



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,

Accredited by National Board of Accreditation (NBA), New Delhi &

National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade

PERUNDURAI -638 057, TAMIL NADU, INDIA.



Department of Chemical Engineering

7th BOARD OF STUDIES MEETING

04th January 2024 @ 10.00 am



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DEPARTMENT OF CHEMICAL ENGINEERING, MINUTES OF 7th BOARD OF STUDIES MEETING

Name of the Department : Chemical Engineering

Name of the Board : Chemical Engineering

Programmes : B Tech – Chemical Engineering
M Tech – Chemical Engineering


Date, Time & Mode : 04.01.2024 & 10.00 am & Offline / Online

Meeting Number : 07

Online meeting ID :
<https://us06web.zoom.us/j/89427821354?pwd=nZ8F5LbC3bUd69TIqyy4zhB4AxsYro.1>

AGENDA OF MEETING

BoS /Chemical 7.1	:	Welcome address and introduction of BoS members by Chairman.
BoS /Chemical 7.2	:	Confirmation of the Minutes of 6 th Board of Studies Meeting and Action taken report of 6 th Board of Studies meeting.
BoS /Chemical 7.3	:	Review of curriculum for the B.Tech Chemical Engineering programme offered under Regulations 2023.
BoS /Chemical 7.4	:	Review of syllabus for the III and IV semesters of B.Tech Chemical Engineering Programme offered under Regulations 2023.
BoS /Chemical 7.5	:	Review of curriculum for the M.Tech. Chemical Engineering programme offered under Regulations 2023.
BoS /Chemical 7.6	:	Review of syllabus for the III and IV semesters of the M.Tech. Chemical Engineering programme offered under Regulations 2023.

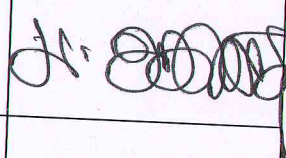

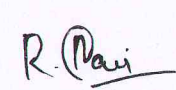
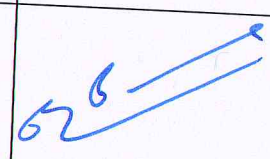
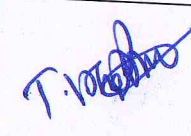

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BoS /Chemical 7.7	Review of curriculum of vertical courses included for the B.Tech Chemical Engineering programme offered under Regulation 2023.
BoS /Chemical 7.8	To review the syllabus of verticals for awarding Honors, Honors with Specialization and Minor Degree – B.Tech Chemical Engineering in Regulations 2019 for students admitted in the academic year 2021-22 onwards as per the Direction of Anna University(letter no 5749/AU/CAC/Honors/2022 dated 16.11.2022).
BoS /Chemical 7.9	Any Other Items

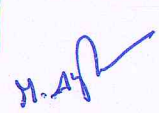


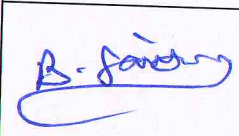
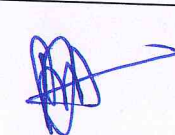
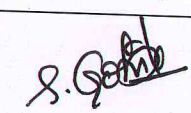
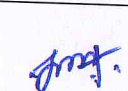

 Chairman - Bos
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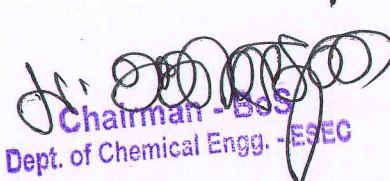
ANNEXURE – I

The following members presented in the Board of Studies Meeting


Sl. No	Name & Designation	Category	Members Present Online / off line
1.	Dr. P. Akilamudhan, Professor & Head, Department of Chemical Engineering, Erode Sengunthar Engineering College, Perundurai – 638 057.	Chairman	
2.	Dr. N. Jaya, Associate Professor, UCE, Department of Petrochemical Engineering, Anna University BIT Campus, Trichy.	University Nominee	
3.	Dr. R. Ravi, Professor, Department of Chemical Engineering, Faculty of Engineering and Technology, Annamalai University, Annamalai nagar, Chidambaram.	Academic Experts Nominated by Academic Council– subject experts from outside the parent University	
4.	Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli – 620015		Online
5.	Mr. K. Ramalingam, Operations Excellence Head, Mankind Pharma Ltd, New Delhi.	Representative from industry/ Corporate sector relating to placement	Online
6.	M. Kannan, Proprietor, Anna Pumps, Coimbatore.	Alumnus nominated by the Principal	Online
7.	Dr. R. Perumal, Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.	Internal Members (Entire Faculty members of Each specialization)	
8.	Dr. T. Usharani, Associate Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		


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9.	Dr. M. Aynul Rifaya, Associate Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		
10.	Dr. Amitha Sharma, Associate Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		
11.	Mr. V. Santhosh, Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		
12.	Mr. B. Sasikumar, Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		
13.	Mr. P. Selvaprakash, Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		
14.	Mrs. S. Gokila, Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		
15.	Mr. P. Ajay, Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.		


Chairman - BOS
Dept. of Chemical Engg. - ESEC

BoS / Chemical 7.1	:	<p>Welcome address and opening remarks by Chairman, Board of Studies in the Department of Chemical Engineering.</p> <p>Dr. P Akilamudhan, Professor and Head / Chemical, Chairman of Chemical Board of Studies welcomed the members. He presented the introduction and achievements of the department and briefed the agenda to be discussed followed by introduction of members present.</p>
BoS / Chemical 7.2	:	<p>Confirmation of the Minutes of 6th Board of Studies Meeting and Action taken report of 6th Board of Studies meeting.</p> <p>The Chairman, BoS of the Chemical Engineering presented the Minutes of 6th Board of Studies Meeting, which was held on 06.06.2023 and action taken report of the same.</p> <p>It was confirmed and ratified by the members.</p>
BoS / Chemical 7.3	:	<p>Review of curriculum for the B.Tech Chemical Engineering programme offered under Regulations – 2023.</p> <p>The Chairman, Chemical Board of studies presented the curriculum for the B. Tech Chemical Engineering programme offered under Regulations – 2023.</p> <p>Dr. N. Jaya, ASP / Petrochemical Engineering, Anna University BIT Campus, Trichy suggested</p> <ol style="list-style-type: none"> 1. To increase the credits from 3 to 4 for the problem-oriented courses in the B. Tech. Chemical Engineering curriculum 2. To reduce the credits for humanities courses and give more credits to professional core courses. 3. To check the possibility of removing mandatory courses like Universal Human Values and Understanding Harmony from the curriculum. <p>Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli suggested</p> <ol style="list-style-type: none"> 1. To increase the credits from 3 to 4 for the Chemical Process Calculations course. 2. To reduce the credit weightage given to chemistry courses and increase the weightage to professional core courses. 3. To increase the credit given to professional core or reduce the syllabus in the core according to the period allotted to 3 credit.


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	<ol style="list-style-type: none"> 4. To remove 23ES306 – Electrical and Electronics Engineering Laboratory course from the curriculum. 5. To split the Chemical Process Industries, course into Chemical Process Industries - I and Chemical Process Industries – II. <p>Dr. R. Ravi, Professor, Department of Chemical Engineering, Annamalai University, Chidambaram suggested</p> <ol style="list-style-type: none"> 1. To transfer the course 23ES204 - Principles of Electrical and Electronics Engineering theory and 23ES306 - Electrical and Electronics Engineering Laboratory to the lower semester. To transfer the technical communication laboratory to lower semester. 2. To reduce (if possible) the number of courses pertaining to quantitative aptitude and logical reasoning <p>Mr. K. Ramalingam, Operations Excellence Head, Mankind Pharma Ltd, New Delhi suggested:</p> <ol style="list-style-type: none"> 1. To establish a greater number of industry-supported laboratories. <p>The chairman assured to accept the valid points given by the BoS members and to incorporate the same while considering other key factors.</p> <p>The members of the Board of Studies accepted the curriculum for B.Tech. Chemical Engineering.</p>
BoS / Chemical 7.4	<p>Review of the syllabus for the III and IV semesters of the B.Tech. Chemical Engineering Program offered under Regulations 2023.</p> <p>The Chairman, Chemical Board of Studies, presented the syllabus for the III and IV semesters of the B. Tech. Chemical Engineering Program offered under Regulations 2023.</p> <p>Dr. N. Jaya, ASP / Petrochemical Engineering, Anna University BIT Campus, Trichy</p> <ol style="list-style-type: none"> 1. To incorporate the GATE syllabus into quantitative aptitude and logical reasoning courses in different semesters. 2. To incorporate a technology-oriented syllabus in 23CH301- Organic Chemistry for Chemical Engineers, rather than chemistry topics. <p>Dr. R. Ravi, Professor, Department of Chemical Engineering, Annamalai University, Chidambaram suggested that</p>


 Chairman, BoS
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	<p>1. To incorporate a technology-oriented syllabus in 23CH301- Organic Chemistry for Chemical Engineers, rather than chemistry topics.</p> <p>Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli suggested to</p> <p>1. Check the appropriateness of the course outcome and CO-PO mapping for every course.</p> <p>The members of the Board of Studies accepted the third and fourth semester syllabuses for B.Tech. Chemical Engineering.</p>
BoS/Chemical 7.5	<p>Review of curriculum for the M.Tech. Chemical Engineering programme offered under Regulations 2023.</p> <p>The Chairman Board of Studies presented the curriculum for the M.Tech. Chemical Engineering programme offered under Regulations 2023.</p> <p>Dr. N. Jaya, ASP / Petrochemical Engineering, Anna University BIT Campus, Trichy</p> <p>1. To impose internships for the PG students.</p> <p>Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli insisted to</p> <p>1. To give more credits to Project Phases I and II</p> <p>Dr. R. Ravi, Professor, Department of Chemical Engineering, Annamalai University, Chidambaram suggested to</p> <p>1. Include more advanced topics in each course that has been taught at the graduate level.</p> <p>Chairman accepted all the suggestions and agreed to incorporate</p> <p>The members of the Board of Studies approved the curriculum for M.Tech. Chemical Engineering.</p>
BoS /Chemical 7.6	<p>Review of the syllabus for the III and IV semesters of the M.Tech. Chemical Engineering program offered under Regulations 2023.</p> <p>Dr. N. Jaya, ASP / Petrochemical Engineering, Anna University BIT Campus, Trichy</p> <p>1. To include software topics wherever applicable in the syllabus.</p> <p>The chairman accepted all the suggestions and agreed to modify them. The members of the Board of Studies approved the third and fourth semester syllabuses for M. Tech Chemical Engineering.</p>


 Chairman - BOS
 Dept. of Chemical Engg. - ESEC