



# SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

Department of Mechanical Engineering

Ref.:PA&QIC/2021/08

Date: 08.07.2021

## Circular

All Program Assessment & Quality Improvement Committee members are requested to attend the Meeting on 08.07.2021 (Thursday) at 10.30 AM with the following agenda.

Agenda:

- Dissemination of Vision, Mission, PEO, PSO and PO.
- Attainment of POs, PSOs and Quality Objectives.
- Program effectiveness.
- Changes/revisions needed (if any).
- Reports on program activities, progress and status
- Documentation of activities leading to quality improvement.
- Faculty and students motivation — participation in workshops etc.
- Projects, working models, paper publications/presentations and research.
- Odd Semester result analysis.
- Others

Venue: Mechanical Department H.O.D Room

  
HOD



  
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Copy to: 1) All faculty members through e-mail for needful action

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Shadan College of Engineering & Technology  
Peeran Cheru, Hyderabad-86, T.S.  
College Code: 08



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ACADEMIC YEAR 2020-2021

## ESTABLISHMENT OF PROGRAM ASSESSMENT AND QUALITY IMPROVEMENT COMMITTEE

DEPARTMENT	MECHANICAL
CONVENOR	Dr. NASEEB KHAN, HOD/MECH
MEMBERS	Dr.AFROZ MEHER PROF/MECH
	Dr.M SUBBURAJ PROF/MECH
	Dr. JOTHI KUMAR PROF/CSE
	SHAIK AMEER HUSSAIN,AP/CIVIL
	DR.RAVINDER- KORANI, PROF/ECE
	D SUNIL KUMAR AP/EEE
	Dr.MD.NIZAM HOD/MATHS

Scet Iso Coordinator

Copy To

- 1) All HODs/Dept,NBA Coordinators/Members through e-mail for information and needful action
- 2) ISO File

Principal



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Department of Mechanical Engineering

ACADEMIC YEAR 2020-2021

## Report of the Minutes of Meeting of PA&QIC Meeting – I

**Date of Meeting:** 08.07.2021(Thursday) 10.30 AM

**Time of meeting:** 10.30 AM to 3.30 PM

**Reference:** PA&QIC Meeting /2021

**Members Present:**

No.	Name of the Faculty Member	Designation	PAQIC
01	Dr. NASEEB KHAN	Professor and Head/Mechanical	Convenor
02	Dr. AFROZ MEHER	Professor/Mechanical	Member
03	Dr. M SUBBURAJ	Professor/Mechanical	Member
04	Dr. JOTHI KUMAR	Professor/CSE	Member
05	SHAIK AMEER HUSSAIN	AP/Civil	Member
06	Dr. RAVINDER-KORANI	Professor/ECE	Member
07	D SUNIL KUMAR	AP/EEE	Member
08	Dr. MD NIZAM	Professor/H&S	Member
09	D. DINESH YADAV	AP/Mechanical	Representative
10	MIRZA SHOEB AHMED BAIG	AP/Mechanical	Representative
11	RAVINDER NILANKER	AP/Mechanical	Representative
12	YARRAIAH GONA	AP/Mechanical	Representative
13	ABDUL RAHMAN	AP/Mechanical	Representative
14	ASFAN MOHIUDDIN	AP/Mechanical	Representative
15	MOHAMMEDSIDDIQUE	AP/Mechanical	Representative
16	MOHD HABEEB ALI	AP/Mechanical	Representative
17	MOHD MUDASSIR AHMED	AP/Mechanical	Representative
18	MD. MAKHDOOM MOHIUDDIN	AP/Mechanical	Representative
19	RAVI PRAKASH	AP/Mechanical	Representative
20	MOHD SOHAIL	AP/Mechanical	Representative
21	NEELA RAJA SRIKANTH	AP/Mechanical	Representative
22	MOHD MOHIUDDIN	AP/Mechanical	Representative
23	SYED SALMAN MOHIUDDIN QUADRI	AP/Mechanical	Representative

## **1.DISSEMINATION OF VISION, MISSION, PEO AND PSO**

**Presenter: Mr. ASFAN MOHIUDDIN, AP/Mechanical**

The Vision and Mission statements, PEO and PSO statements of the department and the procedure followed to frame the same were presented to the PAQIC members.

### **Vision of the Department:**

- To nurture and establish outstanding leadership in Mechanical Engineering to harness research for the enrichment of the whole society.

### **Mission of the Department:**

- To impart quality education in Mechanical Engineering by eminent faculty so as to transform the students into successful professionals.
- To mentor all the students of diverse backgrounds to excel through continuous learning and following the ethics.

### **Programme Educational Objectives:**

- To prepare students for successful careers in Indian and multinational industries/companies engaged in thermal systems, manufacturing processes, machine design and the related fields.
- To develop the ability among students to understand and synthesize data/information and technical concepts for application to product/system/process design.
- To prepare students to be able to work as part of teams on multidisciplinary projects involving professional ethics and codes of professional practice.
- To develop the ability among the students for taking research/teaching assignments.

### **Programme Specific Outcomes:**

- Demonstrate basic knowledge of mathematics, sciences, and mechanical engineering and essential computational techniques/procedures that aid in problem-solving and be in a position to face competitive examinations.
- Identify, critically analyze, formulate, and solve mechanical engineering problems.



- Design a system, a component, or a process in the domain of mechanical engineering, prepare a model, conduct experiments, analyze and interpret data.
- Visualize and work in engineering and science laboratories on multidisciplinary tasks as teams, conduct investigations, and solve complex problems.
- Use modern engineering tools, equipment, processes, and state-of-the-art software packages on modeling and analysis for solving problems.
- Demonstrate an understanding of the impact of engineering solutions on society to ensure that no ill effects befall, and also be aware of contemporary issues.
- Understand the impact of engineering solutions on the environment to mitigate any ill effects and ensure the sustainability of solutions arrived at.
- Possess knowledge, understanding, and application of professional and ethical responsibilities and human values in all professional transactions.
- Utilize the ability to work as individuals as well as team members on engineering problems and be able to understand group dynamics and play their role appropriately in the group and develop entrepreneurial skills.
- Communicate effectively in both verbal and written form.
- Administer and execute projects with an emphasis on time management, financial management, and personnel management.
- Develop a penchant for self-education, inclination for updating with developments, participate in professional societies, interact with stalwarts in the field, and continue life-long learning.

### **Formulation procedure:**

The Vision and Mission of the Department is developed in line with the Vision and Mission of the Institute. The Department of Mechanical Engineering has established its vision and mission through a consultative process involving the stakeholders of the programme including Management, Governing Council members and faculty members.

Inputs from Internal stake holders and External stake holders, by referring the reputed technical institutes websites, Expectations and needs of students, parents, society and industry are considered for establishing the vision and mission of the department.

Formulated Vision and Mission statements duly recommended by the Head of the Institution were presented.

**Modes of Dissemination:**

The member explained the Publishing Modes of Vision, Mission and PEO's in the College Official Website, HoD Cabin, Notice Board, Class rooms, Faculty Halls, Laboratories, Lab Manuals, Seminar Hall, Students Handbook, Department Newsletters.

**Remarks from Members:**

The process and procedure of defining Vision and Mission of the department is established and disseminated with the aid of flow chart.

The PA&QIC members recommended, collecting the suggestions on Vision, Mission, PEO's and PSO's statements from the experts who visit the department for workshops, guest lectures, etc.