



NANDHA ENGINEERING COLLEGE

(Autonomous)
ERODE- 638 052



Department of Mechanical Engineering

NEC/MECH/PAC-01/2023-24 (ODD)

DATE: 21.07.2023

CIRCULAR

Originator:
Chairman- PAC

Circulated to:
Members of PAC & All faculty members

Sub: Programme Assessment Committee (PAC) meeting:

The PAC meeting is scheduled on **24.07.2023** to discuss the agenda listed below. In this connection, all the PAC members are requested to attend the meeting.


Date & Time of Meeting: **24.07.2023 (12.30PM)**

Venue: **Meeting Hall**

AGENDA	
Dissemination of vision and mission of the department	
VISION	<ul style="list-style-type: none">To be recognised as a centre of excellence in the field of Mechanical Engineering and to produce competent engineers with multi-disciplinary exposure to meet the changing needs of the society.
MISSION	<ul style="list-style-type: none">To enrich technical knowledge and skills by imparting quality education with ethics and social responsibility.To empower the students in the thrust areas of Mechanical, Allied Engineering and Entrepreneurship in the continually changing global market.To provide a conducive learning environment for improving continually to cater the needs of the society.
Item 1.01	Review of the previous PAC meeting minutes
Item 1.02	Review of Zeroth Course Co-ordinator Meeting Minutes for all courses.
Item 1.03	Discussion on R22- I semester UG all courses Result Analysis & PO, PSO attainment.
Item 1.04	Discussion on R22 II semester CAT I attainment and Action Taken Report for slow and advanced learners.
Item 1.05	Discussion on department activities plan - Co-curricular and extracurricular activities
Item 1.06	Discussion on Placement and Training activities for III and IV year students
Item 1.07	Discussion on Feedback collected - Class Committee Meeting (CCM), parents meeting, Alumni and Mid sem feedback (I, II, III & IV year)-reports, analysis and action taken.
Item 1.08	Discussion on PBL Courses. (Selected Projects to be submitted to CiPD for Innovation day)
Item 1.09	Discussion on Research and development Activities (Fixing the target for Consultancy and Research grant)
Item 1.10	Discussion on PAD's form eligibility.
Item 1.11	Any other matter

To

- All members of PAC,
✓ All Faculty members,
✓ File (O/o Head)


CHAIRMAN - PAC
HEAD OF THE DEPARTMENT
DEPARTMENT OF MECHANICAL ENGINEERING,
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MINUTES OF THE PROGRAMME ASSESSMENT COMMITTEE MEETING

Name of the Body	PROGRAMME ASSESSMENT COMMITTEE (PAC)	
Department	Mechanical Engineering	
Meeting No.	01	2023-2024
Date & Time	24-07-2023 & 12.30 PM	

Disseminated the vision and mission of the department	
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HEAD OF THE DEPARTMENT
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The proceedings of PAC started and the minutes of the meeting are recorded as follows:

The Chairman of the PAC Dr. M. Easwaramoorthi, HoD - Mech, welcomed the members followed by the introduction of members.

Item 1.01	Review of the previous PAC meeting minutes.														
	The previous PAC meeting minutes were reviewed.														
Item 1.02	Review of Zeroth Course Co-ordinator Meeting Minutes for all courses by heads of the department.														
Discussion	Dr. MEM reviewed the Course coordinator meeting minutes and suggested to ensure the details of discussions about fixing targets of CO & PO, attainment of CO & PO and remedial measures taken for improvement during the course co-ordinators meeting and recording the same in minutes of meetings to satisfy the NBA / NAAC requirements.														
Resolution	Resolved to record.														
Item 1.03	Discussion on R22- I semester UG & PG all courses Result Analysis & PO, PSO attainment.														
Discussion	Course Code	Appeared	PASS	ABSE NT	FAIL	PASS %	CO1	CO2	CO3	CO4	CO5	Course Target			
	22EYA01	50	44	1	6	88.00%	67.6	69.47	64.13	63.33	64.13	70%			
	22MYB01	50	27	1	23	54.00%	43	39	39	43	40	70%			
	22CYB02	50	42	1	8	84.00%	65	65	66	50	74	70%			
	22EEC02	50	45	1	5	90.00%	55.25	71.48	63.59	71.14	63.14	70%			
	22MEC02	50	43	1	7	86.00%	77	77.33	91.33	77	64.33	70%			
	End semester result and attainment analysis I Year (I Semester) 2022 - 2023														
	22EYA01 Professional Communication-I - (CO-1 to CO-5) not attained.														
	22MYB01 Calculus and Linear Algebra - (CO-1 to CO-5) not attained.														
	22CYB02 Chemistry for Engineers - (CO-1 to CO-4) not attained.														
	22EEC02 Basic Electrical Engineering - CO-1 & CO5 not attained.														
	22MEC02 Engineering Graphics and drafting (Theory + Lab) - CO5 not attained.														
		P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	PSO1	PSO2
	22EYA01									66	66		44	44	
	22MYB01	41	27	27	14	14	13			14		21	27	27	14
22CYB02	43	32	64			21	28		29			43	19		
22EEC02	65	52	32	17	43	43	39	22	40	18	43	47	65	22	
22MEC02	77	76	75		77	77				77		76		77	
Attained															
22MEC02 Engineering Graphics and drafting (Theory + Lab) – P01, 02, 03, 05,06,10,12 & PSO 02 is attained.															
Non-Attained															
22EYA01 Professional Communication-I – P09, 10, 12 & PSO1 is not attained.															
22MYB01 Calculus and Linear Algebra – P01, 02, 03,04,05,06,09,11,12 & PSO1, 02 is not attained.															
22CYB02 Chemistry for Engineers – P01, 2,3,6,7,9,12 & PSO1 is not attained.															
22EEC02 Basic Electrical Engineering - P01 to P12 & PSO1, 2 is not attained.															
Resolution	Resolved to record.														



Item 1.04 Discussion on R22 II semester CATI attainment and Action Taken Report for slow and advanced learners.

AC presented 1st year, 2nd semester (2022-23 Even) semester CAT-2 result analysis, CO attainment, list of slow and advanced learners, and corrective/improvement measures.

CAT-1 result and attainment analysis I Year (2nd Semester) 2022 - 2023 (Even Semester)

Course Code	Appear	Present	Absent	Pass	Fail	Pass %	CO1	CO2	CO3	Course Target
22EYA02	51	50	1	49	1	98.00	50.00	66.60	33.30	70.00
22MYB02	51	50	1	35	15	70.00	61.19	66.34	27.61	70.00
22PYB04	51	50	1	41	9	82.00	68.70	63.00	27.30	70.00
22CSC01	51	49	2	37	12	75.51	39.00	38.00	33.00	70.00
22MEC03	51	49	2	36	13	73.47	44.44	42.85	33.33	70.00
22ECC03	51	49	2	30	19	61.22	49.20	46.40	35.50	70.00

% of Pass:

- Pass % in the following courses are found to be low.
- 2nd semester: 22ECC03 Basic Electrical Engineering (61%).

CO attainment:

- Attainments of COs of all courses are found to be low. Respective course handling faculty members were asked to analyze the reasons and take remedial measures to improve the pass percentage and CO attainment.

Slow learner's year wise student count as below.

- 1st year - 15 students
- Students identified as a slow learner were reviewed and faculty members are ask to conduct remedial class to improve the academic performance. Further it's informed to keep all documents related to slower learners and put up the improvement details in the next meeting.

Identification of advance learners year wise student count as below.

- 1st year – 07 students
- Faculty member are asked to motivate student to do online courses, undergo placement training, Internship, prepare for higher studies, participate in seminars/workshops/conference and put up details in the next meeting.

Resolution Resolved to record.

Item 1.05 Discussion on department activities plan - Co-curricular and extracurricular activities.

Month	ISTE(2)	IEI(3)	SAE(3)	SOME		
				International (1)	National (2)	State level (6)
JULY						Association Inaugural (Week 4)
AUG	Industrial Seminar (Week1)		Tier 1 Event			Academic Seminar (Week 4)
SEP		Teachers day Sep 5, Engineers Day Sep 15				Intra Dept Meet (Week 4)



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	OCT			Industrial Seminar (Week1)			Workshop (Week 4)
	NOV					SYMPOSIUM 2023 (Week 1)	
	DEC	Exam					
	JAN	Academic Seminar (Week 1)				Academic Seminar (Week 4)	
	FEB		Guest Lecture (week 1)				Industrial Seminar (Week4)
	MAR			Industrial Seminar (Week1)	International Conference /Seminar (Week 2)		
	APR						WORKSHOP (Week) 4
	MAY	Exam					
	Count	2	3	3	1	2	6
Resolution	Resolved to record.						
Item 1.06	Discussion on Placement and Training activities for III and IV year students.						
Discussion	<p>Placement co-ordinators presented the Final & Third Year placement training plan</p> <p><u>TRAINING PLAN FOR FINAL YEAR</u></p> <p><u>IT WILLING STUDENTS: 25</u></p> <ul style="list-style-type: none"> • Training on Aptitude, Logical Reasoning, Verbal communication and Software Programming • Tests in Examly portal <p><u>CORE WILLING STUDENTS:54</u></p> <ul style="list-style-type: none"> • Training CNC Programming at DMW, Perundurai from 10.07.2023 To 15.07.2023 - (6 Days) • Internship at Sakthi Auto Components from 24.07.2023 to 15.09.2023 <p><u>TRAINING PLAN FOR THIRD YEAR</u></p> <p><u>IT WILLING STUDENTS:</u></p> <ul style="list-style-type: none"> • Training on Aptitude, Logical Reasoning, Verbal communication and Software Programming <p><u>CORE WILLING STUDENTS:</u></p> <ul style="list-style-type: none"> • Training on Skill Lynk, Chennai from 07.08.2023 to 18.08.2023 (10 Days). <p>It is informed to monitor the placement training activities and update the feedback of the students to the head of the department time to time.</p>						
Resolution	Resolved to record.						
Item 1.07	Discussion on Feedback collected - Class Committee Meeting (CCM), parents meeting, Alumni and Mid sem feedback (I, II, III & IV year)-reports, analysis and action taken.						
Discussion	Dr. MEM shared the Mid sem feedback for first year – 2 courses has low average values. Class Committee Meeting (CCM), parents meeting, Alumni meeting feedback details presented in the next meeting. Further, requested faculty members to improve the teaching learning process and other aspects as mentioned in the feedback.						
Resolution	Resolved to record.						



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Item 1.08	Discussion on PBL Courses. (Selected Projects to be submitted to CiPD for Innovation day)								
Discussion	PBL Courses <ul style="list-style-type: none">• 3rd year / V semester – Fluid power systems – 26 batches• It is informed to make use of facilities available in the Centre for Innovation & Product Development (CiPD) and ensure the quality of projects and learning.								
Resolution	Resolved to record.								
Item 1.09	Discussion on Research and development Activities (Fixing the target for Consultancy and Research grant)								
Discussion	Research Co-ordinator presented the action plan of 2023-24 as given below <ul style="list-style-type: none">✓ Paper Publication Target -21✓ Consultancy – 4,00,000✓ Project Proposal target – RPS-7 & Seminar -14 Faculty members are informed to concentrate on above areas and achieve the target.								
Resolution	Resolved to record.								
Item 1.10	Discussion on PAD's form eligibility.								
Discussion	Dr.MEM presented the PAD's (Performance appraisal and development system) and clarified the various parameters related to Professor, Associate Professor and Assistant Professor.								
	<table border="1"><thead><tr><th>Designation</th><th>Criteria</th></tr></thead><tbody><tr><td>Professor</td><td>1 Scopus publication + Grant or Consultancy of Rs: 30,000 + 1 MoU with Industry</td></tr><tr><td>Associate Professor</td><td>1 Scopus publication + 1 FDP for 7 days or SWAYAM / NPTEL Courses (4 Weeks) / Certification of the Courses taught or to be taught through UDEMY + Grant or Consultancy of Rs: 15,000</td></tr><tr><td>Assistant Professor</td><td>1 Scopus publication + 1 FDP for 2 weeks or SWAYAM / NPTEL Courses (8 Weeks) / Certification of the Courses taught or to be taught through UDEMY</td></tr></tbody></table>	Designation	Criteria	Professor	1 Scopus publication + Grant or Consultancy of Rs: 30,000 + 1 MoU with Industry	Associate Professor	1 Scopus publication + 1 FDP for 7 days or SWAYAM / NPTEL Courses (4 Weeks) / Certification of the Courses taught or to be taught through UDEMY + Grant or Consultancy of Rs: 15,000	Assistant Professor	1 Scopus publication + 1 FDP for 2 weeks or SWAYAM / NPTEL Courses (8 Weeks) / Certification of the Courses taught or to be taught through UDEMY
	Designation	Criteria							
	Professor	1 Scopus publication + Grant or Consultancy of Rs: 30,000 + 1 MoU with Industry							
Associate Professor	1 Scopus publication + 1 FDP for 7 days or SWAYAM / NPTEL Courses (4 Weeks) / Certification of the Courses taught or to be taught through UDEMY + Grant or Consultancy of Rs: 15,000								
Assistant Professor	1 Scopus publication + 1 FDP for 2 weeks or SWAYAM / NPTEL Courses (8 Weeks) / Certification of the Courses taught or to be taught through UDEMY								
Resolution	Resolved to record.								
Item 1.11	Any other matter - Nil								

Date: 01-08-2023

Place: Erode


CHAIRMAN - PAC

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