



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Date : 05/07/2019

**Program Assessment Committee (PAC)**

The PAC has been formed for monitoring of different departmental activities. The PAC consists of HOD and faculty members of the department, who periodically monitor the departmental activities and evaluate different parameters.

Composition and approval of PAC:

The following members are nominated and approved for constitution of Program Assessment Committee for the AY – 2019 – 2020.

Sl. No	Name of the Faculty members	Designation	Position of PAC
1	Dr. M. Sreedevi	Professor	Chairperson
2	Dr. Prahlada Rao B.B	Professor & Dean	Member
3	Dr. Mahaboob Basha Shaik	Professor & Head	Member
4	Dr. P.Kuppusamy	Professor	Member
5	Dr. Veningston	Associate Professor	Member
6	Dr. K. Saravanan	Associate Professor	Member

Roles and responsibilities of the PAC:

1. Monitoring the achievements of Course Outcomes (COs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs).
2. Suggesting way and means to reduce the curriculum gaps in achieving PO's and PSO's.
3. Evaluating program effectiveness and proposing necessary changes.
4. Measuring the extent of adherence to planned activities and calendar of events.
5. Preparation of periodic reports, records on program activities, progress and status reports.

  
HOD/CSE

  
Principal

Copy to :

1. The Principal
2. Vice Principal Academics
3. PAC Members
4. Department File



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

Affiliated to JNTUA, Anantapur & Approved by AICTE, New Delhi  
Recognised Research Center  
Accredited by NBA for CSE, ECE, EEE & ME  
World Bank funded Institute  
Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956  
Recognised as Scientific & Industrial Research Organization by DSIR of DST

**Department of Computer Science & Engineering**

**Circular**

**Date: 12/07/2019**

An inspiration session will be conducted on 26/07/2019 in the CSE Seminar hall (WB219) at 10.00 AM. All the PAC members and stakeholders are requested to attend the session.

**Agenda of the meeting:**

- Discuss about the PO/PSO attainment of 2019 passed out batch.
- Action plan to improve the PO/PSO attainment.

**PRINCIPAL**

Madanapalle Institute of Technology & Science  
P.O. Box NO 14, Kadiri Road, Angallu  
MADANAPALLE 517 325 A P

**Dr. M. Sreedevi,  
Professor,  
Department of CSE.**

Copy to:

Department Office,



### Department of Computer Science & Engineering

The direct and indirect attainment level for the academic year 2019-2020 [Batch: 2015- 2019]  
is as given below

Target level :75

POs/PSOs		Direct Attainment	Indirect Attainment			Total Attainment
			Employer Survey	Alumni Survey	Graduation Exit Survey	
PO1	Engineering Knowledge	75	76	75	85	76
PO2	Problem Analysis	75	71	71	82	76
PO3	Design/development of solutions	74	58	54	84	74
PO4	Conduct investigations of complex Problems	75	95	92	80	78
PO5	Modern tool usage	75	73	73	72	76
PO6	The engineer and society	75	71	70	84	75
PO7	Environment and sustainability	76	74	75	68	77
PO8	Ethics	75	75	73	70	76
PO9	Individual and team work	73	80	79	83	75
PO10	Communication	77	73	73	81	78
PO11	Project management and finance	75	66	67	74	75
PO12	Life-long learning	76	77	76	81	77
PSO1	Computing Knowledge	75	73	71	82	77
PSO2	Software Design	74	63	61	78	75
PSO3	Analyze Real world Problems	74	70	69	76	75

  
Programme Coordinator

  
PRINCIPAL

  
HOD



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## Department of Computer Science & Engineering

### PAC Minutes of Meeting

An inspiration session has been held on 26/07/2018 in the CSE Seminar hall (WB219) at 10.00 AM with Dr. M. Sreedevi, Professor, as Chair to discuss about the PO/PSO attainment and plan action for improvement.

#### During the meeting following points were discussed:

- PO/PSO attainment for the passed out batch 2019 is submitted.
- Discussed about the attainment and identified that PO3 didn't meet the target level.
- Discussed about the action plan for the improvement of PO/PSO
- Dr R Kalpana, Professor emphasized on the final year students could be encouraged to attend full semester internship with project work during IV/II semester in reputed research organizations/institutions.
- Dr K Saravanan, Assoc. Professor emphasized on Internet of Things theory and practical courses could be added in the curriculum that improve the students practical knowledge in IoT.
- Prof. T. Sreenivasulu Reddy, Academic Expert encouraged that final year students can do industrial projects during the internship.
- Mr. M. Lokesh Kumar Rao, Industry Expert suggested that the students could be motivated to work with multi-disciplinary projects to fulfill the societal requirements.
- Mr. Aslam basha, Alumnus encouraged that assignments could be given in the machine learning, big data analytics and cloud computing to aware of working principles.
- Parents suggested some activities like interactive classroom, career development etc. for improvement in enhancing the attainment levels
- Based on the discussion, PAC suggested the action plan for improvement in attainment levels of POs/PSOs and it is listed below.



Action plan for the Academic Year 2019-2020

PO / PSO		Suggestion for Improvement
PO1	Engineering Knowledge	<ol style="list-style-type: none"> <li>1. We inspire the students to participate in technical events where they gain the knowledge of application of fundamental science and engineering</li> <li>2. Guest lecture is conducted in basic engineering subjects to enhance the knowledge of Students.</li> </ol>
PO2	Problem Analysis	<ol style="list-style-type: none"> <li>1. Incorporation of more numerical problems during their regular lectures</li> <li>2. Include design based experiments in lab</li> </ol>
PO3	Design/ development of solutions	<ol style="list-style-type: none"> <li>1. Industry inputs in curriculum development to be continued.</li> <li>2. Industry personnel to be invited to deliver lectures in the area of design and simulation.</li> <li>3. Special Courses in programming languages are conducted to improve the skills of developing computer based solution.</li> </ol>
PO4	Conduct investigations of complex Problems	<ol style="list-style-type: none"> <li>1. Discussion on current journal papers in the class or as assignment problems.</li> <li>2. Statistical techniques to be included in students project work if required.</li> <li>3. Motivate more students at lower semester to take up research projects, attend conferences and publish papers.</li> </ol>
PO5	Modern tool usage	<ol style="list-style-type: none"> <li>1. Latest software tools are installed in computer laboratory</li> <li>2. Industry suggestions are collected for curriculum development.</li> </ol>
PO6	The engineer and society	<ol style="list-style-type: none"> <li>1. Awareness among students to establish link between society and engineering.</li> <li>2. Students were motivating to take part in social events such as Blood donation camp etc.</li> </ol>
PO7	Environment and sustainability	<ol style="list-style-type: none"> <li>1. Students were involved in projects related to global and environmental issue solutions.</li> <li>2. Case studies are given to students to expose the knowledge on factors affecting environment sustainment</li> <li>3. Field visit to industry to understand the software strategies.</li> </ol>
PO8	Ethics	<ol style="list-style-type: none"> <li>1. Invite eminent personnel from law institute for guest lecture on Patent Laws for both faculty and students.</li> </ol>
PO9	Individual and team work	<ol style="list-style-type: none"> <li>1. Students are given group assignments and minor projects to groom the individual and teamwork skills.</li> <li>2. To conduct with students project in team.</li> </ol>
PO10	Communication	<ol style="list-style-type: none"> <li>1. To continue with students presentation, seminars and defense of dissertation.</li> <li>2. Group discussions, seminars, presentations, defense of dissertation and soft skills training programs are organized to enhance the aspects of communication/skills.</li> </ol>
PO11	Project management and finance	<ol style="list-style-type: none"> <li>1. To continue with the students project work as a team and encourage them to work with other departments.</li> <li>2. In project work, management aspects and financial aspects are instructed and monitored</li> </ol>
PO12	Life-long learning	<ol style="list-style-type: none"> <li>1. Discuss Journal papers in the relevant and current areas.</li> <li>2. Importance of life long learning is imported to the students in</li> </ol>

		<p>the subjects</p> <p>3. Assignments to be based on current areas for development.</p>
PSO1	Computing Knowledge	<p>1. Academic workshops were organized to enhance the knowledge of students</p> <p>2. Invite eminent speakers to deliver lectures on current and cutting edge technologies.</p>
PSO2	Software Design	<p>1. Invited lectures from industry personnel to deal with case studies on design, simulation and optimization.</p> <p>2. Two phase of projects available in curriculum. Students are encouraged to design and develop software in their project work.</p>
PSO3	Analyze Real world Problems	<p>1. More students are encouraged to select real world problems and provide solution for Smart India Hackathon and Hacker earth.</p> <p>2. Importance of real world problems is imported to the students in the subjects</p>

The following members of the Programme Assessment Committee ( PAC ) were present:

S. No.	Name	Designation	Signature
1	Dr. Prahlada Rao B.B.	Professor and Dean	
2	Dr. Mahaboob Basha Shaik	Professor	
3	Dr. M. Sreedevi	Professor	
4	Dr. Kuppusamy	Professor	
5	Dr. Venington .K.	Assoc. Professor	
6	Dr. K. Saravanan	Assoc. Professor	

The following members of the stakeholders were present:

S. No.	Name	Designation	Signature
1	T. Sreeniketu Reddy	Academic Expert	
2	M. Lokesh Kumar	Industry Expert	
3	Aslam Basha	Software Engineer, Wipro	
4	Balaji	Software Engineer, Infosys	
5	Athiyasaka	Software Engineer, Wipro	
6	S. Tajbasha	Parent	
7	Dr. V. Anu	Assoc. Professor	
8	Dr. Divakar Tripathi	Sr. Asst. Prof.	
9	Dr. P. Sudhakar	Sr. Asst. Prof.	
10	Dr. D. Chandramohan	Asst. Prof.	
11	Dr. M. Ramprasad	Asso. Prof	
12	Dr. Koppale Gunasevil	Sr. Asst. prof	
13	Dr. D.J. Ashwin Prasi	Assistant Professor	
14	Dr. A. Vishnu Priya	Assistant Professor	
15	Dr. B. Ramachandra Reddy	Sr. Asst Professor	
16	Dr. G. Anurkuma	Asso. Prof	

PAC Chairman  
(Dr. M. Sreedevi, Professor)