



# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

NEC/BME/PAC-03/2022-23 (EVEN)

DATE: 02.03.2023

### CIRCULAR

**Originator:**

Chairman - PAC

**Circulated to:**

Members of PAC & All faculty members

### Sub: Programme Assessment Committee (PAC) meeting:

The PAC meeting is scheduled on 04.03.2023 to discuss the agenda listed below. In this connection, all the PAC members are requested to attend the meeting.

**Date & Time of Meeting:** 04.03.2023 (03.30 PM)

**Venue:** Department Library

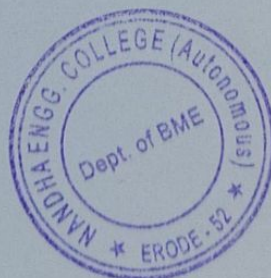
### AGENDA

Item 3.01	Review of the previous PAC meeting minutes
Item 3.02	Discussion on I year CAT-I CO attainment analysis and action taken for the slow learners and advanced learners
Item 3.03	Discussion on Class Committee Meeting (CCM), parents meeting and Mid sem feedback(II, III & IV year) - reports, analysis and action taken.
Item 3.04	Discussion on Students NPTEL course completion status
Item 3.05	Discussion on PBL courses (CiPD activities) and final year project(industry & in-house)
Item 3.06	Discussion on student co curricular activities (inside & outside the state)
Item 3.07	Discussion on Placement status of IV years, training for III years and internships.
Item 3.08	Discussion on paper publication, Consultancy, research/seminar/workshop/FDP grant proposal and NPTEL course completion.
Item 3.09	Review of Course coordinator meeting minutes of all the courses by HoD
Item 3.10	Discussion on R22 curriculum and draft syllabus of III & IV semester, CO-PO/PSO mapping, analysis and action taken for the feedback received from experts.
Item 3.14	Any other matter (if any)

To

All members of PAC,

- ✓ ALL Faculty members
- ✓ File(O/o Head)



*[Signature]*  
for CHAIRMAN - PAC





# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

### MINUTES OF THE PROGRAMME ASSESSMENT COMMITTEE MEETING

Name of the Body	PROGRAMME ASSESSMENT COMMITTEE (PAC)	
Department	Biomedical Engineering	
Meeting No.	03	2022-23
Date & Time	04.03.2023 & 03.30 PM	





# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

The proceedings of PAC started and the minutes of the meeting are recorded as follows:

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

**Item 3.01** Review of the previous PAC meeting minutes

The previous PAC meeting minutes were reviewed. There were no comments from members.

**Item 3.02** Discussion on I year CAT-I CO attainment analysis and action taken for the slow learners and advanced learners

Dr. M.Dhipa presented I year [2022 – 26], Academic Year (2022-23) CAT-I result analysis, CO attainment analysis of 1<sup>st</sup> Semester.

SUBJECT NAME	STAFF NAME	No. OF STUDENTS APPEARED	No. OF STUDENTS CLEARED	PASS%
Professional Communication I [22EYA01]	Ms.K.M.Madhumitha	54	47	87%
Calculus And Linear Algebra [22MYB01]	Ms.P.Devi	54	27	50%
Introduction To Biochemistry [22CYB01]	Dr.N.Saravanan	54	45	83%
Basics Of Electrical Instrumentation Engineering [22EYA01]	Dr. M. Dhipa	54	21	39%
Problem Solving And C Programming [22CSC01]	Ms.M.Deepika	54	23	43%

Discussion

◆ Pass % in the following courses seemed too low.

- ✓ Basics Of Electrical Instrumentation Engineering [22EYA01] – 39%
- ✓ Problem Solving And C Programming [22CSC01] – 43%
- ✓ Calculus And Linear Algebra [22MYB01] – 50%

Respective course handling faculty members were asked to analyze the reasons and take remedial measures to improve the academic performance.





# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

- ◆ Identification of Slow Learners in I year and action taken  
Students identified as slow learners were reviewed and faculty members are conducting Mock test and Home test to improvise their academic performance. Further it is informed to keep all documents related to slow learners in the respective course files which subjected to audit.
- ◆ Identification of Fast Learners in I year and action taken  
Students are encouraged and motivated by faculty members to do NPTEL courses and actively participate in inter college co-curricular activities. Also, students are insisted to do FACE PREP free certification program.

Resolution Resolved to record.

**Item 3.03** Discussion on Class Committee Meeting (CCM), parents meeting and Mid sem feedback (II, III & IV year) - reports, analysis and action taken.

Dr. M. Dhipa presented reports and action taken of Class Committee Meeting (CCM), Parents meeting and Mid sem feedback (II, III & IV year) reports, analysis and action taken.

Discussion

- ◆ Class Committee Meeting (CCM)  
Faculties must provide sufficient time for assignment preparation.
- ◆ Parents Meeting  
Importance of proper dress code, maintaining attendance percentage, decorum to be followed inside college premises, limitations on mobile usage were discussed with parents. Students' performance in Continuous Assessment Test for each subject was discussed individually.
- ◆ Mid Sem Feedback (II, III & IV year)  
Feedback of II, III & IV year were reviewed and faculties insisted to try on various pedagogic teaching learning methods for effective TLP.

Resolution Resolved to record

**Item 3.04** Discussion on Students NPTEL course completion status

Dr. M. Dhipa presented the count of students registered and enrolled for exam in I, II and III year.

Discussion

Year	No. of Students Registered	No. of Students Enrolled for exam
I	48	Yet to be enrolled
II	30	23
III	52	Yet to be enrolled

Resolution Resolved to record





# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

<b>Item 3.05</b>	Discussion on PBL courses (CiPD activities) and final year project(industry & in-house)									
Discussion	Dr. M. Dhipa presented the list of PBL courses (CiPD activities) and final year project(industry & in-house)  ◆ PBL subjects for the current semester: <table border="1"><thead><tr><th>NAME OF THE SUBJECT WITH SUBJECT CODE</th><th>YEAR</th><th>SUBJECT HANDLING STAFF</th></tr></thead><tbody><tr><td>17ECC11 - ANALOG CIRCUIT DESIGN</td><td>II</td><td>Mr. M. SRINEVASAN</td></tr><tr><td>17BMC07 - BIOMEDICAL INSTRUMENTATION II</td><td>III</td><td>Ms. B. SOWPARNIKA</td></tr></tbody></table> Subject handling faculties were asked to focus on minimum of 10 projects out of which at least 1, to be converted as product.  ◆ Final Year Project(industry & in-house): 25% of the projects are industry oriented and 75% of the projects are done in-house.	NAME OF THE SUBJECT WITH SUBJECT CODE	YEAR	SUBJECT HANDLING STAFF	17ECC11 - ANALOG CIRCUIT DESIGN	II	Mr. M. SRINEVASAN	17BMC07 - BIOMEDICAL INSTRUMENTATION II	III	Ms. B. SOWPARNIKA
	NAME OF THE SUBJECT WITH SUBJECT CODE	YEAR	SUBJECT HANDLING STAFF							
	17ECC11 - ANALOG CIRCUIT DESIGN	II	Mr. M. SRINEVASAN							
17BMC07 - BIOMEDICAL INSTRUMENTATION II	III	Ms. B. SOWPARNIKA								
Resolution	Resolved to record									
<b>Item 3.06</b>	Discussion on student co curricular activities (inside & outside the state)									
Discussion	Dr. M. Dhipa presented the count of students participation in Co-Curricular activities (inside & outside the state)  Students' valiant participation in co-curricular activities was evident and appreciable. Hence all academic coordinators were asked to motivate and guide the students further to participate in project presentations and publishing journals.									
	Resolution	Resolved to record								
<b>Item 3.07</b>	Discussion on Placement status of IV years, training for III years and internships.									
Discussion	Placement Co-Ordinator presented the placement status of IV year, training for III years and internships  <b><u>IV YEAR PLACEMENT DETAILS</u></b> No. of Willing – 34 No. of Eligible – 26 No. of Not Eligible – 08 No. of Placed (eligible) – ✓ 18 students are placed with package > 4lacs / annum ✓ 18 students are placed with package > 8lacs / annum ✓ 3 students are placed with package > 2lacs / annum No. of yet to be Placed – 04  <b><u>TRAINING FOR III YEARS</u></b> No. of Willing – 40 No. of Eligible – 33 No. of Not Eligible – 07									
	Resolution	Resolved to record								





# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

Placement training organized from 28.02.2023 to 31.03.2023 under the following topics

◆ Technical	◆ Communication	◆ Quantitative Aptitude
✓ C	✓ Verbal	
✓ Python	✓ Reasoning	
✓ JAVA	✓ Passage Writing	

### III YEAR INTERNSHIPS

Details of students attending internships:

Name of the Organization	No. of Students attending	Training Period
Senthil Multi Speciality, Erode	06	06.03.2023 - 11.03.2023
Maruthi Medical Centre, Erode	04	06.03.2023 - 20.03.2023
Medingers Healthcare Solutions, Erode	02	01.03.2023 - 07.03.2023

Resolution Resolved to accept and put forth to DAB

**Item 3.08** Discussion on paper publication, Consultancy, research/seminar/workshop/FDP grant proposal and NPTEL course completion.

**Discussion**

- ◆ Paper Publications:
  - ✓ 1 Scopus indexed journal is published. Faculties are insisted to focus on publishing Scopus indexed /WoS indexed / UGC approved journals with good impact factor.
- ◆ Consultancy:

Proposals are planned with the following companies:

  - ✓ 1)Mechsoft technologies
  - ✓ 2)Kaar Infotech private limited
  - ✓ 3)True Engineering and control systems
- ◆ Research/Seminar/Workshop/FDP grant proposal:
  - ✓ Discussed on necessitation to emphasize on grant proposals
- ◆ NPTEL course completion:
  - ✓ Faculties have registered for the courses relevant to handling subject, along with students as a part of guidance and periodic monitoring.

Resolution Resolved to accept

**Item 3.09** Review of Course coordinator meeting minutes of all the courses by HoD





# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

## Department of Biomedical Engineering

	Dr. M. Dhipa shared the review of Course coordinator meeting minutes of all the courses:
Discussion	Discussed points include - review of previous year performance, syllabus, text books, reference books, COs, POs and PSOs, Course plan, Assessment plan, teaching methods, material uploading, remedial actions for slow learners and activities for advanced learners.
Resolution	Resolved to record
<b>Item 3.10</b>	Discussion on R22 curriculum and draft syllabus of III & IV semester, CO-PO/PSO mapping, analysis and action taken for the feedback received from experts.
Discussion	R22 curriculum was discussed. Syllabus analysed based on the comments by academic and industry experts.
Resolution	Resolved to accept and put forth to DAB
<b>Item 3.14</b>	Any other matter - NIL





# NANDHA ENGINEERING COLLEGE

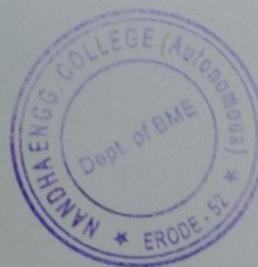
(AUTONOMOUS)

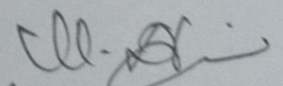
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

Department of Biomedical Engineering

## Programme Assessment Committee (PAC) meeting



  
CHAIRMAN - PAC





NANDHA ENGINEERING COLLEGE, ERODE – 638 052

(An Autonomous Institution, Affiliated to Anna University Chennai and

Approved by AICTE New Delhi)

PROGRAMME ASSESSMENT COMMITTEE

S. No	Members	Signature
1	Dr. P. Sukumar [HoD – Chairman]	
2	Dr. M. Dhipa [ASP/BME]	
3	Mr. A. Amarnath Prabhakaran A [AP/BME]	
4	Ms. K. K. Sangeetha [AP/BME]	
5	Ms. V. T. Nithya [AP/BME]	
6	Ms. R. Arthi [AP/BME]	
7	Ms. B. Sowparnika [AP/BME]	
8	Ms. C. Saranya [AP/BME]	
9	Ms. E. Madura [AP/BME]	