

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by AICTE New Delhi)

MINUTES OF THE 6th BOARD OF STUDIES MEETING

Name of the Body	Board of Studies
Name of the Board	B.Tech. Chemical Engineering
Meeting No.	06
Date & Time	11.08.2022, 11.00 AM
Venue	Board Room, NEC

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
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Minutes of 6th Board of Studies Meeting (BoS) held on 11.08.2022

The 6th Board of Studies (BoS) meeting was held on 11.08.2022 at 11.00 A.M in the Board room, NEC as per the permission given by Anna University- Chennai. The members attended the meeting are given in the **Annexure I**.

The Chairman of BoS, Dr.N.Subramanian, HOD (Chemical Engineering) welcomed the members for the meeting. Then the items listed below were taken for discussion.

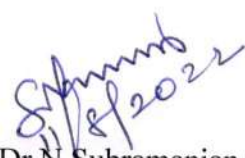
The proceedings of BoS started and Minutes of the Meeting are recorded as follows:

Item – 6.01	Review of the 5 th BOS meeting minutes and ATR (Annexure II)
Discussion	The salient decisions taken in the 5 th BoS meeting and action taken were presented. The members have appreciated the efforts taken to implement the suggestions.
Resolution	Resolved to approve the ATR of 5 th BoS meeting minutes.
Item – 6.02	Review of the PAC and DAB meeting minutes & ATR (Annexure - III)
Discussion	The important suggestions given by the PAC and DAB members during the PAC and DAB meeting and action taken were presented. BoS members have suggested to conduct training MS office tools like word, Excel and PPT in the first year orientation programme.
Resolution	Resolved to approve the ATR of 1 st DAB meeting minutes.
Item – 6.03	Review of Institute Vision & Mission
Discussion	The proposed Vision and Mission of the Institute was presented. Vision <ul style="list-style-type: none"> • Dr.M.Arulmozhi has suggested as ‘To be an Institute of Excellence’ instead of ‘To be a Centre of Excellence’. • Dr.C.Karthikeyan has suggested to add one or two points/words from Core and PO attributes in the Vision. Mission <ul style="list-style-type: none"> • BoS members have suggested that Mission may incorporate PO attributes like Entrepreneur, Sustainability and Ethics etc.,
Resolution	BoS Members noted the Vision and Mission of the Institute and resolved to place it before the college management for suitable action.
Item–6.04	Review of Department Vision, Mission, PEOs and PSOs
Discussion	Department Vision, Mission, PO, PEOs and PSOs were presented. <ul style="list-style-type: none"> • Dr.M.Arivazhagan has suggested to change the third point ‘To encourage Research and Development in the emerging area’ in the Mission. • BoS members have suggested to keep the PEOs and PSOs to be a maximum of three.

Resolution	BoS Members have noted the Vision, Mission PEOs and PSOs of the programme and resolved to take suitable action.
Item-6.05	Review of Correlation between the Vision and Mission statement of the Department, correlation between PEOs and POs.
Discussion	Correlation between the department's Vision and Mission, PEOs and POs were presented. Dr.C.Karthikeyan has corrected some correlation between Mission and PEO.
Resolution	BoS Members have noted the Correlation between the Vision, Mission statement of the Department and PEOs. Resolved to approve the corrected correlation between Mission and PEO.
Item-6.06	Review of Curriculum (R22) for B.Tech Programme
Discussion	<ul style="list-style-type: none"> BoS members have strongly recommended to buy ASPEN+ Software. BoS members have suggested to replace the course Heat Power Engineering in the third semester with some other mechanical course that contains the machines used familiarly in chemical industries BoS Members have suggested to keep minimum of 3 problem oriented courses in each semester. BoS Members have suggested to move Chemical Process Industries to 5th semester and Chemical Process Plant Safety to 6th semester. BoS members have suggested to add Chemical Process Equipment Design laboratory instead of Process Computation laboratory in the 5th semester BoS members have suggested to allow a minimum of 30 hours for Industrial Training course. Also suggested to award credits to Industrial Training and Internships. BoS members have suggested to add few more Programme elective courses and also categorize the course for pre-final year and final year.
Resolution	Resolved to approve the suggestion given by BoS members
Item-6.07	Review of 1 st and 2 nd semester syllabus for B.Tech Programme with CO –PO/PSO Mapping
Discussion	The syllabus of the course "Introduction to Chemical Engineering" was presented. BoS Members have suggested to add few more topics in the second unit titled 'Basics of Chemical Process Calculations'
Resolution	Resolved to approve the changes in the syllabi of Introduction to Chemical Engineering course
Item-6.08	Review on analysis of CO- PO/PSO mapping and attainment of R17 Curriculum.
Discussion	CO- PO/PSO mapping and attainment for 2017-2021 batch of R17 Curriculum were presented. BoS members have suggested to check and revamp the existing CO-PO mapping of R17 Curriculum and then analysis the attainment.
Resolution	Resolved to approve the decision
Item-6.09	Review on Attainment target fixed for forthcoming batches.

Discussion	BoS members have suggested HOD to conduct the class committee meeting during the beginning of the class and fix the attainment for each course based on the Student's performance on that particular course by pre-evaluation methods.
Resolution	Resolved to approve the decision
Item-6.10	Review on One credit courses
Discussion	<ul style="list-style-type: none"> • Dr.C.Karthikeyan has suggested to change course title from 'Biotechnology in Chemical Industry' to 'Applications of Biotechnology in Chemical Industry'. • Members have suggested to specify the equipment in the title itself for 'Process Equipment Course'.
Resolution	Resolved to approve the changes in the one credit courses
Item-6.11	Approval of Examination Panel Members
Discussion	The selection method of panel members for University examinations like question paper setting, scrutiny, valuation and external examiner for practical's were presented. The members have appreciated and approved the decision.
Resolution	Resolved to approve the decision
Item-6.12	Any other matter
Discussion	Dr.C.Karthikeyan has suggested to practice Peer Learning among the students.
Resolution	Resolved to approve the decision
	Dr. A.Murugesan, Professor (Chemical Engineering) proposed the vote of thanks.

Date: 11.08.2022


 Dr.N.Subramanian
 (Chairman/BoS – Chemical Engineering)


 11/8/22

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MINUTES OF THE 7th BOARD OF STUDIES MEETING

Name of the Body	Board of Studies
Name of the Board	B.Tech. Chemical Engineering
Meeting No.	07
Date & Time	29.05.2023, 11.00 AM
Venue	Online (Google Meet)

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Minutes of 7th Board of Studies Meeting (BoS) held on 29.05.2023

The 7th Board of Studies (BoS) meeting was held on 29.05.2023 at 11.00 AM through online mode (Google Meet) as per the requisition from University Nominee and Expert Members. The members attended the meeting are given in the **Annexure I**.

The Chairman of BoS, Dr.N.Subramanian, HOD (Chemical Engineering) delivered the welcome address and invited the Members for the meeting. Then the items listed below were taken for discussion.

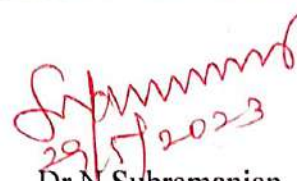
The proceedings of BoS started and Minutes of the Meeting are recorded as follows:

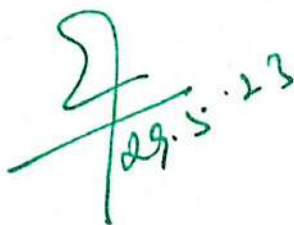
Item – 7.01	Review of the 6 th BoS meeting minutes and Action Taken Report.
Discussion	The salient decisions taken in the 6 th BoS meeting and action taken were presented. The members have appreciated the efforts taken to implement the suggestions.
Resolution	Resolved to approve the ATR of 6 th BoS meeting minutes.
Item – 7.02	Review of the previous PAC and DAB meeting minutes.
Discussion	The important suggestions given by the PAC and DAB members during the previous PAC and DAB meeting and action taken were presented.
Resolution	Resolved to approve the PAC and DAB meeting minutes.
Item – 7.03	Review of Institute Vision and Mission.
Discussion	The proposed Vision and Mission of the Institute was presented.
Resolution	BoS Members noted the Vision and Mission of the Institute and approved the same.
Item–7.04	Review of Department Vision, Mission, PEOs and PSOs.
Discussion	The proposed Vision, Mission, PEOs and PSOs of the department were presented.
Resolution	BoS Members noted the Vision, Mission, PEOs and PSOs of the department and approved the same.
Item–7.05	Review of Correlation between Vision and Mission statement of the Institute and Department, correlation between the department mission and PEOs.
Discussion	Correlation between the department's Vision and Mission, PEOs and POs were presented. BoS members suggested to check in the department mission and PEOs correlation.
Resolution	Resolved to approve the suggestion given by BoS members

Item-7.06	Review of Curriculum (R22) for UG-Chemical program.
Discussion	<ul style="list-style-type: none"> The R22 curriculum of UG – Chemical Program was presented. BoS Members have suggested to include Engineering Economics Course. BoS Members have suggested to include “Unit Processes for Chemical Engineers” Course instead of “Biochemical Engineering” course in the R22 curriculum.
Resolution	Resolved to approve the suggestion given by BoS members
Item-7.07	Review of R22 ratification for 1st and 2nd semesters.
Discussion	<p>The following ratification made in the 1st and 2nd semester of R22 Curriculum was presented.</p> <ul style="list-style-type: none"> “Calculus and Linear Algebra” in the 1st semester and “Partial Differential Equation and Transforms Techniques” in the 2nd semester Courses credits changed from 3 to 4. “Chemistry Laboratory” in the 1st semester and “Physics Laboratory” in the 2nd semester courses credits reduced from 2 to 1. Tamil Courses, “Heritage of Tamils” in the 1st semester and “Tamils and Technology” in the 2nd semester were included. “Introduction to Chemical Engineering” course title has been changed to “Fundamentals of Chemical Engineering”. “Problem Solving and Python Programming” theory and laboratory courses changed to “Problem Solving and C Programming” theory and laboratory courses in the 2nd semester.
Resolution	Resolved to approve the same.
Item-7.08	Review of 3 rd and 4 th semester syllabi for B.Tech.,- Chemical Engineering and service programs with CO-PO/PSO mapping
Discussion	<p>The syllabi of 3rd and 4th semester courses of R22 curriculum were presented.</p> <ul style="list-style-type: none"> BoS member have suggested to change the content of unit 1 in Heat Power Engineering course and also the title of the course. BoS Members have suggested to change the title of the 3rd unit and 4th unit of the course “Chemical Process Calculations”. BoS Members have suggested to refer the Anna University Curriculum (Regulations 2021) on preparing Verticals.
Resolution	Resolved to approve the same.

Item-7.09	Review on attainment of 2022 passed out students and target attainment fixed for next batch.
Discussion	CO- PO/PSO mapping and attainment for 2018-2022 batch of R17 Curriculum were presented. BoS members have suggested to improve the attainment level.
Resolution	Resolved to approve the decision
Item-7.10	Review of inclusion of Honour and Minor courses in R17.
Discussion	As per the direction from Anna University, the list of courses and syllabus for honour and minor courses included for 2021-2025 batch students was presented. BoS members have suggested to change the title of the Minor degree.
Resolution	Resolved to approve the decision
Item-7.11	Review of Panel of Examiners.
Discussion	The selection method of panel members for University examinations like Question paper setting, Scrutiny, Valuation and External Examiner for practicals were presented. The members have appreciated and approved the decision.
Resolution	Resolved to approve the decision
Item-7.12	Any other matter
Discussion	BoS members suggested to motivate the students to undergo the online courses. Also suggested to award credits to Industrial training/Internships. Its already incorporated in our curriculum (both in R17 and R22).
	Dr. A.Murugesan, Professor, Chemical Engineering, proposed vote of thanks.

Date: 29.05.2023


 29/5/2023
 Dr.N.Subramanian
 (Chairman/BoS – Chemical Engineering)


 29.5.23