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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)

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First Recognized Research Centre under JNTUA, Recognized as SIRO by DSIR



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 18.11.2021

Circular

It is hereby informed to all the members of Program Assessment Committee (PAC) that 10th Program Assessment Committee (PAC) Meeting is scheduled on 22-11-2021, Monday, 11:00 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. Assessment of previous results and analysis of Course outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs), for the academic year 2019-20, II semester subjects and for academic year 2020-21, I semester subjects.
2. Analysis of Overall PO's and PSO's attainment of 2016 – 20 batch.
3. Discussion on assessment methods to achieve attainment level in R-14 Regulation for UG syllabus.
4. Discussion on department vision and mission, if it is in line with institutional vision mission, POs, PEOs and PSOs or not?
5. Discussion on existing R18 courses
6. Discussion on R20 II year courses.
7. Any other matter with the permission of the chair.

Pavan
Dr. A V Pavan Kumar.
HoD/EEE

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

1. Dr. Pavan Kumar AV *Pavan*
2. Dr. C. Kamal Basha
3. Dr. M Vaigundamoorthi
4. Dr. Rajendraprasad Narne
5. Dr. M Vijay
6. Dr. Pratap Ranjan Mohanty
7. Dr. Arijit Bardhan Roy
8. Mr. Rajesh K S *RK*



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P.B.No. 14, Angallu, Madanapalle – 517325, Chittoor Dist., Andhra Pradesh, India.
www.mits.ac.in Phone: 08571-280255, 280706 Fax: 08571 – 280433

Department of Electrical & Electronics Engineering

Date: 18.11.2021

Composition and approval of 10th Program Assessment Committee (PAC)

Following members are nominated and approved for constitutions of 10th Program Assessment Committee (PAC).

- | | |
|--|----------|
| 1. Dr. A V Pavan Kumar
HoD, Dept. of EEE, MITS. | Chairman |
| 2. Dr. C. Kamal Basha
Professor, Dept. of EEE, MITS. | Member |
| 3. Dr. M Vaigundamoorthi
Professor, Dept. of EEE, MITS. | Member |
| 4. Dr. Rajendraprasad Narne
Assoc. Professor, Dept. of EEE, MITS. | Member |
| 5. Dr. M Vijay
Assoc. Professor, Dept. of EEE, MITS. | Member |
| 6. Dr. Pratap Ranjan Mohanty
Sr. Asst. Professor, Dept. of EEE, MITS. | Member |
| 7. Dr. Arijit Bardhan Roy
Sr. Asst. Professor, Dept. of EEE, MITS. | Member |
| 8. Mr. Rajesh K S
Asst. Professor, Dept. of EEE, MITS. | Member |

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.

Pavel

HoD/EEE

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

Copy to

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

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Principal
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Department of Electrical & Electronics Engineering

Date: 22.11.2021






Minutes of 10th Program Assessment Committee (PAC) Meeting Held on 22-11-2021

In continuation with the previous meeting dated 04th November, 2020, PAC has been assembled on 22nd November, 2021 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:

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5. Discussion on existing R18 courses.
6. Discussion on R20 II year courses.
7. Any other matter with the permission of the chair.

Members Present:

- | | | |
|--|----------|--|
| 1. Dr. A V Pavan Kumar
HoD, Dept. of EEE, MITS. | Chairman |  |
| 2. Dr. C. Kamal Basha
Professor, Dept. of EEE, MITS. | Member | |
| 3. Dr. M Vaigundamoorthi
Professor, Dept. of EEE, MITS. | Member |  |
| 4. Dr. Rajendraprasad Narne
Assoc. Professor, Dept. of EEE, MITS. | Member |  |
| 5. Dr. M Vijay
Assoc. Professor, Dept. of EEE, MITS. | Member | |
| 6. Dr. Pratap Ranjan Mohanty
Sr. Asst. Professor, Dept. of EEE, MITS. | Member |  |
| 7. Dr. Arijit Bardhan Roy
Sr. Asst. Professor, Dept. of EEE, MITS. | Member | |
| 8. Mr. Rajesh K S
Asst. Professor, Dept. of EEE, MITS. | Member |  |

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,

AY:2019-20

A. B.Tech. – II year II semester

1. The attainments of CO₁, CO₂, CO₃ and CO₅ for the course Induction and Synchronous Machines are 44%, 50%, 50% and 56% respectively. Attainments of CO₄ is more than 60%. The committee members have been suggested to solve more numerical problems in class and remedial classes for identified weak students to enhance the attainment of CO₁, CO₂, CO₃ and CO₅.
2. The attainments of CO₄ for the course Digital Electronics is 59%. Attainments of all other COs are more than 60%. The committee members have suggested giving separate assignment for that particular unit can help to reach the attainment of CO₄.
3. The attainment of all COs (CO₁-CO₅) in the course are attained. So, the committee members have suggested increasing the target value from 65 % to 70% for the particular course which have 70% and above attained.

B. B.Tech. – III year II semester

1. The attainments of CO₁, CO₂ and CO₃ for the course Digital Signal Processing are 54%, 46% and 58% respectively. Attainments of all other COs are more than 60%. The committee members have suggested for remedial classes focused on practice of more numerical to attain the target of CO₁ and CO₂. The committee members have suggested that the attainment of CO₃ can be improved by solving numerical from previous university question papers and giving more assignment problems.

AY: 2020-21

C. B.Tech. – IV Year I semester

1. The attainment of CO₅ for the course Electrical Drives is 57%. Attainments of all other COs are more than 60%. The committee members have suggested solving numerical in the class to improve the attainment of CO₅. Modify the content delivery methods to make the concepts clear by taking real time examples.
2. The attainment of CO₂ for the course Power Quality is 53%. Attainments of all other COs are more than 60%. The committee members have been suggested to give more assignment problems to increase the attainments of CO₂.

D. Attainment of POs and PSOs for B. Tech: 2016-2020 Batch (Third Autonomous Batch)

The attainment of all the POs (PO₄ and PO₇) is level 1, (PO₁-PO₃, PO₅-PO₆, PO₈-PO₁₂) is level 2 and PSO₁ is level 1 and PSOs (PSO₂, PSO₃) is level 2 for the B.Tech batch of 2016-2020. All POs and PSOs have been successfully attained above level 1. The committee members have suggested that the target value of POs and PSOs can be set to level 2 for the 2017-2021 B.Tech batch with the approval of BoS committee.

E. Guest Lecture and Workshop

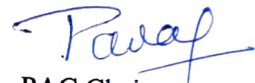
The committee members have suggested that the guest lectures on the industrial application and on the importance of the subjects like Digital Electronics, Digital Signal Processing and Power Quality can improve the attainment of the COs. The committee members have also suggested to conduct workshops and hand-on training for industrial tuning of the subjects like Induction and Synchronous Machines and Electrical Drives to achieve COs more than the target level.

F. The Committee members have not suggested any modification in the department vision & mission as it is in line with the institutional vision & mission, POs, PEOs and PSOs.

G. Committee members have discussed about R18 courses and R20 II year courses.

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



PAC Chairperson
HOD/EEE

Head of the Department
Electrical & Electronics Engineering
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Principal
Madanapalle Institute of
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