



ERODE SENGUNTHAR ENGINEERING COLLEGE

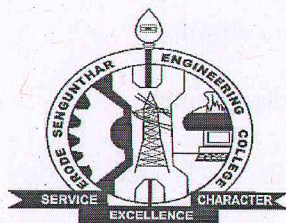
(An Autonomous Institution)

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

PERUNDURAI -638 057, TAMILNADU, INDIA.



Department of Biotechnology

4th BOARD OF STUDIES MEETING

19th May 2025 @ 3.00 pm

ZOOM ONLINE MEET

<https://us06web.zoom.us/j/81948358067?pwd=bEJyWcO958i3zb1UktiS1FUT90tc6b.1>



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DEPARTMENT OF BIOTECHNOLOGY

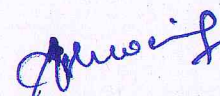
AGENDA OF 4th BOARD OF STUDIES MEETING

Name of the Department	:	Biotechnology
Name of the Board	:	Biotechnology
Programmes	:	B.Tech – Biotechnology
Date and Time & Mode	:	19.05.2025, 03.00pm&Online
Zoom Link	:	https://us06web.zoom.us/j/81948358067? pwd=bEJyWcO958i3zb1UktiS1FUT90tc6b.1
Meeting Number	:	04

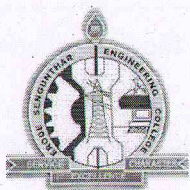
AGENDA OF THE MEETING

BoS /Biotech 4.1	:	Welcoming Board of Studies members and opening remarks by the Chairman, Board of Studies, Department of Biotechnology.
BoS /Biotech 4.2	:	Confirmation of the Minutes of 3 rd Meeting of Board of Studies in the Department of Biotechnology held on 31.07.2024 and Action taken report of 3 rd meeting of Board of Studies meeting.
BoS / Biotech 4.3	:	Inclusion of industry oriented course in the field of Industry 4.0 with Industrial Internet of Things in the 6 th semester B. Tech Biotechnology programme offered under Regulations 2023.
BoS / Biotech 4.4	:	Replacing the course “Problem Solving and Python Programming” with “Python Programming and AI” for the students admitted in the year 2025-26 for the B.Tech Biotechnology programme offered under Regulations 2023.

BoS / Biotech 4.5	:	Adding Video link of NPTEL course in reference of all the courses under regulations 2023
BoS / Biotech 4.6	:	Approval of fifth and sixth semester syllabus for the B. Tech Biotechnology offered under Regulations 2023.
BoS / Biotech 4.7	:	Approval of one credit courses offered for the students admitted under Regulations 2023
BoS / Biotech 4.8	:	Approval of list of external examiners for the valuation.
BoS / Biotech 4.9	:	Any other items



Chairman
BoS-Biotech



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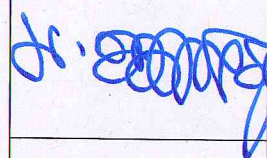

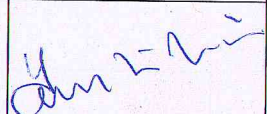


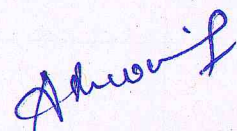
DEPARTMENT OF BIOTECHNOLOGY

ANNEXURE-I

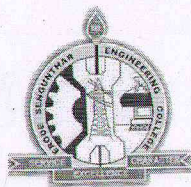
The following members were present:

Sl. No	Name & Designation	Category	Sign
1.	Dr. Ashwaniy V R V Associate Professor & Head / Department of Biotechnology, 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	Online
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	Online
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	Absent

6.	M. Kannan, Proprietor / Anna Pumps, Coimbatore.	Alumnus nominated by the Principal	Absent
7.	Dr. P. Akilamudhan, Professor & Head / Department of Chemical Engineering, Erode Sengunthar Engineering College	Internal Members (Entire Faculty members of Each specialization)	
8.	S. Kanimozhi, Assistant Professor / Biotechnology, Erode Sengunthar Engineering College		
9.	Mr. L.P. Ananthbalaji, Assistant Professor / Biotechnology, Erode Sengunthar Engineering College		



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DEPARTMENT OF BIOTECHNOLOGY

BoS /Biotech 4.1	:	Welcome address and opening remarks by Chairman, Board of Studies in the Department of Biotechnology. Discussion Dr. Ashwaniy V R V, Chairman of the Chemical Board of Studies, welcomed the members. She presented the introduction and achievements of the department and briefed the agenda, followed by an introduction of the members present.
BoS /Biotech 4.2	:	Confirmation of the minutes of the 4 th Board of Studies Meeting and action taken in the report of the 4 th Board of Studies meeting. Discussion The Chairman, BoS of Biotechnology, presented the minutes of the 3 rd Board of Studies Meeting, which was held on July 31, 2024, and the action taken report on the same. Resolution It is resolved to present the ratification of the minutes of the 3 rd Board of Studies Meeting and action taken in the report of the 3 rd Board of Studies meeting to the Academic Council.
BoS /Biotech 4.3	:	Inclusion of industry oriented course in the field of Industry 4.0 with Industrial Internet of Things in the 6 th semester B. Tech Biotechnology programme offered under Regulations 2023. Discussion The Chairman, Chemical Board of Studies, presented the curriculum for the B. Tech. Biotechnology program offered under Regulations

		<p>2023 presented the syllabus of 23BT606 - Industry 4.0 with Industrial Internet of Things.</p> <p>Dr. N. Jaya suggested that the above subject should be handled by experts in the field of Internet of Things</p> <p>Resolution</p> <p>The members of BoS had seen the syllabus and recommended the curriculum and syllabus for the B.Tech Biotechnology programme offered under Regulations 2023 to the Academic Council</p>
BoS /Biotech 4.4	:	<p>Replacing the course “Problem Solving and Python Programming” with “Python Programming and AI” for the students admitted in the year 2025-26 for the B.Tech. Biotechnology programme offered</p> <p>Discussion</p> <p>The Chairman, Chemical Board of Studies, presented the syllabus “Python Programming and AI” for the students admitted in the year 2025-26 for the B.Tech. Biotechnology programme offered</p> <p>Resolution</p> <p>The members of BoS had gone through the syllabus of “Python Programming and AI” and recommend for the students admitted in the year 2025-26 to the Academic Council</p>
BoS/Biotech 4.5	:	<p>Adding Video link of NPTEL course in reference of all the courses under regulations 2023</p> <p>Discussion</p> <p>The Chairman Board of Studies presented the NPTEL video links of all the subjects for the B. Tech. Biotechnology program offered under Regulations 2023.</p> <p>Resolution</p> <p>The members of BoS gone through the NPTEL video links of all the subjects for the B. Tech. Biotechnology program offered under Regulations 2023and recommend to the Academic Council.</p>
BoS/Biotech 4.6	:	<p>Approval of fifth and sixth semester syllabus for the B.Tech. Biotechnology programme offered under Regulations 2023.</p> <p>Discussion</p> <p>The Chairman Board of Studies presented the fifth and sixth semester syllabus for the B.Tech. Biotechnology programme offered under Regulations 2023.</p>

	<p>Dr. N. Jaya, Associate Professor, UCE, Department of Petrochemical Engineering, Anna University BIT Campus,</p> <p>Dr. R. Ravi, Professor / Department of Chemical Engineering, Faculty of Engineering and Technology, Annamalai University, Chidambaram</p> <p>Dr. M. Matheswaran, Professor / Department of Chemical Engineering, National Institute of Technology, Trichy, suggested to check the content correlation in the syllabus of Bioprocess Principles and Separation Process Principles</p> <p>Resolution</p> <p>The members of BoS had gone through the curriculum and syllabus for the fifth and sixth semester for the B. Tech. Biotechnology program offered under Regulations 2023 and recommend to the Academic Council.</p>
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BoS/Biotech 4.7	:	Approval of one credit courses offered for the students admitted under Regulations 2023.																													
		Discussion																													
		The Chairman Board of Studies presented the following one credit course for the B.Tech. Biotechnology programme offered under Regulations 2023.																													
		<table><tr><th>S. No.</th><th>Name of the Course</th><th>Institute offering the course</th><th>Duration</th><th>Credit</th></tr><tr><td>1.</td><td>Bioreactors</td><td>IIT Madras</td><td>4 weeks</td><td>1</td></tr><tr><td>2.</td><td>Introduction to Dynamical Models in Biology</td><td>IIT Guwahathi</td><td>4 weeks</td><td>1</td></tr><tr><td>3.</td><td>Protein and Gel-Based Proteomics</td><td>IIT Bombay</td><td>4 weeks</td><td>1</td></tr><tr><td>4.</td><td>Biomedical Nanotechnology</td><td>IIT Roorkee</td><td>4 weeks</td><td>1</td></tr></table>					S. No.	Name of the Course	Institute offering the course	Duration	Credit	1.	Bioreactors	IIT Madras	4 weeks	1	2.	Introduction to Dynamical Models in Biology	IIT Guwahathi	4 weeks	1	3.	Protein and Gel-Based Proteomics	IIT Bombay	4 weeks	1	4.	Biomedical Nanotechnology	IIT Roorkee	4 weeks	1
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4.	Biomedical Nanotechnology	IIT Roorkee	4 weeks	1																											

5.	Neurobiology	IIT Kanpur	4 weeks	1
6.	Electrophysiology of Heart	IIT Kharagpur	4 weeks	1

Resolution

The members of BoS gone through the one credit courses for the B. Tech. Biotechnology program offered under Regulations 2023 and recommend to the Academic Council.

Approval of list of external examiners for the valuation.

Discussion

The Chairman Board of Studies presented the following list of external examiners lab and theory paper evaluation.

1. P. Saileswaran
ASP/Biotechnology
Paavai Engineering College
sailles10.p@gmail.com
+91 76958 15802
2. Dr. Mr. K. Vignesh
Assistant Professor,
Department of Biotechnology,
Paavai Engineering College
Namakkal-637018
vikki050193@gmail.com
Mob.No:8610011045/9629058526
3. Dr. Rengesh Balakrishnan
ASP/BT
KSRCT
rengeshbalakrishnan@ksrct.ac.in
+91 98419 97754
4. P. Ramalingam,
Professor,
Department of Bio Technology,
Sri Ventakeswara Hitech Engineering College,
ramalingamponnaveen@gmail.com


BoS / Biotech 4.8 :

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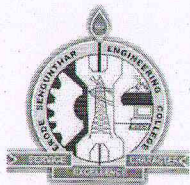
5. Dr. A. Sakthi Saravanan, Assistant Professor,
Department of Petro Chemical Engineering, RVS
College of Engineering and Technology,
sakthisaravanan@rvsgroup.com
9585557545

Resolution

The members of BoS gone through the list of external examiners lab and theory paper evaluation for the B. Tech. Biotechnology programs offered under Regulations 2023 and recommend to the Academic Council.



Chairman
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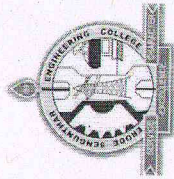
DEPARTMENT OF BIOTECHNOLOGY MINUTES OF 4th BOARD OF STUDIES MEETING Screen Shot

Name of the Department : Biotechnology
Name of the Board : Biotechnology
Programmes : B.Tech – Biotechnology
Date and Time & Mode : 19.05.2025, 03.00pm & Online
Zoom Link : [https://us06web.zoom.us/j/81948358067?](https://us06web.zoom.us/j/81948358067?pwd=bEjYWcO958i3zb1UktiS1FUT90tc6b.1)
[pwd=bEjYWcO958i3zb1UktiS1FUT90tc6b.1](https://us06web.zoom.us/j/81948358067?pwd=bEjYWcO958i3zb1UktiS1FUT90tc6b.1)
Meeting Number : 04

Screen Shot



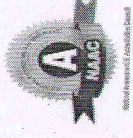
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DEPARTMENT OF BIOTECHNOLOGY

4th Board of Studies Meeting

Venue: Department of Biotechnology,

Date & Time: 19.05.2025 & 3.00 pm

Action Taken Report

Sl. No.	Name of the Expert	Suggestion Given	Action Taken	Remarks
1	1.Dr. N. Jaya, Associate Professor, UCE, Department of Petrochemical Engineering, Anna University, BIT Campus, 2.Dr. R. Ravi, Professor / Chemical Engineering, Faculty of Engineering and Technology, Annamalai University, Chidambaram 3.Dr. M. Matheswaran, Professor / Chemical Engineering, National Institute of Technology, Trichy,	Suggested to check the content correlation in the syllabus of Bioprocess Principles and Separation Process Principles	To be considered	

Agreed

Chairman
BoS - Biotech