### MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC - Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu) P.B.No. 14, Angallu, Madanapalle - 517325, Chittoor Dist., Andhra Pradesh, India.

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### Department of Electrical & Electronics Engineering

Date: 23.08.2018

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### Composition and approval of 7th Program Assessment Committee (PAC)

Following members are nominated and approved for constitutions of 7th Program Assessment Committee (PAC).

1. Dr. Asha Rani M. A.

Chairman

HoD, Dept. of EEE, MITS.

2. Dr. C. Kamal Basha

Member

Professor, Dept. of EEE, MITS.

3. Dr. Ilampoornan M. K.

Member

Professor, Dept. of EEE, MITS.

4. Dr. Rajendraprasad Narne

Member

Assoc. Professor, Dept. of EEE, MITS.

5. Dr. Suprava Chakraborty

Member

Assoc. Professor, Dept. of EEE, MITS.

6. Dr. M. Chakkarapani

Member

Assoc. Professor, Dept. of EEE, MITS.

7. Dr. Lakshmanan S. A.

Member

Sr. Asst. Professor, Dept. of EEE, MITS.

8. Dr. Pavan Kumar AV

Member

Sr. Asst. Professor, Dept. of EEE, MITS.

9. Dr. Hira Singh Sachdev

Member

Sr. Asst. Professor, Dept. of EEE, MITS.

#### Responsibilities of the committee:

1. Monitors attainment of COs, POs and PSOs

2. PAC evaluates programme effectiveness and process necessary changes

3. Preparation of periodic reports, records on program activities, progress and status reports.

### Copy to

- The Principal
- Vice Principal Academics
- Programme Assessment Committee
- Department File

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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 30.08.2018

## **Circular**

It is hereby informed to all the members of Program Assessment Committee (PAC) that 7<sup>th</sup> Program Assessment Committee (PAC) Meeting is scheduled on 3<sup>rd</sup> September, 2018, Monday, at 10.30 a.m., at the board room (EB-001), MITS, Madanapalle, for addressing and reviewing the assessment method for attainment of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs).

### Agenda:

- Computation of previous results and analysis of Course outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) for the academic year 2017-18, II semester subjects.
- Discussion on assessment methods to achieve attainment level in R-14 Regulation for UG syllabus.
- 3. Discussion on department vision and mission & PEOs.
- 4. Discussion on R14 curriculum and courses
- 5. Discussion on R18 curriculum
- 6. Any other matter with the permission of the chair.

Dr. Asha Rani M. A.

HOD/EEE

1. Dr. Asha Rani M. A.

2. Dr. C. Kamal Basha

3. Dr. Ilampoornan M. K.

4. Dr. Rajendraprasad Narne

5. Dr. Suprava Chakraborty 4

6. Dr. M. Chakkarapani

7. Dr. Lakshmanan S. A.

8. Dr. Pavan Kumar AV

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	PAC - 7 (ATTENDANCE)	Page No.: 33 Date: 03/09/2018
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# Department of Electrical & Electronics Engineering

Date: 03.09.2018

# Minutes of 7th Program Assessment Committee (PAC) Meeting Held on 03-09-2018

In continuation with the previous meeting dated 05th April 2018, PAC has been assembled on 3rd September, 2018 at 10.30 a.m. at the board room (EB-001), MITS, Madanapalle for addressing and reviewing the Assessment method for attainment of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs).

### Agenda:

- 1. Computation of previous results and analysis of Course outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) for the academic year 2017-18, II semester subjects.
- 2. Discussion on assessment methods to achieve attainment level in R-14 Regulation for UG syllabus.
- 3. Discussion on department vision and mission.
- 4. Discussion on R14 courses
- 5. Discussion on R18 I year & II year courses
- 6. Any other matter with the permission of the chair.

### **Members Present:**

1. Dr. Asha Rani M. A. HoD, Dept. of EEE, MITS.

2. Dr. C. Kamal Basha Professor, Dept. of EEE, MITS.

Dr. Ilampoornan M. K. Professor, Dept. of EEE, MITS.

4. Dr. Rajendraprasad Narne Assoc. Professor, Dept. of EEE, MITS.

5. Dr. Suprava Chakraborty Assoc. Professor, Dept. of EEE, MITS.

6. Dr. M. Chakkarapani Assoc. Professor, Dept. of EEE, MITS.

7. Dr. Lakshmanan S. A. Sr. Asst. Professor, Dept. of EEE, MITS. Chairman Al Ram
Member

Member

Member

Member

Member

8. Dr. Pavan Kumar AV

Member Part

Sr. Asst. Professor, Dept. of EEE, MITS.

9. Dr. Hira Singh Sachdev

Sr. Asst. Professor, Dept. of EEE, MITS.

HoD, welcomed the members of the committee who had assembled for reviewing the assessment method of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) for the EEE department.

The following points were discussed during the meeting and the minutes were recorded as below,

### A. B.Tech. – II year II semester

- 1. The attainments of all the COs for the course Electromagnetic Theory (MOOCs) is below the target level. The committee members have suggested to avoid MOOCs for analytical courses. The committee members have also suggested class room course for the same from next batch onwards.
- 2. The attainment of CO1 and CO3 for the course Microprocessors & Interfacing are 55% and 58% respectively. Attainments of all other COs are more than the target level. The committee members have suggested that the attainment of CO1 can be achieved to the targeted level through more numerical practice on logical operators. The committee members have suggested to demonstrate about the practical implementation/ application of 8086 microprocessor to reach the targeted attainment of CO3.
- 3. In the course Analog Electronics the attainment of CO4 is 59%. Attainments of all other COs have reached the target level. The committee members have suggested that the attainment of CO4 can be increased through more focus on the industrial application of filters, amplifiers, special converters and sensors. The committee members have also suggested that the animated demonstration on working principle of converters can help in better understanding of the concept and also can help in achieving the target levels.

#### B. B.Tech. - III year II semester

The attainment of each COs for all the courses has been achieved the targeted level successfully.

### C. B.Tech. - IV year II semester

The attainment of each COs for all the courses has been achieved the targeted level successfully.

#### D. Industrial Visits and Guest Lecture

The committee members have suggested that the Industrial visits can be arranged to understand the importance of subjects like special electrical machines. As per the suggestions of the committee members the guest lectures on the industrial application and importance of the subjects like Microprocessors & Interfacing and Analog electronics can improve the attainment of the COs.



- F. Committee members have discussed about existing R14 courses and also given suggestions to
- G. As per the IDC members suggestions, a new course Design of Photovoltaic Systems in added

H. Committee members have discussed about R18 I year I and II semester courses.

PAC Chairperson HOD/EEE

### Copy to

- The Principal
- Vice Principal Academics
- Program Assessment Committee
- Department File

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