

# NANDHA ENGINEERING COLLEGE, ERODE – 638 052

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

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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### MINUTES OF THE PROGRAMME ASSESSMENT COMMITTEE (PAC-III) MEETING

The 3<sup>rd</sup> PAC meeting was held on 28.02.2023 at 1.30 P.M in Block IV- 305

The Chairman of the PAC, Dr.G.RAMANI, welcomed the members for the meeting. Then, the items listed below were taken for discussion.

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 Item 3.03 feedback(II, III & IV year) - reports, analysis and 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 3.11	Any other matter (if any)

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

<b>AGENDA</b>																												
<b>Item 3.01</b>	<p><b>Review of Previous PAC Meeting minutes</b></p> <ul style="list-style-type: none"> <li>Discussed result analysis and attainment of even semester 2021-2022, overall attainment of 2022 passed out batch</li> <li>Discussed CAT-I result, attainment analysis (II<sup>nd</sup> and III<sup>rd</sup>, IV year), advanced and slow learners.</li> <li>Discussed department activity plan for year 2022-2023</li> </ul>																											
<b>Item 3.02</b>	<p><b>Discussion on I year CAT I CO attainment analysis and action taken for the slow learners and advanced learners</b></p> <ul style="list-style-type: none"> <li>CO attainment for all subjects for I year were discussed.</li> </ul> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2" style="text-align: center;">Subject</th> <th colspan="3" style="text-align: center;">CO Attainment(CAT-I)</th> </tr> <tr> <th style="text-align: center;">CO1</th> <th style="text-align: center;">CO2</th> <th style="text-align: center;">CO3</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Professional Communication - I</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Calculus and Linear Algebra</td> <td style="text-align: center;">2.3</td> <td style="text-align: center;">2.4</td> <td style="text-align: center;">2.4</td> </tr> <tr> <td style="text-align: center;">Engineering Chemistry</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Problem Solving and C Programming</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Engineering Graphics</td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> </tr> </tbody> </table> <p><b>Discussion</b></p> <p>CO1, CO2, CO3 for Engineering chemistry is low.            CO2,CO3 for Problem Solving and C Programming is low            CO3 for Professional communication-I is low.</p> <p>Slow learners were indentified and test was conducted as per the below schedule.</p>	Subject	CO Attainment(CAT-I)			CO1	CO2	CO3	Professional Communication - I	2	2	1	Calculus and Linear Algebra	2.3	2.4	2.4	Engineering Chemistry	1	1	1	Problem Solving and C Programming	2	1	1	Engineering Graphics	3	2	2
Subject	CO Attainment(CAT-I)																											
	CO1	CO2	CO3																									
Professional Communication - I	2	2	1																									
Calculus and Linear Algebra	2.3	2.4	2.4																									
Engineering Chemistry	1	1	1																									
Problem Solving and C Programming	2	1	1																									
Engineering Graphics	3	2	2																									

S. No.	Year	SUBJECT CODE	SUBJECT NAME	TEST-1	TEST-2	TEST-3
1	I	22EYA01	Professional Communication - I	31.01.23	09.02.23	23.02.23
2		22MYB01	Calculus and Linear Algebra	02.02.23	10.02.23	24.02.23
3		22CYB04	Engineering Chemistry	02.02.23	14.02.23	28.02.23
4		22CSC01	Problem Solving and C Programming	07.02.23	21.02.23	03.03.23
5		22MEC01	Engineering Graphics	07.02.23	21.02.23	03.03.23
<ul style="list-style-type: none"> <li>The advanced learners were identified and permitted to attend the co curricular and extracurricular activities in reputed colleges.</li> </ul>						
<b>Resolution</b>	Resolve to accept the action taken report for slow learners and identification of advanced learners.					
<b>Item 3.03</b>	<b>Discussion on Class Committee Meeting (CCM), parents meeting and Mid sem Item 3.03 feedback(II, III &amp; IV year) - reports, analysis and action taken</b>					
<b>Discussion</b>	<ul style="list-style-type: none"> <li>No complaints were received in class committee meeting.</li> <li>Parents meeting for first year were conducted on 21.2.2023.CAT Performance and attendance percentage of the students was discussed. Students who secured low performance in CAT exam and low attendance percentage were intimated to the parents in the parents meeting.</li> <li>Mid sem feedback and its report for II,III&amp;IV year were discussed in the meeting. The faculty members who got less than 70 percentage in students feedback are asked to give reason for securing the low percentage.</li> </ul>					
<b>Resolution</b>	Resolve to accept the reports of class committee, parents meeting and midsem feedback.					
<b>Item 3.04</b>	<b>Discussion on Students NPTEL course completion status</b>					
<b>Discussion</b>	<ul style="list-style-type: none"> <li>V.Manikandan and Kirubanithi of IV year EEE Successfully completed the 12 week online NPTEL Course(July to October 2022) "Conservation Geography"</li> <li>K.Suganya of IV year EEE Successfully completed 12 week online NPTEL Course (July to October 2022)"Cloud computing".</li> </ul>					
<b>Resolution</b>	Chariman appreciated the above students for completion of NPTEL Course. Chairman instructed the faculty members to motivate more students to apply for NPTEL examination.					
<b>Item 3.05</b>	<b>Discussion on PBL courses (CiPD activities) and final year project(industry &amp; in-house)</b>					

<b>Discussion</b>	<p><u>PBL Course</u></p> <ul style="list-style-type: none"> <li>• Linear integrated circuits(II year/IV Sem)</li> <li>• Microprocessor and Microcontroller(III year/VI Sem)</li> <li>• Chairman suggested the faculty members handling the above two courses to motivate the students to complete project with more innovative ideas related to recent advancement in Corresponding domain.</li> </ul> <p><u>Final year project(Phase-II)</u></p> <ul style="list-style-type: none"> <li>• Zeroth review for final year students(industry&amp;inhouse)was conducted on 28.2.2023.</li> </ul>
<b>Resolution</b>	Resolve to accept work done by faculty member of above two PBL subjects and Project coordinator.
<b>Item 3.06</b>	<b>Discussion on student Co curricular activities (inside &amp; outside the state)</b>
<b>Discussion</b>	<p><u>Co-curricular activities</u></p> <ul style="list-style-type: none"> <li>• R.Mythili &amp; N.Dhivya (III-EEE) secured first Place in paper presentation held on 20.10.2022 at Erode Sengunthar Engineering College</li> <li>• A.Thrisha(III-EEE) Secured second place in paper presentation held on 20.10.2022 at Erode Sengunthar Engineering College</li> <li>• R.Mythili, N.Dhivya&amp;A.Thrisha(III-EEE) Secured second place project presentation titled "Project sleep alert system" held on 20.10.2022 at Erode Sengunthar Engineering College.</li> <li>• G.Abinaya(III-EEE) is winner in the event "finding memo" held on 12.11.2022 at JJ College of engineering and technology.</li> </ul>
<b>Resolution</b>	PAC Chairman appreciated the above students for their contribution in co-curricular activities.
<b>Item 3.07</b>	<b>Discussion on Placement status of IV years, training for III years and internships.</b>
<b>Discussion</b>	<ul style="list-style-type: none"> <li>• Placement coordinator presented the placement status of Final year.33 students got placed out of 61 students opted for placement willing.</li> <li>• External training for III year placement willing students was given by Six phrase company.</li> </ul>
<b>Resolution</b>	Resolve to accept and PAC Chairman instructed the placement coordinator to motivate the remaining non placed students to get placed in reputed compay.
<b>Item 3.08</b>	<b>Discussion on paper publication, Consultancy, research/seminar/workshop/FDP grant proposal and NPTEL course completion</b>
<b>Discussion</b>	<ul style="list-style-type: none"> <li>• Dr.G.Ramani and Dr.P.Jamuna published the book "Electrical Vehicle technology"</li> <li>• Mr.P.krishnagandhi received IEEE CS emerging technologies fund of Rs 82400 in the event business plan competition.</li> <li>• Mr.P.Krishnagandhi received MSME grant of Rs 14.75 lakh for the product development titled "Smart Solar waste segregation using IOT"</li> <li>• Dr.T.Jayakumar,Dr.G.Ramani,Dr.P.Jamuna,B.Ramraj Published in Automatika</li> </ul>

	<p>journal, Taylor and Francis Publication on 23<sup>rd</sup> January 2023.</p> <ul style="list-style-type: none"> <li>• Dr.P.Jamuna and Mr.M.Prabu Successfully completed 12 week online NPTEL Course "Smart grid".</li> <li>• Mr.P.Krishnagandhi attended workshop in creating a Successful startup in Kongu Engineering College between 2.2.2023 to 4.2.2023</li> <li>• Mr.P.Krishnagandhi, Mrs.C.Pratheeba, V.Ravichandran, M.Manjula attended online workshop on Emerging trends, Challenges and opportunities in wireless charging of electric vehicles in SRM Institute of science and technology between 20.2.2023 to 25.2.2023</li> <li>• Mrs C.Pratheeba and Mr.V.Ravichandran attended online workshop on journal paper writing in RAMCO Institute of technology on 10.2.2023</li> <li>• Mrs.C.Pratheeba and V.Ravichandran attended a online webinar on Multi domain modeling with Simscape using MATLAB on 11.10.2022</li> </ul>																					
<b>Resolution</b>	Resolve to accept.PAC Chairman appreciated the work contributed by above faculty members.																					
<b>Item 3.09</b>	<b>Review of Course coordinator meeting minutes of all the courses by HoD</b>																					
<b>Discussion</b>	Head of the department reviewed the zeroth course coordinator meeting minutes of all courses.																					
<b>Resolution</b>	PAC Chairman accepted and approved the course coordinator meeting minutes prepared by faculty members of II, III and IV year.																					
<b>Item 3.10</b>	<b>Discussion on R22 curriculum and draft syllabus of III &amp; IV semester, CO-PO/PSO mapping, analysis and action taken for the feedback received from experts.</b>																					
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SEMESTER: IV		
S. NO.	COURSE TITLE	Faculty Member Allotted
1	Electrical Machines-II	Ms.R.Vijayalakashmi
2	Analog and Digital Integrated circuits	Mr.V.Arunkumar
3	Power Generation, Transmission and Distribution	Mr.P.Krishna Gandhi
4	Measurements and Instrumentation	Ms.C.Pratheeba
5	Electrical Machines-II Laboratory	Ms.R.Vijayalakashmi
6	Analog and Digital Integrated Circuits Laboratory	Mr.V.Arunkumar

- The above faculty members presented the syllabus (III and IV sem).PAC members discussed the CO-PO/PSO mapping of all above subjects. The syllabus is updated by including the comments received from academic and industrial expert comments members.
- Chairman presented the R22 Curriculum.PAC Members discussed the R22 curriculum

<b>Resolution</b>	Resolve to accept the R22 Curriculum and feedback given by industrial and academic experts.
<b>Item 3.11</b>	<b>Any other matter</b>
<b>Discussion</b>	nil

Date:28.2.2023  
Place: NEC

*[Handwritten Signature]*  
1/3/23  
**CHAIRMAN  
PAC/EEE**