



NANDHA ENGINEERING COLLEGE, ERODE - 638 052

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

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF THE BOARD OF STUDIES (BoS) MEETING

The 10th BoS meeting of the AY 2022-23 was held on 06.08.2022 (Saturday) at 10.00 am at CABD Laboratory. The Chairman of the BoS, Dr. E. K. Mohanraj, welcomed the members of the meeting. Then, the items listed below were taken for discussion.

The proceedings of BoS started and the minutes of the meeting were recorded as follows:


Item 10.01	Welcome Address and Introduction of members
Introduction	All the faculty members of the department were nominated as members of BoS with Head of the Department as Chairman, besides University Nominee, Subject Experts (from Academic), representative from industry and alumni.
Item 10.02	Review of the 9 th BoS meeting minutes and ATR
Discussion	The 9 th BoS meeting minutes and ATR were reviewed.
Resolution	<i>Resolved to approve the 9th BoS meeting minutes and ATR.</i>
Item 10.03	Review of the PAC and DAB meeting minutes and ATR
Discussion	The PAC and DAB meeting minutes and ATR were presented to the members.
Resolution	<i>Resolved to approve the PAC and DAB meeting minutes and ATR.</i>
Item 10.04	Review of Institute Vision and Mission
Discussion	The institute vision and mission were presented to the members.
Resolution	<i>The revised institute vision and mission was viewed and recommended to the Academic Council.</i>
Item 10.05	Review of Department Vision, Mission, PEOs and PSOs
Discussion	The Revised Vision, Mission, PEOs and PSOs were taken for discussion. The expert members acknowledged that the department vision and mission is in line with institute vision and mission.
Resolution	<i>The revised Vision, Mission, PEOs and PSOs of R22 UG and PG Curriculum were approved.</i>
Item 10.06	Review of Correlation between the Vision and Mission statement of Institute and Department, correlation between PEOs and POs.
Discussion	The correlation between PEOs and POs was presented to the members.
Resolution	<i>Resolved to approve the correlation between PEOs and POs.</i>

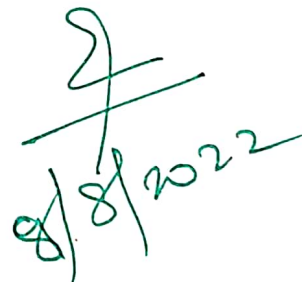
Item 10.07	Review of Curriculum (R22) for B.E/B.Tech programme.
Discussion	<ul style="list-style-type: none"> • Core Employability courses are to be introduced in placement point of view instead of incorporating many non-credit courses. • Evaluation pattern for embedded courses may be changed in R22 regulations. • Industrial training is to be allotted during 6th semester vacation only for gaining practical knowledge.
Resolution	<ul style="list-style-type: none"> • <i>Employability Skills I & II may be introduced during V, VI and VII semesters.</i> • <i>End semester laboratory weightage in embedded courses are to be considered separately and the same is to be recommended to the SCAA and Academic Council.</i> • <i>Resolved to approve industrial training during 6th semester vacation.</i>
Item 10.08	Review of 1 st and 2 nd semester syllabus for B.E/B.Tech programme with CO-PO/PSO Mapping
Discussion	<p><u>Fundamentals of Engineering Mechanics</u> In Unit IV - Friction -The topics and sub headings are to be mentioned in detail.</p> <p><u>Engineering Practices Laboratory</u> It had been suggested to include experiments like household pipe line connections using pipes and joints.</p>
Resolution	<ul style="list-style-type: none"> • <i>Resolved to approve the course, Fundamentals of Engineering Mechanics and as suggested, the sub headings were mentioned in detail.</i> • <i>Resolved to approve the syllabus of Part A (Civil Component) in Engineering Practices Laboratory and included the experiments suggested by the members.</i>
Item 10.09	Review on analysis of CO-PO/PSO mapping and attainment of R17 Curriculum
Discussion	CO-PO/PSO mapping and attainment of R17 Curriculum were reviewed.
Resolution	CO-PO/PSO mapping and attainment of R17 Curriculum were accepted.
Item 10.10	Review on Attainment target fixed for next batch
Discussion	Attainment target for next batch is to be fixed considering performance of the previous batch and current batch.
Resolution	<i>It had been resolved to fix the attainment target of 70%</i>
Item 10.11	Review of Curriculum and Syllabus (R22) for M.E programme with CO-PO/PSO Mapping
Discussion	<p><u>For M.E. Structural Engineering,</u></p> <ul style="list-style-type: none"> • The courses entitled "Design of Advanced Reinforced Concrete Structural Systems," is to be approved. • Recent code books are to be added to the course "Structural Dynamics and Earthquake Engineering". • Instead of handling the course "Research Methodology and IPR" only in theoretical mode, the practical mode of teaching can also be adopted.

	<ul style="list-style-type: none"> • The laboratory course “Advanced Computer Aided Structural Analysis Laboratory” in semester I and “Advanced Structural Engineering Laboratory” in semester II are to be swapped. • In “Advanced Computer Aided Structural Analysis Laboratory” the topics like the Design of Flat Slab, Shear Wall and Structural Members are to be added. Further, for this two credit laboratory, the number of experiments is to be increased to ten. • The courses “Theory of Elasticity and Plasticity” is to be approved. • In “Advanced Design of Steel Structures”, instead of the topic Water Tank the topic Seismic Analysis of Steel Water Tank is to be incorporated in Unit IV and Structural Joints in Steel is to be added in syllabus. • In Unit V of “Finite Element Analysis in Structural Engineering”, the phrase “Recent Softwares” is to be rephrased as “FEA Softwares”. • The Practical Training (4 weeks) is to be approved. • The syllabi of Project Work Phase - I and Project Work Phase - II are to be approved. • The courses Technical Seminar - I and II are to be removed and a core course is to be added in curriculum. • The syllabus of all Professional Elective Courses (PEC) was presented to the members as listed in curriculum. The repetition of the title and syllabus of the elective courses in UG and PG programme are to be verified.
Resolution	<p><i>It had been resolved to</i></p> <ul style="list-style-type: none"> • <i>Approve the syllabus of “Design of Advanced Reinforced Concrete Structural Systems”.</i> • <i>Add recent code books to “Structural Dynamics and Earthquake Engineering”.</i> • <i>Handle the course “Research Methodology and IPR” in practical mode also.</i> • <i>Swap the course “Advanced Computer Aided Structural Analysis Laboratory” in semester I and “Advanced Structural Engineering Laboratory” in semester II.</i> • <i>Add the mentioned topics in “Advanced Computer Aided Structural Analysis Laboratory” and increase the number of experiments to ten.</i> • <i>Approve the course “Theory of Elasticity and Plasticity”.</i> • <i>Incorporate the topic Seismic Analysis of Steel Water Tank instead of Water Tank in “Advanced Design of Steel Structures” and add Structural Joints in Steel.</i> • <i>Rephrase “Recent Softwares” as “FEA Softwares” in Unit V of “Finite Element Analysis in Structural Engineering”.</i> • <i>Approve the syllabi of Practical Training (4 weeks), Project Work Phase – I and Project Work Phase – II.</i> • <i>Add a core course instead of Technical Seminar – I and II in curriculum.</i> • <i>Approve the syllabus of all Professional Elective Courses (PEC). The repetition of the title and syllabus of the elective courses in UG and PG programme is verified.</i>

Item 10.12	Review of R17 Ratification
Discussion	There is no ratification in R17 syllabus.
Resolution	Nil
Item 10.13	Review of inclusion of PSE courses in R17
Discussion	No PSE courses included in R17 syllabus.
Resolution	Nil
Item 10.14	Review of one credit courses
Discussion	The course "Building Bye Laws" is to be added besides the listed courses.
Resolution	Resolved to approve the course "Building Bye Laws".
Item 10.15	Review of Panel of Examiners
Discussion	The list of panel of examiners was gone through.
Resolution	It had been resolved to approve the list of panel examiners.
Item 10.16	Any other matter
Discussion	<ul style="list-style-type: none"> Mandatory courses are to be included in PG curriculum. Total credits allocation for PG curriculum is to be less than 70.
Resolution	It had been decided to submit the recommendations to the Academic Council.

Date: 06.08.2022


Chairman
BoS- Civil Engg.
08/08/2022


8/8/2022