



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date : 20/07/2022

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 – 2022 – 23.

Sl. No	Name of the Faculty members	Designation	Position of PAC
1	Dr. R. Kalpana	Professor & Head	Chairman
2	Dr. Mahaboob Basha Shaik	Professor	Member
3	Dr. D. Jagadeesan	Professor	Member
4	Dr. R. Nidhya	Professor	Member
5	Dr. R. Sudhakar	Associate Professor	Member
6	Dr. G. Arun Kumar	Associate Professor	Member
7	Dr. D. J. Aspin Pabi	Assistant Professor	Member
8	Dr. P. Ramanathan	Professor	Member (External)

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

PRINCIPAL
Madanapalle Institute of Technology & Science
PO Box NO. 14, Kadiri Road, Angali
MADANAPALLE - 517 325 A.P.

Copy to :

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



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Circular

Date: 06/09/2022

An inspiration session will be conducted on 15/09/2022 in the CSE HoD cabin (WB 306) 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 2022 passed out batch.
- Action plan to improve the PO/PSO attainment.

Dr. R. Kalpana,
Professor & Head,
Department of CSE.

Head of the Department:
Computer Science & Engineering
Madanapalle Institute of Technology & Science
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Copy to:
Department office.





PAC Minutes of Meeting

An inspiration session has been held on 15/09/2022 in the CSE HoD cabin (WB 306) at 10:00 AM with Dr. R. Kalpana, Professor & Head, as a Chair to discuss about the PO/PSO attainment and plan action for improvement.

During the meeting the following points were discussed:

- PO/PSO attainment for the passed out batch 2022 is submitted.
- Discussed about the attainment and identified that some of the PO didn't meet the target level.
- Discussed about the action plan for the improvement of PO/PSO.
- Dr. R. Kalpana, Professor emphasized on the attainment variation is due to pandemic time.
- Dr. Mahaboob Basha Shaik has underscored the significance of encouraging final year students to partake in semester-long internships during their fourth year second semester of study in prestigious research organizations or institutions.
- Dr. G. ArunKumar has emphasized the significance of incorporating practical Deep Learning courses into the curriculum as a means to enhance student's practical comprehension of Artificial Intelligence (AI).
- Dr. R. Sudhakar has advocated for the inclusion of industrial projects in the internships of final-year students brings potential advantages like practical exposure, Application of academic knowledge, Skill enrichment, portfolio enhancement, Career Readiness and Industry Contribution.
- Dr. D. J. Ashpin Pabi has proposed the implementation of diverse co-curricular activities, including paper presentations, technical quizzes, and project reviews, as a means to benefit students.
- Dr. R. Nidhya has suggested the integration of case studies involving cutting-edge tools and technologies to raise awareness among students regarding modern advancements.
- Based on the discussion, PAC suggested the action plan for the improvement in attainment levels of POs/PSOs and it is listed below.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The direct and indirect attainment level for the academic year 2022-2023 [Batch: 2018-2022] is as given below:

Target Level: 77

POs/PSOs		Direct Attainment	Indirect Attainment			Total Attainment
			Employer Survey	Alumni Survey	Graduation Survey	
PO1	Engineering Knowledge	82	98	98	97	85
PO2	Problem Analysis	80	98	96	97	83
PO3	Design/Development of Solutions	73	99	95	97	78
PO4	Conduct Investigations of Complex problems	75	96	95	97	79
PO5	Modern tool usage	76	94	95	98	80
PO6	The Engineer and Society	79	93	93	97	82
PO7	Environment and Sustainability	78	98	94	97	82
PO8	Ethics	70	98	95	97	75
PO9	Individual and Team work	73	94	93	97	78
PO10	Communication	79	89	96	97	82
PO11	Project Management and Finance	78	96	95	97	82
PO12	Life-long Learning	73	97	96	97	78
PSO1	Computing Knowledge	80	94	95	97	83
PSO2	Software Design	75	94	95	97	79
PSO3	Analyze Real World problems	76	97	98	97	80


Program Coordinator

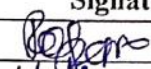
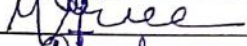
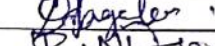
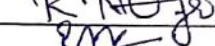
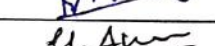
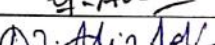


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Action plan for the Academic Year 2022 - 2023

POs/PSOs		Suggestions
PO1	Engineering Knowledge	<ol style="list-style-type: none"> Remedial lectures are scheduled for students who may require additional support due to academic challenges. Arranged workshop program and training for students to acquire technical knowledge.
PO2	Problem Analysis	<ol style="list-style-type: none"> Include Artificial intelligence based experiments in lab.
PO3	Design/Development of Solutions	<ol style="list-style-type: none"> Industry personnel to be invited to deliver lectures in the domain of design and simulation. Conduct dedicated courses in programming languages to enhance student's proficiency in creating computer-based solutions.
PO4	Conduct Investigations of Complex problems	<p>Faculty was instructed:</p> <ol style="list-style-type: none"> Commence mini projects during third year second semester. Inspire all final year students to engage in research endeavors, participate in conferences, and contribute to paper publications.
PO5	Modern tool usage	<ol style="list-style-type: none"> Latest software tools are installed in computer laboratory. Case studies can be given to students in latest tools and technologies.
PO6	The Engineer and Society	<ol style="list-style-type: none"> Organize industrial visits to gain insights into how engineers address societal needs.
PO7	Environment and Sustainability	<ol style="list-style-type: none"> Students actively engaged in projects aimed at addressing global and environmental challenges. Case studies are to be given to expose the knowledge on factors affecting environment sustainability.
PO8	Ethics	<ol style="list-style-type: none"> Students are encouraged to become member in professional organization to know the ethics of different professional bodies. Invite eminent personnel from Law institute for guest lecture on Patent Laws for both faculty and students.
PO9	Individual and Team work	<ol style="list-style-type: none"> Students are assigned group projects and minor tasks to nurture both individual and teamwork skills. Facilitate collaborative student projects as a team effort.
PO10	Communication	<ol style="list-style-type: none"> Group discussions, seminars, presentations, dissertation defenses, and soft skills training programs can be organized to improve communication skills.
PO11	Project Management and Finance	<ol style="list-style-type: none"> To continue with the students project work as a team and encourage them to work with other departments. Within project work, to provide guidance and oversight on management and financial aspects.
PO12	Life-long Learning	<ol style="list-style-type: none"> Engage in discussions on journal papers within the context of relevant and contemporary areas. Instill the significance of lifelong learning to students across various subjects.

PSO1	Computing Knowledge	1. Workshops, Seminars and guest lecturer can be organized to enhance the knowledge of students.
PSO2	Software Design	1. Software design based experiments can be included in laboratories 2. Technical training can be conducted on languages like Python and Java.
PSO3	Analyze Real World problems	1. In project work, encourage the students to take real world problems to find the feasible solutions. 2. Educate students about the significance of cutting-edge technology and organize workshops focused on the latest advancements

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

S. No	Name	Designation	Signature
1	Dr. R. Kalpana	Professor & Head	
2	Dr. Mahaboob Basha Shaik	Professor	
3	Dr. D. Jagadeesan	Professor	
4	Dr. R. Nidhya	Professor	
5	Dr. R. Sudhakar	Associate Professor	
6	Dr. G. Arunkumar	Associate Professor	
7	Dr. D. J. Ashpin Pabi	Assistant Professor	


PAC Chairman
(Dr. R. Kalpana, Professor)

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