



# 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 **8<sup>th</sup> BOARD OF STUDIES MEETING**

**31<sup>st</sup> July 2024 @ 2.00 pm**



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## DEPARTMENT OF CHEMICAL ENGINEERING, MINUTES OF 8<sup>th</sup> 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 : 31.07.2024 & 2.00 pm & Online

Meeting Number : 08

Online Zoom meeting ID :  
<https://us06web.zoom.us/j/83301138852?pwd=B2yhuvaCNWpDxkfQlfEXcNHbTARwqd.1>

### AGENDA OF MEETING

BoS /Chemical 8.1	:	Welcome address and introduction of BoS members by Chairman.
BoS /Chemical 8.2	:	Confirmation of the Minutes of 7 <sup>th</sup> Board of Studies Meeting and Action taken report of 7 <sup>th</sup> Board of Studies meeting.
BoS /Chemical 8.3	:	Review of curriculum for the B.Tech Chemical Engineering programme offered under Regulations 2023 admitted in 2024.
BoS /Chemical 8.4	:	Review of syllabus for the V and VI semesters of B.Tech Chemical Engineering Programme offered under Regulations 2023 admitted in 2024.
BoS /Chemical 8.5	:	Review of curriculum for the M.Tech. Chemical Engineering programme offered under Regulations 2023 admitted in 2024.



BoS /Chemical 8.6	Any Other Items
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The following members were present:

Sl. No	Name & Designation	Category
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.	
5.	Mr. K. Ramalingam, Operations Excellence Head, Mankind Pharma Ltd, New Delhi.	Representative from industry/ Corporate sector relating to placement
6.	M. Kannan, Proprietor, Anna Pumps, Coimbatore.	Alumnus nominated by the Principal
7.	Dr. T. Usharani, Associate Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.	Internal Members (Entire Faculty members of Each specialization)

8.	Dr. V. Santhosh, Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.	
9.	Dr. M. Aynul Rifaya, Associate Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.	
10.	Dr. Amitha Sharma Assistant Professor / Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi.	

BoS / Chemical 8.1	:	<b>Welcome address and opening remarks by Chairman, Board of Studies in the Department of Chemical Engineering.</b>
		Dr. P. Akilamudhan, Chairman of the 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 an introduction of the members present.
BoS / Chemical 8.2	:	<b>Confirmation of the minutes of the 7<sup>th</sup> Board of Studies Meeting and action taken in the report of the 7<sup>th</sup> Board of Studies meeting.</b>
		The Chairman, BoS of Chemical Engineering, presented the minutes of the 7 <sup>th</sup> Board of Studies Meeting, which was held on January 4, 2024, and the action taken report on the same. The members confirmed and ratified it.
BoS / Chemical 8.3	:	<b>Review of curriculum for the B.Tech Chemical Engineering programme offered under Regulations 2023 admitted in 2024.</b>
		<p>The Chairman, Chemical Board of Studies, presented the curriculum for the B. Tech. Chemical Engineering program offered under Regulations 2023, admitted in 2024.</p> <p><b>Dr. N. Jaya, ASP / Petrochemical Engineering, Anna University BIT Campus, Trichy</b> suggested</p> <ol style="list-style-type: none"> <li>1. To conduct theory and practical separately for the subject 23CH603-Chemical Reaction Engineering and Iron Sponge.</li> <li>2. To modify the unit V syllabus of 23CH603—Chemical Reaction Engineering and Iron Sponge as per the industry requirement.</li> <li>3. To reduce the credits for quantitative aptitude and logical reasoning and give more credits to professional core courses.</li> </ol> <p><b>Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli</b> suggested</p>



		<ol style="list-style-type: none"> <li>1. To conduct the subject 23CH703 Chemical Process Equipment Design and Drawing as theory and practical separately instead of an embedded course.</li> <li>2. Introduce Thermodynamics and Organic Chemistry or Thermodynamics and Chemical Analysis Laboratory instead of Organic Chemistry Lab with equal weightage of experiments.</li> <li>3. To conduct theory and practical separately for the subject 23CH603-Chemical Reaction Engineering and Iron Sponge.</li> </ol> <p><b>Dr. R. Ravi, Professor, Department of Chemical Engineering, Annamalai University, Chidambaram</b> suggested</p> <ol style="list-style-type: none"> <li>1. To give a broad title for Unit II in the 23CH502 Mass Transfer Operations-I subject.</li> <li>2. To include the thermodynamics laboratory in the curriculum and syllabus.</li> <li>3. To include advanced chemical engineering courses in professional electives.</li> </ol>
BoS / Chemical 8.4	:	<p><b>Review of syllabus for the V and VI semesters of B.Tech Chemical Engineering Programme offered under Regulations 2023 admitted in 2024.</b></p> <p>The Chairman, Chemical Board of Studies, presented the syllabus for the V and VI semesters of the B. Tech. Chemical Engineering Program offered under Regulations 2023 admitted in 2024.</p> <p><b>Dr. R. Ravi, Professor, Department of Chemical Engineering, Annamalai University, Chidambaram</b> suggested</p> <ol style="list-style-type: none"> <li>1. To focus more on industry-oriented professional elective subjects and implement them as a core subject rather than other topics.</li> </ol> <p><b>Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli</b> suggested to</p> <ol style="list-style-type: none"> <li>1. To include a new topic related to "Material Characterization" in the Chemical Reaction Engineering and Iron Sponge subject.</li> </ol> <p><b>The members of the Board of Studies accepted the fifth and sixth semester syllabus for B.Tech. Chemical Engineering.</b></p>
BoS/Chemical 8.5		<p><b>Review of curriculum for the M.Tech. Chemical Engineering programme offered under Regulations 2023 admitted in 2024.</b></p>

The Chairman Board of Studies presented the curriculum for the M.Tech. Chemical Engineering programme offered under Regulations 2023 admitted in 2024.

**Dr. N. Jaya, ASP / Petrochemical Engineering, Anna University BIT Campus, Trichy**


1. Internship for PG students may be imposed.

**Dr. M. Matheswaran, Professor, Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli** suggested that

1. More credits may be given to Project Phases I and II

**Chairman accepted all the suggestions and agreed to incorporate**

**The members of the Board of Studies approved the curriculum for M.Tech. Chemical Engineering.**

  
CHAIRMAN  
BOARD OF STUDIES  
**Chairman - BoS**  
Dept. of Chemical Engg. - ESEC