



## Department of Electrical & Electronics Engineering







### Minutes of 11<sup>th</sup> Board of Studies Meeting Held on 17-06-2023

The 11<sup>th</sup> BoS Meeting is held on 17-06-2023 at 11.30am virtually via Microsoft Teams, Dept. of EEE, MITS, Madanapalle.

#### Agenda

1. Discussion on R-20, B. Tech. curriculum structure and detailed syllabus of courses in IV year B Tech Regular, Minors and Honors programs.
2. Any other matter with the permission of the chair.

#### Members Present:

- |  |                              |   |
|--|------------------------------|---|
| 1. Dr. A. V. Pavan Kumar,<br>HoD, Dept. of EEE, MITS.  | Chairperson                  |    |
| 2. Prof. P.S. Nagendra Rao,<br>Professor, Dept. of EE, IIT, Dharwad  | Member – Subject Expert      |   |
| 3. Dr. K. Siva Kumar,<br>Professor, Dept. of EE, IIT, Hyderabad  | Member – Subject Expert      |   |
| 4. Dr. R. Kiranmayi,<br>Director, Foreign Affairs & Alumni Matters and<br>Professor, EEE Department, JNTUA CEA | Member – University Nominee  |   |
| 5. Dr. Balakrishna P<br>Senior Engineer - Emerging Technologies, GE Grid<br>Solutions, Hyderabad, T.S.         | Member – Industry Expert     |   |
| 6. Ms. B. R. Sushma<br>Scientist, DRDO   | Member - Meritorious Alumnus |   |
| 7. Dr. C. Kamal Basha,<br>VP Admin & Professor, Dept. of EEE, MITS.  | Member                       |  |
| 8. Dr. K. Arul Kumar,<br>Assoc. Professor, Dept. of EEE, MITS.   | Member                       |  |
| 9. Dr. T. S. Balaji Damodhar,<br>Asst. Professor, Dept. of EEE, MITS.  | Member                       |  |
| 10. Dr. K. Lakshmikhandan,<br>Asst. Professor, Dept. of EEE, MITS.   | Member                       |  |
| 11. Dr. J. Jawahar Babu,<br>Asst. Professor, Dept. of EEE, MITS.   | Member                       |   |
| 12. Dr. V B Thurai Raaj<br>Asst. Professor, Dept. of EEE, MITS.  | Member                       |  |

### Suggestions on Curriculum & Structure (UG - R20)

1. No changes were suggested in IV year I & II sem Structure and courses.
2. For the course with title "Energy Audit and Conservation Management": In Unit III – Case study of energy audit, Process of conducting energy audit need to be incorporated.
3. For the course with title "Switch Gear and Protection": Unit I More focus should be given on digital, numerical and microprocessor based relays. Evolution of electro mechanical relays can be given as overview. The Digital Relays in Unit V need to be added in Unit I and Unit V can introduce protection concepts of RES integrated to Grid.
4. For the course with title Digital Signal Processing: The syllabus content of Unit V: Should focus on Application in Electrical Systems.
5. For the course with title Smart Power Grid: The syllabus content need to be rearranged such that Generation, Transmission, Distribution and Utilization can be in sequence.
6. In the syllabus content of Skill Oriented Course: Instead of mentioning particular software name it can be written as Simulation Software. A Project at the end of course can be added for improving the skills of students.
7. The structure of Honors and Minors course were approved. (The Subjects related to honors may be included in the professional elective pools itself instead of giving as a separate structure).

BoS authorizes the chairperson and IDC for making appropriate changes.



**BoS Chairperson**

Head of the Department  
Electrical & Electronics Engineering  
Madanapalle Institute of Technology & Science  
MADANAPALLE - 517 325

Fwd: MoM of 11th BoS Meeting - Dept. of EEE - MITS, Madanapalle

Nagendra Rao <nagendraraops@gmail.com>

Fri 6/30/2023 11:30 AM

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

----- Forwarded message -----

From: **Nagendra Rao** <nagendraraops@gmail.com>

Date: Wednesday, June 28, 2023

Subject: MoM of 11th BoS Meeting - Dept. of EEE - MITS, Madanapalle

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

Dear Sir,

I have perused the attached documents and hereby convey my approval of the same.

Thanks

P S Nagendra Rao

On Wednesday, June 28, 2023, Dr. Siva Kumar K <ksiva@ee.iith.ac.in> wrote:

PFA

On Tue, Jun 27, 2023 at 12:00 PM HOD- EEE <eeehod@mits.ac.in> wrote:

Greetings of the day,

The 11<sup>th</sup> BoS Minutes of the Meeting, which were held on 17-06-2023 is attached to the email with the updated syllabus copy.

I am seeking approval from the Expert members. Please suggest any changes or modifications that need to be made.

I would like to thank all the expert members for their support in strengthening the curriculum.

Thanking you

*With Regards,*

Dr. A V Pavan Kumar.

Professor & Head

Department of EEE,

Madanapalle Institute of Technology & Science,

NIRF (Band 251-300), NAAC A+,

Madanapalle - 517 325

Mob: +91-9160020781

E-mail Id: [eeehod@mits.ac.in](mailto:eeehod@mits.ac.in)





Department of Electrical & Electronics Engineering





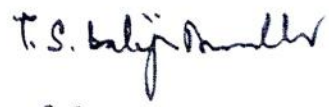


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| 12. Dr. V B Thurai Raaj<br>Asst. Professor, Dept. of EEE, MITS.  | Member                 |

23, 11:39 AM

Mail - HOD- EEE - Outlook

Re: MoM of 11th BoS Meeting - Dept. of EEE - MITS, Madanapalle

Ms. kiranmayi <kiranmayi.eee@jntua.ac.in>

Sat 7/1/2023 10:41 AM

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

Approved

On Tue, Jun 27, 2023 at 12:00 PM HOD- EEE <eeehod@mits.ac.in> wrote:

Greetings of the day,

The 11<sup>th</sup> BoS Minutes of the Meeting, which were held on 17-06-2023 is attached to the email with the updated syllabus copy.

I am seeking approval from the Expert members. Please suggest any changes or modifications that need to be made.

I would like to thank all the expert members for their support in strengthening the curriculum.

Thanking you

*With Regards,*

Dr. A V Pavan Kumar.  
Professor & Head  
Department of EEE,  
Madanapalle Institute of Technology & Science,  
NIRF (Band 251-300), NAAC A+,  
Madanapalle - 517 325  
Mob: +91-9160020781  
E-mail Id: [eeehod@mits.ac.in](mailto:eeehod@mits.ac.in)

23, 9:33 AM

Re: MoM of 11th BoS Meeting - Dept. of EEE - MITS, Madanapalle

Bala Krishna <balakrishna20984@gmail.com>

Wed 6/28/2023 9:22 AM

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

Dear Sir,

Thank you for sharing the revised syllabus and I agree with the changes proposed.

Thanks & Regards,  
Dr. Balakrishna Pamulaparthi, Ph.D.

Senior Engineer - Emerging Technologies

GE Grid Automation/GE Vernova

Phone: +91 9502711904

Email: [balakrishna.pamulaparthi@ge.com](mailto:balakrishna.pamulaparthi@ge.com)

2<sup>nd</sup> Floor, Block 1, Cyber Pearl, Hitec-City,

Madhapur, HYD, India.

On Tue, Jun 27, 2023 at 10:03 PM HOD- EEE <eeehod@mits.ac.in> wrote:

Dear Sir,

The detailed syllabus is attached, and the changes in the content of the syllabus are marked in red color.

Thanking you

With Regards,

Dr. A V Pavan Kumar.  
Professor & Head  
Department of EEE,  
Madanapalle Institute of Technology & Science,  
NIRF (Band 251-300), NAAC A+,  
Madanapalle - 517 325  
Mob: +91-9160020781  
E-mail Id: [eeehod@mits.ac.in](mailto:eeehod@mits.ac.in)

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From: Bala Krishna <balakrishna20984@gmail.com>

Sent: Tuesday, June 27, 2023 4:38 PM

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

Subject: Re: MoM of 11th BoS Meeting - Dept. of EEE - MITS, Madanapalle

Dear Sir,

Is it possible to highlight the changes done to syllabus in some color and send so that it is easier to understand?

Regards



6/23, 3:51 PM

Mail - HOD- EEE - Outlook

Re: **MoM of 11th BoS Meeting - Dept. of EEE - MITS, Madanapalle**

**BR Sushma <brsushma@gmail.com>**

Wed 6/28/2023 1:52 PM

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

**This looks good.**

**Please go ahead.**

Regards,  
Sushma

On Wed, Jun 28, 2023 at 1:48 PM BR Sushma <[brsushma@gmail.com](mailto:brsushma@gmail.com)> wrote:

Dear Pavan,

This is good.

Please send the updated syllabus.

Regards,  
Sushma

On Tue, Jun 27, 2023 at 12:00 PM HOD- EEE <[eeehod@mits.ac.in](mailto:eeehod@mits.ac.in)> wrote:

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