS (ECE).

**2. R19 – Syllabi of B.Tech V and VI Semesters (ECE)**

Chairman, BOS (ECE) presented the R19 syllabus of B.Tech V and VI Semesters of ECE Department. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**3. R20 – Course Structure and Syllabi of B.Tech III and IV Semesters (ECE)**

Chairman, BOS (ECE) presented the R20 syllabus of B.Tech III and IV Semesters of ECE Department. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**4. R21 – Academic Regulations and Course Structure of M.Tech. (VLSI System Design)**

Chairman, BOS (ECE) presented R21 Academic Regulations and Course Structure of M.Tech (VLSI System Design) to the members. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**5. R21 – Syllabi of I Year M.Tech. (VLSI System Design)**

Chairman, BOS (ECE) presented the Syllabus of I year M.Tech (VLSI System Design) to the members. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

**6. R19 – V and VI Semesters of B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners



for V and VI Semesters of B.Tech (ECE) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of V and VI Semesters of B.Tech (ECE) of R19 regulations.

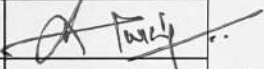

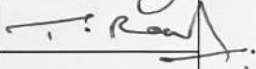

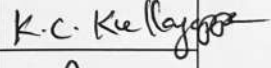

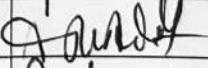

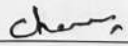
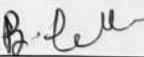



**7. R20 –III and IV Semesters of B.Tech. (ECE) Panel of Question Paper Setters and Examiners.**



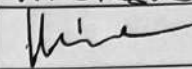
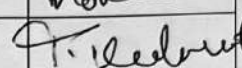
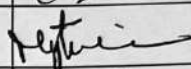
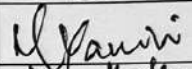
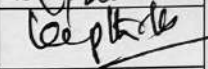
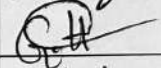
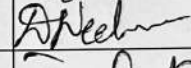
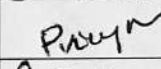
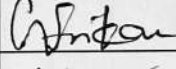
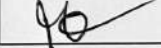
Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for III and IV Semesters of B.Tech (ECE) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of III and IV Semesters of B.Tech (ECE) of R20 regulations.

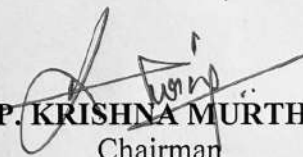
**8. R21 –I Year M.Tech. (VLSI System Design) Panel of Question Paper Setters and Examiners.**

Chairman, BOS (ECE) presented Panel of Question Paper Setters and Examiners for I Year M.Tech (VLSI System Design) Subjects and Laboratories to the members. It was resolved and approved the Panel of Question Paper Setters and Examiners for Subjects and Laboratories of I Year M.Tech (VLSI System Design) of R21 regulations.

Meeting concluded with thanks to the Chair.

S.No.	Name of the Member	Designation	Signature
1	Dr. P. Krishna Murthy	Chairman	
2	Dr. M. Ramasubba Reddy	External Member (JNTU, Nominee)	(online)
3	Dr. M. N. Giriprasad	External Member (Academics)	(online)
4	Dr. S. Narayana Reddy	External Member (Academics)	
5	Dr. T. Rajendra Prasad	External Member (Industry)	
6	Mr. K. Sampath Kumar	External Member (Alumni)	(online)
7	Dr. K. Soundararajan	Internal Member	
8	Dr. K. C. Kullayappa	Internal Member	
9	Dr. P. Srinivasa Rao	Internal Member	
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14	Dr. M. Hema Latha	Internal Member	
15	Dr. G. Komala Yadav	Internal Member	
16	Mr. S. Ali Asgar	Internal Member	

17	Dr. J. Narendra Babu	Internal Member	
18	Mr. M. Adisheshaiah	Internal Member	
19	Mr. V. Mahesh	Internal Member	v. Mahesh
20	Mr. J. Vishnuvardhan Yadav	Internal Member	
21	Mrs. A. Mounika	Internal Member	Mounika
22	Mrs. T. Vedavathi	Internal Member	
23	Mrs. M. Chandini	Internal Member	Chandini
24	Mrs. Mythili P G S	Internal Member	
25	Mr. T. Krishnaiah	Internal Member	T. Krishnaiah
26	Mrs. M. Yamini	Internal Member	
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32	Mrs. P. Vijaya Mounica	Internal Member	
33	Mr. G. Srikar	Internal Member	
34	Mr. V. Manikanta	Internal Member	

  
Dr. P. KRISHNA MURTHY  
Chairman

HEAD  
BOS in ECE

Department of  
Electronics & Communication Engineering  
Chadalewada Bamanavara Engg. College  
(AUTONOMOUS)

Tirupathi - 517 809, A.P. India.



# CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, Accredited by NAAC with 'A' Grade, Permanently Affiliated to JNTUA, Anantapuramu  
Chadalawada Nagar, Renigunta Road, Tirupati - 517 506



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


22-09-2022

### SIXTH BOARD OF STUDIES MEETING

The following members are constituted as Board of Studies members of the Department of ECE, CREC (A), Chalawada Nagar, Tirupati.

S.No	BOS	BOS Composition & Member Designation	Position in BOS (UG)
1.	Dr. Y. Murali Mohan Babu	Head, Department of ECE, CREC, Tirupati	Chairman
2.	Dr. M. Ramasubba Reddy	<i>JNTUA University Expert:</i> Professor, Department of ECE, IIT Madras, Tamilnadu	Member
3.	Dr. M. N. Giriprasad	<i>Academic Council Nominee:</i> <i>Subject Expert-1</i> Professor, Department of ECE, JNTUA College of Engineering, Ananthapuramu.	Member
4.	Dr. S. Narayana Reddy	<i>Academic Council Nominee:</i> <i>Subject Expert-2</i> Professor, Department of ECE, SVU College of Engineering, S. V. University, Tirupati	Member
5.	Dr. T. Rajendra Prasad	<i>Academic Council Nominee (Industry/Corporate):</i> Scientist-E, NARL, Gadanki, Chittoor Dist.	Member
6.	Mr. K. Sampath Kumar	<i>Academic Council Nominee (UG-Alumnus):</i> Program Analyst Cognizant Chennai.	Member
7.	Dr. K. Soundararajan	Professor, Dept. of ECE, CREC, Tirupati.	Member
8.	Dr. J. Narendra Babu	Professor, Dept. of ECE, CREC, Tirupati.	Member
9.	Dr. M. Vijaya Laxmi	Professor, Dept. of ECE, CREC, Tirupati.	Member
10.	Dr. K. C. Kullayappa	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
11.	Dr. A. Pulla Reddy	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
12.	Dr. P. Krishna Murthy	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member
13.	Dr. P. Srinivasa Rao	Associate Professor, Dept. of ECE, CREC, Tirupati.	Member

14.	Mr. S. Ali Asgar	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
15.	Mr. M. Adisheshaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
16.	Mr. J. Vishnuvardhan Yadav	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
17.	Mrs. A. Kusuma Kumari	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
18.	Mrs. Mythili P G S	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
19.	Mrs. M. Yamini	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
20.	Ms. M. S. Leepthika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
21.	Mrs. T. Vedavathi	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
22.	Mrs. D. Neelima	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
23.	Mr. T. Krishnaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
24.	Mr. T. Bala Narayana	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
25.	Mrs. M. Sumalatha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
26.	Mr. C. Giridhar Prasad	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
27.	Mr. V. Jashwa	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
28.	Mrs. A. Mounika	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
29.	Mr. K. Mohan Babu	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
30.	Mrs. K. Ravali	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
31.	Mrs. J. Deepthi	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
32.	Mrs. G. Susmitha	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
33.	Mr. B. Ganesh	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member
34.	Mr. G. Penchalaiah	Assistant Professor, Dept. of ECE, CREC, Tirupati.	Member

  
**HOD-ECE**  
 HEAD  
 Department of  
 Electronics & Communication Engineering  
 Chadalawada Ranganatha Engg. College  
 (AUTONOMOUS)  
 Tirupati - 517 500, A.P. India.





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

02-09-2022

### MEETING OF BOARD OF STUDIES

The 6<sup>th</sup> meeting of Board of Studies (BoS) of Department of ECE, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati will be held on 4<sup>th</sup> September, 2022 in the Conference Hall through online mode.

### AGENDA

1. To recommend and approve the R20 Course Structure and Syllabi for B.Tech V and VI Semesters for the Academic year 2022-23.
2. To recommend and approve the R19 Syllabi for B.Tech VII and VIII Semesters for the Academic year 2022-23.
3. To recommend and approve the R21 Syllabi for M.Tech III and IV Semesters for the Academic year 2022-23.
4. Any other item with the permission of the Chair.

### Copy to:

1. The Principal sir for information
2. The Dean sir for information
3. The IQAC Coordinator for information
4. All the BoS members for necessary action
5. File

  
BOS Chairman  
Department of  
Electronics & Communication Engineering  
Chadalawada Ramanamma Engg. College  
(AUTONOMOUS)  
Tirupati - 517 506, A.P, India



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

05-09-2022

### 6<sup>th</sup> Board of Studies Meeting held on 05<sup>th</sup> September 2022

The 6<sup>th</sup> Board of Studies (BoS) Meeting of the Department of Electronics and Communication Engineering was held on 04.09.2022 in the Board room at 10:00 A.M through online mode.

The following Members were present in the meeting:

1	Dr. Y. Murali Mohan Babu	Chairman
2	Dr. M. Ramasubba Reddy	External Member (JNTU, Nominee)
3	Dr. M. N. Giriprasad	External Member (Academics)
4	Dr. S. Narayana Reddy	External Member (Academics)
5	Dr. T. Rajendra Prasad	External Member (Industry)
6	Dr. K. Soundararajan	Internal Member
7	Dr. J. Narendra Babu	Internal Member
8	Dr. M. Vijaya Laxmi	Internal Member
9	Dr. K. C. Kullayappa	Internal Member
10	Dr. A. Pulla Reddy	Internal Member
11	Dr. P. Krishna Murthy	Internal Member
12	Dr. P. Srinivasa Rao	Internal Member
13	Mr. S. Ali Asgar	Internal Member
14	Mr. M. Adisheshaiah	Internal Member
15	Mr. J. Vishnuvardhan Yadav	Internal Member
16	Mrs. A. Kusuma Kumari	Internal Member
17	Mrs. Mythili P G S	Internal Member
18	Mrs. M. Yamini	Internal Member
19	Ms. M. S. Leepthika	Internal Member
20	Mrs. T. Vedavathi	Internal Member
21	Mrs. D. Neelima	Internal Member
22	Mr. T. Krishnaiah	Internal Member



23	Mr. T.Bala Narayana	Internal Member
24	Mrs. M. Sumalatha	Internal Member
25	Mr. C. Giridhar Prasad	Internal Member
26	Mr. V. Jashwa	Internal Member
27	Mrs. A. Mounika	Internal Member
28	Mr. K. Mohan Babu	Internal Member
29	Mrs. K. Ravali	Internal Member
30	Mrs. J. Deepthi	Internal Member
31	Mrs. G. Susmitha	Internal Member
32	Mr. B. Ganesh	Internal Member
33	Mr. G.Penchalaiah	Internal Member

**1. Action taken report on minutes / resolutions of BOS Meeting held on 30-09-2021**

Resolved to ratify Action Taken Report on minutes / resolutions of the BOS meeting held on 30-09-2021 submitted by the Chairman, BOS.

**2. R20 –Syllabi of B.Tech III Year I and II Semesters.**

Chairman, BOS presented the R20 syllabus of B.Tech III Year I and II Semesters of ECE Department.

**Discussions:**

Chairman, BOS has started the discussion with previous semesters' course structure and introduced the B.Tech III Year I and II Semesters' course structure and syllabus.

- Prof. M. Rama Subba Reddy suggested that the **Microprocessors & Microcontrollers** to B.Tech III Year I Semester and **Satellite Communications** to B.Tech III Year II Semester should be shifted as **Microprocessors & Microcontrollers** is the prerequisite to study the **Embedded Systems**.
- Prof. M. Rama Subba Reddy suggested that the **Microprocessors & Microcontrollers Laboratory** to B.Tech III Year I Semester and **VLSI & Embedded Systems Laboratory** to B.Tech III Year II Semester should be shifted as **Microprocessors & Microcontrollers Laboratory** is the prerequisite to **VLSI & Embedded Systems Laboratory**.
- Prof. M. Rama Subba Reddy and Prof. K. Soundararajan suggested that the Units of III and V in **Antennas & Wave Propagation** subject of B.Tech III Year I Semester should be swapped as continuity is missing in the syllabus.
- Prof. M. Rama Subba Reddy and Prof. K. Soundararajan suggested that the **TV Engineering** subject of **Professional Elective-I** with **Biomedical Instrumentation** should be replaced as it is outdated.
- Dr. T. Rajendra Prasad verified the syllabus of **Environmental Science** as it is very much useful for the present society.

It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

### 3. R19 – Syllabi of B.Tech IV Year I and II Semesters.

Chairman, BOS presented the R19 syllabus of B.Tech IV Year I and II Semesters of ECE Department.

#### Discussions:

Chairman, BOS has started the discussion with previous semesters' course structure and introduced the B.Tech IV Year I and II Semesters' course structure and syllabus.

- Prof. M. Rama Subba Reddy suggested that the **Radar & Satellite Communications (Professional Elective-IV)** of B.Tech IV Year I Semester with **Embedded System Design (Professional Elective-V)** of B.Tech IV Year II Semester should be swapped as these topics are very much useful in the view of student placements in the Industry.
- Prof. M. Rama Subba Reddy suggested that the **Radar & Satellite Communications** with **Embedded System Design** in **Open Elective-IV** should be replaced as it is very much useful for the present society.
- Prof. K. Soundararajan suggested that the Topics related to Nuclear Instruments in **Electronic Measurements and Instrumentation** of B.Tech IV Year I Semester should be included as the topics are highly used at the Industry level.
- Prof. S. Narayana Reddy suggested that online MOOCs courses in B.Tech IV Year II Semester should be followed and others committee members recommended the same. The final decision can be taken at Academic Council meeting.

It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.

### 4. R21 – Syllabi of M.Tech II Year I and II Semesters.

Chairman, BOS presented the R21 syllabus of M.Tech II Year I and II Semesters of ECE Department. It was resolved to accept the same after thorough discussion and taking into consideration of the suggestions and remarks given by the members.


Meeting concluded with thanks to the Chair.

S. No.	Name of the Member	Designation	Signature
1	Dr. Y. Murali Mohan Babu	Chairman	
2	Dr. M. Ramasubba Reddy	External Member (JNTU, Nominee)	
3	Dr. M. N. Giriprasad	External Member (Academics)	
4	Dr. S. Narayana Reddy	External Member (Academics)	
5	Dr. T. Rajendra Prasad	External Member (Industry)	
6	Dr. K. Soundararajan	Internal Member	
7	Dr. J. Narendra Babu	Internal Member	
8	Dr. M. Vijaya Laxmi	Internal Member	

online  
online



9	Dr. K. C. Kullayappa	Internal Member	K.C. Kullayappa
10	Dr. A. Pulla Reddy	Internal Member	A. Pulla Reddy
11	Dr. P. Krishna Murthy	Internal Member	P. Krishna Murthy
12	Dr. P. Srinivasa Rao	Internal Member	P. Srinivasa Rao
13	Mr. S. Ali Asgar	Internal Member	S. Ali Asgar
14	Mr. M. Adishesaiah	Internal Member	M. Adishesaiah
15	Mr. J. Vishnuvardhan Yadav	Internal Member	J. Vishnuvardhan Yadav
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31	Mrs. G. Susmitha	Internal Member	G. Susmitha
32	Mr. B. Ganesh	Internal Member	B. Ganesh
33	Mr. G. Penchalaiah	Internal Member	G. Penchalaiah

  
**Dr. Y. MURALI MOHAN BABU**  
 Chairman  
 BOS in ECEAD  
 Department of  
 Electronics & Communication Engineering  
 Chadalawada Ramakrishna Engg. College  
 (AUTONOMOUS)  
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