



**NANDHA ENGINEERING COLLEGE, ERODE - 638 052**

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

**DEPARTMENT OF CIVIL ENGINEERING**

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**MINUTES OF THE PROGRAMME ASSESSMENT COMMITTEE (PAC) MEETING**

The 1<sup>st</sup> PAC meeting of the AY 2022-23 was held on 20.06.2022 by 12.30 pm at CABD LAB.

The Chairman of the PAC, Dr.E.K.Mohanraj, welcomed the members for the meeting. Then, the items listed below were taken for discussion.

<b>AGENDA</b>	
Item 1.01	Details of members.
Item 1.02	Roles and responsibilities of the PAC.
Item 1.03	Pitfalls and difficulties in the existing curriculum
Item 1.04	Revision of Department Vision, Mission, PEOs and PSOs, if required.
Item 1.05	New Regulation and Curriculum (R22)
Item 1.06	Department activity plan for the academic year 2022 - 2023.
Item 1.07	Result Analysis and Attainment of the CO, PO and PSO (Target fixed and attained)
Item 1.08	Discussion on Budget requirement and Utilization.
Item 1.09	Annual Report
Item 1.10	Any other matter

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

Item 1.01	Details of Members.
Discussion	All the faculty members of the department are nominated as members of PAC with head of the department as chairman.
Item 1.02	Roles and Responsibilities of the PAC.
Discussion	<p>The HoD deliberated the roles and responsibilities of the PAC to the members.</p> <ul style="list-style-type: none"> <li>Monitoring the achievements of Program Outcomes (POs) and Program Specific Outcomes (PSOs) and proposes necessary changes in curriculum for the attainment of POs and PSOs.</li> <li>Assessment data would be gathered, reviewed and reported as per assessment cycle and recommend revisions (if required) for the programme improvement.</li> <li>Interact with students, faculty and other stakeholders for the improvement of the PO and PSO attainment.</li> <li>Allotment of department coordinators for various activities.</li> <li>Track status and report of work assigned to the members and bring out in notice to DAB.</li> </ul>
Resolution	<i>Resolved to accept and follow the Roles and responsibilities of the PAC.</i>
Item 1.03	Pitfalls and difficulties in the existing curriculum
Discussion	<ul style="list-style-type: none"> <li>For better understanding the concepts, the courses related with diagrammatic in nature is altered with the practical oriented session in I, II and III year.</li> <li>In order to improve the technical knowledge other than the Professional Core courses, the elective courses to be increased.</li> <li>The Embedded courses are planned to be increased in R22 Curriculum, In order to reduce the total credits.</li> </ul>
Resolution	<ul style="list-style-type: none"> <li><i>As we are planned to introduce the Engineering Drawing, CABD-I and CABD-II courses to meet out the basic practical exposure in civil engineering.</i></li> <li><i>In the R22 Curriculum, the recent developments and trends in the civil engineering field can be improved by implementing the elective subjects in it.</i></li> <li><i>One more course "Applied Hydraulic Engineering" and the respective Laboratory is to be planned as an embedded one.</i></li> </ul>
Item 1.04	Revision of Department Vision, Mission, PEOs and PSOs
Discussion	The Revision of Vision, Mission, PEO's and PSO's is discussed.
Resolution	<i>The revised Vision, Mission, PEO's and PSO's for R22 Curriculum will be presented to DAB for recommendations to the BoS.</i>
Item 1.05	New Regulation and Curriculum (R22)
Discussion	<ul style="list-style-type: none"> <li>The Total Credits of the Programme are revised.</li> <li>The number of Elective courses is to be increased.</li> <li>The courses are needed to improve the student's basic creativity levels in free hand sketches.</li> <li>The Discussion was made to introduce the advance level of experiments in building drawing.</li> </ul>
Resolution	<ul style="list-style-type: none"> <li><i>The Total Credits of the Courses were revised at par with AICTE Model Curriculum from 173 to 160.</i></li> <li><i>The Total numbers of Elective courses were increased to 10.</i></li> <li><i>The lists of Elective Courses are segregated in specialization wise.</i></li> </ul>



	<ul style="list-style-type: none"> <li>Engineering Drawing Course are planned to introduce in forthcoming Curriculum.</li> <li>The Practical Courses named Computer Aided Building Drawing - I and II are to be planned with advance level of experiments.</li> </ul>																								
Item 1.06	Department activity plan for the academic year 2022 - 2023																								
Discussion	<ul style="list-style-type: none"> <li>The Core Placement Training, Industrial and Academic Seminars, Workshops, Value Added Courses were planned to organize.</li> <li>To acquire field knowledge the Industrial and Local Visits were planned to arrange.</li> <li>One Credit Courses were intended to organize in the emerging areas.</li> <li>Project Based Learning (PBL) was encouraged to upgrade the technical knowledge to the next level.</li> <li>The Career Guidance Awareness Program is to be planned to motivate the students those who are interested in higher studies and Competitive Exams.</li> </ul>																								
Resolution	Resolved to approve the activity plan.																								
Item 1.07	Result Analysis and Attainment of the CO, PO and PSO (Target fixed and attained)																								
Discussion	<ul style="list-style-type: none"> <li>The Result Analysis and Attainment for the Batch 2017-2021 are discussed.</li> </ul>																								
Resolution	Resolved to approve the discussion.																								
Item 1.08	Discussion on Budget requirement and Utilization.																								
Discussion	<ul style="list-style-type: none"> <li>The budget requirements for all the Laboratories were submitted for approval to the higher authorities.</li> </ul> <table border="1"> <thead> <tr> <th>S.No</th> <th>Laboratory Name</th> <th>Amount in Rs.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Computer Aided Building Drawing Laboratory</td> <td>5,10,000</td> </tr> <tr> <td>2</td> <td>Strength of Materials Laboratory</td> <td>5,50,000</td> </tr> <tr> <td>3</td> <td>Surveying Laboratory</td> <td>3,50,000</td> </tr> <tr> <td>4</td> <td>Environmental Engineering Laboratory</td> <td>45,000</td> </tr> <tr> <td>5</td> <td>Concrete and Highway Engineering Laboratory</td> <td>40,000</td> </tr> <tr> <td>6</td> <td>Soil Mechanics Laboratory</td> <td>10,000</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Total</b></td> <td><b>Rs. 15,05,000</b></td> </tr> </tbody> </table>	S.No	Laboratory Name	Amount in Rs.	1	Computer Aided Building Drawing Laboratory	5,10,000	2	Strength of Materials Laboratory	5,50,000	3	Surveying Laboratory	3,50,000	4	Environmental Engineering Laboratory	45,000	5	Concrete and Highway Engineering Laboratory	40,000	6	Soil Mechanics Laboratory	10,000	<b>Total</b>		<b>Rs. 15,05,000</b>
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Resolution	Resolved to approve the budget.																								
Item 1.09	Annual Report																								
Discussion	Monthly Reports for the Academic Year 2021-22 are reviewed.																								
Resolution	Resolved to approve the monthly reports and recommend releasing the Annual News Letter.																								
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Discussion	<ul style="list-style-type: none"> <li>Instructed to all the faculty members to practice the writing skill in CATs and ESEs as they back to college in offline mode after the COVID '19.</li> <li>Proctors are advised to motivate their proctees to do more online courses through SWAYAM- NPTEL</li> </ul>																								
Resolution	Resolved to follow.																								

Date: 22.06.2022

  
 Chairman  
 PAC - Civil Engg.



22/06/2022