T.J.S. ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)

Approved by AICTE, Affiliated to Anna University, Chennai.

TJS Nagar, Peruvoyal, Kavaraipettai, Chennai-601206.



B.E. COMPUTER SCIENCE AND ENGINEERING
(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

REGULATIONS 2026

CURRICULUM

(For the Students admitted from 2026-27)

T.J.S. ENGINEERING COLLEGE

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REGULATIONS 2026

CHOICE BASED CREDIT SYSTEM (CBCS)

B.E. COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

Vision

To provide quality education and focus on students to promote innovation leading to responsible engineers able to meet the emerging needs of the society as a whole.

Mission

To nurture the students with strong fundamentals for a successful career in the field of Artificial Intelligence and Machine Learning.

To inculcate interest on research and innovation through critical thinking.

To Motivate students to emerge as entrepreneurs with leadership qualities in a societal centric programme to fulfil Industry and community needs with ethical standards.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. Effectuating success in careers by exploring with the design, digital and computational analysis of engineering systems, experimentation and testing, smart manufacturing, technical services, and research.

2. Amalgamating effectively with stakeholders to update and improve their core competencies and abilities to ethically compete in the ever-changing multicultural global enterprise.

3. To encourage multi-disciplinary research and development to foster advanced technology, and to nurture innovation and entrepreneurship in order to compete successfully in the global economy.

4.To globally share and apply technical knowledge to create new opportunities that proactively advances our society through team efforts and to solve various challenging technical, environmental and societal problems.

5. To create world class mechanical engineers capable of practice engineering ethically with a solid vision to become great leaders in academia, industries and society.

Program Outcomes

1. Engineering Knowledge: Apply math, science, and engineering fundamentals to complex problems.

2. Problem Analysis: Identify and analyze complex problems using research and sustainability principles.

3. Design Solutions: Design systems and processes considering health, safety, cost, culture, and environment.

4. Investigations: Use experiments, modelling, and data analysis to reach valid conclusions.

5. Engineering Tools: Apply modern tools for modelling and problem-solving, recognizing their limits.

6. Society & Environment: Assess societal, legal, and environmental impacts of engineering solutions.

7. Ethics: Commit to ethics, human values, diversity, and legal compliance.

8. Teamwork: Work effectively as an individual and in multidisciplinary teams.

9. Communication: Communicate clearly in reports, presentations, and documentation across diverse groups.

10. Management & Finance: Apply management and economic principles in projects and teamwork.

11. Lifelong Learning: Engage in continuous learning, adapt to new technologies, and think critically.

Program Specific Outcomes

PSO1. Design and develop intelligent computing solutions by applying AI and machine learning techniques to solve real-world problems.

PSO2. Employ modern AI tools, frameworks, and innovative methods to analyze

data, build predictive models, and deliver effective solutions for industrial and societal applications.

PSO3. Enhance competence in advancements in AI and ML, engage in responsible research, and uphold ethical and professional standards in developing intelligent systems

Course Type	Definition
T	Theory
LIT	Lab Integrated with Theory
L	Laboratory

Period	Definition
L	Lecture Period
T	Tutorial Period
P	Practical Period

Course Category	Definition
HS	Humanities & Social Science Courses
BS	Basic Science Courses
ES	Engineering Science Courses
PC	Professional Core Courses
PE	Professional Elective Courses
OE	Open Elective Courses
EE	Employability Enhancement Courses
MC	Mandatory Courses

1 Hour Lecture (L) per week	1 Credit
1 Hour Tutorial (T) per week	1 Credit
1 Hour Practical (P) per week	0.5 Credit

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CURRICULUM

(For the Students admitted from 2026-27)

SEMESTER I

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26EN101	Professional English	T	2-0-0	2	2	HS
2	26TA101	Heritage of Tamils	T	1-0-0	1	1	HS
3	26MA101	Matrices and Calculus	T	3-1-0	4	4	BS
4	26PH201	Engineering Physics	LIT	2-0-2	4	3	BS
5	26CY201	Engineering Chemistry	LIT	2-0-2	4	3	BS
6	26CS201	Fundamentals of Programming in C	LIT	3-0-2	5	4	ES
7	26EN301	Life Skills for Engineers	L	0-0-2	2	1	HS
8	26ME301	Makerspace	L	0-0-4	4	2	ES
9		Physical Education-I	--	0-0-1	1	--	--
10		NCC/NSS/NSO/YRC	--	--	--	--	--
		TOTAL			**27**	**20**	

SEMESTER II

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26TA102	Tamils and Technology	T	1-0-0	1	1	HS
2	26MA102	Transforms and its Applications	T	3-1-0	4	4	BS
3	26PH104	Physics for Information Science	T	3-0-0	3	3	BS
4	26EE201	Basic Electrical and Electronics Engineering	LIT	3-0-2	5	4	ES
5	26CS202	Problem Solving using Python Programming	LIT	3-0-2	5	4	ES
6	26CS203	Digital Principles and Computer Organisation	LIT	3-0-2	5	4	ES
7	26EN302	English Essentials	L	0-0-2	2	1	HS
8	26SD301	Employability Enhancement Skills-I	L	0-0-2	2	1	EE
9		Physical Education-II	--	0-0-1	1	--	--
		TOTAL			**28**	**22**	

SEMESTER III

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26MA104	Discrete Mathematics	T	3-1-0	4	4	BS
2	26CS204	Operating Systems	LIT	2-0-2	4	3	PC
3	26CS205	Object Oriented Programming C++	LIT	3-0-2	5	4	PC
4	26CS206	Data Structures	LIT	3-0-2	5	4	PC
5	26CS208	Database Management Systems	LIT	3-0-2	5	4	PC
6	26AL201	Artificial Intelligence	LIT	2-0-2	4	3	PC
7	26EN303	English Communication Skills Laboratory-I	L	0-0-2	2	1	HS
8	26SD302	Employability Enhancement Skills-II	L	0-0-2	2	1	EE
				TOTAL	**31**	**24**	

SEMESTER IV

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26MA106	Probability and Statistics	T	3-1-0	4	4	BS
2	26IT201	Design and Analysis of Algorithms	LIT	3-0-2	5	4	PC
3	26IT204	Computer networks	LIT	3-0-2	5	4	PC
4	26AD201	Automata and Compiler Design	LIT	3-0-2	5	4	PC
5	26CS209	Machine Learning	LIT	3-0-2	5	4	PC
6	26AL203	Java programming	LIT	3-0-2	5	4	PC
7	26EN304	English Communication Skills Laboratory – II	L	0-0-2	2	1	HS
8	26SD303	Employability Enhancement Skills-III	L	0-0-2	2	1	EE
				TOTAL	**33**	**26**	

SEMESTER V

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26MA107	Linear algebra	T	3-1-0	4	4	BS
2		Open Elective-I	T	3-0-0	3	3	OE
3		Professional Elective -I	LIT			3	PE
4		Deep Learning	LIT			4	PE
5	26AL204	Big Data analytics	LIT	3-0-2	5	4	PC
6	26AD202	Exploratory Data Analysis	LIT	3-0-2	5	4	PC
7	26SD304	Employability Enhancement Skills-III	L	0-0-2	2	1	EE
8		Mandatory Course I	T	2-0-0	2	0	MC
		TOTAL			--	23	
For Honours Degree							
1	26CD431	Capstone Design Project-Level I	CDP	0-0-12	12	6	
Or							
1		Honours Elective-I	T/LIT			3	
2		Honours Elective-II	T/LIT			3	
For Minor Degree							
1		Minor Elective-I	T/LIT			3	
2		Minor Elective-II	T/LIT			3	

SEMESTER VI

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26CY101	Climate Change and Environmental Sustainability	T	2-0-0	2	2	HS
2		Open Elective-II	T	3-0-0	3	3	OE
3		Professional Elective-II	LIT			3	PE
4		Professional Elective-III	LIT			3	PE
5	26AL205	Reinforcement Learning	LIT	3-0-2	5	4	PC
6	26AL206	Generative AI	T	3-0-0	3	3	PC
7	26SD305	Employability Enhancement Skills-V	L	0-0-2	2	1	EE
8	26PW401	Practice Project	L	0-0-4	4	2	EE
9		Mandatory Course-II	T	2-0-0	2	0	MC
				TOTAL	--	**21**	
For Honours Degree							
1	26CD432	Capstone Design Project-Level II	CDP	0-0-12	12	6	
Or							
1		Honours Elective-III	T/LIT			3	
2		Honours Elective-IV	T/LIT			3	
For Minor Degree							
1		Minor Elective-III	T/LIT			3	
2		Minor Elective-IV	T/LIT			3	

SEMESTER VII

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26EN102	Human Values and Ethics	T	3-0-0	3	3	HS
2	26AL101	Large Language Models	T	3-0-0	3	3	PC
3	26IT102	Cybersecurity and Privacy	T	3-0-0	3	3	PC
4		Open Elective-III	T	3-0-0	3	3	OE
5		Professional Elective-IV	LIT			3	PE
6		Professional Elective-V	LIT			3	PE
7		Professional Elective-VI	LIT			3	PE
	26IN401	Internship				1	EE
				TOTAL	--	**22**	
For Honours Degree							
1	26CD433	Capstone Design Project-Level III	CDP	0-0-12	12	6	
Or							
1		Honours Elective-V	T/LIT			3	
2		Honours Elective-VI	T/LIT			3	
For Minor Degree							
1		Minor Elective-V	T/LIT			3	
2		Minor Elective-VI	T/LIT			3	

SEMESTER VIII

S.No	COURSE CODE	COURSE TITLE	Course Type	L-T-P	TCP	CREDIT	CATEGORY
1	26PW402	Project Work / Project Work-Cum-Internship	L	0-0-16	16	8	EE
		TOTAL			**16**	**8**	

Mandatory Courses-I							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26MX101	Introduction to Women and Gender Studies	T	2-0-0	2	--	MC
2	26MX102	Elements of Literature	T	2-0-0	2	--	MC
3	26MX103	Film Appreciation	T	2-0-0	2	--	MC
4	26MX104	Disaster Risk Reduction and Management	T	2-0-0	2	--	MC

Mandatory Courses-II

S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26MX105	Well Being with Traditional Practices	T	2-0-0	2	--	MC
2	26MX106	History of Science and Technology in India	T	2-0-0	2	--	MC
3	26MX107	Political and Economic Thought for a Humane Society	T	2-0-0	2	--	MC
4	26MX108	State, Nation Building and Politics in India	T	2-0-0	2	--	MC
5	26MX109	Industrial Safety	T	2-0-0	2	--	MC

Open Elective Courses-I							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26ME131	Industrial Engineering	T	3-0-0	3	3	OE
2	26CY102	Food Nutrition and Health	T	3-0-0	3	3	OE
3	26CY103	Environmental and Social Impact Assessment	T	3-0-0	3	3	OE
4	26EE129	Renewable Energy Systems	T	3-0-0	3	3	OE
5	26MG117	Engineering Econometrics	T	3-0-0	3	3	OE
6	26MG116	Fintech Regulation	T	3-0-0	3	3	OE
7	26ME149	Resource Management Techniques	T	3-0-0	3	3	OE
8	26IT107	IT in Agricultural Systems	T	3-0-0	3	3	OE
9	26EN103	English for Competitive Examinations	T	3-0-0	3	3	OE
10	26IT108	IoT Architectures and Protocols	T	3-0-0	3	3	OE
11	26EC134	Digital Image Processing	T	3-0-0	3	3	OE

Open Elective Courses-II							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26ME156	Non-Destructive Testing	T	3-0-0	3	3	OE
2	26EC135	Remote Sensing	T	3-0-0	3	3	OE
3	26MG118	NGOs and Sustainable Development	T	3-0-0	3	3	OE
4	26EN104	Democracy and Good Governance	T	3-0-0	3	3	OE
5	26ME150	Applied Design Thinking	T	3-0-0	3	3	OE
6	26ME151	Reverse Engineering	T	3-0-0	3	3	OE
7	26ME152	Sustainable Manufacturing	T	3-0-0	3	3	OE
8	26ME153	Quality Engineering	T	3-0-0	3	3	OE
9	26ME154	Industrial Management	T	3-0-0	3	3	OE
10	26ME155	Fire Safety Engineering	T	3-0-0	3	3	OE
11	26EE104	Microprocessors and Microcontrollers	T	3-0-0	3	3	OE
12	26AD103	Advanced Financial Analytics	T	3-0-0	3	3	OE
14	26IT110	Privacy and Security in Social Media	T	3-0-0	3	3	OE

Open Elective Courses-III							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26ME157	Energy Conservation and Management	T	3-0-0	3	3	OE
2	26EC136	Assistive Technology	T	3-0-0	3	3	OE
3	26ME158	Operations Management	T	3-0-0	3	3	OE
4	26MG119	Lean Concepts Tools and Practices	T	3-0-0	3	3	OE
5	26MG120	Production and Operations Management for Entrepreneurs	T	3-0-0	3	3	OE
6	26ME159	Additive Manufacturing	T	3-0-0	3	3	OE
7	26ME160	New Product Development	T	3-0-0	3	3	OE
8	26ME161	Industrial Design and Rapid Prototyping	T	3-0-0	3	3	OE
9	26ME162	Micro and Precision Engineering	T	3-0-0	3	3	OE
10	26MG121	Cost Management of Engineering Projects	T	3-0-0	3	3	OE
11	26EE131	Batteries and Management System	T	3-0-0	3	3	OE
12	26EC137	Sensors and Actuators	T	3-0-0	3	3	OE
13	26ME163	Production Planning and Control	T	3-0-0	3	3	OE
14	26EC138	Drone Technologies	T	3-0-0	3	3	OE
15	26EC139	Geographical Information Systems	T	3-0-0	3	3	OE
16	26ME164	Industrial Automation Systems	T	3-0-0	3	3	OE
17	26ME165	Energy Technology	T	3-0-0	3	3	OE
18	26IT106	Online Privacy	T	3-0-0	3	3	OE
19	26MG122	Patent Laws for Engineers and Scientists	T	3-0-0	3	3	OE
20	26EC140	Principles of Digital Communication	T	3-0-0	3	3	OE
21	26IT109	Information Theory	T	3-0-0	3	3	OE

PROFESSIONAL ELECTIVES: VERTICALS

Vertical 1 AI Driven Computing	Vertical 2 Cyber Defense and Intelligence Security	Vertical 3 Cloud and Deployment Services	Vertical 4 MERN Stack Development	Vertical 5 Artificial Intelligence and Machine Learning	Vertical 6 Intelligent Computing
Data Analytics and Data Science	Ethical Hacking and Security	Cloud Computing	Agile software development	Knowledge Engineering	Data Analytics and Visualisation
Computer Vision and Application	Web Application Security	AI Based Green Computing	NOSQL Database	Soft Computing	Computer Vision and Image Processing
Soft Computing	Information Security and Management	Cloud Storage Technology	Mobile and Web Application	Neural Networks and Deep Learning	Reinforcement Learning
Knowledge Representation and Reasoning	Security and Privacy in cloud	Security & Privacy in Cloud	Web Frameworks	Text and Speech Analysis	Generative AI
Introduction To AI Robotics	Blockchain Technology	Cloud services and Data Management	App development	Ethics and AI	Ethics and AI
Text and Speech Analysis	Social Network Security	Stream Processing	DevOps	Cognitive Science	Game Theory

PROFESSIONAL ELECTIVE COURSES - VERTICALS							
VERTICAL 1 – AI DRIVEN COMPUTING							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26AD210	Data Analytics and Data Science	LIT	2-0-2	4	3	PE
2	26AD218	Computer Vision and Application	LIT	2-0-2	4	3	PE
3	26AD211	Soft Computing	LIT	2-0-2	4	3	PE
4	26AD212	Knowledge Representation and Reasoning	LIT	2-0-2	4	3	PE
5	26AD217	Introduction To AI Robotics	LIT	2-0-2	4	3	PE
6	26AD213	Text and Speech Analysis	LIT	2-0-2	4	3	PE

PROFESSIONAL ELECTIVE COURSES - VERTICALS							
VERTICAL 2 – CYBER DEFENSE AND INTELLIGENCE SECURITY							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26IT209	Ethical Hacking and Security	LIT	2-0-2	4	3	PE
2	26IT210	Web Application Security	LIT	2-0-2	4	3	PE
3	26IT211	Information Security and Management	LIT	2-0-2	4	3	PE
4	26IT212	Security and Privacy in cloud	LIT	2-0-2	4	3	PE
5	26IT213	Blockchain Technology	LIT	2-0-2	4	3	PE
6	26IT214	Social Network Security	LIT	2-0-2	4	3	PE

PROFESSIONAL ELECTIVE COURSES - VERTICALS							
VERTICAL 3 – CLOUD AND DEPLOYMENT SERVICES							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26CS215	Cloud Computing	LIT	2-0-2	4	3	PE
2	26CS216	AI Based Green Computing	LIT	2-0-2	4	3	PE
3	26CS217	Cloud Storage Technology	LIT	2-0-2	4	3	PE
4	26CS218	Security & Privacy in Cloud	LIT	2-0-2	4	3	PE
5	26CS219	Cloud services and Data Management	LIT	2-0-2	4	3	PE
6	26CS220	Stream Processing	LIT	2-0-2	4	3	PE

PROFESSIONAL ELECTIVE COURSES - VERTICALS							
VERTICAL 4 -MERN STACK DEVELOPMENT							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26CS221	Agile software development	LIT	2-0-2	4	3	PE
2	26CS222	NOSQL Database	LIT	2-0-2	4	3	PE
3	26CS223	Mobile and Web Application	LIT	2-0-2	4	3	PE
4	26CS224	Web Frameworks	LIT	2-0-2	4	3	PE
5	26CS225	App development	LIT	2-0-2	4	3	PE
6	26CS226	DevOps	LIT	2-0-2	4	3	PE

PROFESSIONAL ELECTIVE COURSES - VERTICALS							
VERTICAL 5 – ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26CS231	Knowledge Engineering	LIT	2-0-2	4	3	PE
2	26CS232	Soft Computing	LIT	2-0-2	4	3	PE
3	26CS233	Neural Networks and Deep Learning	LIT	2-0-2	4	3	PE
4	26CS234	Text and Speech Analysis	LIT	2-0-2	4	3	PE
5	26CS235	Ethics and AI	LIT	2-0-2	4	3	PE
6	26CS236	Cognitive Science	LIT	2-0-2	4	3	PE

PROFESSIONAL ELECTIVE COURSES - VERTICALS							
VERTICAL 6 - INTELLIGENT COMPUTING							
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**	**CATEGORY**
1	26AD205	Data Analytics and Visualisation	LIT	2-0-2	4	3	PE
2	26AD213	Computer Vision and Image Processing	LIT	2-0-2	4	3	PE
3	26AD206	Reinforcement Learning	LIT	2-0-2	4	3	PE
4	26AD207	Generative AI	LIT	2-0-2	4	3	PE
5	26AD208	Ethics and AI	LIT	2-0-2	4	3	PE
6	26AD209	Game Theory	LIT	2-0-2	4	3	PE

MINOR ELECTIVES						
VERTICAL 1 - FINTECH AND BLOCKCHAIN						
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**
1	26MG101	Financial Management	T	3-0-0	3	3
2	26MG102	Fundamentals of Investment	T	3-0-0	3	3
3	26MG103	Banking Financial Services and Insurance	T	3-0-0	3	3
4	26IT103	Blockchain and its Applications	T	3-0-0	3	3
5	26IT104	Introduction to Fintech	T	3-0-0	3	3
6	26IT105	Fintech Personal Finance and Payments	T	3-0-0	3	3

MINOR ELECTIVES						
VERTICAL 2 - ENTREPRENEURSHIP						
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**
1	26MG123	Engineering Entrepreneurship and IPR	T	3-0-0	3	3
2	26MG105	Team Building and Leadership Management for Business	T	3-0-0	3	3
3	26MG106	Creativity & Innovation in Entrepreneurship	T	3-0-0	3	3
4	26MG107	Principles of Marketing Management for Business	T	3-0-0	3	3
5	26MG108	Human Resource Management for Entrepreneurs	T	3-0-0	3	3
6	26MG109	Financing New Business Ventures	T	3-0-0	3	3

MINOR ELECTIVES						
VERTICAL 3 - PUBLIC ADMINISTRATION						
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**
1	26MG110	Principles of Public Administration	T	3-0-0	3	3
2	26MG111	Constitution of India	T	3-0-0	3	3
3	26MG112	Public Personnel Administration	T	3-0-0	3	3
4	26MG113	Administrative Theories	T	3-0-0	3	3
5	26MG114	Indian Administrative System	T	3-0-0	3	3
6	26MG115	Public Policy Administration	T	3-0-0	3	3

MINOR ELECTIVES						
VERTICAL 4 - BUSINESS DATA ANALYTICS						
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**
1	26MA108	Statistics for Management	T	3-0-0	3	3
2	26AD101	Datamining for Business Intelligence	T	3-0-0	3	3
3	26AD104	Human Resource Analytics	T	3-0-0	3	3
4	26AD105	Marketing and Social Media Web Analytics	T	3-0-0	3	3
5	26AD106	Operation and Supply Chain Analytics	T	3-0-0	3	3
6	26AD107	Financial Analytics	T	3-0-0	3	3

VERTICAL 5 - SUSTAINABILE DEVELOPMENT						
S.No	**COURSE CODE**	**COURSE TITLE**	**Course Type**	**L-T-P**	**TCP**	**CREDIT**
1	26ME142	Sustainable Infrastructure Development	T	3-0-0	3	3
2	26ME143	Sustainable Agriculture and Environmental Management	T	3-0-0	3	3
3	26ME144	Sustainable Bio Materials	T	3-0-0	3	3
4	26ME145	Materials for Energy Sustainability	T	3-0-0	3	3
5	26ME146	Energy Efficiency for Sustainable Development	T	3-0-0	3	3
6	26ME147	Integrated Energy Planning for Sustainable Development	T	3-0-0	3	3

B.E. COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (R2026)

Course Category	**CREDITS PER SEMESTER**								**TOTAL CREDITS**
	I	**II**	**III**	**IV**	**V**	**VI**	**VII**	**VIII**	
HS	4	2	1	1		2	3		**13**
BS	10	7	4	4	4				**29**
ES	6	12							**18**
PC			19	20	8	7	6		**60**
PE					6	6	6		**18**
OE					3	3	3		**9**
EE		1	1	1	1	3	1	8	**16**
MC									**0**
	20	**22**	**25**	**26**	**22**	**21**	**19**	**8**	**163**