



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Regulation 2026 – Curriculum and Syllabus – First Semester

Semester -1

S. No	Course Code	Name of the Course	No. of Hours / per Week		C	Category	CT	Maximum Marks		
			L-T-P	CH				CA	ES	Total
1	26MAT101	Calculus for Engineers	3-1-0	4	4	BS	T	40	60	100
2	26CYT101	Environmental Science and Engineering	3-0-0	3	3	ES	T	40	60	100
3	26GEB101	Design Thinking	2-0-2	4	3	ES	TCP	50	50	100
4	26PHB101	Engineering Physics	2-0-2	4	3	BS	TCP	50	50	100
5	26GEL102	Problem Solving using C	1-0-4	5	3	ES	LCT	50	50	100
6	26ENT101	English for Professional Development	2-0-0	2	2	HS	T	100	-	100
7	26TAT101	Heritage of Tamils	1-0-0	1	1	HS	T	100	-	100
TOTAL				23	19					
9	26INA101	Induction Programme	-	1 Week	-	MC	-	-	-	-
10	26SSA1xx	Club Activities	0-0-1	1	-	MC	-	-	-	-
11	26SSD101	Interpersonal skills, Psychometric Analysis and Career Development	0-0-1	1	-	SD	-	100	-	100

Note: Since TCP course is 2-0-2, End Semester will be conducted for Theory alone and LCT course is 1-0-4, End Semester will be conducted for Laboratory alone.

Club Activities

Course Code	Name of the Club
26SSA101	NCC
26SSA102	NSS
26SSA103	Eco Club
26SSA104	Fit India Club
26SSA105	Fine Arts
26SSA106	KAMARAJ Space Club

Course Code	Name of the Club
26SSA107	Literary Club
26SSA108	Photography Club
26SSA109	Programmers Club
26SSA110	Ramanujan Club
26SSA111	Robotics Club
26SSA112	Science Club
26SSA113	Sports Club
26SSA114	Tamil Mandram
26SSA115	YRC

Course Code	Course Name	SDG Mapped	L	T	P	C
26MAT101	CALCULUS FOR ENGINEERS	SDG 04, 09	3	1	0	4

Category: Foundation Courses – Basic Sciences

Course Objectives

The course enables the students to:

- Apply the calculus concepts in solving engineering problems using analytical methods.
- Apply multiple integrals for evaluating areas and volumes.
- Understand the theory and applications of Beta, Gamma, and Error functions.
- Solve higher-order ordinary differential equations using standard analytical techniques.

Course Syllabus

APPLICATIONS OF DIFFERENTIAL CALCULUS

Curvature – Cartesian and parametric coordinates – Centre and radius of curvature – Circle of Curvature – Evolute of a curve (Parabola, Ellipse, and Hyperbola) – Envelopes.

Learning Activities: *Solving of Competitive Examination questions.*

APPLICATIONS OF MULTIVARIABLE CALCULUS

Partial derivatives – Total derivative – Euler's theorem on Homogeneous functions – Differentiation of implicit functions – Jacobian and its properties – Taylor's series for functions of two variables – Maxima and minima of functions of two variables – Lagrange's method of undetermined multipliers.

Learning Activities: *Maxima and Minima of a function using open-source software/Solving of Competitive Examination questions.*

MULTIPLE INTEGRALS AND ITS APPLICATIONS

Double integrals – Change of order of integration – Double integrals in polar coordinates – Area enclosed by plane curves – Triple integrals – Volume of solids in Cartesian coordinates.

Learning Activities: *Solving of Competitive Examination questions.*

SPECIAL FUNCTIONS

Beta and Gamma functions – Inter relation between beta and gamma functions – Error functions – Complimentary Error functions.

Learning Activities: *Problems solving in Beta and Gamma functions.*

DIFFERENTIAL EQUATIONS

Solution of second and higher orders linear ODE with constant coefficients – Linear equations of second order with variable coefficients – Cauchy's and Legendre's linear equations – Method of variation of parameter.

Learning Activities: *Solving of Competitive Examination questions.*

Skill Enhancement Activities: Solving industry/real world/society/engineering problems

Total Hours: 60

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	Apply the concepts of differential calculus to find the curvature and evolute of a curve.	K3 – Apply	SDG 4
CO2	Compute the maxima and minima of two variable functions using the partial derivatives.	K3 – Apply	SDG 4,9
CO3	Apply multiple integral techniques to calculate area and volume.	K3 – Apply	SDG 4,9
CO4	Calculate the values of the integrals using special functions.	K3 – Apply	SDG 4,9
CO5	Solve linear differential equations using different methods.	K3 – Apply	SDG 4

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	-	-	-	-	-	-	-	-	1
CO2	3	2	-	-	-	-	-	-	-	-	1
CO3	3	2	-	-	-	-	-	-	-	-	1
CO4	3	2	-	-	-	-	-	-	-	-	-
CO5	3	2	-	-	-	-	-	-	-	-	-

Correlation Levels: 1:Slight

2:Moderate

3:Substantial

Assessment Methodology

Activity Assessment Methodology: Worksheet (20%), Quiz (80%)

Skill Enhancement Assessment Methodology: Case Study (100%)

Textbook:

1. Thomas, G.B., Jr., Weir, M. D., Hass, J., & Heil, C, “Thomas’ Calculus: Early transcendentals”, Pearson publications, 2018.

References:

1. Anton, H., Bivens, I. C., & Davis, S, “Calculus: Early transcendentals”, John Wiley & Sons, 2021.
2. Grewal, B.S, “Higher Engineering Mathematics”, Forty Fourth Edition, Khanna Publishers, New Delhi, 2020.
3. Kreyszig Erwin, “Advanced Engineering Mathematics”, Tenth Edition, John Wiley and Sons, New Delhi, 2016.
4. Bali, N, Goyal, M, & Watkins, C, “Advanced Engineering Mathematics”, Seventh Edition, Firewall Media, New Delhi, 2009.

E-Resources:

1. [https://math.libretexts.org/Bookshelves/Calculus/Map%3ACalculus_Early_transcendentals_\(Stewart\)/](https://math.libretexts.org/Bookshelves/Calculus/Map%3ACalculus_Early_transcendentals_(Stewart)/)
2. <https://openstax.org/books/calculus-volume-1/>

3. <https://tutorial.math.lamar.edu/Classes/CalcI/CalcI.aspx>
4. <https://nptel.ac.in/courses/111106105>
5. <https://mathworld.wolfram.com/Beta function.html>

Course Crafted by

Internal Expert(s):

Dr. N. Kamatchi, ASP/Mathematics

Dr. S. Brindha, ASP/Mathematics

External Expert(s):

Dr. J. John, ASP/Mathematics, Government
College of Engineering, Tirunelveli

Recommended by 5th BoS on: 04.06.2026

Academic Council Approval on: 18.07.2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26CYT101	ENVIRONMENTAL SCIENCE AND ENGINEERING	SDG 06, 07, 11, 13, 14, 15	3	0	0	3

Category: Foundation Courses – Basic Sciences

Course Objectives

The course enables the students to:

- Create awareness among students about the importance of biodiversity and ecosystem conservation.
- Identify the scientific and technological solutions to pollution issues and waste management.
- Analyze the relationship between energy management strategies and sustainable development goals
- Understand the causes, impacts, and management of natural and man-made disasters and to create awareness.
- Gain knowledge of climate change, principles of sustainable development, and sustainable environmental practices.

Course Syllabus

ECOSYSTEM AND BIODIVERSITY

Concept of an ecosystem - Structure and functions of an ecosystem (forest, grassland, desert, pond, river & marine) - Energy flow in the ecosystem - Food chain, food web and ecological pyramids - Ecological succession.

Introduction to biodiversity - Definition: genetic, species and ecosystem diversity - Values of biodiversity - Hot-spots of biodiversity - Threats to biodiversity - Endangered and endemic species of India - Conservation of biodiversity: In-situ and Ex-situ conservation.

Learning Activities: Discussion on biodiversity in India

POLLUTION AND WASTE MANAGEMENT

Causes, effects and preventive measures of water, soil, air and noise pollution - Solid waste management - Biomedical waste and E-waste management.

Environmental protection acts – Air, Water, Wild life, Forest & Environmental protection act.

Learning Activities: Review on solid waste management

NON-CONVENTIONAL ENERGY RESOURCES

Energy management and conservation - New Energy Sources: Need for alternate resources - Solar (heat & light conversion), wind energy, geothermal energy, ocean energy, tidal energy, nuclear energy (Light water nuclear power plant) and biomass energy (bio gas & bio diesel).

Learning Activities: Virtual demonstration of nuclear power plant

DISASTER MANAGEMENT AND ITS MITIGATION

Disaster - Natural and Man-made disasters. Natural - Earthquakes, floods drought, landslide, cyclones, volcanoes, tsunami. Man-made disasters – Gas (Bhopal Gas Tragedy) and radiation leaks

(Chernobyl disaster, Triple disaster), toxic waste disposal (Industrial Waste), oil spills (Any case study). Basic principles of disasters management - Disaster management cycle.

Learning Activities: Discussion on preparedness for disaster and its management

CLIMATE AND SUSTAINABILITY PRACTICES

Climate change - Global warming, acid rain, ozone layer depletion.

Sustainable development - Concept. Sustainable Development Goals - Targets, indicators and intervention areas.

Sustainable Practices - Rain water harvesting, green buildings, green materials, zero waste and R concept, concept of carbon credit, carbon footprint, environmental management in industry, circular economy, material life cycle assessment.

Learning Activities: Discussion on principles of green chemistry

Skill Enhancement Activities: Biodiversity documentation, Presentation on Waste segregation awareness

Total Hours: 45

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	Use ecosystem and biodiversity concepts to address environmental conservation challenges	K3 - Apply	SDG 14, 15
CO2	Utilize the application of pollution control and solid waste management techniques for environmental sustainability.	K3 - Apply	SDG 6, 14, 15
CO3	Select appropriate renewable energy sources for sustainable energy development.	K3 - Apply	SDG 7
CO4	Identify proper mitigation measures for various natural and man-made disasters.	K3 - Apply	SDG 14, 15
CO5	Apply sustainable development principles to address the climate-related environmental challenges.	K3 - Apply	SDG 11, 13

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	-	-	-	3	-	-	-	-	1
CO2	3	2	-	-	-	3	-	-	-	-	1
CO3	3	2	-	-	-	3	-	-	-	-	1
CO4	3	2	-	-	-	3	-	-	-	-	1
CO5	3	2	-	-	-	3	-	-	-	-	1

Correlation Levels: 1:Slight

2:Moderate

3:Substantial

Assessment Methodology

Activity Assessment Methodology: Quiz (50%), Group Discussion (50%)

Skill Enhancement Assessment Methodology: Album Creation (50%), Poster Creation (50%)

Textbook:

1. Bharucha, E, "Textbook for Environmental studies for undergraduate students", Fourth Edition, Universities Press (India) Pvt. Ltd., 2025

References:

1. William P. Cunningham, Mary Ann Cunningham and Catherine O'Reilly, "Environmental Science: A Global Concern", McGraw Hill, 14th edition, 2026.
2. Rajagopalan, R, "Environmental Studies-From Crisis to Cure", Oxford University Press, 4th edition, 2023.
3. Tyler Miller, G. and Scott E. Spoolman, "Environmental Science with Mindtap", Cengage Learning India Pvt, Ltd., Delhi, 16th Edition, 2019.
4. Allen, D. T. and Shonnard, D. R., "Sustainable Engineering: Concepts, Design and Case Studies", Pearson Education, 1st Edition 2012.
5. Rajib Shaw, Krishnamurthy, R. R., "Disaster Management: Global Challenges and Local Solutions", Universities Press, 1st Edition 2009.

E-Resources:

1. <https://www.youtube.com/watch?v=MWPj2IkekII>
2. <https://nptel.ac.in/courses/105103205>
3. <https://nptel.ac.in/courses/121106014>
4. https://onlinecourses.swayam2.ac.in/e-learning/preview/cec25_hs135
5. <https://sdgs.un.org/goals>

Course Crafted by

Internal Expert(s):

Dr.T.Dhanalakshmi, HoD/Chemistry
Dr.S.Luna Eunice, ASP/Chemistry

External Expert(s):

Er. A. Marikani, Senior Engineer, Program
Management, Motherson Polymer Solutions,
Chennai.

Recommended by 5th BoS on: 04-06-2026

Academic Council Approval on: 18.07.2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26GEB101	DESIGN THINKING	SDG 03, 04, 09, 10, 11, 12	2	0	2	3

Category: Foundation Courses – Engineering Sciences

Course Objectives

The course enables the students to:

- Understand the principles, processes, and applications of Design Thinking in engineering and societal contexts.
- Develop empathy-driven approaches to identify user needs and define meaningful problems.
- Apply creativity and ideation techniques to generate innovative and feasible solutions.
- Design, prototype, test, and refine solutions using iterative Design Thinking methodologies.
- Implement sustainable, inclusive, and socially responsible solutions addressing real-world challenges.

Course Syllabus

INTRODUCTION TO DESIGN THINKING

Introduction - The Design Thinking (DT) process and stages– DT path along its development– Inspiring DT examples - Human-Centered Design (HCD) – Tools & Strategies: Diagramming, Reflecting, Presenting – Basic Quality Principles (5S and TPM only) - Design Thinking in Engineering Applications.

Learning Activities: *Observation Worksheet/Canvas, Process Flow Mapping Activity, Team Presentation and Reflection*

Practical:

1. *Design Thinking Immersion Exercise*
2. *Workplace Organization Using 5S for Human-Centered Design Improvement*

EMPATHY AND PROBLEM DEFINITION

Definition - Elements of empathy- Observation, The empathetic interview, The cognitive immersion - Empathy tools – Problem Definition: Identification - Outcome of the definition - Definition tools - Stakeholders and persona, Empathy map, Efforts and results chart, Affinity map - The five whys technique.

Learning Activities: *User Observation Recording Sheet, Empathy Interview, Persona Creation Worksheet, Problem Statement Worksheet (How Might We)*

Practical:

1. *Empathy Mapping & Persona Creation*
2. *Five Whys & Affinity Mapping Exercise*

IDEATION AND CREATIVITY

Introduction - How to ideate: Technical aspects, psychological aspects - Generation of ideas: Think out of the box, Lateral and combined thinking, Question assumptions, Explore the extremes - Ideation tools - AI tools for Ideation and creativity - Active brainstorming and Techniques - AI-

assisted brainstorming - Mind maps- Concept development - Now Wow! How? Matrix - Idea selection - Collaborative innovation platforms.

Learning Activities: *Mind Map Activity, SCAMPER Ideation Worksheet, Brainstorming Idea Generation Session, Concept Selection using Dot Voting*

Practical:

1. *SCAMPER Brainstorming & Now-Wow-How! Matrix Exercise*
2. *AI-Assisted Brainstorming & Mind Mapping Exercise*

PROTOTYPING AND TESTING

The role of prototypes - Aspects of a prototype – Form, Fidelity, Interactivity, Evolution - Rapid prototyping techniques – Sketches, Mockups, Video prototypes, Wizard-of-Oz (WoZ) Prototypes, 3D Printing - Why testing? - Addressing the testing phase - Test planning, Assign roles, Feedback – DT Tools - Presentation techniques, Infographics, Feedback capture grid, Storytelling.

Learning Activities: *Feedback Capture Grid, Low-Fidelity Prototype Development Plan, Prototype Improvement Planning, Team presentation*

Practical:

1. *Digital Prototype Development using 3D Printing*
2. *Low-Fi Prototype Development and User Validation*

IMPLEMENTATION AND REAL-WORLD APPLICATIONS

Sustainable innovation- DT for Sustainable Engineering -DT in Manufacturing and Product Development - DT in Smart Mobility and Transportation - DT in Healthcare and Bioengineering - DT in Information Technology and AI - DT for Smart Cities and Public Systems - Case Studies in Social Innovation and Startups - Circular economy thinking - Inclusive design.

Learning Activities: *Sustainability Assessment using SDG Checklist, Inclusive Design Audit, Circular Economy Opportunity Mapping, Three-minute innovation pitch*

Practical:

1. *Development of Sustainable Solution - Design Sprint Team Project/ Case Study*
2. *Inclusive Design Audit & Innovation Pitch*

Learning Activities for Lab: User Interaction, Feedback Collection, Feedback Analysis, Reflection, Feedback Categorization

Skill Enhancement Activities: Problem Discovery & Empathy, Problem Definition, Ideation & Concept Selection, Prototype Development, Feedback Grid.

Total Lecture Hours: 30

Total Practical Hours: 30

Total Hours: 60

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	Demonstrate the Design Thinking process and Human-Centered Design principles.	K2 – Understand	SDG 4, 9
CO2	Apply empathy tools to identify user needs and problem statements.	K3 – Apply	SDG 3, 10
CO3	Organize innovative ideas using ideation and creativity techniques.	K4 – Analyze	SDG 4, 9
CO4	Analyze low-fidelity prototypes through user testing and feedback interpretation.	K5 – Evaluate	SDG 9, 12
CO5	Assess sustainable and inclusive design solutions for real-world challenges.	K5 – Evaluate	SDG 10, 11, 12

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	2	3	2	-	-	2	-	2	2	-	-
CO2	2	3	2	2	-	2	1	2	3	-	-
CO3	2	3	3	2	2	-	-	3	2	2	2
CO4	2	2	3	3	3	-	2	2	3	-	2
CO5	2	2	3	2	2	3	3	3	3	2	2

Correlation Levels: 1: Slight

2: Moderate

3: Substantial

Assessment Methodology

Activity Assessment Methodology:

Theory: Activity Worksheet / Design Canvas (40%), Online Certification Course (30%), Sustainability & Inclusive Design Evaluation Canvas (30%)

Laboratory: Feedback Capture Grid (100%)

Skill Enhancement Assessment Methodology: Intra College Project Contest (100%)

Textbook:

1. Iñigo Cuiñas and Manuel José Fernández Iglesias, “Design Thinking for Engineering: A practical guide”, The Institution of Engineering and Technology, London, 2023.

References:

1. Christoph Meinel and Larry Leifer, “Design Thinking: Understanding Innovation”, Springer Heidelberg Dordrecht, London, 2010.
2. George W. Anderson., “Design Thinking for Tech: Solving Problems and Realizing Value in 24 Hours”, Pearson, 2023.
3. Tim Brown, “Change by Design: How Design Thinking Transforms Organizations and Inspires Innovation”, Harper Business, 2009.
4. Andrew Pressman, “Design Thinking: A Guide to Creative Problem Solving for Everyone, Routledge”, 2018.

E-Resources:

1. IDEO Design Thinking Resources: <https://designthinking.ideo.com>
2. Stanford d.school K12 Lab Wiki (free DT worksheets): <https://dschool.stanford.edu/resources>
3. Coursera — Design Thinking for Innovation (University of Virginia): <https://www.coursera.org>
4. MIT OpenCourseWare — User Innovation: <https://ocw.mit.edu>
5. Miro Online Collaboration & Templates: <https://miro.com> (for virtual ideation and affinity mapping)
6. IDEO.org Field Guide to Human-Centered Design (free PDF): <https://www.ideo.org/tools>
7. YouTube — IDEO Design Thinking Channel: search 'IDEO Design Thinking'
8. https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_mg84

Software Requirements: List of Equipment for a Batch of 30 Students

S. No.	Description of Software / Hardware	Quantity Required
1	AI 3D Model generator app, Mind Mapping Apps, Graphic Design Tool App	30 (Free versions)

Course Crafted by**Internal Expert(s):**

Dr.R.Sakthivel Murugan, AP/Mech

External Expert(s):

Dr. S Denis Ashok, Professor, VIT RANE Centre of Excellence, School of Mechanical Engineering, Department of Design & Automation, Vellore Institute of Technology, Vellore.

Recommended by 10th BoS on: 04.07.2026

Academic Council Approval on: 18.07.2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26PHB101	ENGINEERING PHYSICS	SDG 04, 07, 08, 09, 11, 12	2	0	2	3

Category: Foundation Courses – Basic Sciences

Course Objectives

The course enables the students to:

- Impart knowledge and expose the essentials of Physics in various Engineering applications

Course Syllabus

ULTRASONICS AND SENSORS

Introduction - Ultrasonics – Production of Ultrasonics by Magnetostriction And Piezoelectric Methods – Acoustic Grating – NDT (Concept Only)

Introduction to Sensors – Classification of Sensors – Motion And Position Sensors: Linear Variable Differential Transformer (LVDT) – Ultrasonic Sensor – IR Sensor.

Learning Activities: *Virtual demonstration on Ultrasonics and its Production*

Practical:

1. Determination of velocity of sound and adiabatic compressibility of liquid using an Ultrasonic Interferometer

SEMICONDUCTORS & MEMS

Semiconductor: Introduction to Semiconductors – Types of Semiconductors – Carrier Concentration in Intrinsic Semiconductor (Derivation) - Carrier Concentration in Extrinsic Semiconductor (No Derivation) – Characteristics of PN Junction Diode.

MEMS: Overview of MEMS, Micro and Nano Scale Systems, Intrinsic Characteristics of MEMS, Elements of MEMS: Micro Sensors And Micro Actuators.

Learning Activities: *Virtual Demonstration on applications of semiconductors*

Practical:

1. Determine the band gap of a given Germanium crystal using four probe method
2. Determine the Characteristics of a PN junction diode.

PHOTONICS AND FIBER OPTICS

Spontaneous and Stimulated Emissions – Population Inversion – Einstein A & B Coefficients – Semiconductor Laser (Homojunction And Heterojunction Lasers) – CO₂ Laser – Photonic Integrated Circuits (PICs).

Principle and Propagation of Light in Optical Fiber – Numerical Aperture and Acceptance Angle of an Optical Fiber – Fiber Optical Communication System

Learning Activities: *Demonstration on applications of Laser and optical fiber.*

Practical:

1. Determination of wavelength, and particle size using Laser
2. Determination of Numerical Aperture and acceptance angle of an optical fiber

PROPERTIES OF MATERIALS

Elastic Property: Hooke's Law – Stress-Strain Diagram – Poisson's Ratio – Factors Affecting Elasticity – Bending Moment – Determination of Young's Modulus - Non-Uniform Bending Method-I-Shaped Girders

Thermal Property: Thermal Conductivity – Lee's Disc Method – Thermal Expansion of Solids - Applications: Heat Exchangers, High-Performance Electronics Cooling.

Learning Activities: Virtual Demonstration on I shaped girder

Practical:

1. Determination of Young's modulus by Non-Uniform bending method.

2. Determination of Young's modulus by Uniform bending method.

QUANTUM FUNDAMENTALS AND QUANTUM COMPUTING

Planck's Law of Black Body Radiation, Photoelectric Effect, De Broglie Hypothesis about Matter Waves, Barrier Penetration and Quantum Tunnelling.

Introduction To Quantum Computing – Super Position and Entanglement - Classical Bits vs Quantum Bits – Quantum Gates.

Learning Activities: Virtual Demonstration of Quantum Computing

Practical:

1. Determine the Planck's constant and work function using Photo-electric effect

2. Verification of Logic Gates – AND, OR, NOT, NAND, NOR gates

Learning Activities for Lab: Determination of Young's modulus by Uniform bending method.

Skill Enhancement Activities: Develop and showcase an operational model that bridges fundamental Physics concepts with practical Engineering solutions.

Total Lecture Hours: 30

Total Practical Hours: 30

Total Hours: 60

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	Utilize the principles of ultrasonics and sensors for Engineering applications.	K3 – Apply	SDG 09,11
CO2	Apply semiconductor and MEMS concepts to modern electronic systems.	K3 – Apply	SDG 09,08
CO3	Implement the principles of lasers, optical fibers, and photonic devices to explain their operation and engineering applications.	K3 – Apply	SDG 09,04
CO4	Estimate the mechanical and thermal properties of materials for Engineering applications.	K3 – Apply	SDG 07,09 &12
CO5	Interpret the fundamentals of quantum mechanics and quantum computing.	K3 – Apply	SDG 09,04

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	-	-	2	-	-	2	-	-	1
CO2	3	2	-	-	2	-	-	2	-	-	1
CO3	3	2	-	-	2	-	-	2	-	-	1
CO4	3	2	-	-	2	-	-	2	-	-	1
CO5	3	2	1	-	2	-	-	2	-	-	1

Correlation Levels: 1:Slight

2:Moderate

3:Substantial

Assessment Methodology

Activity Assessment Methodology:

Theory: Video making (60%), Quiz (40%)

Lab: Flipped Lab (100%)

Skill Enhancement Assessment Methodology: Prototype Demonstration (100%)

Textbook:

1. Shatendra Sharma, Jyotsna Sharma, "Engineering Physics", 4th Edition (2025), Pearson India Pvt. Ltd.,

References:

1. D.K.Bhattacharya, Poonam Tandon, "Engineering Physics", 2nd Edition, Oxford University Press.
2. V.Rajendran, "Engineering Physics", 3rd edition, Tata McGraw Hill Pvt. Ltd.
- Chang Liu, "Foundation of MEMS", 2nd edition, Pearson Education Inc.,2012.
3. M.N.Avadhanulu, "Experiments In Engineering Physics (A Lab. Manual & W.B)". India, S. Chand Limited, 2008.

E-Resources:

1. Fundamental concepts of semiconductors: <https://nptel.ac.in/courses/115102025>
2. Introduction to Quantum Computing : <https://nptel.ac.in/courses/106106232>
3. Properties of Materials: https://onlinecourses.nptel.ac.in/e-learning/preview/noc25_mm34
4. MEMS and Microsystems: <http://digimat.in/nptel/courses/video/117105082/L11.html>

Software Requirements: List of Equipment for a Batch of 30 Students

S. No.	Description of Software / Hardware	Quantity Required
1	Ultrasonic Interferometer	6
2.	Four Probe set up	6
3.	Diode characteristics kit	6
4.	He-Ne Laser	6
5.	Optical fiber	6
6.	Youngs modulus apparatus - Travelling	6

	microscope	
7.	Planck's constant apparatus	4
8.	Logic Gates kit	6

Course Crafted by

Internal Expert:

Dr.M.Hema
Associate Professor / Physics

External Expert:

Dr.S.Ponmudi

Associate Professor and Head,
Department of Physics
Alagappa Chettiar Government College of
Engineering and Technology,
Karaikudi

Recommended by 5th BoS on: 04-06-2026

Academic Council Approval on: 18-07-2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26GEL102	PROBLEM SOLVING USING C	SDG 04, 09	1	0	4	3

Category: Foundation Courses – Engineering Sciences

Course Objectives

The course enables the students to:

- Introduce the fundamentals of structured programming using the C programming language.
- Develop problem-solving skills by designing algorithms and implementing solutions using selection and iteration constructs.
- Enable students to develop programs using functions, arrays, strings, structures, and pointers.
- Strengthen analytical thinking and programming proficiency through hands-on programming and debugging activities.

Course Syllabus

C PROGRAMMING FUNDAMENTALS

Introduction to C Language – Compilation and Execution Process – Structure of a C Program – C Tokens: Keywords, Identifiers, Constants, Strings and Special Symbols – Variables – Constants – Data Types – Declaration – Initialization – Assignment – Operators – Expressions – Precedence and Order of Evaluation – Input and Output Functions.

Practical:

1. Construct algorithms and flowcharts.
2. Programs using basic input and output functions and arithmetic operators.

DECISION MAKING AND LOOPING

Decision Making Statements: if Statement – if-else Statement – else-if Ladder – Switch Statement – Looping Statements: for Loop – while Loop – do-while Loop – Nested Loops - break and continue Statements.

Practical:

1. Programs using simple if statement, if-else statement, else-if ladder, switch-case statement.
2. Programs using iterative statements (for, while and do-while).

FUNCTIONS

Functions – Need and Advantages of Functions – User Defined Functions – Function Declaration and Definition – Function Calling – Function Arguments and Return Values – Recursive Functions.

Practical:

1. Programs using user-defined functions.
2. Programs using recursive functions.

ARRAYS AND STRINGS

Introduction to Arrays – Declaration and Initialization – One Dimensional Arrays, Two Dimensional Arrays – Strings: Declaration and Initialization – String Operations without Library Functions.

Practical:

1. Program using one-dimensional arrays.
2. Program using two-dimensional arrays.
3. Program using string operations without library functions.

STRUCTURES AND POINTERS

Structures: Declaration and initialization of structures, array of structures – Pointers: Pointer Declaration and Initialization – Address and Dereferencing Operators – Pointer Arithmetic – Parameter Passing (Pass by Value and Pass by Reference).

Practical:

1. Program using structures and arrays of structures.
2. Program demonstrating parameter passing using pass-by-value and pass-by-reference.

Learning Activities:

Theory – Algorithm development and Flowchart design for simple problems, Programming practice in all the modules.

Lab – Mini Project, Hackathon, Coding Contest

Total Lecture Hours: 15

Total Practical Hours: 60

Total Hours: 75

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	Apply the fundamental concepts of C programming to develop simple programs using data types, operators, expressions, and input/output functions.	K3	SDG 4
CO2	Develop C programs using decision-making and looping statements to solve computational problems.	K3	SDG 4
CO3	Develop modular C programs using functions and recursion.	K3	SDG 4
CO4	Implement C programs using arrays and strings for data processing.	K3	SDG 9
CO5	Construct C programs using structures and pointers for data organization, memory access, and parameter passing.	K3	SDG 9

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	-	-	1	-	-	1	-	-	1
CO2	3	3	2	-	1	-	-	1	-	-	1
CO3	3	3	2	-	1	-	-	1	-	-	1
CO4	3	3	2	-	1	-	-	1	-	-	1
CO5	3	3	2	1	1	-	-	1	-	-	1

Correlation Levels: 1:Slight

2:Moderate

3:Substantial

Assessment Methodology

Activity Assessment Methodology:

Theory – Worksheet (40%), Coding (40%), Quiz (20%)

Lab – Mini Project / Hackathon (100%)

Textbook:

1. Reema Thareja, “Programming in C”, Third Edition, Oxford University Press, 2023.

References:

1. Brian W. Kernighan and Dennis M. Ritchie, “The C Programming Language”, Second Edition, Pearson Education, 2021.
2. Paul Deitel and Harvey Deitel, “C How to Program”, Eighth Edition, Pearson Education, 2016.
3. Yashavant Kanetkar, “Let Us C”, Sixteenth Edition, BPB Publications, 2018.
4. Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest and Clifford Stein, “Introduction to Algorithms”, Third Edition, The MIT Press, 2009.

E-Resources:

1. NPTEL – Programming in C – <https://nptel.ac.in/courses>
2. GeeksforGeeks – C Programming Language – <https://www.geeksforgeeks.org/c-programming-language/>
3. Programiz – Learn C Programming – <https://www.programiz.com/c-programming>
4. W3Schools – C Tutorial – <https://www.w3schools.com/c/>
5. OnlineGDB – Online C Compiler and Debugger – https://www.onlinegdb.com/online_c_compiler

Software Requirements: List of Equipment for a Batch of 30 Students

S. No.	Description of Software / Hardware	Quantity Required
1	C Compiler	30

Course Crafted by

Internal Expert(s):

Dr. P. Praveen Kumar, ASP/ADS

Dr. R. Arthy, ASP/IT

Mr. B. Muthukrishna Vinayagam, AP/CSE

External Expert(s):

Dr. N. Shivakumar, Associate Professor,
Department of Computer Science and
Engineering, Thiagarajar College of
Engineering, Madurai

Recommended by 10th BoS on: 04.07.2026

Academic Council Approval on: 18.07.2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26ENT101	ENGLISH FOR PROFESSIONAL DEVELOPMENT - I	SDG 04	2	0	0	2

Category: Foundation Courses – Humanities & Social Sciences

Course Objectives

The course enables the students to:

- Develop vocabulary, reading, writing, listening, speaking skills in English.
- Listen and comprehend classroom lectures, short talks and conversations.
- Incorporate more specific, industry-related terms, making it more specialised and targeted.
- Enable the students to understand technical communication and instructions.

Course Syllabus

FUNDAMENTALS OF COMMUNICATION

Listening: Technical versus Social Communication

Speaking: Asking and Answering Questions

Reading: General and Technical Vocabulary

Writing: Writing instructions and developing the hints

Grammar: Nouns, Compound Nouns, Prefixes and Suffixes, Wh-Questions & Yes/No Questions.

Learning Activities: *Listen to Learn – Technical Talks, Gap fill exercises, Note-taking*

INTERACTIVE COMMUNICATION SKILLS

Listening: Listening to telephone conversations, short presentations

Speaking: Self Introduction and introduction to GD

Reading: Graphical Representation

Writing: Dialogue writing – Descriptive writing

Grammar: Prepositions and Clauses

Learning Activities: *Speaking: My Story in One Minute, Just a Minute (JAM), Spell Bee*

READING AND TRANSFERRING INFORMATION

Listening: Listening and transfer of information

Speaking: Conversation Techniques- Informal conversations at right places

Reading: Skimming for gist – Scanning for specific information, : Short narratives and descriptions from newspapers including dialogues and conversations

Writing: Table, Bar Chart and Flow Chart

Grammar: Parts of Speech, Present tense, Past tense

Learning Activities: *Reading: Visual Data Reading, Reading comprehension, Error Detection*

PROFESSIONAL COMMUNICATION FOR ENGINEERS

Listening: Listening and Note-taking

Speaking: Speak up – Conversation Techniques - Formal Chunking at right places

Reading: Reading in Context

Writing: Formal Letter Writing – Letters to the Editor

Grammar: Future tense and Sentence Pattern.

Learning Activities: Writing: Write Right – Formal Letters, Picture and poster description, Descriptive, Narrative and Comparative paragraphs

META COGNITIVE LEARNING

Listening: TED Talks, documentaries- TV News - transferring information

Speaking: A 2-minute Introduction (Celebrity, Engineering Products) & GD practice

Reading: Sequencing of Sentences

Writing: Jumbled Sentences, Writing prompts for using AI in 50 words

Grammar: SMS - British and American vocabulary.

Learning Activities: Listen, Analyze & Present, Brainstorming and Mind Mapping

Skill Enhancement Activities: Individual presentation

Total Hours: 30

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	Develop students' communication skills in technical and social contexts.	K3	SDG 04
CO2	Enhance students' professional and interpersonal communication skills.	K3	SDG 04
CO3	Develop students' language and communication skills required for academic, social, and professional situations.	K3	SDG 04
CO4	Demonstrate effective listening, speaking, reading, and writing skills using appropriate grammar.	K3	SDG 04
CO5	Apply communication techniques effectively in presentations, group discussions, and writing tasks.	K3	SDG 04

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	-	-	-	-	-	-	-	1	2	-	1
CO2	-	-	-	-	-	-	-	1	2	-	1
CO3	-	-	-	-	-	-	-	1	2	-	1
CO4	-	-	-	-	-	-	-	1	2	-	1
CO5	-	-	-	-	-	-	-	1	2	-	1

Correlation Levels: 1:Slight

2:Moderate

3:Substantial

Assessment Methodology

Activity Assessment Methodology: Gap fill exercises (30%), Note-taking (30%) & Picture and poster description (40%)

Skill Enhancement Assessment Methodology: Oral Presentation (100%)

Textbook:

Sam, Praveen & K N Shoba, 2023, *A course in Technical English*, Cambridge University Press, New Delhi.

References:

1. Gerald J. Alred, Charles T. Brusaw, & Walter E. Oliu. 2019, *Handbook of Technical Writing*, Macmillan Learning: Tenth Edition.
2. Kumar, Sanjay & Puspa Lata, 2024, *Communication Skills*, Oxford University Press, New Delhi.
3. Sudharshana N P & C Savitha, 2016, *English for Technical Communication*, Cambridge University Press, New Delhi.

E-Resources:

1. BBC Learning English – Listening, grammar, pronunciation, and communication practice.
2. TED Talks – Technical and motivational talks with subtitles.
3. British Council Learn English – Grammar, vocabulary, speaking, and writing activities.
4. YouGlish – Learn pronunciation through real YouTube examples.

Course Crafted by

Internal Experts:

Dr. N. Sundararajan, ASP/English
Mr. S. Pradeep Kumar, AP/English

External Expert(s):

Dr. R Joseph Ponniah, Professor,
Department of Humanities and Social Sciences,
National Institute of Technology, Tiruchirappalli.

Recommended by 5th BoS on: 04.06.2026

Academic Council Approval on: 18.07.2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26TAT101	தமிழர் மரபு (HERITAGE OF TAMILS)	SDG 03, 04, 08, 09, 15	1	0	0	1

Category: Foundation Courses – Humanities & Social Sciences

Course Objectives

தமிழர் மரபின் சிறப்புகள், பண்பாடு மற்றும் பாரம்பரியத்தின் முக்கியத்துவத்தை அறிந்து கொள்வது மற்றும் தமிழ் மொழி, கலை, இலக்கிய மரபுகளைப் பாதுகாத்து அடுத்த தலைமுறைக்கு எடுத்துச் செல்லும் விழிப்புணர்வை வளர்ப்பது.

Course Syllabus

மொழி மற்றும் இலக்கியம்

இந்திய மொழிக் குடும்பங்கள், திராவிட மொழிகள், தமிழ் ஒரு செம்மொழி, தமிழ் செவ்விலக்கியங்கள், சங்க இலக்கியத்தின் சமயச் சார்பற்ற தன்மை, சங்க இலக்கியத்தில் பகிர்தல் அறம், திருக்குறளில் மேலாண்மைக் கருத்துக்கள், தமிழ்க் காப்பியங்கள், தமிழகத்தில் சமண பௌத்த சமயங்களின் தாக்கம், பக்தி இலக்கியம், ஆழ்வார்கள் மற்றும் நாயன்மார்கள், சிற்றிலக்கியங்கள், தமிழில் நவீன இலக்கியத்தின் வளர்ச்சி, தமிழ் இலக்கிய வளர்ச்சியில் பாரதியார் மற்றும் பாரதிதாசன் ஆகியோரின் பங்களிப்பு.

அலகு II: பாறைஓவியங்கள் முதல் நவீன ஓவியங்கள் வரை – சிற்பக் கலை:

மரபு - பாறை ஓவியங்கள் முதல் நவீன ஓவியங்கள் வரை, நடுகல் முதல் நவீன சிற்பங்கள் வரை, ஐம்பொன் சிலைகள் பழங்குடியினர் மற்றும் அவர்கள் தயாரிக்கும் கைவினைப் பொருட்கள், பொம்மைகள், தேர் செய்யும் கலை, சுடுமண் சிற்பங்கள், நாட்டுப்புறத் தெய்வங்கள், குமரிமுனையில் திருவள்ளுவர் சிலை, இசைக் கருவிகள், மிருதங்கம், பறை, வீணை, யாழ், நாதஸ்வரம், தமிழர்களின் சமூக பொருளாதார வாழ்வில் கோவில்களின் பங்கு.

அலகு III: நாட்டுப்புறக் கலைகள் மற்றும் வீர விளையாட்டுகள்:

தெருக்கூத்து, கரகாட்டம், வில்லுப்பாட்டு, கணியான் கூத்து, ஒயிலாட்டம், தோல்பாவைக் கூத்து, சிலம்பாட்டம், வளரி, புலியாட்டம், தமிழர்களின் விளையாட்டுகள்.

அலகு IV: தமிழர்களின் திணைக் கோட்பாடுகள்:

தமிழகத்தின் தாவரங்களும், விலங்குகளும், தொல்காப்பியம் மற்றும் சங்க இலக்கியத்தில் அகம் மற்றும் புறக் கோட்பாடுகள், தமிழர்கள் போற்றிய அறக்கோட்பாடு, சங்ககாலத்தில் தமிழகத்தில் எழுத்தறிவும், கல்வியும், சங்ககால நகரங்களும் துறை முகங்களும், சங்ககாலத்தில் ஏற்றுமதி மற்றும் இறக்குமதி, கடல்கடந்த நாடுகளில் சோழர்களின் வெற்றி.

அலகு V : இந்திய தேசிய இயக்கம் மற்றும் இந்திய பண்பாட்டிற்குத் தமிழர்களின் பங்களிப்பு:

இந்திய விடுதலைப்போரில் தமிழர்களின் பங்கு, இந்தியாவின் பிறப்பகுதிகளில் தமிழ்ப் பண்பாட்டின் தாக்கம், சுயமரியாதை இயக்கம், இந்திய மருத்துவத்தில், சித்த மருத்துவத்தின் பங்கு, கல்வெட்டுகள்,

கையெழுத்துப்படிக்க, தமிழ்ப் புத்தகங்களின் அச்ச வரலாறு

Total Hours: 15

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
CO1	மொழி மற்றும் இலக்கியம்	K2	SDG4
CO2	பாறைஓவியங்கள் முதல் நவீன ஓவியங்கள் வரை -சிற்பக் கலை	K2	SDG8,SDG9
CO3	நாட்டுப்புறக் கலைகள் மற்றும் வீர விளையாட்டுகள்	K2	SDG4
CO4	தமிழர்களின் திணைக் கோட்பாடுகள்	K2	SDG15
CO5	இந்திய தேசிய இயக்கம் மற்றும் இந்திய பண்பாட்டிற்குத் தமிழர்களின் பங்களிப்பு	K2	SDG3,SDG4

Articulation Matrix

CO. No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	-	-	-	-	-	-	-	-	1	-	-
CO2	-	-	-	-	-	-	-	-	1	-	-
CO3	-	-	-	-	-	-	-	-	1	-	-
CO4	-	-	-	-	-	-	-	-	1	-	-
CO5	-	-	-	-	-	-	-	-	1	-	-

Correlation Levels: 1:Slight

2:Moderate

3:Substantial

Textbook:

1. Boobalan, "HERITAGE OF TAMILS", VRB Publication,

References:

1. தமிழக வரலாறு மக்களும் பண்பாடும் கே.கே. பிள்ளை (வெளியீடு: தமிழ்நாடு பாடநூல் மற்றும் கல்வியியல் பணிகள் கழகம்),
2. கணினித் தமிழ் - முனைவர் இல, சுந்தரம். (விகடன் பிரசுரம்).
3. கீழடி - வைகை நதிக்கரையில் சங்ககால நகர நாகரிகம் (தொல்லியல் துறை வெளியீடு)
4. பொருதை ஆற்றங்கரை நாகரிகம், (தொல்லியல் துறை வெளியீடு)

Recommended by 5th BoS on: 04.06.2026

Academic Council Approval on: 18.07.2026

Course Code	Course Name	SDG Mapped	L	T	P	C
26SSD101	INTERPERSONAL SKILLS, PSYCHOMETRIC ANALYSIS AND CAREER DEVELOPMENT	-	1	0	0	0

Category: Foundation Courses – Humanities & Social Sciences

Course Objectives

The course enables the students to:

- Evaluate and enhance language proficiency by using SMART Vox to assess communication skills and linguistic abilities.
- Explore future technologies, solve real-time problems, and prepare students for campus recruitment.
- Assess and develop work style, cognitive abilities, emotional intelligence, and work competencies
- Explore placements, internships, higher education options, GATE and CAT exams, and career development.
- Understand career milestones, assess personal skills and personality, and develop effective goal-setting strategies for successful career planning.

Course Syllabus

LANGUAGE PROFICIENCY EVALUATION

- Identification of Strengths and Weaknesses
- Assessing Language Skills (Diagnostic tests and interactive exercises)
- Measuring Language Competence (Proficiency Levels)
- Identifying Support Needs
- Developing Individual Learning Plans
- Enhancing Student Experience (Building Confidence)
- Evaluation using SMART Vox

Learning Activities: *Picture description, Debate, Self-assessment checklists*

CAREER GUIDANCE

- Future of Engineering
- Various aspects of Technology and its Applications
- Future of Technologies
- Branch Specific emerging technologies
- Problems solving through open source
- Campus recruitment process..

Learning Activities:

Future Technology Presentation, Open Source Problem Solving Activity, Career Readiness Self-Assessment

PSYCHOMETRIC EVALUATION

- Understanding Behavioural work style (Personality)
- Testing of numerical, logical, and verbal reasoning skills (Cognitive Abilities / Aptitude)
- Measure of emotional intelligence and interpersonal skills
- Determination of Culture Preferences in various workplace scenarios
- Evaluation of Work Competencies through targeted games and simulations

Learning Activities: Role Play, Neuroscience-Based Games, In-Basket Exercise

CAREER PREPARATION

- Present Scenario of Engineering
- Placement Opportunities
- Internship Opportunities
- Types of Internships
- Higher Education opportunities in India and Abroad
- Understanding GATE and CAT Exams
- Other Opportunities
- Career path development plans.

Learning Activities: Placement Readiness Quiz(Group Activity), GATE vs CAT Comparison Chart, Mock HR Interview, LinkedIn Profile

CAREER VISION AND PLANNING

- Introduction to career milestones
- Overview of the Vision Assessment and its benefits
- Psychometric evaluation
- Numeracy, Literacy, Visual Reasoning, Algorithmic Thinking
- Introduction to a goal setting model
- Identification career pathways aligned with personality profiles
- Evaluate personal skills and abilities in various areas.

Learning Activities: Career Milestone and Vision Mapping, Psychometric Aptitude Assessment, Self-Assessment

Total Hours: 15

Course Outcome

After successful completion of the course, the students will be able to

CO. No.	Course Outcome	Knowledge Level	SDG Mapped
1	Assess and improve their English language proficiency using SMART Vox, gaining insights into their communication skills and linguistic competence.	-	-
2	Understand future engineering trends, emerging technologies, importance of solving real-time problems, and the process of campus recruitment.	-	-

3	Evaluate their behavioral work style, cognitive abilities, emotional intelligence, cultural preferences, and work competencies.	-	-
4	Understand the current engineering landscape, placement opportunities, and higher education prospects to develop effective career path plans.	-	-
5	Develop a clear and actionable vision for their future career path.	-	-

References:

1. VOXAM: AI-Based Language Assessment Platform.
2. SpeakIt: Language Proficiency Evaluation Platform.
3. SCORA Assessment Platform.
4. NativeScore Communication Assessment Platform
5. IQSCOPE Aptitude Assessment Platform
6. Sanchez-Gomez, M. & Bresó, E., The Mobile Emotional Intelligence Test (MEIT): An Ability Test to Assess Emotional Intelligence at Work, MDPI Sustainability Journal, 2019.

E-Resources:

1. <https://www.voxam.in>
2. <https://www.speakit.live>
3. <https://scora.io>
4. <https://nativescore.com>
5. <https://iqscope.co.in>

Assessment Methodology:

Course Outcome	Assessment Tools	Weightage 100 %
CO1	Diagnostic Test, SMART Vox Assessment	20
CO2	Quiz, Presentation, Assignment	15
CO3	Psychometric and Aptitude Assessments	25
CO4	Career Development Report, Participation Activities	20
CO5	Career Portfolio, Goal Setting Exercise	20

Course Crafted by

Internal Experts:

Dr S Rajesh Babu, AP/MTRE
 Mr D Palani Kumar, AP/Mech
 Dr B K Parrthipan, AP/Mech
 Dr S Brintha, AP/ Maths
 Dr.B.Kayalvizhi, AP/ENG
 Ms G Kavitha, AP/CSE
 Ms Euodial, AP/ IT

Recommended by 10th BoS on: 04.07.2026

Academic Council Approval on: 18.07.2026