



**NANDHA ENGINEERING COLLEGE**  
**(Autonomous)**  
**ERODE- 638 052**



**Department of Mechanical Engineering**

NEC/MECH/DAB-02/2023-24

DATE: 20.04.2024

**CIRCULAR**

<b>Originator:</b> Chairman- DAB	<b>Circulated to:</b> Members of DAB & All faculty members
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**Sub: DEPARTMENT ADVISORY BOARD (DAB) MEETING**

The DAB meeting is scheduled on 23.04.2024 to discuss the agenda listed below. In this connection, all the DAB members are requested to attend the meeting.

Date & Time of Meeting: **23.04.2024 (11.00 AM)**

Venue: Online Meeting

<b>AGENDA</b>	
Dissemination of vision and mission of the department	
VISION	<ul style="list-style-type: none"><li>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.</li></ul>
MISSION	<ul style="list-style-type: none"><li>To enrich technical knowledge and skills by imparting quality education with ethics and social responsibility.</li><li>To empower the students in the thrust areas of Mechanical, Allied Engineering and Entrepreneurship in the continually changing global market.</li><li>To provide a conducive learning environment for improving continually to cater the needs of the society.</li></ul>
Item 2.01	Review of the previous PAC meeting minutes
Item 2.02	Result Analysis and attainment of 2023-2024 ODD semester.
Item 2.03	Discussion on Students NPTEL course completion status.
Item 2.04	CAT Examination result and attainment of third year, identification of slow learners and corrective actions.
Item 2.05	Class Committee Meeting (CCM) reports and actions.
Item 2.06	Placement status of IV Year (2024 batch) students and training plan for 2021-2025 batch students.
Item 2.07	Any other matter

  
20/4/24  
**CHAIRMAN - DAB**

**HEAD OF THE DEPARTMENT**  
**DEPARTMENT OF MECHANICAL ENGINEERING,**  
**NANDHA ENGINEERING COLLEGE**  
**ERODE - 638 052.**

To  
All members of DAB,  
✓ All Faculty members,  
✓ File (O/o Head)



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**Department of Mechanical Engineering**

	<b>NANDHA ENGINEERING COLLEGE</b> <b>ERODE – 638 052</b> (An Autonomous Institution, Affiliated to Anna University Chennai and Approved by AICTE New Delhi)			
DEPARTMENT OF MECHANICAL ENGINEERING				
MINUTES OF THE DEPARTMENT ADVISORY BOARD (DAB) MEETING				
Meeting No.: 2	Date: 23.04.2024	Time: 11.00 AM	Venue: Online meeting	Year: 2023-24

Disseminated the vision and mission of the department	
<b>VISION</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>MISSION</b>	<ul style="list-style-type: none"> <li>To enrich technical knowledge and skills by imparting quality education with ethics and social responsibility.</li> <li>To empower the students in the thrust areas of Mechanical, Allied Engineering and Entrepreneurship in the continually changing global market.</li> <li>To provide a conducive learning environment for improving continually to cater the needs of the society.</li> </ul>

**HEAD OF THE DEPARTMENT**  
**DEPARTMENT OF MECHANICAL ENGINEERING,**  
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The Chairman DAB Dr. M. Easwaramoorthi, HoD - Mech, welcomed the DAB members and internal members. The board considered various items the agenda for discussion and the resolutions are given below:

Item 2.01	Review of the previous PAC meeting minutes											
	MoM of PAC were reviewed. Faculty members are informed to focus on improving CO and PO attainment by taking suitable remedial measures in teaching learning process, involving students in co-curricular activities / industry interaction and improving the syllabus contents.											
Item 2.02	Result Analysis and attainment of 2023-2024 ODD semester.											
Discussion	Dr. MEM presented the results of 2023-2024 ODD semester.											
	Even semester 2021-22 - I Semester											
	Course Code	Appeared	Present	Absent	Fail	Pass %	CO1	CO2	CO3	CO4	CO5	Course Target
	22MYB01	53	43	2	10	81.13%	74.7	55.3	55.4	74.5	55.9	70
	22CYB02	53	43	2	10	81.13%	65.3	66.0	48.7	50.0	74.0	70
	22MEC02	53	47	2	6	88.68%	77.8	80.2	77.9	78.3	90.0	70
	22CYP01	53	53	2	0	100.00%	100.0	100.0	100.0	100.0	100.0	70
22GEP01	53	53	2	0	100.00%	98.4	98.9	97.4	98.9	99.4	70	



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Even semester 2021-22 - III Semester											
Course Code	Appeared	Present	Absent	Fail	Pass %	CO1	CO2	CO3	CO4	CO5	Course Target
22MYB03	65	57	0	8	87.69	74.71	71.25	39.41	58.5	39.93	70
22MEC04	65	63	0	2	96.92	74.64	55.2	58.55	77.63	59.07	70
22MEC05	65	53	0	12	81.54	71.25	69.68	45.5	67.42	65.87	70
22MEC06	65	61	0	4	93.85	98.15	94.77	77.64	95.08	91.69	70
22MEC07	65	60	0	5	92.31	92.15	71.09	54.89	75.85	52.32	70
Even semester 2021-22 - V Semester											
Course Code	Appeared	Present	Absent	Fail	Pass %	CO1	CO2	CO3	CO4	CO5	Course Target
17MEC13	101	91	2	10	90.1	72.47	57.95	61.63	81.87	73.17	70
17MEC14	101	96	2	5	95.05	98	81.33	81	66.67	86	70
17MEC15	101	86	2	15	85.15	75.99	74.99	53.66	83.65	82.99	70
17MEX21	60	55	0	5	91.67	65.67	82.89	73.44	81.67	73.44	70
17MEX32	59	58	1	1	98.31	73.67	75.33	74.89	98.2	66.1	70
Even semester 2021-22 - VII Semester											
Course Code	Appeared	Present	Absent	Fail	Pass %	CO1	CO2	CO3	CO4	CO5	Course Target
17MEC20	109	103	1	6	94.5	70.78	70.02	71.83	70.08	70.09	70
17MEC21	109	101	1	8	92.66	73.27	72.67	68.85	88.71	73.45	65
17MEC22	109	106	1	3	97.25	70.78	71.08	71.81	48.91	49.03	70
17GEA03	42	33	2	9	78.57	57.65	38.18	40.74	57.97	39.4	75
17MED01	109	109	1	0	100	98.4	98.73	98.33	98.67	98.8	70
Resolution	<ul style="list-style-type: none"> <li>Dr.MEM presented the Attainments of COs of highlighted few 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.</li> <li>Dr. Jegadheeswaran BIT &amp; Manoj Alumni asked the reasons for non-attainment of CO's.</li> <li>Dr.MEM clarified the action taken for improving the CO attainments such as remedial classes, involving students in co-curricular activities / industry visit and improving the syllabus contents.</li> </ul>										
Item 2.03	Discussion on Students NPTEL course completion status.										
	III Year / V Semester (July- Oct 2023) NPTEL – Problem Solving through Programming in C - <b>Three Students Completed.</b> III Year / V Semester (July- Oct 2023) NPTEL – Solar Energy Engineering and Technology - <b>Eight Students Completed.</b> III Year / V Semester (July- Oct 2023) NPTEL – Fundamentals of Artificial Intelligence - <b>Three Students Completed.</b> <ul style="list-style-type: none"> <li>Dr. Jegadheeswaran BIT appreciated to the completion of online courses through NPTEL and asked about the exemption of courses. Dr.MEM clarified the options available for exemption of courses in lieu of online courses.</li> </ul>										
Resolution	Resolved to record.										
Item 2.04	CAT Examination result and attainment of third year, identification of slow learners and corrective actions.										
	<b>CAT-2 result and attainment analysis III Year (5<sup>th</sup> Semester) 2023 - 2024 (Odd Semester)</b>										
Course Code	Present	Absent	Pass	Fail	Pass %	CO3	CO4	CO5	Course Target		
17MEC13	97	6	93	4	96	2.1	3	3	2.1		



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	17MEC14	103	0	97	6	94	2.2	2.2	2.2	2.1
	17MEC15	101	2	91	10	90	1	3	3	2.1
	17MEC16	101	2	92	9	91	2.1	3	2.1	2.1
	Members appreciated the CAT-2 pass % and attainment of all CO's except CO3 for course 17MEC15 <b>3<sup>rd</sup> year slow learners</b> <ul style="list-style-type: none"><li>17 students.</li><li>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 in the respective course files.</li></ul> <b>3<sup>rd</sup> year fast learners</b> <ul style="list-style-type: none"><li>14 students.</li><li>Faculty member ask to motivate student to do online courses, placement training, Internship, Higher studies, participation in seminars/ workshops/conference.</li></ul>									
Resolution	Resolved to record.									
Item 2.05	Class Committee Meeting (CCM) reports and actions.									
Discussion	Dr. MEM shared the Class Committee Meeting (CCM) feedback and ATR request faculty members look at to this.									
Resolution	Resolved to approve the ATR of Class Committee Meeting (CCM).									
Item 2.06	Placement status of IV Year (2024 batch) students and training plan for 2021-2025 batch students. Placement status of IV Year (2024 batch) CORE: No. of willing – 79 No. of Placed – 74 <ul style="list-style-type: none"><li>Mr.Manoj suggested increasing industry interaction to provide more practical knowledge to the core students.</li></ul> IT: No. of willing – 25 No. of Placed - 25  Dr. MEM presented the (Industry Relevant Subject) IRS Courses offered to 3 <sup>rd</sup> years. Students and training plan for COURSE 2021-2025 batch students IT – ACCENTURE IASPIRE CORE – Online test conducting through examly. <ul style="list-style-type: none"><li>Members appreciated the initiatives taken to improve the employability skills of students from 1st year onwards through IRS courses.</li></ul>									
Item 2.07	Any other matter									

Date: 29-04-2024

Place: Erode

DAB - Chairman

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