



Department of Electrical & Electronics Engineering


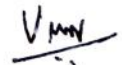





Minutes of 9th Board of Studies Meeting Held on 30-08-2021

The 9th BoS Meeting is held on 30-08-2021 at 11.15am virtually through Microsoft Teams, Dept. of EEE, MITS, Madanapalle.

Agenda

1. Discussion on R-18, B. Tech. curriculum structure and detailed syllabus up to IV year I & II Sem.
2. Discussion on R-20, B. Tech. curriculum structure and detailed syllabus up to II year I & II Sem.
3. Discussion on R-20, M. Tech. curriculum structure and detailed syllabus up to II year I & II Sem.
4. Any other matter with the permission of the chair.

Members Present:

- | | |
|---|---|
| 1. Dr. A. V. Pavan Kumar,
HoD, Dept. of EEE, MITS. | Chairperson  |
| 2. Prof. P.S. Nagendra Rao,
Professor, Dept. of EE, IIT, Dharwad | Member – Subject Expert |
| 3. Dr. K. Siva Kumar,
Assoc. Professor, Dept. of EE, IIT, Hyderabad | Member – Subject Expert |
| 4. Dr. P. Raja,
Assoc. Professor, Dept. of EEE, NIT, Tiruchirappalli | Member – University Nominee |
| 5. Ms. B.R. Sushma,
Scientist, DRDO, Bangalore | Member – Meritorious Alumnus |
| 6. Dr. M. Vaigundamoorthi,
Professor, Dept. of EEE, MITS. | Member  |
| 7. Dr. C. Kamal Basha,
Professor, Dept. of EEE, MITS. | Member  |
| 8. Dr. Rajendraprasad Narne,
Assoc. Professor, Dept. of EEE, MITS. | Member  |
| 9. Dr. K Arul Kumar,
Assoc. Professor, Dept. of EEE, MITS. | Member  |
| 10. Dr. M. Vijay,
Assoc. Professor, Dept. of EEE, MITS. | Member  |
| 11. Dr. Hira Singh Sachdev,
Sr. Asst. Professor, Dept. of EEE, MITS. | Member  |



Suggestions on Curriculum & Structure (UG – R18)

1. The syllabus content of Unit I for the subject Switch Gear and Protection 18EEE116 should focus on static and digital relays.
2. The DE-IV subject 18EEE416 Power System Reliability and Deregulation can be offered as Deregulation of Power System with necessary updations in the course content.
3. The DE – V subject 18EEE417 Static Relays the units have to rearranged (Unit V to be unit 1) to see proper flow of the content with respect to static relays.
4. The IV Year I & II Sem Structure is approved and the syllabus content of the subjects mentioned can be appropriately modified for making it consistent if necessary.

Suggestions on Curriculum & Structure (UG – R20)

Skill Oriented Courses:

1. It is suggested to offer one course per semester. One course related to Electrical in II year I sem and another one related to Electronics in II year II sem.
2. The course related to Electrical can consist of skills related to House Wiring, Earthing, Winding of Transformer and Motors, trouble shooting in electrical equipment's.
3. The course related to Electronics can consist of skills related to trouble shoot in TV, Washing machine, AC, PCB soldering
4. Simulation based courses can be offered in higher semesters.

R-20 Structure and Detailed Syllabus up to II year I & II sem:

1. The Structure of R-20 was discussed. The suggestion was to have both theory and lab course for power electronics subject in III year I sem if possible.
2. In the Unit II syllabus content of the subject 20EEE102 Electrical Circuit Analysis more focus should be given on three-phase circuit analysis.
3. The unit V title should be renamed to Single Phase and Special Machines for the subject 20EEE207 Induction and Synchronous Machines.
4. For student internship in between the year gap (II and III year) it was suggested to give options for the students to select internship from i) Industry, ii) Reputed academic institute (IISc or IITs or NITs) , iii) In-house Internship if possible.
5. The Discipline Electives (DE) proposed were suggested to offer as a single list of courses or separate list by internal discussion. The same can be presented in the next BoS as the DE are offered from III year.
6. B. Tech R-20 structure and syllabus upto II year I & II sem is approved.

Suggestions on Curriculum & Structure (PG – R20)

1. The Structure and Detail syllabus for M. Tech ^{Electrical} ~~Solar~~ Power System II year I & II sem are approved.

BoS authorizes the chairperson and IDC for making appropriate changes.



Re: Dept. of EEE 9th BoS MoM held on 30-08-2021

Nagendra Rao <nagendraraops@gmail.com>

Sat 9/4/2021 1:34 PM

To: HOD- EEE <eeehod@mits.ac.in>

Dear Sir,

I have perused the MoM of the 9th BoS of Dept. of EEE, MITS, Madanapalle held on 30-08-2021 and the Updated R-18 & R-20 Structure is attached to the mail. It is acceptable in this form.

Thanks,

Prof. P S Nagendra Rao (Retd)

Dept Electrical Engineering

Indian Institute of Science

Bangalore 560012

Tel:(Mob) 9620421560

(land line) 080 23490951

On Thu, Sep 2, 2021 at 10:17 AM HOD- EEE <eeehod@mits.ac.in> wrote:

Dear BoS External Members,

The MoM of the 9th BoS of Dept. of EEE, MITS, Madanapalle held on 30-08-2021 virtually is attached. The Updated R-18 & R-20 Structure is attached to the mail.

I request your approval of the same.

Thanking you

With Regards,



MITS

Dr A V Pavan Kumar
Associate Professor, Department of EEE
Head of the Department - EEE

Mobile: +91-9160020781

Email: eeehod@mits.ac.in

Madanapalle Institute of Technology & Science (Autonomous)

Post Box No:14, Kadiri Road, Madanapalle

Chittoor District, Andhra Pradesh, India-517325

website: www.mits.ac.in

Re: Dept. of EEE 9th BoS MoM held on 30-08-2021

praja@nitt.edu <praja@nitt.edu>

Fri 9/3/2021 5:55 AM

To: HOD- EEE <eeehod@mits.ac.in>

Dear Prof.,

I have gone through the MoMs. All seems to be fine and hence I approve the same.

Thanks and Regards

Raja P

Quoting HOD- EEE <eeehod@mits.ac.in>:

> Dear BoS External Members,

>

> The MoM of the 9th BoS of Dept. of EEE, MITS, Madanapalle held on

> 30-08-2021 virtually is attached. The Updated R-18 & R-20 Structure

> is attached to the mail.

>

> I request your approval of the same.

>

> Thanking you

>

> With Regards,

>

> [cid:974ca71e-33d2-4e50-85e9-b1cde1deab73]

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P. Raja, M.Tech., Ph.D.,

Associate Professor,

Electrical and Electronics Engineering,

National Institute of Technology,

Tiruchirappalli - 620015. Tamil Nadu.

+431-250 3264, 4264

+91-9942680653

Re: Fw: Dept. of EEE 9th BoS MoM held on 30-08-2021

Dr. Siva Kumar K <ksiva@ee.iith.ac.in>

Wed 9/22/2021 12:50 PM

To: HOD- EEE <eeehod@mits.ac.in>

Dear Sir,

Proposed structure looks fine to me, you may please consider this email as my approval

With regards
siva

On Wed, Sep 22, 2021 at 12:07 PM HOD- EEE <eeehod@mits.ac.in> wrote:

Dear Sir,

A gentle reminder for your approval of MoM for 9th BoS meeting.

Thanking you

With Regards,



Dr A V Pavan Kumar
Associate Professor, Department of EEE
Head of the Department - EEE

Mobile: +91-9160020781

Email: eeehod@mits.ac.in

Madanapalle Institute of Technology & Science (Autonomous)

Post Box No: 14, Kadiri Road, Madanapalle

Chittoor District, Andhra Pradesh, India-517325

website: www.mits.ac.in

From: HOD- EEE

Sent: Thursday, September 2, 2021 10:17 AM

To: nagendraraops@gmail.com <nagendraraops@gmail.com>; P S Nagendra Rao <nagendra@alumni.iisc.ac.in>; praja@nitt.edu <praja@nitt.edu>; Dr. Siva Kumar K <ksiva@ee.iith.ac.in>; brsushma@gmail.com <brsushma@gmail.com>

Cc: Rajendra Prasad N <rajendraprasadn@mits.ac.in>

Subject: Dept. of EEE 9th BoS MoM held on 30-08-2021

Dear BoS External Members,

The MoM of the 9th BoS of Dept. of EEE, MITS, Madanapalle held on 30-08-2021 virtually is attached. The Updated R-18 & R-20 Structure is attached to the mail.

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Thanking you

With Regards,