



NANDHA ENGINEERING COLLEGE
(Autonomous)
Erode- 638 052
Department of Mechanical Engineering



NEC/MECH/DAB-01/2022-23

DATE: 05.07.2022

CIRCULAR

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

The DAB meeting is scheduled on 07.07.2022 to discuss the agenda listed below. In this connection, all the DAB members are requested to attend the meeting.

Date & Time of Meeting: **07.07.2022 (11.30AM)-Thursday**

Venue: Online Zoon Meeting


AGENDA	
Item 1.01	Welcome note and introduction of members
Item 1.02	Review of the previous PAC meeting minutes
Item 1.03	Pitfalls and difficulties in the existing curriculum
Item 1.04	Ratification required for PSE Electives in R17 (PG) Curriculum.
Item 1.05	Feedback analysis – Course end survey & Student exit survey
Item 1.06	Revision of Department Vision, Mission, PEOs and PSOs
Item 1.07	New Regulation and Curriculum (R22) with academic and industry expert comments
Item 1.08	Department activity plan for the academic year 2022 – 2023.
Item 1.09	▪ Result Analysis and ▪ Attainment of the CO, PO and PSO (Target fixed and attained) - 2021 passed out batch students.
Item 1.10	Student admission quality
Item 1.11	Discussion on Budget requirement and Utilization.
Item 1.12	Annual Report
Item 1.13	Any other matter

To

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


CHAIRMAN - DAB

Dr. M.EASWARAMOORTHY M.E., Ph.D.,
Head of the Department,
Department of Mechanical Engineering
Nandha Engineering College (Autonomous)
ERODE - 638 052.

		NANDHA ENGINEERING COLLEGE ERODE – 638 052 (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.: 1	Date: 07.07.2022	Time: 11.30 AM	Venue: Online Zoom meeting	Year: 2022-23

The 1st DAB meeting for the academic year 2022-2023 was held on 07-07-2022 by 11.30 am at Online Zoom meeting. List of members attended the meeting is enclosed in Annexure -1

The Chairman of the DAB, Dr. M.Easwaramoorthi, welcomed the members for the meeting. then, the items listed below were taken for discussion.

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Item 1.09	<ul style="list-style-type: none"> ▪ Result Analysis and ▪ Attainment of the CO, PO and PSO (Target fixed and attained) - 2021 passed out batch students.
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The proceedings of DAB started and the minutes of the meeting are recorded as follows:

Item 1.01	Welcome note and introduction of members												
	Dr. M. Easwaramoorthi, Chairman DAB introduced the members and welcomed all followed by a brief note on functioning of DAB												
Item 1.02	Review of the previous PAC meeting minutes (held on 17.06.2022)												
Discussion	DAB Chairman presented the previous PAC meeting minutes and action taken report.												
Resolution	Resolved to approve the PAC minutes of meeting .												
Item 1.03	Pitfalls and difficulties in the existing curriculum												
Discussion	<p>Dr. MEM presented the pitfalls and difficulties in the existing curriculum based on the discussions in the PAC meeting.</p> <ul style="list-style-type: none"> ▪ Including programing courses after 2nd semester for the benefit of lateral entry students. ▪ Opinion of Placement coordinators to provide credits to the students those who are undergoing industry related placement training. ▪ Modification of Engineering Graphics syllabus by incorporating laboratory practice ▪ Need for adding electronics courses to Mechanical Engineering students and suggested to have electrical and electronics as two separate courses. ▪ Suggestion to consider the actual credits earned through online courses while giving exemption of courses. 												
Resolution	Resolved to consider the above point in the upcoming curriculum												
Item 1.04	Ratification required for PSE Electives in R17 (PG) Curriculum.												
Discussion	<p>Dr. MEM presented and requested to ratify the following courses which were offered to PhD scholars as a part of their course work and place it for approval in the next BoS.</p> <p>17EDX29 - Design of Biomass Conversion Technology 17EDX30 - Welding Metallurgy 17EDX31 - Materials Characterization</p>												
Resolution	DAB Members resolved to ratify the syllabus of courses												
Item 1.05	Feedback analysis – Course end survey & Student exit survey of Batch 2018-22												
Discussion	Dr. MEM presented the student's exit survey analysis of Batch 2018-22												
	Feedback	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	High (%)	61	51	51	56	53	51	46	56	56	60	56	61
	Moderate (%)	32	40	42	35	40	40	47	40	39	32	35	30
	Low (%)	7	9	7	9	7	9	7	4	5	8	9	9
	Feedback	PSO1			PSO2			PSO3			PSO4		
	High (%)	49			49			44			49		
	Moderate (%)	40			42			46			46		
	Low (%)	11			9			10			5		
	Dr. PNK Kongu Engg. College suggested giving more attention to POs 7, 2 & 3 and its improvements. Dr. Saravanan Indoshell Cast also clarified about PSO and suggested to modify PSO4.												
Resolution	Resolved to record the comments and make necessary changes.												

Item 1.06	Revision of Department Vision, Mission, PEOs and PSOs	
Discussion	Dr. MEM presented the Vision, Mission, PEOs and PSOs statements and explained the need for changing above statements. Dr. PNK Kongu Engg. College asked to prepare correlation matrix for Vision, Mission and PEO. Other members appreciated efforts taken by the dept. of Mechanical Engineering for bringing changes.	
Resolution	Resolved to approve the modification in the Department Vision, Mission and PSOs statements.	
Item 1.07	New Regulation [R22] and Curriculum with academic and industry expert comments	
Discussion	<p>DAB Chairman explained the need for new regulation (R22) and guidelines for framing curriculum based on AICTE model curriculum. Also presented the discussions of PAC as given below.</p> <ul style="list-style-type: none"> ▪ BoS coordinator suggestion of including certification courses as non-credit mandatory courses in the curriculum. He also explained the benefit of identifying important certification courses which would provide skills required to get placement. ▪ PAC members suggestion of making provision in the next regulation for considering the full credits earned by the students while giving course exemption in lieu of online courses. <p>Dr. Saravanan Indoshell Cast appreciated for incorporating practical component in the course “Engineering Graphics and Design” and suggested to put appropriate word for Design since students would be doing drafting work.</p> <p>Dr. PNK Kongu Engg. College suggested to refer AICTE model curriculum while framing syllabus for courses and appreciated for introducing Electrical and Electronics as two separate courses. He further suggested framing syllabus for above courses in consultation with industries since electric vehicles are emerging field.</p>	
Resolution	Resolved to include the suggestion of DAC members and placing it before next BOS meeting.	
Item 1.08	Department activity plan for the academic year 2022 – 2023.	
Discussion	Dr. MEM presented the tentative Student’s Association (SOME) activity plan for the year 2022-2023 as listed below.	
	S. No.	Activity
	1.	SOME Association inaugural
	2.	Academic seminar-1
	3.	Industrial seminar-1
	4.	Workshop-1
	5.	Inter-department meet
	6.	Intra-department meet
	7.	Symposium & Workshops
	8.	Academic seminar-2
9.	Industrial seminar-2	
Resolution	Members noted the above Association Activity plan for the academic year 2022 – 2023 and resolve to approve..	
Item 1.09	Result Analysis and Attainment of the CO, PO and PSO (Target fixed and attained) of 2021 passed out batch students.	
Discussion	The attainment of the program outcomes 8, 9 & 10 was found to be below 50% only. Hence Dr.MEM suggested the faculty members to identify the reason for low attainment that can improve.	
Resolution	Resolved to record the attainment.	

Item 1.10	Student admission quality				
Discussion	Dr. MEM presented the details of students admitted in the year 2021-22 <ul style="list-style-type: none"> ▪ Counseling students – 51 ▪ Management students – 7 ▪ Maximum cut-off – 130 ▪ Minimum cut-off – 81 				
Resolution	Resolved to record the details				
Item 1.11	Discussion on Budget requirement and Utilization.				
Discussion	Dr. MEM presented the budget utilization details of year 2021-22 and 2022-23 budget requirements.				
	Year	Budget proposed	Budget approved	Utilization	Remarks
	2021-22	150000	123208	68449	-
	2022-23	2728499	2728499	-	-
	Members clarified the details of equipment to be purchased and its utilization to improve the attainment of CO, PO and PSO. Dr. MEM explained various heads of budget and proposals of purchasing software/hardware equipment.				
Resolution	Resolved to approve proposed budget				
Item 1.12	Annual Report				
Discussion	Dr. MEM presented the annual report of the department for year 2021-22 and explained the achievements of students and faculty members. DAB members suggested including the achievement in the department newsletter and circulating it among stakeholders.				
Resolution	Resolved to approve the report				
Item 1.13	Any other matter				
	Nil				

Date: 07-07-2022


 CHAIRMAN
 DAB-MECH

Dr. M.EASWARAMOORTHI M.E., Ph.D.,
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