

Minutes of 14th Academic Council Meeting

PAAVAI ENGINEERING COLLEGE
(Autonomous)

NH-44, PACHAL, NAMAKKAL-637018.

MINUTES OF THE 14th ACADEMIC COUNCIL MEETING

Minutes of the 14th Academic Council Meeting held on **07.08.2025** at 09.30 A.M. in GD Hall of Temple Tower, Paavai Engineering College (Autonomous), Namakkal under the Chairmanship of Dr.M.Premkumar, Principal.

The following are the Academic Council members:

Dr.M.PREMKUMAR	Chairman, Academic Council	
Heads of the Departments		
Dr.R.ARRAVIND	Professor & HoD/Aero	
Dr.T.ARUN KUMAR	Professor & HoD/BME	
Prof.K.SHARMILADEVI	Associate Professor & HoD/Civil	
Dr.D.BANUMATHI	Professor & HoD/CSE	
Dr.P.SRINIVASAN	Professor & HoD/CSE(AI&ML)	
Dr.M.RAMESH KUMAR	Professor & HoD/CSE(IoT)	
Dr.P.MUTHUSAMY	Professor & HoD /Cyber Security	
Dr.R.MOHANA PRIYA	Associate Professor & HoD/ECE	
Dr.G. BALAJI	Professor & HoD/EEE	
Dr.A.P.SIVA SUBRAMANIAM	Professor & HoD/Mech, Safety & Fire	
Dr.D.R.P.RAJARATHNAM	Professor & HoD/MCT	
Dr.V.SUBBURAM	Professor & HoD/R&A	
Dr.B.KAILASHKUMAR	Associate Professor & HoD/Agri.	
Dr.A.MANIKANDAN	Professor & HoD/AI&DS	
Dr.C. NIRMALA	Professor & HoD/Biotechnology	
Dr.P.JAYAKARAN	Associate Professor & HoD/Chemical	
Dr.S.KAILASH	Professor & HoD/Food	
Dr.B.VENKATESAN	Professor & HoD/IT	
Dr.R.PRAVEEN CUMAR	Professor & HoD/Pharma	
Prof.S.DINAKARAN	Professor & HoD/S&H	
Dr.G.RAJA	Professor & HoD/Chemistry	
Dr.R.SHANTHI	Professor & HoD/English	
Dr.M.SATHISH KUMAR	Professor & HoD/Mathematics	
Dr.T.KRISHNAKUMAR	Professor & HoD / Physics	
Dr.N.SWARNALATHA	Professor & HoD /MBA	
Prof.M.SENTHILVELAN	Professor & HoD/MCA	

Four Teachers of the College		
Dr.S.MANIRAJ	Associate Professor, Mechanical	J.S. Maniraj
Dr.C.ARULKUMAR	Associate Professor, EEE	C. Arulkumar
Dr.G.MADASAMY RAJA	Professor, IT	G.M. Madasamy Raja
Dr.N.GEETHA	Associate Professor, Chemistry	N. Geetha
Experts		
Dr.ARUL PRAKASH JOTHI (Academic Expert)	Director – Innovation, Professor/Mechanical, Jain Global Campus, Bangalore	Arul Prakash Jothi
Dr.B.GANGADHARA RAO (Industry Expert)	Vice President, IIGM Pvt Ltd, Bangalore	B. Gangadhara Rao
Dr.R.SANTHANAM (Scientist)	Senior Scientist, DRDL, Hyderabad	R. Sathanam
Dr.S.SUDHA (Medicine)	Civil Surgeon, Govt. Primary Health Centre, Pudhuchathiram, Namakkal	S. Sudha
University Nominees		
Dr.T.BALUSAMY	Professor & Head, Department of Mechanical Engineering, Government College of Engineering, Salem.	ABSENT
Dr.R.THENMOZHI	Professor & Head, Department of Civil Engineering, Government College of Technology, Coimbatore	R. Thenmozhi
Dr.P.RAMADEVI	Associate Professor, Department of Electronics and Communication Engineering, UCE, BIT Campus, Anna University, Tiruchirappalli	P. Ramadevi
Controller of Examinations		
Dr.B.MURALI BABU	Controller of Examinations	B. Murali Babu
Special Invitees		
Dr.K.K.RAMASAMY	Director- Administration, Paavai Institutions	K. K. Ramasamy
Dr.R.RKRISHNAMURTHY	Director – Centre for Research	R. R. Krishnamurthy
Dr.K.SUNDARA MURTHY	Professor/Mech & IQAC – Coordinator	K. Sundara Murthy
Prof.KAMALA KRISHNAMURTHY	Head, Paavai Innovation Forum (PIF)	K. Kamala Krishnamurthy
Mr.R.THAMARAISELVAN	Head, Placement and Training	R. Thamaraiselvan
Mr.N. SANTHANARAJA	Director of Physical Education	N. Sathanaraja
Member Secretary/ Academic Council		
Dr.K.SELVI	Dean Academics	K. Selvi

The meeting commenced with the welcome address by Dr. R. Arravind, Professor and Head of the Department of Aeronautical Engineering.

Following the welcome address, Dr.K.Selvi, the Member Secretary of the Academic Council, presented the Institution's Vision and Mission. She also highlighted the notable achievements of Paavai Engineering College. In summary, she outlined the key agenda items for the meeting.

The following agenda items are considered and approved by the 14th Academic Council Meeting.

14.01 To confirm the minutes of 13th Academic Council meeting held on 25th January 2025.

The minutes of the 13th Academic Council meeting held on 25.01.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the council.

- Suggestions given at the 13th Academic Council Meeting
- Action taken report for 13th Academic Council Meeting

14.02 To consider and recommend the increased intake for Degree Programmes in the Academic Year 2025-2026 with 19 UG, 7 PG and 5 Ph.D. Programmes to the Governing Council

INCREASED INTAKE OF PROGRAMMES

S.No	Name of the Course	Existing Intake 2024-25	Approved Intake 2025-26
1	B.E. – Computer Science and Engineering	240	300
2	B.Tech. – Artificial Intelligence & Data Science	120	180
3	B.Tech. – Information Technology	180	240

Resolved to recommend the same

14.03 To consider and approve the number of admissions for UG and PG Degree Programmes at Paavai Engineering College for the Academic Year 2024–2025.

Resolved to approve the same

14.04 To consider and approve the Regulations 2023, the Amendments to the Regulations and the Curriculum for the Academic Year 2025–2026 for UG and PG Degree Programmes of Paavai Engineering College.

Resolved to approve the same

- Amendments in Regulations 2023(CBCS) and Curriculum – *Annexure A*

14.05 To consider and approve the minutes of standing committee meeting held in the academic year 2024-2025 of Paavai Engineering College

Resolved to approve the same

- Readmission *Annexure B*
- BOS Suggestions and Implementation - *Annexure C*

14.06 To consider and approve the implementation of Board of Studies suggestions across departments

Based on the Vision, Mission, Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) of various departments, along with feedback from stakeholders and deliberations during Board of Studies meetings, the following key actions have been implemented to enhance curriculum relevance and improve graduate outcomes:

- Courses have been carefully selected to enhance employability, entrepreneurship, skill development, and to meet current industry requirements.
- The syllabi have been framed in alignment with emerging trends, technological developments, and stakeholder expectations.

Resolved to approve the same

AGENDA FROM DEPARTMENT OF AERONAUTICAL ENGINEERING

Dr.R.Arravind, Chairman, Aeronautical Engineering moved the following items based on the decision of the Board of Studies in Aeronautical Engineering

Dr. M. PREMKUMAR, M.E., Ph.D.,
PRINCIPAL
PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)

AERO 14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with Specialization and Minor Degree Programme (aerospace engineering) for UG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.T.Arunkumar, Chairman, BioMedical Engineering moved the following items based on the decision of the Board of Studies in Bio Medical Engineering.

BME 14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with Specialization and Minor Degree Programme (applied biomedical technology) for UG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF CIVIL ENGINEERING

Prof.K.Sharmiladevi, Chairman, Civil Engineering moved the following items based on the decision of the Board of Studies in Civil Engineering

CIVIL 14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (building construction) for UG & PG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.D.Banumathi, Chairman, Computer Science and Engineering moved the following items based on the decision of the Board of Studies in Computer Science and Engineering.

CSE 14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4, 5 & 6, Honours and Honours with specialization for UG & PG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF CSE(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Dr.P.Srinivasan, Chairman, CSE (Artificial Intelligence & Machine Learning) moved the following items based on the decision of the Board of Studies in CSE(AI & ML)

AI 14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (Data Science) for UG Degree Programme to be offered under R-2023 and R-2019
Resolved to approve the same

AGENDA FROM DEPARTMENT OF CSE(INTERNET OF THINGS)

Dr.M.Rameshkumar, Chairman, CSE (IoT) moved the following items based on the decision of the Board of Studies in CSE (IoT).

IOT 14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4, 5 & 6, Honours and Honours with specialization for UG Degree Programme to be offered under R-2023 and R-2019
Resolved to approve the same

Dr. M. PREM KUMAR, M.E., Ph.D.,
PRINCIPAL
PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)

AGENDA FROM DEPARTMENT OF CYBER SECURITY

Dr.P.Muthusamy, Chairman, Cyber Security moved the following items based on the decision of the Board of Studies in Cyber Security

- CYS
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 1 to 6, Honours, Honours with specialization and Minor Degree Programme (IOT with Cyber Security) for UG Degree Programme to be offered under R-2023.

Resolved to approve the same

AGENDA FROM DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr.R.Mohana Priya, Chairman, Electronics and Communication Engineering moved the following items based on the decision of the Board of Studies in Electronics and Communication Engineering

- EC
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (Computer Communication Network) for UG & PG Degree Programme to be offered under R-2023

Resolved to Approve the same

AGENDA FROM DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.G.Balaji, Chairman, Electrical and Electronics Engineering moved the following items based on the decision of the Board of Studies in Electrical and Electronics Engineering.

- EE
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (IOT and Automation) for UG & PG Degree Programme to be offered under R-2023

Resolved to approve the same

AGENDA FROM DEPARTMENT OF MECHANICAL ENGINEERING & SAFETY AND FIRE ENGINEERING

Dr.A.P.Sivasubramaniam, Chairman, Mechanical Engineering & Safety and Fire Engineering moved the following items based on the decision of the Board of Studies in Mechanical Engineering.

- MECH
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (Manufacturing Technology) for the department of Mechanical Engineering of UG & PG Degree Programme to be offered under R-2023

Resolved to approve the same

- MECH
14.02 To consider and approve the curriculum, curriculum structure, course outcomes and syllabi of 7th semester for the department of safety and fire engineering of UG Degree Programme to be offered under R-2019

Resolved to approve the same

AGENDA FROM DEPARTMENT OF MECHATRONICS ENGINEERING

Dr.D.R.P.Rajarathnam, Chairman, Mechatronics Engineering moved the following items based on the decision of the Board of Studies

- MCT
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme(Automation Engineering) for UG Degree Programme to be offered under R-2023

Dr. M. PREMKUMAR, M.E., Ph.D.,
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Resolved to approve the same

AGENDA FROM DEPARTMENT OF ROBOTICS AND AUTOMATION

Dr.V.Subburam, Chairman, Robotics and Automation moved the following items based on the decision of the Board of Studies in Pharmaceutical Technology

- R&A
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (Robotics) for UG Degree Programme to be offered under R-2023
Resolved to approve the same

AGENDA FROM DEPARTMENT OF AGRICULTURAL ENGINEERING

Dr.B.Kailashkumar, Chairman, Agricultural Engineering moved the following items based on the decision of the Board of Studies in Agricultural Engineering.

- AGRI
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (Agricultural Systems) for UG Degree Programme to be offered under R-2023
Resolved to approve the same

AGENDA FROM DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Dr.A.Manikandan, Chairman, Artificial Intelligence and Data Science moved the following items based on the decision of the Board of Studies in Artificial Intelligence and Data Science.

- AI&DS
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 1, 2, 3 & 4, Honours and Honours with specialization for UG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF BIOTECHNOLOGY

Dr.C.Nirmala, Chairman, Biotechnology moved the following items based on the decision of the Board of Studies in Biotechnology

- BT
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours and Honours with specialization for UG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF CHEMICAL ENGINEERING

Dr.P.Jayakaran, Chairman, Chemical Engineering moved the following items based on the decision of the Board of Studies in Chemical Engineering

- CHEM
ICAL
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi for selected 3rd semester subjects & all 5th semester subjects, verticals 4,5 & 6 and Ammendments for UG Degree Programme to be offered under R-2023
Resolved to approve the same

AGENDA FROM DEPARTMENT OF FOOD TECHNOLOGY

Dr.S.Kailash, Chairman, Food Technology moved the following items based on the decision of the Board of Studies in Food Technology

- FT
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree

Dr. M. PREMKUMAR, M.E., Ph.D.,
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Programme (Food Science and Engineering) for UG Degree Programme to be offered under R-2023

Resolved to approve the same

AGENDA FROM DEPARTMENT OF INFORMATION TECHNOLOGY

Dr.B.Venkatesan, Chairman, Information Technology moved the following items based on the decision of the Board of Studies in Information Technology

IT
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4, 5 & 6, Honours and Honours with specialization for the department of Information Technology of UG Degree Programme to be offered under R-2023.
Resolved to approve the same

IT
14.02 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 7th semester professional elective for the department of Robotics and Automation of UG Degree Programme to be offered under R-2019
Resolved to approve the same

AGENDA FROM DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

Dr.C.Praveen Cumar, Chairman, Pharmaceutical Technology moved the following items based on the decision of the Board of Studies in Pharmaceutical Technology

PHAR
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of 5th semester, verticals 4,5 & 6, Honours, Honours with specialization and Minor Degree Programme (Bio-Pharmaceutics) for UG Degree Programme to be offered under R-2023
Resolved to approve the same

AGENDA FROM DEPARTMENT OF SCIENCE AND HUMANITIES

AGENDA FROM DEPARTMENT OF ENGLISH

Dr.R.Shanthi, Chairman, English moved the following items based on the decision of the Board of Studies in the department of English

ENG
14.01 To consider and approve the curriculum, curriculum structure, course outcomes and syllabi of 5th semester course titled Professional Development for all UG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Dr.N.Swarnalatha, Chairman, Master of Business Administration moved the following items based on the decision of the Board of Studies in Master of Business Administration

MBA
14.01 To consider and approve the curriculum, curriculum structure, course outcomes and syllabi of 5th semester course titled entrepreneurship development and 7th semester course titled Total Quality Management for UG Degree Programme to be offered under R-2023.
Resolved to approve the same

AGENDA FROM DEPARTMENT OF MASTER OF COMPUTER APPLICATION

Prof.M.Senthilvelan, Chairman, Master of Computer Application moved the following items based on the decision of the Board of Studies in Master of Computer Application

MCA
14.01 To consider and approve the curriculum, curriculum structure, course outcomes, syllabi of all semesters for PG Degree Programme to be offered under R-2023
Resolved to approve the same

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NH-44 PACHAL Post, NAMAKKAL Dist.


AGENDA

- 14.07 To report the Academic Results, Research & Development and Industry Initiatives of Paavai Engineering College in the Academic Year 2024-2025.
The Academic Results, Research & Development and Industry Initiatives of Paavai Engineering College in the Academic Year 2024-2025 were reported and recorded.
- 14.08 To consider and approve the Faculty Recruitment, Placements of Paavai Engineering College in the Academic Year 2024-2025.
Resolved to approve the same
- 14.09 To consider and approve the Extra-Curricular Activities of Paavai Engineering College in the Academic Year 2024-2025.
Resolved to approve the same

ANY OTHER ITEMS, WITH THE PERMISSION OF THE CHAIRMAN OF THE ACADEMIC COUNCIL

Points suggested by the Academic Council Members

- To increase the number of credits from 25 - 36 per semester as per Anna University guidelines.
- To remove Honours with specialization as per Anna University Norms.
- To move the course Environmental Science and Sustainability from mandatory course list and include it in the curriculum.
- To give awareness about preparation of GATE Exams, higher studies and other competitive exams in induction program.
- To encourage startup culture in first and second year.
- To introduce facility management as elective course in the department of Civil Engineering.
- To sign MoUs with Siemens, CTS and L&T etc., to bridge Industry and Academic curriculum.
- To provide skill development courses in MEP (Mechanical, Electrical and Plumbing) and other emerging areas.
- To provide training in the fields of Semiconductors, Lithium Ion Batteries and Data Centers.
- To involve Industry personnel as Co-Guides through online mode for Project Assessments.


Dr. M. PREMKUMAR, M.E., Ph.D.,
PRINCIPAL
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
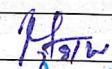
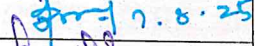
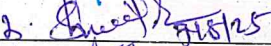








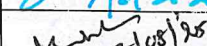
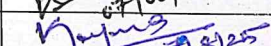

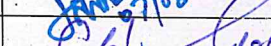


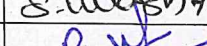
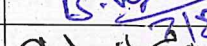
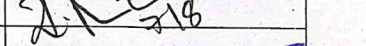
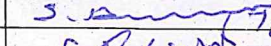

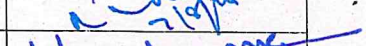
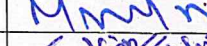

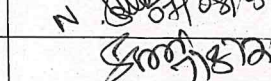

CHAIRMAN
ACADEMIC COUNCIL

PAAVAI ENGINEERING COLLEGE
(Autonomous)
NH-44, PACHAL, NAMAKKAL-637018.

List of Members approved the 14th Academic Council Meeting Minutes

The 14th academic council meeting was held on 07.08.2025 by Thursday by 09.30 am at GD Hall of Temple Tower Paavai Engineering College.

The following Members have approved the minutes.

Dr.M.PREMKUMAR	Chairman, Academic Council	
<i>Heads of the Departments</i>		
Dr.R.ARRAVIND	Professor & HoD/Aero	
Dr.T.ARUN KUMAR	Professor & HoD/BME	 7.8.25
Prof.K.SHARMILADEVI	Associate Professor & HoD/Civil	 7/8/25
Dr.D.BANUMATHI	Professor & HoD/CSE	 7/8/25
Dr.P.SRINIVASAN	Professor & HoD/CSE(AI&ML)	 7/8
Dr.M.RAMESH KUMAR	Professor & HoD/CSE(IoT)	 7/8/25
Dr.P.MUTHUSAMY	Professor & HoD /Cyber Security	 7/8/25
Dr.R.MOHANA PRIYA	Associate Professor & HoD/ECE	 7/8
Dr.G. BALAJI	Professor & HoD/EEE	 7/8/25
Dr.A.P.SIVA SUBRAMANIAM	Professor & HoD/Mech, Safety & Fire	 7/8/25
Dr.D.R.P. RAJARATHNAM	Professor & HoD/MCT	 7/8/25
Dr.V.SUBBURAM	Professor & HoD/R&A	 07/08/25
Dr.B.KAILASHKUMAR	Associate Professor & HoD/Agri.	 7/8/25
Dr.A.MANIKANDAN	Professor & HoD/AI&DS	 07/08
Dr.C. NIRMALA	Professor & HoD/Biotechnology	 7/8/25
Dr.P.JAYAKARAN	Associate Professor & HoD/Chemical	 7/8/25
Dr.S.KAILASH	Professor & HoD/Food	 7/8/25
Dr.B.VENKATESAN	Professor & HoD/IT	 7/8
Dr.R.PRAVEEN CUMAR	Professor & HoD/Pharma	 7/8
Prof.S.DINAKARAN	Professor & HoD/S&H	 7/8/2025
Dr.G.RAJA	Professor & HoD/Chemistry	 7/8/25
Dr.R.SHANTHI	Professor & HoD/English	 7/8/25
Dr.M.SATHISH KUMAR	Professor & HoD/Mathematics	 7/8/25
Dr.T.KRISHNAKUMAR	Professor & HoD / Physics	 7/8/25
Dr.N.SWARNALATHA	Professor & HoD /MBA	 07/08/25
Prof.M.SENTHILVELAN	Professor & HoD/MCA	

Four Teachers of the College		
Dr.S.MANIRAJ	Associate Professor, Mechanical	<i>[Signature]</i>
Dr.C.ARULKUMAR	Associate Professor, EEE	<i>[Signature]</i>
Dr.G.MADASAMY RAJA	Professor, IT	<i>[Signature]</i>
Dr.N.GEETHA	Associate Professor, Chemistry	<i>[Signature]</i>
Experts		
Dr.ARUL PRAKASH JOTHI (Academic Expert)	Director – Innovation, Professor/Mechanical, Jain Global Campus, Bangalore	<i>[Signature]</i>
Dr.B.GANGADHARA RAO (Industry Expert)	Vice President, IIGM Pvt Ltd, Bangalore	<i>[Signature]</i>
Dr.R.SANTHANAM (Scientist)	Senior Scientist, DRDL, Hyderabad	<i>[Signature]</i>
Dr.S.SUDHA (Medicine)	Civil Surgeon, Govt. Primary Health Centre, Pudhuchathiram, Namakkal	<i>[Signature]</i>
University Nominees		
Dr.T.BALUSAMY	Professor & Head, Department of Mechanical Engineering, Government College of Engineering, Salem.	ABCENT
Dr.R.THENMOZHI	Professor & Head, Department of Civil Engineering, Government College of Technology, Coimbatore	<i>[Signature]</i> 7/8/25
Dr.P.RAMADEVI	Associate Professor, Department of Electronics and Communication Engineering, UCE, BIT Campus, Anna University, Tiruchirappalli	<i>[Signature]</i> 7/8/25
Controller of Examinations		
Dr.B.MURALI BABU	Controller of Examinations	<i>[Signature]</i>
Special Invitees		
Dr.K.K.RAMASAMY	Director- Administration, Paavai Institutions	<i>[Signature]</i>
Dr.R.R.KRISHNAMURTHY	Director – Centre for Research	<i>[Signature]</i>
Dr.K.SUNDARA MURTHY	Professor/Mech & IQAC – Coordinator	<i>[Signature]</i>
Prof.KAMALA KRISHNAMURTHY	Head, Paavai Innovation Forum (PIF)	<i>[Signature]</i>
Mr.R.THAMARAISELVAN	Head, Placement and Training	<i>[Signature]</i>
Mr.N. SANTHANARAJA	Director of Physical Education	<i>[Signature]</i>
Member Secretary/ Academic Council		
Dr.K.SELVI	Dean Academics	<i>[Signature]</i> 07/08/2025


CHAIRMAN
ACADEMIC COUNCIL

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
ACADEMIC YEAR 2025-2026
14TH ACADEMIC COUNCIL MEETING
READMISSION/TRANSFER details
ANNEXURE A
ODD SEMESTER**

S.No.	Name of the Student & Register No.	Semester & Year of Break of Study	Semester / Year of Readmission / Transfer sought	Addition/ Exemption of Courses
B.E. Aeronautical Engineering				
1.	G.Bala (622122101004)	V Sem & 2024-2025	Readmission V Sem & 2025-2026	Addition: CH23202 – Chemistry for Engineers – VI sem ME23203 – Computer Aided drafting Laboratory – VI sem GE23301 – Professional Development I – V sem GE23401 – Professional Development II – VI sem AE23405 – Propulsion Laboratory – VI sem
B.E. Biomedical Engineering				
2.	A.Dhanya (622123109009)	III Sem & 2024-25	Readmission III Sem & 2025-2026	Nil
B.E. Civil Engineering				
Nil				
B.E. Computer Science and Engineering				
3.	S.Muthu (622123104094)	III Sem & 2024-25	Readmission III Sem & 2025-2026	Nil
B.E. Computer Science and Engineering (AI&ML)				
Nil				
B.E. Computer Science and Engineering (Cyber Security)				
Nil				
B.E. Computer Science and Engineering (IoT)				
4.	A.Jayasurya (622123113019)	III Sem & 2024-2025	Readmission III Sem & 2025-2026	Nil

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(AUTONOMOUS)
NILAM BACHAL ROAD, MANAMADIKAL, DISTRICT

B.E. Electronics and Communication Engineering				
5.	P.Sakthivel (622123105135)	III Sem & 2024-2025	Readmission III Sem & 2025-2026	Nil
B.E. Electrical and Electronics Engineering				Nil
B.E. Mechanical Engineering				Nil
B.E. Mechatronics Engineering				Nil
B.E. Robotics and Automation				Nil
B.Tech. Agricultural Engineering				Nil
B.Tech. Artificial Intelligence and Data Science				
6.	S.Sanakyam (244115243044)	III Sem & 2024-2025	Transfer III Sem & 2025-2026	Addition: GE23101 – Heritage of Tamils – III sem GE23103 – Civil and Mechanical Engineering Practices Laboratory – III sem GE23202 – Electrical and Electronics Engineering Practices Laboratory – IV sem Exemption: MC23301 – Environmental Science and Sustainability – III sem
B. Tech. Bio Technology				Nil
B. Tech. Chemical Engineering				Nil
B. Tech. Food Technology				Nil
B. Tech. Information Technology				
7.	V.Bala Yogesh (622123202017)	III Sem & 2024-2025	Readmission III Sem & 2025-2026	Nil
8.	A.Harikrishnan (622123202051)	III Sem & 2024-2025	Readmission III Sem & 2025-2026	Nil
B. Tech. Pharmaceutical Technology				Nil
Postgraduate Programme M.E., MBA & MCA				Nil


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 (AUTONOMOUS)
 NH-44, PACHAL P.O., JIJKAL Dist.

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)**

ACADEMIC YEAR 2025-2026

14th ACADEMIC COUNCIL MEETING


ANNEXURE B

AMENDMENTS IN CURRICULUM & REGULATIONS

AMENDMENTS IN CURRICULUM – Chemical Engineering

This is to formally notify the following amendments made to the **III Semester syllabus** of the B.Tech. Chemical Engineering at **Paavai Engineering College**, effective from the academic year 2025-2026.

CHEMICAL ENGINEERING		
Sem / Year	Existing	Proposed
III/II	CH23301 Physical Chemistry (Theory)	CM23301 Organic Chemical Technology (Theory)
III/II	CH23302 Physical Chemistry Laboratory	CM23302 Process Technology Laboratory
III/II	CM 23303 Thermal Engineering (Theory cum Lab)	CM23303 Engineering Thermodynamics (Theory cum Lab)
V/III	CM23501 Chemical Engineering Thermodynamics	CM23501 Chemical Engineering Thermodynamics (Theory) – Engineering Thermodynamics has been introduced in place of Thermal Engineering. Since certain outcomes of Chemical Engineering Thermodynamics are already covered in the newly introduced Engineering Thermodynamics course, the syllabus for Chemical Engineering Thermodynamics will be revised next year based on the recommendations of the Board of Studies (BOS) members."


Head of the Department
Department of Chemical Engineering,
Paavai Engineering College,
#17, Pachal Post, Namakkal-637 018.
24.06.2025

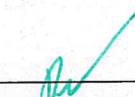




**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
ACADEMIC YEAR 2025-2026
14th ACADEMIC COUNCIL MEETING
ANNEXURE B
AMENDMENTS IN REGULATIONS**

UG Regulations 2019(CBCS)

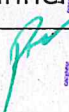
S.NO	CLAUSE	CONTENT	
1	12.0	EXISTING	
		ASSESSMENT SCHEME	
		Theory Courses	
		Continuous Internal Assessment	40 Marks
		End Semester Examination	60 Marks
		Total	100 Marks
		Internal Assessment	
		Continuous Internal Assessment Test 1	7 Marks
		Continuous Internal Assessment Test 2	7 Marks
		Continuous Internal Assessment Test 3	10 Marks
		Attendance	05 Marks
		Practices adopted by the student (Seminar Presentation / Assignment)	05 Marks
		Innovative practices	06 Marks
		Total	40 Marks
		End Semester Examination	
Examination Duration : 3 Hours			
Max. Marks : 100			
(Converted to 60 marks)			


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12.0	PROPOSED ASSESSMENT SCHEME	
	Theory Courses	
	Continuous Internal Assessment	40 Marks
	End Semester Examination	60 Marks
	Total	100 Marks
	Internal Assessment	
	Continuous Internal Assessment Test 1	7 Marks
	Continuous Internal Assessment Test 2	7 Marks
	Attendance	05 Marks
	Practices adopted by the student (Seminar Presentation / Assignment)	05 Marks
	Innovative practices	06 Marks
	Total	40 Marks
	End Semester Examination	
	Examination Duration : 3 Hours	
	Max. Marks : 100	
(Converted to 60 marks)		

UG Regulations 2023(CBCS)

S.NO	CLAUSE	CONTENT
2	5.2	<p>EXISTING</p> <p>B.E./B.Tech.(Honours) or B.E./B.Tech.(Honours with specialization) in the same discipline or B.E./B.Tech. Minor with specialization in other disciplines</p> <p>In addition to the regular B.E./B.Tech. Programme(s), the eligible candidates shall also opt for B.E./B.Tech.(Honours) degree or B.E./B.Tech.(Honours) degree with specialization in the same discipline or B.E./B.Tech.(Minor) degree with specialization in other disciplines.</p> <p>The blend of all the above different courses shall be framed in such a manner that the candidate at the</p>


 DR. M. PRADHUMAN, M.E., Ph.D.
 PRINCIPAL
 PAAVAI ENGINEERING COLLEGE
 (AUTONOMOUS)

5.2.1

end of the degree programme, shall be trained not only in his/her relevant specialization, but also in other specialized domains.

Eligibility Criteria:

B.E/B.Tech.(Honours)

The students shall be permitted to register and earn additionally a minimum of 18 credits from more than one vertical of the same programme from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above) and should have passed all the courses in the first attempt itself.

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

If a student decides not to opt for Honours, after completing certain number of additional courses, the additional courses studied by the students shall be considered instead of the Professional Elective courses which are in the part of the curriculum.

If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.

The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

B.E/B.Tech.(Honours) with specialization in the same discipline

The students shall be permitted to register and earn additionally a minimum of 18 credits from one vertical of the same programme from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in

third semester should be 7.50 and above) and should have passed all the courses in the first attempt itself.

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

If a student decides not to opt for Honours after completing certain number of additional courses, the additional courses studied by the students shall be considered instead of the Professional Elective courses which are in the part of the curriculum.

If the student has studied more number of such courses, than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.

The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

B.E./B.Tech. (Minor in other specialisation)

The students shall be permitted to register and earn additionally a minimum of 18 credits from the minor courses offered by the other B.E./B.Tech. Programme(s) from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above).

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

If a student decides not to opt for Minors, after completing certain number of additional courses, the additional courses studied by the students shall be considered instead of the Open Elective courses which are in the part of the curriculum.

If the student has studied more number of such courses, than the number of Open Elective courses

M. M. PREMKUMAR, M.E., Ph.D.,
PRINCIPAL
PAAVAI ENGINEERING COLLEGE

		<p>required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.</p> <p>The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.</p>
	<p>5.2</p> <p>5.2.1</p>	<p>PROPOSED</p> <p>B.E./B.Tech.(Honours) or B.E./B.Tech. Minor with specialization in other disciplines</p> <p>In addition to the regular B.E./B.Tech. Programme(s), the eligible candidates shall also opt for B.E./B.Tech.(Honours) degree or B.E./B.Tech.(Minor) degree with specialization in other disciplines.</p> <p>The blend of all the above different courses shall be framed in such a manner, that the candidate at the end of the degree programme, shall be trained not only in his/her relevant specialization, but also in other specialized domains.</p> <p>Eligibility Criteria:</p> <p>B.E./B.Tech.(Honours)</p> <p>The students shall be permitted to register and earn additionally a minimum of 18 credits from more than one vertical of the same programme from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above) and should have passed all the courses in the first attempt itself.</p> <p>The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).</p> <p>If a student decides not to opt for Honours, after completing certain number of additional courses, the additional courses studied by the students shall be considered instead of the Professional Elective courses which are in the part of the curriculum.</p>

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 (AUTONOMOUS)

If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

B.E./B.Tech. (Minor in other specialisation)

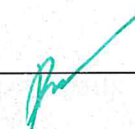
The students shall be permitted to register and earn additionally a minimum of 18 credits from the minor courses offered by the other B.E./B.Tech. Programme(s) from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above).

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

If a student decides not to opt for Minors, after completing certain number of additional courses, the additional courses studied by the students shall be considered instead of the Open Elective courses which are in the part of the curriculum.

If the student has studied more number of such courses, than the number of Open Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.

The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.


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NH-44, PACHAL P.O., NAMAKKAL Dist.

3.

12.0

12.1

EXISTING

ASSESSMENT SCHEME

Theory Courses

Theory Courses	
Continuous Internal Assessment (CIA)	40 Marks
End Semester Examinations	60 Marks
Total	100 Marks
Internal Assessment	
Continuous Internal Assessment Test 1	7.5 Marks
Continuous Internal Assessment Test 2	7.5 Marks
Continuous Internal Assessment Test 3	10 Marks
Formative Assessments 1. Seminar presentation 2. Scheduled Test 3. Open Book Test 4. Moodle Assignments 5. Quiz	15 Marks
The course instructor has to choose 3 assessment methods from the given options for their respective theory course and maximum mark for each assessment is 5 marks.	
Total	40 Marks
End Semester Examination	
Examination Duration : 3 Hours	
Max. Marks : 100	
(Converted to 60 marks)	

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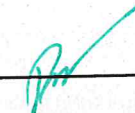
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**PROPOSED
ASSESSMENT SCHEME**

12.1

Theory Courses

Theory Courses	
Continuous Internal Assessment (CIA)	40 Marks
End Semester Examinations	60 Marks
Total	100 Marks
Internal Assessment	
Continuous Internal Assessment Test 1	12 Marks
Continuous Internal Assessment Test 2	12 Marks
Formative Assessments Seminar Presentation, Scheduled Test, Open Book Test, MOODLE Assignments, Quiz, Poster Presentation, Case study, Community Service projects	16 Marks
The course instructor has to choose 4 assessment methods from the given options for their respective theory course and maximum mark for each assessment is 4 marks.	
Total	40 Marks
End Semester Examination	
Examination Duration : 3 Hours	
Max. Marks : 100	
(Converted to 60 marks)	


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NH-44, PACHAL Post, NAMAKKAL Dist.

12.3

EXISTING

Mandatory Courses

Mandatory Courses such as Human Values and Gender Equality, and Environmental Science and Engineering are of Zero credit weightage. The assessment and evaluation pattern shall be considered of purely **INTERNAL MODE**.

Mandatory Course	
Continuous Internal Assessment (CIA)	100 Marks
End Semester Examinations	-
Total	100 Marks
Internal Assessment	
Continuous Internal Assessment Test 1	100 Marks
Continuous Internal Assessment Test 2	100 Marks
The average of both the CIA test marks out of 200 marks will be considered for result.	

12.3


PROPOSED

Mandatory Courses

Mandatory Courses such as Human Values and Gender Equality, and Environmental Science and Engineering are of Zero credit weightage. The assessment and evaluation pattern for the mandatory course Human Values and Gender Equality shall be considered in **Internal Mode**, whereas for the course Environmental Science and Sustainability the End Semester Examinations shall be conducted as per theory mode mentioned in the clause 12.1.

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NH-44, PACHAI PULI, NAMAKKAL Dist.

			<table border="1"><thead><tr><th colspan="2">Mandatory Course</th></tr></thead><tbody><tr><td>Continuuous Internal Assessment (CIA)</td><td>100 Marks</td></tr><tr><td>End Semester Examinations</td><td>100 Marks</td></tr><tr><td>Total</td><td>100 Marks</td></tr><tr><th colspan="2">Internal Assessment</th></tr><tr><td>Continuous Internal Assessment Test 1</td><td>100 Marks</td></tr><tr><td>Continuous Internal Assessment Test 2</td><td>100 Marks</td></tr><tr><td colspan="2">The average of both the CIA test marks out of 200 marks will be considered for result.</td></tr></tbody></table>	Mandatory Course		Continuuous Internal Assessment (CIA)	100 Marks	End Semester Examinations	100 Marks	Total	100 Marks	Internal Assessment		Continuous Internal Assessment Test 1	100 Marks	Continuous Internal Assessment Test 2	100 Marks	The average of both the CIA test marks out of 200 marks will be considered for result.	
Mandatory Course																			
Continuuous Internal Assessment (CIA)	100 Marks																		
End Semester Examinations	100 Marks																		
Total	100 Marks																		
Internal Assessment																			
Continuous Internal Assessment Test 1	100 Marks																		
Continuous Internal Assessment Test 2	100 Marks																		
The average of both the CIA test marks out of 200 marks will be considered for result.																			


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PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
ACADEMIC YEAR 2025-26
14TH ACADEMIC COUNCIL MEETING
BOS SUGGESTIONS AND IMPLEMENTATIONS
ANNEXURE C

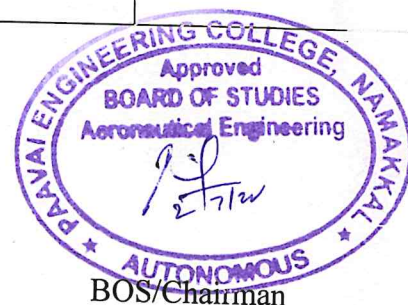
PAAVAI ENGINEERING COLLEGE

(Autonomous)

Department of Aeronautical Engineering

12th BOS Suggestion and Implementation

S.No	Course Name	Suggestions	Implementation Status
1	AE 23501- Flight Mechanics	<ul style="list-style-type: none">•In unit IV replace Static stability.•Map the Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) 9, 10, and 11.	Implemented
2	AE23451-Spacecraft Attitude Dynamics	Suggest to elaborate the content in Unit I, Unit II, Unit V	Implemented
3	AE23452 - Orbital Mechanics	<ul style="list-style-type: none">•Two body problem –end body problem•Orbital motions from equation of motion	Implemented



PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF BIOMEDICAL ENGINEERING
ACTION TAKEN REPORT OF 9TH BOS
BOS SUGGESTIONS AND IMPLEMENTATION
ACADEMIC YEAR 2025-2026

S.No	Semester	Course code & Name	Suggestions	Implementation
1.	V	PE - 23155 Bioprinting	Suggested to include case studies on implantable devices in unit 5.	Implemented
2.	V	PC - 23502 Diagnostic and Therapeutic Equipment	Suggested to include the topic of diathermy, types of diathermy in unit 3 and patient safety in unit 5.	Implemented
3.	V	PC- 23504 Biocontrol Systems	Suggested to include M and N circle, Nichol's chart in unit 3.	Implemented
4.	VII	PE - 23356 Bone Remodeling	Suggested to include bone stress and strain analysis in unit 5.	Implemented
5.	VIII	PE - 23551 Wearable Devices	Suggested to include applications and case studies in unit 4.	Implemented
6.	VIII	PE - 23554 Telehealth Technology	Suggested to include GSM technology in unit 2.	Implemented

The above implementations were effective from the academic year 2025– 2026.



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PAAVAI ENGINEERING COLLEGE

(Autonomous)

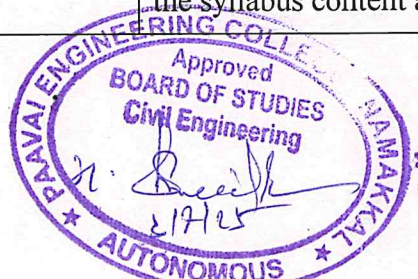
DEPARTMENT OF CIVIL ENGINEERING

12th BoS

Academic Year 2025 – 2026 (Odd Semester)

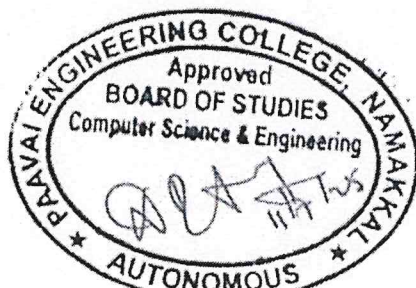
Suggestions and Implementations

Sem / Year	Course Code / Title	Suggestion by BoS Members	Status of Implementation
B.E – Civil Engineering			
Semester V	CE23501 - Design of Reinforced Concrete Structures	It is suggested to remove the working stress method of design from Unit I.	Implemented
		Can include design of underground water tank in Unit V.	
	CE23503 - Foundation Engineering	Can include IS codal provisions as reference books.	Implemented
		Can include the topic “Dynamic Cone Penetration Test (DCPT)” under penetration test in Unit I.	
	CE23507 - Survey Camp	Can include the Exercises - Boundary marking, Drone Surveying (Demonstration).	Implemented
Vertical – IV (Environmental Engineering)	CE23456 - Air and Noise Pollution Control Engineering	Can include the topic permissible limits of air and Noise pollution as per regulatory provisions.	Implemented
		Can include the topic “Noise pollution effects on Human beings, Plants and Animals” in unit V.	
	CE23457 - Environmental Policy and Legislations	Can include UN sustainable development codes in syllabus.	Implemented
		Can include Tamilnadu state and central Government Environmental Policy and Legislations in syllabus.	
Vertical – VI (Geo Informatics)	CE23652 - Airborne and Terrestrial Laser Mapping	Suggested to change the course title into “LiDAR and Laser Surveying” and to revise the syllabus content accordingly	Implemented
Minors in Building Construction	CE23851 - Sustainable Infrastructure Development	Suggested to change the course title to “Construction Technology” and to revise the syllabus content accordingly.	Implemented
	CE23853 - Quantity Estimation and Valuation	Suggested to change the course title to “Tenders and Contract Laws” and to revise the syllabus content accordingly.	Implemented



PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
12th BOS SUGGESTIONS AND IMPLEMENTATION
ACADEMIC YEAR 2025-2026

S.No.	Sem & Year	Course Code/Title	Suggestion By BoS Members	Status of Implementation
1	V & III	CS23501/Theory of Computation	The committee advised updating the syllabus to incorporate the most recent textbook editions	Implemented
2	III & II	CS23503/Artificial Intelligence	The committee recommended expanding Unit 1 to cover various AI concepts for better foundational understanding.	Implemented
3	VERTICAL-IV	Security and Privacy in Cloud	The committee suggested that prerequisites be clearly defined for each course to help ensure students are adequately prepared before enrolling	Implemented
4	VERTICAL-IV	Engineering Secure Software Systems	The committee proposed renaming the subject to "Secure Software Systems" to better reflect current industry practices and to ensure students gain essential knowledge in software security and protection techniques.	Implemented
5	VERTICAL-V	Human Computer Interaction	The committee recommended replacing the subject with "Brain Computer Interaction" to keep students informed about emerging neurotechnology and brain-device communication.	Implemented
6	VERTICAL-V	Knowledge Engineering	The committee suggested revising the syllabus by introducing "Agentic AI and Prompt Engineering" to equip students with contemporary skills in designing AI-driven systems	Implemented



PAAVAI ENGINEERING COLLEGE – NAMAKKAL

(An Autonomous Institution)

Department of B.E.CSE (Artificial Intelligence and Machine Learning)

5th BOS Suggestions and Implementations

Academic year 2025-2026

Date and Time: 05.07.2025 10:00 am.

Verticals	Title	Suggestion by BoS Members	Status of Implementation
PROFESSIONAL ELECTIVE VERTICALS – IV: ARTIFICIAL INTELLIGENCE IN HEALTH CARE	CI23453 - Computer Vision in Healthcare Application	The committee recommended the inclusion of relevant case studies.	Included
PROFESSIONAL ELECTIVE VERTICALS – V: ALGORITHM ANALYSIS	CI23554 - Fuzzy Logic Systems	Suggested to add 3 additional experiments in the syllabus.	Implemented
	CI23556 - Genetic Algorithms	The members recommended streamlining the syllabus content to improve focus and ensure better manageability.	Accepted and reconstructed the entire syllabus



P. J. J. J.
HoD.

Head of the Department
Department of B.E., CSE (AI and ML)
Paavai Engineering College (Autonomous)
Namakkal – 637 018, Tamilnadu, India.

PAAVAI ENGINEERING COLLEGE

(Autonomous)

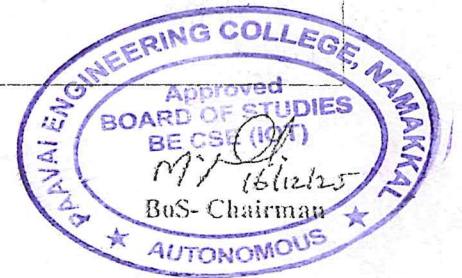
Department of CSE (IOT)

6th BOS

Academic Year 2025 -2026

Suggestions and Implementation

Sem/Year	Course Code/Title	Suggestion by BOS Members	Status of Implementation
Regulations 2023			
III/VI	CI23601 - Artificial Intelligence	To revise the syllabus and sought confirmation that Units 1-3 adequately cover the basic concepts required for the Unit 4 chapter on robotics and computer vision.	Implemented
III/VI	CI23605 - AI and Data Science Laboratory	To include Python Libraries as one experiment	Implemented
Open Elective	CI23903 - Augmented and Virtual Reality	To introduce the AR & VR subject in open elective instead of Introduction to Machine Learning.	Implemented



PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF CYBER SECURITY
7th BOS SUGGESTIONS AND IMPLEMENTATION
Academic Year 2025-26 ODD Semester

Sem / Year	Course Code / Title	Suggestions by BOS Members	Status of Implementation
V / III R2023	CY23504/Digital Forensics	CY23504/Digital Forensics course can be renamed as Digital Forensics and Incident Response.	Yes, Implemented
V / III R2023	CY23153/ Privacy Preserving in Data Mining	Rename the course Privacy Preserving in Data Mining as Privacy Preservation in Data Mining	Yes, Implemented



PAAVAI ENGINEERING COLLEGE

(Autonomous)

Department of Electronics and Communication Engineering

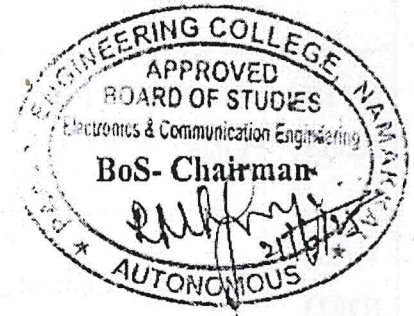
12th BOS

Academic Year 2025 -2026

Suggestions and Implementation

Sem/ Year	Course Code/Title	Suggestion by BOS Members	Status of Implementation
V / III / R2023	EC23502 - RF Transmission Lines	In Unit 2, Topic titled Planar Transmission Lines can be included.	Yes, Implemented. Planar Transmission Lines was included.
V / III / R2023	EC23503 - Control Systems	Case Studies can be included in Unit 5.	Yes, Implemented. Case Studies are included in Unit 5.
V / III / R2023	EC23504 - Computer Communication Networks	Topic titled Proxy servers shall be included in Unit 5.	Yes, Implemented. Proxy servers topic is included.
V / III / R2023	EC23505 - Communication Systems Laboratory	Only titles of the experiments can be mentioned.	Yes, Implemented. Title of the experiments are specified.
V / III / R2023	EC23506 - Communication Networks Laboratory	Experiments can be merged and only titles can be mentioned	Yes, Implemented. Experiments are rearranged and Title of the experiments are specified.
PE / R2023	Smart Antennas & RF Transceivers	Syllabus could be reframed	Yes, Implemented. Syllabus were reframed
PE / R2023	EMI/EMC in System Design	In Unit 4, Contents must be reframed.	Yes, Implemented. Unit 4 Contents were reframed
PE / R2023	Data Analytics for IOT	Syllabus could be reframed	Yes, Implemented. Syllabus were reframed
PE / R2023	IOT Based System Design	Case Studies to be included in Unit 5.	Yes, Implemented. Case Studies are included in Unit 5.

PE / R2023	Medical Electronics	Contents to be rearranged.	Yes, Implemented. Contents were rearranged.
PE / R2023	Medical Imaging Systems and Human Assist Devices	Syllabus could be reframed	Yes, Implemented. Syllabus were reframed
PE / R2023	Biotelemetry	Biotelemetry course could be replaced with either Biomedical Equipment or Artificial Intelligence in Healthcare courses.	Yes, Implemented. Biotelemetry course was replaced by Artificial Intelligence in Healthcare



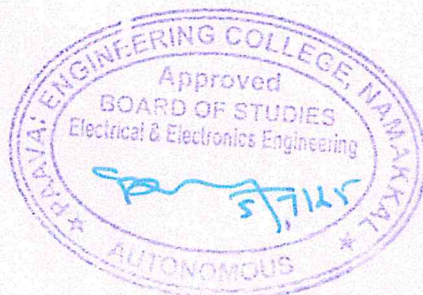
**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
12th BOS SUGGESTIONS AND IMPLEMENTATION
REGULATIONS 2023 (CBCS)
ACADEMIC YEAR 2025-2026**

UG – ELECTRICAL AND ELECTRONICS ENGINEERING

VERTICAL	COURSE CODE / COURSE TITLE	SUGGESTIONS	STATUS OF IMPLEMENTATION
Semester V	EE23505 : Control and Instrumentation Laboratory	Include MATLAB/Python tools for simulation experiments	Implemented
Vertical V – Embedded Systems	EE23557 : Embedded Control For Electric Drives	Include FPGA concepts in the syllabus.	Implemented
Vertical VI – Control and Automation	EE23652 : Process Control and Instrumentation	include gas analyzers and pollution monitoring instruments in unit V.	Implemented
Minor Degree – IoT and Automation	EE23852 : Artificial Intelligence	Include Electric and Hybrid Vehicle course in minor degree instead of Artificial Intelligence	Implemented
	EE23857 : Cyber Physical Systems Applications	Include Switched Mode Power Supply course in minor degree instead of Cyber Physical Systems Applications	Implemented
Vertical II – Converters and Drives	EE23257: Power Electronics for Renewable Energy Systems	Include Special Electrical Machines and Drives instead of Power Electronics for Renewable Energy Systems Course which was approved in 11 th BoS	Implemented

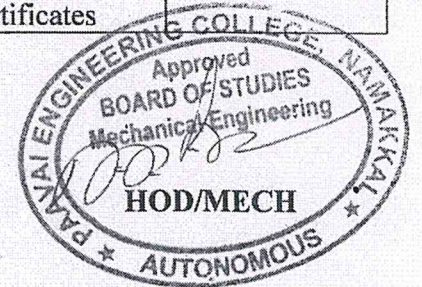

Dr. G. Balaji

Professor / Chairman-EEE



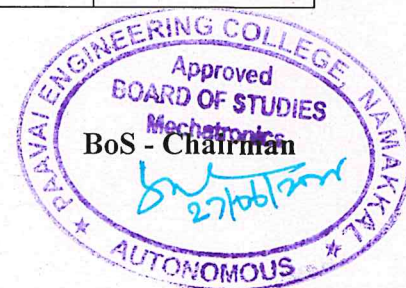
PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
12th BOS SUGGESTIONS AND IMPLEMENTATION
Academic Year 2025-2026

S.No	Sem & Year	Course code / Title	Suggestion By BOS Members	Status of Implementation
1	V & III	ME23504 - Additive Manufacturing	Relevant content of Artificial Intelligence (AI) can be integrated into the course	Implemented
2	V & III	ME23506 - Metrology and Measurements Lab	The number of experiments should be reduced to a total of 10	Implemented
3	Vertical 4	ME23454 - Computational Fluid Dynamics	<ul style="list-style-type: none"> • The syllabus content needs to be simplified. • Unit 5 should be revised either by changing its content or modifying the title. 	Implemented
4	Vertical 6	ME23654 - Advanced Thermochemical Energy Systems	Change the title of the course as "Thermochemical Energy Systems"	Implemented
5	VII & IV	SF20706 - Project Work - Phase I	Define clear milestones and expected outcomes for each project review phase	Implemented
6	VII & IV	SF20704 - Industrial Training (Fire Safety)	<ul style="list-style-type: none"> • The placement cell should provide support for the industrial training course. • Periodic reviews must be conducted to monitor student progress on a daily basis and to validate the training certificates 	Implemented



PAAVAI ENGINEERING COLLEGE
(Autonomous)
DEPARTMENT OF MECHATRONICS ENGINEERING
12th BOS
Academic Year 2025 - 2026
Suggestions and Implementation

Sem/Year	Course Code/Title	Suggestion by BOS Members	Status of Implementation
V / III	MT23502 - MEMS and NEMS	Reduce the syllabus contents of unit 3 and unit 5, if possible.	Implemented
Vertical – IV	MT23454 - Advanced Machining Processes	Title of unit 4 need to be change as Advanced Finishing Processes.	Implemented
	MT23456 - Digital Twin and Industry 5.0	Reduce the syllabus contents of all units, if possible.	Implemented
Vertical – V	MT23551 - Applied Signal Processing	Course title need to be modify/change as Applied Signal Processing.	Implemented
	MT23553 - Introduction to Machine Learning	Fuzzy logic contents need to be include in unit 2.	Implemented
	MT23554 - Applied Image Processing	Course title need to be modify/change as Applied Image Processing. Contents of Feature extraction and filter techniques need to be include in unit 2.	Implemented
	MT23555 - Introduction to Internet of Things	Include intelligence related contents in unit 4.	Implemented
Vertical – VI	MT23652 - Drone Technology	Laws and regulation contents need to include in unit 5.	Implemented
	MT23655 - Design of UAV	Case studies to be include in unit 5.	Implemented
Minor Degree	MT23853 - Hydraulics and Pneumatics	Rename the unit 5 title as Hydraulic and Pneumatic Valves. Text books need to be update.	Implemented



PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ROBOTICS AND AUTOMATION

5th BOS SUGGESTIONS AND IMPLEMENTATION

Academic Year 2025-2026

Regulations 2023

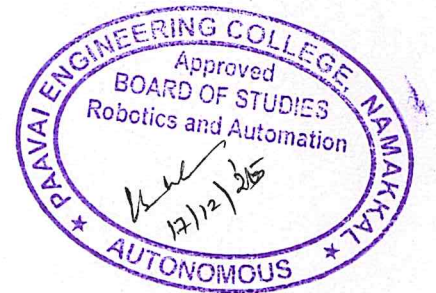
S.No	Sem & Year	Course code / Title	Suggestion By BOS Members	Status of Implementation
1	V & III	Vertical III – All Courses	The courses of vertical III should be completely changed and the syllabus should also be accordingly changed for each course.	Implemented
2	V & III	RA23505 – Design of Robot Elements	Add Robot fixtures in appropriate unit	Added
3	Vertical V	RA23554 – Object Oriented Programming in C++	The course, “Object Oriented Programming in C++” should be removed from the vertical V and an appropriate course should be added in its place.	Replaced with “Sustainability for Automation”
4	V & III	RA23503 – Embedded Systems	Add subject related topics and remove microprocessor related topics. The contents of the course should be completely changed to match the title. Real time operating system, applications and case studies should be added.	Implemented
5	Vertical - IV	RA23452 – Computer Vision and Image Processing	Remove Machine Learning topic and add matrix calculations topic	Implemented
6	Vertical - VI	RA23656 – Digital Twins	Remove digital related topics which are repeated in all units & Change unit title appropriately related to the unit content	Implemented

7	Vertical - V	RA23554 – Motion Control System	Add application related topic in appropriate unit	Implemented
8	Vertical - V	RA23553 – Agricultural Robotics and Automation	Add robotic applications which are latest developments in the field along with topic on UAV	Implemented
9	Vertical - V	RA23557 – Industrial IoT and Automation	In this course, A topic on IIoT should be added.	Added
10	Vertical - VI	RA23653 – Introduction to Control System	Change subject title and syllabus contents completely which is appropriate to the course.	Replaced with “Signal Processing In Robotics”
11	Vertical - VI	RA23654 – Smart Sensors	Add safety sensor topic in appropriate unit, Add advanced sensors in the course, Signals and Systems course is wrongly categorized under Intelligence System, such mismatch should be avoided	Implemented and title changed to “Smart Sensors for Robotics”
12	Vertical - VI	RA23654 – Robot Safety and Maintenance	In this course contents should be reduced in all units	Implemented
13	Vertical I - VI	All Verticals	Vertical are mismatching and Courses should be included under appropriate headings and there are some basic courses which are included in verticals and that should be removed.	The mismatching courses are included under appropriate headings and the basic courses are removed

Regulations 2019

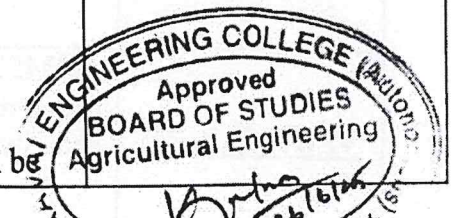
S.No	Sem & Year	Course code / Title	Suggestion By BOS Members	Status of Implementation
1	VII & IV	RA20703 – Vision Systems	Add machine vision topic related to the unit	Added
2	VII & IV	RA20704 – Automation and Sensor Systems Laboratory	Automation related experiments are not there. Automation related experiments should be added.	Added
3	VII & IV	RA20351 – Computer Integrated Manufacturing	Change unit 2 title as Product planning, Change unit 3 title as Process planning, Add FMS and material handling topic in appropriate places	Implemented


HOD/R&A

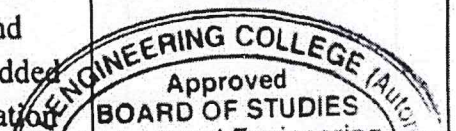


**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF AGRICULTURAL ENGINEERING
12TH BOS IMPLEMENTATION AND SUGGESTIONS
ACADEMIC YEAR 2025-2026**

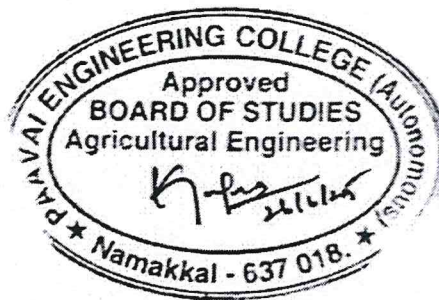
SEM/YEAR	COURSE CODE /TITLE	SUGGESTIONS BY BOS MEMBERS	STATUS OF IMPLEMENTATION
V/III	AI23501-Agricultural Business Management And Entrepreneurship	<ul style="list-style-type: none"> Supply chain management can be included in unit III KRA , KPR and RoI calculations can also be included. Syllabus contents can be added in unit V. 	IMPLEMENTED
V/III	AI23402-Farm Machinery And Equipment	<ul style="list-style-type: none"> Addition of Sprayer In Unit –IV Title for cultural operations can be modified as different farming operations Interchange of syllabus contents of unit – starting with operations followed equipment's 	IMPLEMENTED
V/III	AI 23504-Soil And Water Conservation Engineering:	<ul style="list-style-type: none"> Runoff topic can be included in unit V. Basics like design of percolation ponds can be introduced unit V. 	IMPLEMENTED
V/III	AI 23506- Food and Dairy Engineering Laboratory	<ul style="list-style-type: none"> The Credits can be changed or the addition of experiments. Experiments can be 	IMPLEMENTED



		altered.	
V/III	AI23507- Farm Machinery Laboratory.	<ul style="list-style-type: none"> Harvesting machineries title can be modified instead of harvesting of agricultural implement 	IMPLEMENTED
V/III	AI23505- Thermal Engineering	<ul style="list-style-type: none"> The cycles can be introduced in the syllabus. The syllabus can be brought sequentially and unit v can be changed. 	IMPLEMENTED
<u>VERTICAL-IV</u>	AI23455- Seed Production Technology	<ul style="list-style-type: none"> Title for Unit IV can be changed. Unit ii content can be increased by adding variety of crops/ cereals. 	IMPLEMENTED
<u>VERTICAL-IV</u>	AI23456-Climate Change And Adaptation	<ul style="list-style-type: none"> Unit II AND Unit I can be interchanged. Unit IV title can be restructured. Anthropogenic activity can be included in UNIT III Greenhouse gases emission and mitigation can be included. 	IMPLEMENTED
	AI23402- Protected Cultivation and Precision Farming	<ul style="list-style-type: none"> Management of Vertical Farming Can be added in Unit II 	IMPLEMENTED
<u>VERTICAL-IV</u>	AI23451- Sustainable Agriculture And Food Security	<ul style="list-style-type: none"> Unit II- Conjunctive use of ground and surface can be added instead of utilization 	IMPLEMENTED



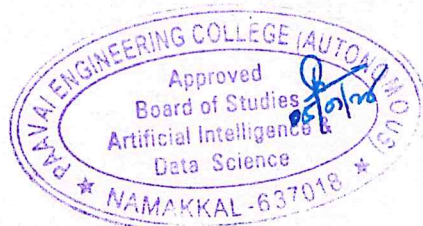
		of resources.	
<u>VERTICAL -V</u>	AI23551 - Ergonomics And Safety In Agricultural Engineering	<ul style="list-style-type: none"> • Personal protection can be included in unit-I • ISO 50001: EMS can be included in Unit-I 	IMPLEMENTED
	AI23554- Bio Energy Resource Technology	<ul style="list-style-type: none"> • Biopolymers can be included in the syllabus in UNIT I • Bio processing , Bio fuel can be added in unit II 	IMPLEMENTED
<u>VERTICAL -VI</u>	AI23655- Flood and control Measures	<ul style="list-style-type: none"> • Flood control can be added in unit III 	IMPLEMENTED
	AI23655- Urban Agriculture	<ul style="list-style-type: none"> • Unit contents of I and II contents can be altered • Unit II agro forestry can be revamped. 	IMPLEMENTED



PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
ACTION TAKEN REPORT OF 3rd BOS
BOS SUGGESTIONS AND IMPLEMENTATION
ACADEMIC YEAR 2025 – 2026

S.No	Year	Course code & Name	Suggestions	Implementation
1	III/V	Data and Information Security	Revise Bloom's Taxonomy levels according to the syllabus	Implemented
2	III/V	Data Science Laboratory	Include statistics related experiments in Data Science Laboratory	Implemented
3	III/V	Vertical I - AI Engineering	Suggested to remove Soft Computing and include Evolutionary Computing	Implemented
4	III/V	UI & UX Design	Suggested to modify the subject by removing UI & UX Design laboratory	Implemented
5	III/V	Vertical III - Cloud and Data Center Technologies	Suggested to change the title and syllabus related to recent technologies	Implemented
6	III/V	Vertical III - Cloud and Data Center Technologies	Include Prompt Engineering, Quantum Computing, Cognitive Science	Implemented
7	III/V	AI in Healthcare Analytics	Revise the fifth unit title and syllabus	Implemented
8	III/V	Image and Video Analytics	Include Video Tracking related topics in fifth unit	Implemented

The above implementations were effective from the academic year 2025 – 2026.

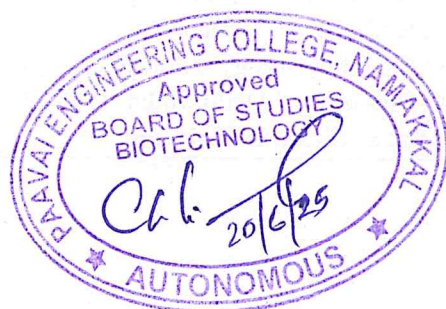


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PAAVAI ENGINEERING COLLEGE
(Autonomous)
Department of Biotechnology
5th BOS Suggestions and Implementation
Academic Year 2025-2026

Year/Sem	Course Code/Title	Suggestion by BOS members	Status of Implementation
III/V	BT23505/Genetic Engineering Laboratory	The list of Experiments has to be rearranged sequentially	Implemented
III/V	BT23506/Immunology Laboratory	The list of Experiments has to be rearranged sequentially	Implemented
III/V	BT23253/Vaccine Technology	<ol style="list-style-type: none"> I. Add the topic 'Fermentation system for vaccine production' in Unit III. II. Add the topic 'Conventional delivery method' in Unit IV. III. Add the topic 'Regulatory frame works' in Unit V. 	Implemented
III/V	BT23254/Cancer Biology and Therapeutics	<ol style="list-style-type: none"> I. Remove the topics 'Tumor markers and Molecular tools' from Unit I. II. Add the topics 'Cancer detection method and Gene therapies' in Unit V. 	Implemented
III/V	BT23257/Tissue Engineering	Shift the topics "Applications in Medicine, Drug Testing, and Biotechnology" from Unit I to Unit V.	Implemented
III/V	BT23351/Plant Physiology and Abiotic Stress	Add the following textbooks to the recommended reading list: Devlin R.M., Witham F.G., "Plant Physiology", Fourth Edition, New Delhi, India, 1983 and S. Chand & V.K. Jain,	Implemented

		"Fundamentals of Plant Physiology", Nineteenth Edition, 2017.	
III/V	BT23357/Fungal and Algal Technology	Add recent advances and applications related topics like 'New Antifungal Agents and Vaccine Research in Clinical Mycology. Lichens as Bio indicators of Urban Pollution and Climate Change' in Unit IV and Unit V.	Implemented
III/V	BT23551/Fundamentals of Animal Biotechnology	Rename the course title "Fundamentals of Animal Biotechnology".	Implemented
III/V	BT23557/Stem Cell Technology	Add the topic 'Cryopreservation Technique' in Unit IV	Implemented
III/V	BT23651/Clinical Trials and Health Care Policies	Add the topic 'Clinical trials' in Unit I.	Implemented
III/V	BT23652/Biotechnological Products and its Validation	I. Include the topic 'USFDA' in Unit I. II. Add the topics 'Clinical data and Potential role of Nutraceuticals' in Unit III.	Implemented
III/V	BT23654/Bio-entrepreneurship and Patent Design	I. Add IPR related subtopic in Unit II like 'Components of financial plan'. II. Add the topics 'Management of IPR and Types of IPR' in Unit V.	Implemented



C. L. S.
HoD/BT

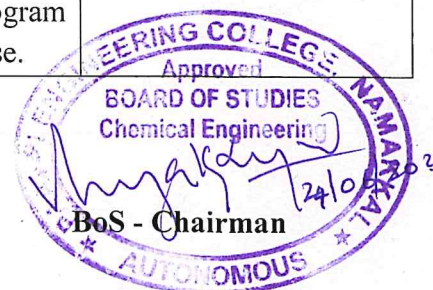
Head of the Department
Department of Biotechnology
Paavai Engineering College
NH-7, Pachal Post, Namakkal-637 018

Paavai Engineering College (Autonomous)

Department of Chemical Engineering

Suggestions and Implementations of 12th Board of Studies

SEM/ YEAR	COURSE TITLE	SUGGESTION BY BOS MEMBERS	STATUS OF IMPLEMENTATION
III/II	CM23305 Chemical Process Industries I	Existing course CH23301 Physical Chemistry (Theory) is removed and new course can be introduced.	Implemented
III/II	CM23307 Process Technology Laboratory	Existing course CH23302 Physical Chemistry Laboratory may be removed and new lab can be introduced.	Implemented
III/II	CM23306 Engineering Thermodynamics (Theory cum Lab)	Existing CM23303 Thermal Engineering (Theory cum Lab) course can be replaced with thermodynamics subject.	Implemented
III/IV	Verticals IV, V, and VI and Minor	1. Several subject titles and course outcomes across verticals need to be revised. 2. Textbooks and reference books need to be updated. 3. Course outcomes and program outcome mapping need to revise.	Implemented



PAAVAI ENGINEERING COLLEGE

(Autonomous)

Department of Food Technology

9th BOS Meeting

Academic Year 2025 -2026

Suggestions and Implementation

Sem/Year	Course Code/Title	Suggestion by BOS Members	Status of Implementation
V/III	FT23501 – Dairy Technology	1. In Unit 3 - The Title AI should be removed 2. In Unit 4 - Whey product, emerging products and fortified milk products should include. The construction details changed to processing details or methods.	Implemented
V/III	FT23502 – Food Process Engineering	1. Water activity and its importance; Water sorption Isotherms, grading methods need to be include. 2. The drying kinetics, curve, characteristics of food quality need to be included. 3. The supplemental and extrusion topics needs to be removed.	Implemented
V/III	FT23503 – Thermodynamics for Food Technology	The Law of conservation of energy, specific heat, thermal capacity and water equivalent should be included.	Implemented
V/III	FT23155 – Dairy Technology Laboratory	The process of cheese, panner, whey products must be included as experiment.	Implemented
Vertical 4	FT23453- Dietetics - I	In Unit 4 – Alcohol and Diabetes case studies must be included.	Implemented
Vertical 4	FT23454 – Dietetics - II	In Unit 5 – Role of food in cancer and case studies need to include.	Implemented
Vertical 5	FT23552- Beverage Technology	In Unit 2- Non-Alcoholic beverage and their processing must be included.	Implemented

		In Unit 3 - Vegetable based beverages, Cereal based beverages, Indigenous beverages need to be added. In Unit 5 - FSSAI, CODEX; FDA, EU regulation needs to be added.	
Vertical 5	FT23553 – Emerging Food Processing Techniques	In Unit 1 - High Hydrostatic pressure processing of cereals and pulses and high-pressure CO2 processing of foods need to be added. In Unit 5 – Cold plasma method for decontamination has to be included.	Implemented
Vertical 5	FT23557 – AI for Food Technologist	In Unit 5 - Role of AI in shelf - life prediction, AI in nano sensors must include.	Implemented
Vertical 6	FT23651 – Introduction to Food Safety Analysis and Quality Risk Management	In Unit 2 – Non-Thermal Technology and advance techniques need to be added. In Unit 5 - World trade issues for food safety, FAO or WHO Food Standards Program need to include.	Implemented
Minor Courses	Regulation 2023 (Minor)	Nutrients Chemistry subject change to Basics of Food Science.	Implemented
CO & PO Mapping	Semester V	Correct CO & PO Mapping and levels in all the courses.	Implemented



PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF INFORMATION TECHNOLOGY
ACTION TAKEN REPORT OF 12th BOS
BOS SUGGESTIONS AND IMPLEMENTATION
ACADEMIC YEAR 2025 - 2026

S.No	Year	Course code & Name	Suggestions	Implementation
1.	III/V	IT23501/ Theory of Computation	Latest Text book need to be included	Implemented
2.	III/V	IT23502/ Artificial Intelligence	Replace the syllabus with Artificial Intelligence and Machine Learning.	Implemented
3.	III/V	IT23504/ Full Stack Development	Introduction to Git and GitHub concepts need to include in unit 3. Introduction to Docker for Web Applications need to include in unit 5.	Implemented
4.	III/V	IT23505/ Software Engineering	Contents of Agile and DevOps need to include in unit 1.	Implemented
5.	III/V	IT23506/ Artificial Intelligence and Data Science Laboratory	Replace the syllabus with Artificial Intelligence and Machine Learning lab.	Implemented
6.	Professional Elective	IT23551/ 3D Printing and Design	Course can be moved to Value added. Replace the course with Industrial IOT course.	Implemented
7.	Professional Elective	IT23653/ Soft Computing	Course can be removed. Replace the course with Agentic AI and Prompt Engineering.	Implemented

The above implementations were effective from the academic year 2025 – 2026.



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HOD /IT

PAAVAI ENGINEERING COLLEGE
(Autonomous)
Department of Pharmaceutical Technology
9th Board of Studies Meeting
Academic Year 2025 -2026
Suggestions and Implementation

Sem/Year	Course Code/Title	Suggestion by BOS Members	Status of Implementation
III/V	PT23502 - Pharmaceutical Fermentation Technology	Trouble shooting in fermentation topic have to added in the first Unit.	Implemented
III/V	PT23504 - Pharmacology	<ol style="list-style-type: none"> 1. Title of the course shall be changed to Pharmacology and Toxicology. 2. Routes of administration, different types of drug interactions are to be added in the Unit I. 3. Mode of action- Mechanism and pharmacological action has to be added as a sub heading for Unit II, III, IV, V. 4. Drugs used in heart failure has to be removed. Agents used in cardiac arrhythmias has to be replaced by Agents used in cardiac arrhythmias. Diuretic agents can be mentioned as Diuretics. Three examples of drugs for each category. 5. Drugs acting on Endocrine system can be shifted to Unit V. Unit V title can be replaced as Drugs acting on endocrine system and chemotherapeutic agents. 6. Traditional medicines and toxicology topics can be added in fifth Unit. 7. Standard Textbooks can be added in Textbook category. 	Implemented
III/V	PT23505 - Medicinal Chemistry	<ol style="list-style-type: none"> 1. Title of Unit II, III, IV, V can be changed to chemotherapeutic agents, Pharmacodynamic agents and structure-activity relationship respectively. 2. Each drug should be correlate with the drugs in the Pharmacology Course. Minimum three drugs should be added, synthesis and structure, mode of action can be added. 3. From Unit V, some of the topics to be removed. Also, title have to be changed. Accordingly, topics to be added in the course for Unit V. 	Implemented

III/V	PT23507 Pharmacological Laboratory - assay	<ol style="list-style-type: none"> Title of the course has to be changed as Pharmacology Laboratory. Experiment 5 and 8 has to be removed. Some experiments related to toxicity, LD 50, ID 50 has to be added. Two- three experiments can be incorporated in DPPH assay. Reference and text book should be added and web links for online demonstration can be incorporated. 	Implemented
Vertical 4	PT23453 - Vaccinology	Title has to be changed to Fundamentals of Vaccine Technology	Implemented
Vertical 4	PT23455 - Regenerative Medicine	3D Bioprinting shall be added in the Unit II.	Implemented
Vertical 4	PT23457 - Precision Medicine	Study, design for analysis, analytical issues shall be removed from Unit II	Implemented
Vertical 5	PT23553 - Qulaity Assurance in Pharmaceutical Industries	Add cGMP topic in Unit I	Implemented
Vertical 5	PT23555 - Regulatory Requirements in Pharmaceutical Industries	In Unit V, provide real time case studies, also provide examples such as tablets and capsules.	Implemented
Vertical 5	PT23556 - Quality Management Systems in Pharma Sector	Title has to be changed to Quality Management systems in Pharmaceutical Sector. Add cGMP in Unit II.	Implemented
Vertical 6	PT23652 - Pharmaceutical Supply Chain Management	In Unit III, change pharma supply chain to pharmaceutical supply chain.	Implemented
Vertical 6	PT23656 - Regulatory issues in Pharmaceutical Industry	Add pharmaceutical data instead of pharma data in Unit V.	Implemented
Minor	BP23005 - Pharmaceutical Process design	Units III, IV, V to be redesigned/ remodified. Scale up and process validation topics shall be removed from Unit II. Title shall be modified. Introduction to synthesis and purification title has to be given in Unit V. Provide Introduction title to all Unit titles. Simplify the overall course units.	Implemented
Minor	BP23006 - Biological Evaluation of Drugs	Simplify the Units. Name the special toxicity test specifically. Remove the guideline for toxicity studies.	Implemented



R. L. S.
BoS- Chairman

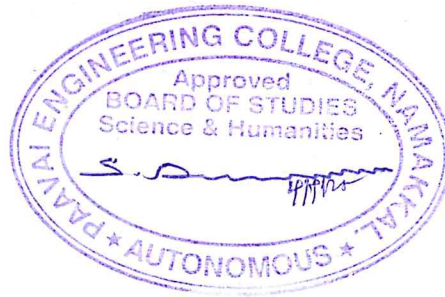
**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)
PACHAL NAMAKKAL**

DEPARTMENT OF SCIENCE AND HUMANITIES

12th BoS Suggestions and Implementation

Regulations 2023 – UG

Semester / Year	Course Code / Title	Suggestion	Status of Implementation
V/III	EE23502 / Professional Development III	NIL	NIL



PAAVAI ENGINEERING COLLEGE
(Autonomous)
DEPARTMENT OF MANAGEMENT STUDIES

S.NO	Sem & Year	Course Code / Title	Suggestion by BOS Members	Status of Implementation
1.	V / III	BA23151 – Entrepreneurship Development	Functions of an Entrepreneur to be included in Unit I, Renamed Mindset as Entrepreneurial Skill set in Unit II, The unit III was retitled as Entrepreneurial Development and Structures, Topics like AI in Business Plan Preparation and AI driven Startup Evaluation and Scoring to be included in Unit IV, Topics like Women Entrepreneurial schemes for women (SSI& MSME) and Women entrepreneurship platform in India, AI in formal sector was added in Unit V.	Implemented
2.	VII/IV	BA23152-Total Quality Management	Topic changed from “Customer Orientation” to “Foundation of TQM” in Unit I, ERP and its role to be included in Unit III, Topics like Quality function Deployment, Poka Yoke and Fool Proofing, AI in Total productive Maintenance to be included in Unit IV, Topic Such as Six Sigma, AI based quality inspection, Quality awards were added in Unit V.	Implemented



PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS
10th BOS SUGGESTIONS AND IMPLEMENTATION
Academic Year 2025-26 Odd Semester

Sem / Year	Course Code / Title	Suggestions by BOS Members	Status of Implementation
I / II R2023	Professional Elective I CA23156 - Soft Computing Techniques	The Course Predictive Analysis has been included instead of Soft Computing Techniques	Yes, Implemented
II / III R2023	Professional Elective II CA23254 - Organizational Behavior	The course Quantum Computing has been included instead of Organizational Behavior.	Yes, Implemented
II / III R2023	Professional Elective III CA23353 - Software Quality and Testing	The course Automation Testing has been included instead of course Software Quality and Testing.	Yes, Implemented
II / III R2023	Professional Elective III CA23354 - Enterprise Resource Planning	The course Reinforcement Techniques has been included instead of Enterprise Recourse Planning.	Yes, Implemented

BoS - Chairman

