

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

COMPOSITION OF BOARD OF STUDIES

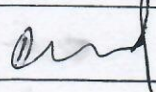
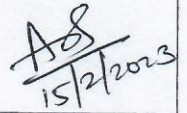
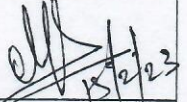
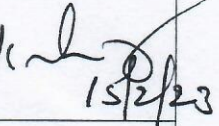
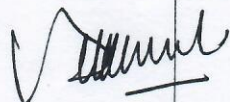
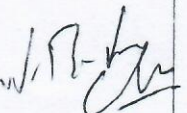

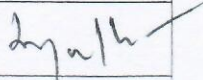

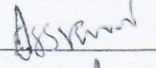
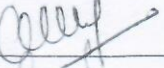
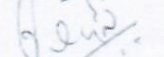
Date: 15/02/2023

| S. No | Name | Designation | Position |
|-------|---|---|----------|
| 1 | Dr.G.Devadasu | Prof & Head of the Department | Chairman |
| 2 | Dr. A. Jaya Laxmi (Expert nominated by the Vice-Chancellor/university) | Prof of EEE & Director , UGC Affairs, JNTUH CEH | Member |
| 3 | Dr. M Sushama (Invited Member) | Prof of EEE. JNTUH CEH | Member |
| 4 | Dr.K.Ramesh Reddy (Invited Member) | Principal, GNITS Hyderabad. | Member |
| 5 | Mr.M.J.Purohit (Expert from Industry/ R&D) | Chairman & Managing Director Axiom Energy conversion Limited,Hyderabad | Member |
| 6 | Mr.Bhadrinath (Expert from Industry /Alumnus Nominated by the Principal) | Managing Director Dinkrit Solar Power Systems, Hyderabad. | Member |
| 7 | Mr.N.Kamesh (Expert from Industry /Alumnus Nominated by the Principal) | Quality Engineer Sravanthi, Industries Gandhi Nagar Industrial Estate, Hyderabad | Member |
| 8 | Dr. S. Muthubalaji | Professor, CMRCET | Member |
| 9 | Dr. S.Srinivasan | Associate Professor, CMRCET | Member |
| 10 | Dr. M.Vijaya Shanthi | Associate Professor, CMRCET | Member |
| 11 | Dr. G.Srinivasa Rao | Associate Professor, CMRCET | Member |
| 12 | Mrs.K.Soujanya | Associate Professor, CMRCET | Member |

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Board of Studied Meeting held on 15.02.2023

Members Present

| S. No | Name | Designation | Position | Signature |
|-------|---|--|----------|---|
| 1 | Dr.G.Devadasu Professor,EEE, CMRCET | Head of the Department | Chairman |  |
| 2 | Dr. A. Jaya Laxmi (Expert nominated by the Vice-Chancellor/university) | Prof of EEE & Principal JNTUH CEH | Member |  |
| 3 | Dr. M Sushama (Invited Member) | Prof of EEE. JNTUH CEH | Member |  |
| 4 | Mr.K.Ramesh Reddy (Invited Member) | Principal, GNITS Hyderabad Ph.No:9849422460 | Member |  |
| 5 | Mr.M.J.Purohit (Expert from Industry/ R&D) | Chairman & Managing Director Axiom Energy conversion Limited Hyderabad | Member |  |
| 6 | Mr.Bhadrinath (Expert from Industry /Alumnus Nominated by the Principal) | Managing Director Dinkrit Solar Power Systems, Hyderabad. | Member |  |
| 7 | Mr.K.Kamesh (Expert from Industry /Alumnus Nominated by the Principal) | Quality Engineer Sravanthi, Industries Gandhi Nagar Industrial Estate,Hyderabad Ph.No:9490315301 | Member |  |
| 8 | Dr. S. Muthubalaji | Professor of EEE, CMRCET | Member |  |
| 9 | Mrs.K.Soujanya | Professor of EEE, CMRCET | Member |  |
| 10 | Dr. S.Srinivasan | Associate Professor CMRCET | Member |  |
| 11 | Dr. M.Vijaya Shanthi | Associate Professor CMRCET | Member |  |
| 12 | Dr. G.Srinivasa Rao | Associate Professor CMRCET | Member |  |



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)

Department of Electrical and Electronics Engineering

Minutes of the Board of Studies meeting of Department of Electrical and Electronics Engineering held on 15/02/2023.

Board of Studies meeting was held on 15th February, 2023 to finalize the B.Tech EEE R22 regulations Course Structure for four years and detailed syllabus of I to IV semesters and M.Tech (Power Electronics) R22 regulations Course Structure and detailed syllabus.

The following members were present.

1. Dr.G.Devadasu, Professor & HOD- EEE,CMRCET
2. Dr. A. Jaya Laxmi Prof of EEE &Principal, JNTUH College of Engineering, Hyderabad
3. Dr. M.Sushama, Professor of EEE, JNTUH College of Engineering, Hyderabad
4. Dr.K.Ramesh Reddy, Principal,GNITS, Hyderabad.
5. Mr.M.J.Purohit, Chairman & Managing Director, Axiom Energy conversion Limited, Hyderabad
6. Mr.Bhadrinath, Managing Director, Dinkrit Solar Power Systems, Hyderabad.
7. Mr.N.Kamesh, Quality Engineer, Sravanthi, Industries,Gandhi Nagar Industrial Estate,Hyderabad
8. Dr. S. Muthubalaji, Professor of EEE, CMRCET.
9. Prof.K.Soujanya, Professor of EEE, CMRCET.
10. Dr. S.Srinivasan, Associate Professor, EEE,CMRCET.
11. Dr.M.VijayShanthi, Associate Professor, EEE,CMRCET.
12. Dr.G.Srinivasa Rao, Associate Professor, EEE,CMRCET.

Agenda

1. Review & finalization of Course Structure and detailed syllabus of I & IV semesters R22 regulations for B.Tech (Electrical and Electronics Engineering) Programme
2. Review & finalization of Course Structure detailed syllabus of R22 regulations for M.Tech (Power Electronics) Programme.
3. Review and finalization of substitute and equivalent courses/subjects for readmitted student from R18 regulations to R22 regulations
4. Review and finalization of open electives courses offered by EEE department to other departments for R22 Regulations.
5. Review and finalization of Service Subjects/courses offered by EEE department to other departments for R22 Regulations
6. Any other points with the Permission of Chair.

PROCEEDINGS

Chairman welcomed all the members for the Board of Studies meeting and expressed gratitude to the previous BoS members for their suggestions for successful implementation of R18 regulations syllabus. He also conveyed that the common BoS was held on 12.10.2022 and the detailed syllabus for I and II semesters was approved by the members in common BoS.

PRINCIPAL
CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.

HEAD
Dept. of Electrical & Electronics Engg.
CMR College of Engineering & Technology
Kandlakoya, Medchal, HYDERABAD - 501 401.

- **Item-1: Review & finalization of Course Structure and detailed syllabus of first four semesters R22 regulations for B.Tech (Electrical and Electronics Engineering) Programme**

Discussion:

- The committee reviewed the Course Structure & Syllabus of B.Tech (EEE) program of first four semesters.

Suggestions:

- To include latest editions of textbooks in all courses of the curriculum.
- Mr.M.J.Purohit, Expert person from Industry suggested that advanced courses related to industry may be included in the curriculum

Resolution:

- Item 1 is approved by BoS members
- Above mentioned amendments have been incorporated.
- Advanced courses suggested may be included in III and IV year.

- **Item-2: Review & finalization of Course Structure and detailed syllabus of R22 regulations for M.Tech(Power Electronics) Programme**

Discussion: The above item has been reviewed by the committee members.

Suggestions:

- To include industry-oriented subjects in the curriculum of PG Course.

Resolution:

- Item 2 is approved by BoS members
- The above suggestions are amended.

- **Item-3: Review and finalization of substitute and equivalent courses/subjects for readmitted student from R18 regulations to R22 regulations**

Discussion: The above item has been reviewed by the committee members

Suggestions:

- BoS members suggested the appropriate substitute and equivalence courses/ subjects for the re-admitted students from R18 regulations to R22 regulations in I, II and III semester

Resolution: The Committee members approved the substitute and equivalent courses/subjects for readmitted student from R18 regulations to R22 regulations in I, II and III semester.

1. A student re- admitted in II semester has to register for Additional course(s) to earn the credits as per R22 Regulations.

| Credits of I semester in R18 | Credits from II to VIII semester in R22 | Additional Credits Required | Total credits |
|------------------------------|---|-----------------------------|---------------|
| 18.5 | 140 | 1.5 | 160 |

PRINCIPAL
CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.

HEAD
Dept. of Electrical & Electronics Engg.
CMR College of Engineering & Technology
Kandlakoya, Medchal, HYDRABAD - 501 401.

Additional Course(s) of the semester as per R22 Regulations

| S.No | Course Name | Credits |
|------|---|---------|
| 1 | Electrical Circuit Analysis-I (A402202) | 3 |

Substitute Course(s) for repeated Courses/subjects of the semester in R22 Regulations

| S. No | Repeated subject(s) of R22 with code (credits) if any studied by the student in R18 Regulation | Recommended Substitute subject(S) with code (credits) in place of Repeated Subjects |
|-------|--|---|
| 1 | Applied Physics (A30009) (4 Credits) | Engineering Chemistry(A400009) (4credits) |
| 2 | Applied Physics Lab(A30023) (1.5 Credits) | 1. Engineering Chemistry Lab(A400502) (1 credit) |
| | | 2. Elements of Electrical and Electronics Engineering (A402501) (1 credit) |

3. A student re-admitted from R18 to R22 in III semester has to register for Additional course(s) to earn the credits as per R22 Regulations

| Credits upto II semester in R18 | Credits from III to VIII semester in R22 | Additional Credits Required | Total credits |
|---------------------------------|--|-----------------------------|---------------|
| 38 | 120 | 2 | 160 |

Additional Course(s) of the semester as per R22 Regulations

| S.No | Course name | Credits |
|------|--|---------|
| 1 | Electrical Circuit Analysis-I(A402202) | 3 |

Substitute Course(s) for repeated Courses/subjects of the semester in R22 Regulations

| S.No | Repeated subject(s) of R22 with code (credits) if any studied by the student in R18 Regulation | Recommended Substitute subject(S) with code (credits) in place of Repeated Subjects |
|------|--|---|
| 1 | NIL | NIL |

Item-4: Review and finalization of open electives courses offered by EEE department to other departments

Discussion:The above item has been reviewed by the committee members.

Suggestions:

- BoS members suggested putting up courses which increases the scope of Electrical Engineering without any prerequisite.
- In the course Electric Vehicle Technology ,BoS members suggested to introduce the basic concepts of Power Electronics required for Electric Vehicle Technology

Resolution:

- Item 4 is approved by BoS members
- The above suggestions are amended as suggested by BoS Members

The chairman thanked all the members for giving their valuable suggestions.

PRINCIPAL
CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.

MEAS
Dept. of Electrical & Electronics Engg.
CMR College of Engineering & Technology
Kandlakoya, Medchal, HYDERABAD - 501 401.

Item-5: Review and finalization of Service Subjects/courses offered by EEE department to other departments for R22 Regulations

Discussion: The above item has been reviewed by the committee members.

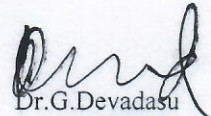
Suggestions:

- The Service Subjects/Courses department Offering to other departments and the concerned detailed syllabus is in appropriate manner.


Resolution:

- Item 5 is approved by BoS members

The chairman thanked all the members for giving their valuable suggestions.


Dr.G.Devadasu
HoD-EEE
(Chairman).

HEAD
Dept. of Electrical & Electronics Engg.
CMR College of Engineering & Technology
Kandlakoya, Medchal, HYDERABAD - 501 401.


PRINCIPAL
CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.

Item-5: Review and finalization of Service Subjects/courses offered by EEE department to other departments for R22 Regulations

Discussion: The above item has been reviewed by the committee members.


Suggestions:

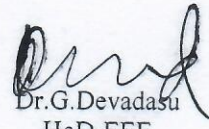
- The Service Subjects/Courses department Offering to other departments and the concerned detailed syllabus is in appropriate manner.

Resolution:

- Item 5 is approved by BoS members

The chairman thanked all the members for giving their valuable suggestions.


PRINCIPAL
CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.


Dr.G.Devadasu
HoD-EEE
(Chairman).

HEAD
Dept. of Electrical & Electronics Engg.
CMR College of Engineering & Technology
Kandlakoya, Medchal, HYDERABAD - 501 401.