ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638 057

8th ACADEMIC COUNCIL MEETING

28th June 2023 @ 11.00am

<u>VENUE</u>

CONFERENCE HALL - ESEC

ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

PERUNDURAI, ERODE - 638 057

EIGHTH ACADEMIC COUNCIL MEETING

28th June 2023 @ 11.00am

AGENDA

ITEM NO.	PARTICULARS
	WELCOMING & INTRODUCTION
Item 8.1	To Confirm the minutes of Seventh Academic Council Meeting held on 27th July 2022.
Item 8.2	To discuss and approve the Minutes of Sixth Board of Studies meeting conducted by the following departments. ✓ Bio Medical Engineering ✓ Electrical and Electronics Engineering ✓ Electronics and Communication Engineering ✓ Electronics and Instrumentation Engineering ✓ Civil Engineering ✓ Information Technology ✓ Chemical Engineering ✓ Master of Business Administration ✓ Master of Computer Applications
Item 8.3	To discuss and approve the Minutes of Seventh Board of Studies meeting conducted by Science and Humanities, Mechanical Engineering and Computer Science and Engineering department.
Item 8.4	To discuss and approve the Minutes of Fourth Board of Studies meeting conducted by following departments. ✓ Robotics and Automation ✓ Artificial Intelligence and Data Science ✓ Agricultural Engineering
Item 8.5	To consider and approve the Regulations 2023 (CBCS) for the UG and PG programmes. ✓ Regulations 2023 – UG – B.E/B.Tech. ✓ Regulations 2023 – PG – M.Tech. [5 Year Integrated] ✓ Regulations 2023 – PG – M.E./M.Tech./MCA ✓ Regulations 2023 – PG - MBA
Item 8.6	To discuss and approve the curriculum and syllabus under Regulations 2023 (CBCS) for the UG Programmes. 1. B.E. Civil Engineering

	2. B.E. Computer Science and Engineering
	3. B.E. Electrical and Electronics Engineering
	4. B.E. Electronics and Communication Engineering
	5. B.E. Electronics and Instrumentation Engineering
	6. B.E. Biomedical Engineering
	7. B.E. Mechanical Engineering
	8. B.E. Mechanical Engineering [Tamil Medium]
	9. B.E. Computer Science and Design
	10. B.E. Robotics and Automation
	11. B.Tech. Information Technology
	12. B.Tech. Chemical Engineering
	13. B.Tech. Agricultural Engineering
	14. B.Tech. Artificial Intelligence and Data Science
	15. B.Tech Biotechnology
Item 8.7	To discuss and approve the curriculum and syllabus under Regulations 2023 (CBCS) for the PG Programmes. 1. M.Tech Computer Science and Engineering [5 Year Integrated] 2. M.E. Applied Electronics 3. M.E. Computer Science and Engineering 4. M.E. Power Electronics and Drives 5. M.E. Industrial Safety Engineering 6. M.E. Manufacturing Engineering 7. M.E. Environmental Engineering 8. M.E. Structural Engineering 9. M.Tech. Chemical Engineering 10. Master of Business Administration 11. Master of Computer Applications
Item 8.8	To consider and approve verticals for awarding honors, honors with specializations and minor degree under Regulations 2019 (R-19).
Item 8.9	To discuss and approve the Results of End Semester Examinations Nov/Dec 2022 and April/May 2023 (Except second semester).
Item 8.10	To consider and approve the Examinations Reforms to be implemented from the session Nov/Dec 2023 examinations.
Item 8.11	To consider and approve the Question Paper pattern for the Regulations 2023 (R-23).
Item 8.12	**Any other Matters:** Implementing the procedure for retention and disposal of answer scripts –Approval request.
VOTE OF THANKS	

ERODE SENGUNTHAR ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Perundurai, Erode - 638 057

MINUTES OF 8th ACADEMIC COUNCIL MEETING

Date and Time   : 28.06.2023 and 11.00 AM

Venue   : Conference Hall, ESEC

The Meeting began with the welcome address by Dr.V. Venkatachalam. Principal and Chairman of the Academic Council, Erode Sengunthar Engineering College.

➢ The Chairman introduced the new nominees of Academic Council.

➢ He outlined briefly the various infrastructure development which has been carried out in the Institution for this academic year.

Followed by the Chairman's address, Dr.R.Muthukumar, Controller of Examinations and the Convener of the Academic Council Meeting, presented all the items of the agenda in the meeting.

ITEM: AC:8.1	To confirm the minutes and Action taken Report of the Seventh Academic Council Meeting held on 27th July 2022.

➢ The minutes of the 7th Academic Council meeting held on 27/07/2022 were communicated to the members vide Email. The comments received have been incorporated and placed for confirmation.

➢ After discussion the committee approved the minutes and Action taken report of the 7th Academic Council Meeting.

ITEM: AC:8.2	To discuss and approve the Minutes of Sixth Board of Studies meeting conducted by the following departments. • Bio Medical Engineering • Electrical and Electronics Engineering • Electronics and Communication Engineering • Electronics and Instrumentation Engineering • Civil Engineering • Information Technology • Chemical Engineering • Master of Business Administration • Master of Computer Applications

➢ The convener presented the Agenda and Minutes of Sixth Board of Studies meeting conducted by various departments.

➢ The members suggested that the students may take open book test during library hour or any other hour, so that they can refer maximum text books and reference books.

➢ And also, they recommended to set up a centralized IoT laboratory, so that students of

all discipline can be benefitted.

➢ For B.E. Civil Engineering, it is suggested to include code books in reference books column in the syllabus for the design/analytical Courses.

➢ For B.Tech. IT, the members asked to reduce the range of credits as 160 -165. And also, they suggested to include the course, "Full Stack development" in the 5th semester.

➢ In BOS Minutes of MBA, the members pointed out the typographical error in the word "POSH ACT" , as it is mistyped as "POSHA".

After discussion the committee approved the minutes of Sixth Board of Studies meeting conducted by various departments given in Item 8.2.

ITEM: AC:8.3	To discuss and approve the Minutes of Seventh Board of Studies meeting conducted by Science and Humanities, Mechanical Engineering and Computer Science and Engineering department.

➢ The convener presented the agenda and minutes of seventh board of studies meeting conducted by various department.

➢ It is suggested to include engineering department faculty member in the Science and Humanities Board of study Meeting while discussing Mathematics syllabus.

➢ The ACM members proposed to check the possibility of the inclusion of the course "Digital Electronics Laboratory" in the curriculum of BE - CSD. And also, they suggested to offer the course in embedded mode.

➢ The members briefed about the importance of including the Basic Core subjects (like Microprocessor, Digital Electronics etc.) to get a strong foundation.

➢ In M.Tech-CSE(5 Years Integrated) curriculum, the members suggested to include the Courses, "Microprocessors and Microcontrollers".

After discussion the committee approved the minutes of Seventh Board of Studies meetingconducted by various departments given in Item 8.3.

ITEM: AC:8.4	To discuss and approve the Minutes of Fourth Board of Studies meeting conducted by following departments. • Robotics and Automation • Artificial Intelligence and Data Science • Agriculture Engineering

➢ The convener presented the Agenda and Minutes of Fourth Board of Studies meeting conducted by various department.

➢ The ACM members suggested to check the possibility of including Drone based Agriculture Laboratory in B.Tech.-Agricultural Engineering programme.

After discussion the committee approved the minutes of Fourth Board of Studies meeting conducted by various departments given in Item 8.4.

ITEM: AC:8.5	To consider and approve the following Regulations 2023 (CBCS) for the UG and PG programmes. • Regulations 2023 – UG – B.E/B.Tech • Regulations 2023 – PG – M. Tech [5 Year Integrated] • Regulations 2023 – PG – M.E/M.Tech/MCA • Regulations 2023 – PG - MBA

➢ The convener presented the Regulations (UG & PG) for the B.E./B.Tech./M.E/M.Tech/MBA/MCA/M.Tech [5 Year Integrated] Programmes.

➢ The ACM members suggested that NPTEL courses should not be made as mandatory.

➢ The members suggested that each and every student must undertake at least one project work exclusively apart from the project work carried out by the student as per the curriculum.

After discussion the committee approved the Regulations (UG & PG) for the B.E./B.Tech./M.E/M.Tech/MBA/MCA/M.Tech [5 Year Integrated] Programmes.

ITEM: AC: 8.6	To discuss and approve the curriculum and syllabus for Regulation 2023 (CBCS) for the UG & PG Programmes. • B.E. Civil Engineering • B.E. Computer Science and Engineering • B.E. Electrical and Electronics Engineering • B.E. Electronics and Communication Engineering • B.E. Electronics and Instrumentation Engineering • B.E. Biomedical Engineering • B.E. Mechanical Engineering • B.E. Mechanical Engineering [Tamil Medium] • B.E. Computer Science and Design • B.E. Robotics and Automation • B.Tech. Information Technology • B.Tech. Chemical Engineering • B.Tech. Agricultural Engineering • B.Tech. Artificial Intelligence and Data Science • B.Tech. Biotechnology • M.Tech. Computer Science and Engineering [5 Year Integrated] • M.E. Applied Electronics • M.E. Computer Science and Engineering • M.E. Power Electronics and Drives • M.E. Industrial Safety Engineering • M.E. Manufacturing Engineering • M.E. Environmental Engineering • M.E. Structural Engineering • M.Tech. Chemical Engineering • Master of Business Administration • Master of Computer Applications

➢ The convener presented the curriculum and syllabus for Regulation 2023 (CBCS) for the B.E./B.Tech./M.E/M.Tech/MBA/MCA/M.Tech [5 Year Integrated] Programmes.

> The ACM members recommended to include the course, "Internet of Things" as Professional Core for all the disciplines rather than providing the same as an Open Elective Course.

> The ACM members recommended to limit the maximum range of credits as 165.

After discussion the committee approved the curriculum and syllabus for Regulation 2023 (CBCS) for the UG & PG Programmes.

ITEM: AC: 8.7	To consider and approve verticals for awarding honors, honors with specializations and minor degree under Regulation 2019 (R-19).

> The convener presented the verticals for awarding honors, honors with specializations and minor degree.

> The members suggested to limit the number of verticals/vertical courses for awarding honors, honors with specializations and minor degree under Regulation 2019 (R-19).

> After discussion the committee approved the verticals for awarding honors, honors with specializations and minor degree under Regulation 2019 (R-19).

ITEM: AC: 8.8	To discuss and approve the Results of End Semester Examinations Nov/Dec 2022 and April/May 2023 (Except second semester).

> The convener presented the Results of End Semester Examinations Nov/Dec 2022 and April/May 2023 (Except second semester).

> The members enquired about the result pulling subjects and suggested to reframe the Mathematics/Physics syllabus as department specific.

After discussion the committee approved the Results of End Semester Examinations Nov/Dec 2022 and April/May 2023.

ITEM: AC: 8.9	To consider and approve the Examinations Reforms to be implemented from the session Nov/Dec 2023 examinations onwards for all regulations.

> The convener presented the Examinations Reforms to be implemented from the session Nov/Dec 2023 examinations onwards for all regulations. After discussion the committee

Approved for involving 50% internal faculty members and 50% external faculty members in Question paper setting.

Approved for involving 50% internal faculty members and 50% external faculty members in End semester examination Theory Valuation.

Also Suggested to conduct End Semester Theory examination without involving external examiners for the invigilation purpose.

> After discussion the committee approved the same.

ITEM: AC: 8.10	To consider and approve the Question Paper pattern for End semester Examinations under Regulation (R-23).

> The convener presented the Question Paper pattern for the Regulation (R-23) for the UG and PG students admitted in the year 2023-24 onwards.

QP Pattern (Subjects other than English and Engineering Graphics)

PARTS	No of Questions	Marks for each questions	Total Marks	Choices	Question Nos.
A	10	2	20	No choices will be given	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
B	5	16	80	Either or Pattern	11.(a) Or 11.(b), 12.(a) Or 12.(b), 13.(a) Or 13.(b), 14.(a) Or 14.(b), 15.(a) Or 15.(b)

QP Pattern – English Subject:

PARTS	No of Questions	Marks for each questions	Total Marks	Choices	Question Nos.
A	10	2	20	No choice is given	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
B	5	16	80	Except 11.(a) , all other questions will be in Either / Or Pattern	11.(a), 12.(a) Or 12.(b), 13.(a) Or 13.(b), 14.(a) Or 14.(b), 15.(a) Or 15.(b)

QP Pattern - Engineering Graphics

No of Questions	Marks for each questions	Total Marks	Choices	Question Nos.
5	20	100	Either or Pattern	11.(a) Or 11.(b) , 12.(a) Or 12.(b), 13.(a) Or 13.(b), 14.(a) Or 14.(b), 15.(a) Or 15.(b)

> After discussion the committee approved the same

ITEM: AC: 8.11	Any other Matters: ✓ Approval request to implement the retention and disposal of Answer booklets/ Answer sheets

> The convener requested for the approval of the disposal of used answer booklets/ Answer sheets four years after the publication of revaluation results of each session.
> The committee accepted and approved to dispose the used answer booklets/ Answer

sheets, provided that the CoE office ensures that each and every student get enough awareness about addressing their grievances regarding examination system (such as, revaluation of answer scripts followed by challenging the revaluation), so that the Institution may not have any legal issues.

Other suggestions by ACM members:

➢ It is insisted to check the English Proficiency of the students by Non-English department faculty.

➢ ACM members insisted to make all students to do Case Studies / interdisciplinary projects, so that they can be extended to Publish Patent.

The Chairman of the Academic Council thanked all the members for their appreciative remarks and suggestions.

Chairman – Academic Council

Chairman
Academic Council
Erode Sengunthar Engineering College

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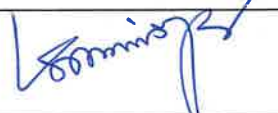### PERUNDURAI, ERODE - 638 057
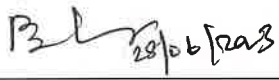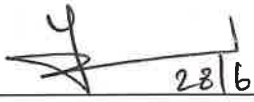
ACADEMIC COUNCIL MEETING – ATTENDANCE

Meeting No. : 08

Date & Time : 28-06-2023 @ 11:00 AM

Venue : Conference Hall

S.No.	Name of the Member	Designation	Signature
1.	Dr. V. Venkatachalam, Principal, Erode Sengunthar Engineering College, Perundurai, Erode .	Principal (Chairman)	
2.	Dr. R. Rajeswari, Professor, Department of Electrical & Electronics Engg, Government College of Technology, Coimbatore.	University Nominee	
3.	Dr.C.Sivanesan, Professor, Dept. of Civil Engineering, Govt. College of Engineering , Srirangam, Trichy.		
4.	Dr. S. Muralidharan, Professor, Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai.		
5.	Dr. P.Palanisamy, Professor, Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli.	Academic Expert -External	
6.	Dr. T Senthil Kumar, Associate Professor, Amrita School of Computing, Amrita Vishwa Vidyapeetham, Coimbatore.	Academic Expert -External	
7.	Dr Anbalagan Thangavel Senior Technical Project Manager, Robert Bosch Engineering and Business Solutions Ltd, Coimbatore.	Industrial Expert	

S.No.	Name of the Member	Designation	Signature
8.	Thiru. S. Ananthakrishnan DGM (Plant Engg. And Lean Initiatives), Ashok Leyland Ltd, Hosur.	Industrial Expert	
9.	Dr. R. Muthukumar	Convener –ACM Controller of Examinations	
10.	Dr. P. G. Palanimani	HoD/Mathematics	
11.	Dr. S. Senthilvelavan	Director – Science & Humanities	
12.	Dr. T. S. Senthil	HoD/Physics	
13.	Dr. M. Prabhakaran	HoD/Chemistry	
14.	Prof. Solomon V Anbuchelvan	HoD/English	
15.	Dr. P. Selvan	HoD/EEE	
16.	Dr. G. Sivakumar	HoD/CSE	
17.	Dr. P. Akilamudhan	HoD/Chemical	
18.	Dr. M. P. Thiruvenkatasuresh	HoD /IT	
19.	Dr. K. M. Gopalakrishnan	HoD/Civil	
20.	Dr. S. Poorani	HoD/BME	
21.	Dr. Y. Robinson	HoD/R&A	
22.	Dr. M. Pandian	HoD/Mechanical	
23.	Dr. S. Bharathidasan	HoD/ECE	
24.	Dr. G. Saravanan	HoD/AI&DS	

S.No.	Name of the Member	Designation	Signature
25.	Dr. M. Shyamalagowri	Member Secretary – ACM	
26.	Prof .T. Marismurugan	HoD/EIE	
27.	Dr. M. Thangavel	HoD/MCA	
28.	Dr. A. Ravisankar	HoD/MBA	
29.	Dr. P. Karunakaran	Director- Placement	
30.	Dr. S. Karthick	Director- IIPC	

Place: Perundurai
Date: 28.06.2023

Chairman – Academic Council

Chairman
Academic Council
Erode Sengunthar Engineering College

ANNEXURE

Snap Shots of 8th Academic Council Meeting

Date, Time & Mode   : 28.06.2023 – 11.00 AM

Venu   : Conference Hall, ESEC

Academic Council Members Visited Incubation Centre at ESEC