



NANDHA ENGINEERING COLLEGE, ERODE – 638 052.
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by the Government of India, New Delhi)

DEPARTMENT OF BIOMEDICAL ENGINEERING

NEC/BME/PAC-04/2023-24

DATE: 12.04.2024

CIRCULAR

Originator: Chairman – PAC	Circulated to: Members of PAC & All faculty members
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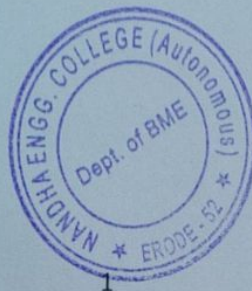
The PAC meeting is scheduled on 16.04.2024 to discuss the agenda listed below. In connection, all the PAC members are requested to attend the meeting.

Date & Time of Meeting: 16.04.2024 & 3.00 PM (Tuesday)
Venue: Block 4, BME – HOD Room

AGENDA	
Item 4.01	Welcome and introduction of members.
Item 4.02	Review of the previous PAC meeting minutes
Item 4.03	Result Analysis and attainment of 2023-2024 ODD semester.
Item 4.04	Discussion on Students NPTEL course completion status.
Item 4.05	CAT Examination result and attainment of third year, identification of slow learners and corrective actions.
Item 4.06	Class Committee Meeting (CCM) reports and actions.
Item 4.07	Placement status of IV Year (2024 batch) students and training plan for 2021-2025 batch students.
Item 4.08	Discussion on syllabus drafting by sub-committee.
Item 4.09	Any other matter

To

1. All members of PAC
2. File (O/o Head)



[Signature]
CHAIRMAN – PAC 12/4/24



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DEPARTMENT OF BIOMEDICAL ENGINEERING

MINUTES OF THE PROGRAMME ASSESSMENT COMMITTEE (PAC) MEETING

Meeting No.: 04	Date: 16.04.2024	Time: 3.00 pm	Venue: Block – 4, BME – HOD Room	Year: 2023 - 2024
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The 4th PAC meeting was held on 16.04.2024 by 3.00 pm at Block 4, BME – HOD Room. Dr. M. Dhipa, Chairman - PAC welcomed the members for the meeting. Then, the items listed below were taken for discussion. List of members attended the meeting is enclosed in Annexure – 1.

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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. Dhipa, Associate Professor - Head / BME welcomed the members for the meeting.

Item 4.01	Welcome and introduction of members.																									
Discussion	Dr. M. Dhipa, Chairman – PAC introduced and welcomed the members followed by a brief note on functioning of PAC.																									
Item 4.02	Review of the previous PAC meeting minutes																									
Discussion	Dr. M. Dhipa, Chairman – PAC presented the previous PAC meeting minutes and ATR.																									
	SUGGESTIONS OF 3rd PAC on 05.02.2024	ACTION TAKEN AS PER SUGGESTION																								
	The sub-committee members tasked with developing the R22 curriculum syllabus are mandated to draft it by consulting a minimum of two colleges/universities within the state, institutions outside Tamil Nadu and universities in other countries. Additionally, they are to seek suggestions from two industry experts and two academic experts to gather input and enrich the syllabus development process.	The sub-committee members have finalized the syllabus draft, incorporating recommendations from two industry experts and two academic experts. This draft is now prepared for review and feedback from the Board of Studies (BoS) members.																								
Resolution	Resolved to approve the PAC meeting minutes.																									
Item 4.03	Result Analysis and attainment of 2023-2024 ODD semester.																									
Discussion	Dr. M. Dhipa , Chairman presented the result analysis attainment of 2023-2024 ODD semester.																									
	Fair performance by students noticed in 2023-23 odd semester result analysis.																									
	III YEAR - BATCH [2021-25] / V SEM (2023-24)																									
	<table border="1"> <thead> <tr> <th>Subject code</th> <th>Subject name</th> <th>Pass %</th> </tr> </thead> <tbody> <tr> <td>17CYB03</td> <td>Environmental Science</td> <td>100</td> </tr> <tr> <td>17ECC16</td> <td>Analog and Digital Communication</td> <td>100</td> </tr> <tr> <td>17BMC04</td> <td>Biosignal Processing</td> <td>90.3</td> </tr> <tr> <td>17BMC05</td> <td>Biomedical Instrumentation-I</td> <td>96.8</td> </tr> <tr> <td>17EYZ04</td> <td>Employability Enhancement and Analytical Skills</td> <td>100</td> </tr> <tr> <td>17ITX37</td> <td>Problem Solving using Java</td> <td>87.1</td> </tr> <tr> <td>17BMP03</td> <td>Biosignal Processing Laboratory</td> <td>100</td> </tr> </tbody> </table>	Subject code	Subject name	Pass %	17CYB03	Environmental Science	100	17ECC16	Analog and Digital Communication	100	17BMC04	Biosignal Processing	90.3	17BMC05	Biomedical Instrumentation-I	96.8	17EYZ04	Employability Enhancement and Analytical Skills	100	17ITX37	Problem Solving using Java	87.1	17BMP03	Biosignal Processing Laboratory	100	
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17BMP04	Biomedical Instrumentation-I Laboratory	100
17GED07	Constitution of India	100
17BMX20	Hospital Planning, Organization and Management (Honor)	100
17BMX25	Hospital Waste Management (Honor)	100

OVERALL PERFORMANCE:

Year	Semester	Current Sem Pass Percentage	Overall Pass Percentage
I [2023 - 2027]	I	76.7%	76.7%
II [2022 - 2026]	III	62.9%	60%
III [2021 - 2025]	V	77.42%	74.19%
IV [2020 - 2024]	VII	88.68%	86.79%

Resolution Resolved to record

Item 4.04 Discussion on Students NPTEL course completion status.

Discussion Dr. M. Dhipa , Chairman presented the Students NPTEL course completion status.

S. No	Course Title	No. of Students Completed
1	Biophotonics	29
2	Entrepreneurship Essentials	9

Resolution Resolved to approve and recorded.

Item 4.05 CAT Examination result and attainment of third year, identification of slow learners and corrective actions.

Discussion Dr. M. Dhipa, Chairman – PAC discussed the CAT Examination result and attainment of third year, identification of slow learners and corrective actions.

III YEAR [2021-25] / V SEM (2023-24)

Course Code	Course Title	Staff Name	Pass %
17ECC13	Microprocessors and Microcontrollers Interfacing	Mr. A Amarnath Prabhakaran [AP/BME]	62.07
17BMC06	Medical Image Processing	Ms. K Thivyabrabha [AP/BME]	34.48
17BMC07	Biomedical Instrumentation-II	Mr. A Srithar [AP/BME]	64.29

17BMX01	Biomaterials	Ms. Sowparnika B [AP/BME]	73.08
17BMX03	Telehealth Technology	Dr. T Jayakumar [ASP/BME]	86.21
17GEA02	Principles of Management	Dr. M Dhipa [ASP/BME]	82.76

Comparatively, courses with less pass percentage are:

- 17BMC06- Medical Image Processing
- 17ECC13- Microprocessors and Microcontrollers Interfacing
- 17BMC07- Biomedical Instrumentation-II

Faculties were asked to take remedial measures to improve.

SLOW LEARNERS AND CORRECTIVE ACTIONS:

Initiatives taken:

- Understanding the difficulties students face in their subjects for providing effective support and guidance.
- Encouraging students to attend classes regularly and follow instructions diligently for essential academic success.
- Providing simplified notes in hard copy format as a valuable tool for facilitating effective learning.
- Implementing scheduled home tests, with one course covered each day as an effective strategy to ensure consistent daily learning.

Resolution Resolved to approve and recorded.

Item 4.06 Class Committee Meeting (CCM) reports and actions.

Discussion Dr. M. Dhipa – Chairman, presented the Class Committee Meeting (CCM) reports and actions.

NATURE OF FEEDBACK	CLASS	ACTION TAKEN
Students were requested for Industrial Visit	I	Planned to take industrial visit in II year
Every subject handling faculty members assignment submission dates overlap	I	Informed to course handling faculty members
All students anticipated a preference for CiPD activities and project work	I	As the academic performance of the students is not satisfied, only fast learners are assigned with CiPD activities and project work. Based on the academic performance improvement, the activities will be assigned in II year.

EDC Lab components were not working properly.	I	Intimation was given to the concerned lab in-charge. Also insisted to rectify the problem before end sem practical examination.
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Resolution Resolved to record

Item 4.07 Placement status of IV Year (2024 batch) students and training plan for 2021-2025 batch students.

Discussion Dr. M. Dhipa – Chairman, presented the placement status of IV Year (2024 batch) students and training plan for 2021-2025 batch students.

IV YEAR PLACEMENT STATUS:

Total No. of Students Placed: 37 [CORE - 2 & IT - 15]

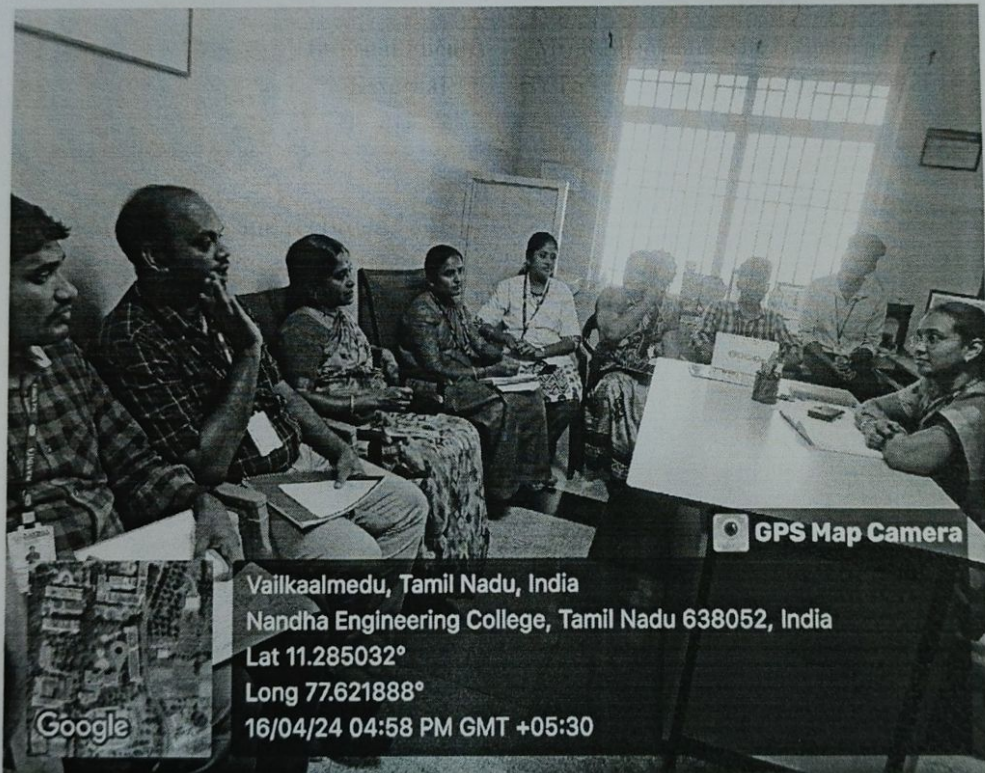
List of placed students with their salary package as follows,

S.No	Name of the Company	Pay Package at Appointment (LPA)	Core / IT	No. of Students Placed
1	JS HEALTH CARE	1.44	CORE	1
2	CARNA MEDICARE	1.8	CORE	2
3	PRABHA IMPEX	1.8	CORE	1
4	MEDVID HEALTH TEC	1.2	CORE	1
5	MEDITECH SOLUTIONS	1.2	CORE	1
6	ZIFO RnD SOLUTIONS	4.76	CORE	3
7	DIAGNO CARE LIFE SCIENCE	2.4	CORE	1
8	UNICORN MEDICALS	1.44	CORE	3
9	SAM ENTERPRISES	1.8	CORE	1
10	SAI MEDICAL SYSTEMS	1.8	CORE	2
11	SHREE MONITORING HEALTH CARE	1.8	CORE	1
12	EPISOURCE	2.11	CORE	5
13	AALAM SOFT	3.50	IT	1
14	MALLOW TECHNOLOGY	4.2	IT	1
15	OBJECTWAYS TECHNOLOGIES	1.8	IT	7
16	ZOHO	5	IT	1
17	KGISL	2.83	IT	1
18	FACE PREP	3.06	IT	4

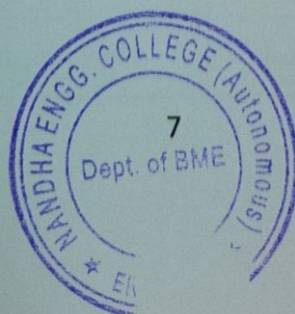
III YEAR PLACEMENT STATUS TRAINING SCHEDULE:

S. No.	Name of the Company	Vendor	Topics	Estimated Dates
1	ZIFO	Internal	Aptitude, logical Reasoning and Essay Writing	22.05.2024 to

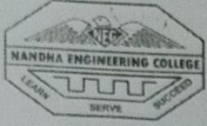
				05.08.2024
	2	TCS	Internal & External	Aptitude,logical Reasoning,verbal and Technical -C
				22.05.2024 to 31.08.2024
			Internal Faculty	Mr. R.Shankar & Mr. U.Shailendar
			External	BYTS - C Programming Online Portal
Resolution	Resolved to approve and recorded.			
Item 4.08	Discussion on syllabus drafting by sub-committee.			
Discussion	Dr. M. Dhipa discussed about the work progress on syllabus drafting by sub-committee. The feedback received from two industry experts and two academic experts and the possible changes to be incorporated were discussed.			
Resolution	Resolved to approve and recorded.			
Item 4.08	Any other matter.			
Discussion	NIL			



Date: 16-04-2024



[Handwritten Signature]
CHAIRMAN - PAC / BME



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PROGRAMME ASSESSMENT COMMITTEE

S. No	Members	Signature
1	Dr. M. Dhipa, Prof/ BME	
2	Dr. Gokila K, ASP/BME	
3	Dr. Jayakumar T, ASP/BME	
4	Mr. Amarnath Prabhakaran A, AP/BME	
5	Ms. K. K. Sangeetha, ASP/ BME	
6	Ms. V. T. Nithya, AP/ BME	
7	Ms. R. Arthi, AP/ BME	
8	Ms. B. Sowparnika, AP/ BME	
9	Mr. A. Srithar, AP/ BME	
10	Ms. C. Saranya, AP/ BME	
11	Ms. K.Thivyabrabha, AP/ BME	
12	Mr. Shankar R, AP/BME	
13	Ms. Devi, AP/ S&H	
14	Ms. Gayathri P [21BM014]	