

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

2.6. STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.2 Attainment of POs and COs are evaluated

S.No.	Title	Page Number
1.	Course Attainment for each Course (Sample Subject)	45
2.	CO attainment	50
3.	PO -PSO Direct Attainment	64
4.	PO-PSO Indirect Attainment	68
5.	PO – PSO attainment	69





COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Program outcomes (POs)

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identity, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply to reason informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

PO10: Communication: Communicate effectively on complex engineering activities with

Principal

Japans Magnes College of Engineering and Technology

Chianal olembakkem, Maderentingom T.K - 603 808

Chenoologiu District





COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO1: Our graduates will be able to apply knowledge of Design, Manufacturing, Thermal and Materials engineering to solve complex problems in mechanical engineering and its allied areas.

PSO2: Our graduates will be able to analyze, design and simulate mechanical engineering problems with the help of modern CAD/CAM/CAE tools while ensuring best engineering practices.

Course Outcomes

Sl. No	Course Code	Subject Code	Subject Name	CO Code	CO Statements
				C101.1	Listen, understand and respond to others in different situations.
				C101.2	write with clarity in simple, apt and flawless language with coherence and cohesion.
1.	C101	HS6151	Technical English – I	C101.3	Explain the basic grammar techniques and utilise it in enhancing language development.
				C101.4	Read and comprehend a variety of texts adopting different reading skills.
		7	FE_ 1	C101.5	Develop flair for any kind of writing with rich

Principal

age Vreynge College of Engineering and Technology
hisnaticlembakkem, idadurenthegem T.k - 603 308
Chenoolpatru District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

					vocabulary and proper syntax.
				C101.6	Write technical articles and present papers on any topic of any genre.
				C102.1	Apply matrix algebric technique for practical application
				C102.2	Make use of infinite series approximation for solution arising in mathematical modeling
				C102.3	Apply differential calculus techniques for evolutes and envelopes
2.	C102	MA6151	Mathematics - I	C102.4	Apply differentiation to solve maxima or minima problems
				C102.5	Evaluate double and triple integrals by using fundamentals theorem of calculus
				C102.6	Formulate solutions for engineering problems by using differential and integral calculus
		1			Explain the Young's modulus and Rigidity modulus of
115		41.5	Engineering Physics – I		elasticity of materials and its determination through
				C103.1	
	C103	PH615		C103.2	1.
3.				C103.3	Discuss the principle behind the propagation of light through an optical fibre and its application in sensors.
				C103.4	
					Relate and explain the quantum concepts in electron
				C103.5	microscopes
					Describe the unit cell characteristics and the growth of
				C103.6	
				C104.1	Explain basics of polymer chemistry
					Describe the types of polymers, polymerization
				5.1	reactions, polymerization techniques and fabrication
		1 1 1 1		C104.2	
		111 4		A	Explain second law of thermodynamics and second law
4.	C104	CY6151	Engineering		based derivations of importance in engineering
	See See See Miles		Chemistry – I	C104.3	
					Explain phase rule in the alloying and the behaviour of
					one component and two component systems using phase
		1 11 11 11		C104.4	diagram
		1 1- 11		C104.5	Explain importance of photophysical and photochemical processes and spectroscopy

Principal

Kemera Virginga College of Engineering and Tachnology
Chimalohambakkam, Idaharahhagan T.k. - 603 308

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

				C104.6	Explain basics of nano materials, their properties and applications
1	7.3			C105.1	Elaborate the organization of digital computer and design the solution for simple computing problems using algorithm, flowchart and pseudo code. Apply the different looping structure to solve simple
				C105.2	
5.	C105	GE6151	Computer Programming	C105.3	Identify the solutions for simple problems using arrays and strings
				C105.4	Demonstrate the usage of dynamic memory allocation and pointer variables.
				C105.5	Explain the concepts of structure and union with an example programs.
M		5 - 11		C105.6	Develop simple software and applications
				C106.1	Perform free hand sketching of basic geometrical construction and multiple views of objects
7	C106	GE6152	Engineering Graphics	C106.2	Construct orthographic projection of straight lines and planes surface
6.				C106.3	Construct orthographic views of simple solids
				C106.4	Develop lateral surfaces of sectioned solids
				C106.5	
1 5				C106.6	Develop graphic skills for communication of concept, ideas and design of engineering products
			, n	C107.1	Explain fundamental concepts and basics commands in C
				C107.2	Develop, compile and debug programs in C language
7			Computer	C107.3	
7.	C107	GE6161	Practices Laboratory	C107.4	Select programming components that efficiently solve computing problems in real-world.
A				C107.5	Apply good programming design methods for program development.
	571		Th-	C107.6	Develop recursive programs.
			Engineering	C108.1	Identify Tools and Techniques used for Sheet Metal Fabrication
8.	C108	GE6162	Practices	C108.2	Use welding equipment to join the structures.
			Laboratory	C108.3	Measure various electrical quantities
		A T		C108.4	Explain the working of electronic components and its

Principal pera Vicayinga College of Engineering and Tachnology Chanalolombakkam, I fadoranthagom T.k - 603 S08

Changalpaltu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

					utilization
				C108.5	Apply electronic principles to develop circuits for primitive application
				C108.6	Demonstrate Plumbing requirements of domestic buildings.
-			7	C109.1	Assess optical fibre parameters using laser properties.
		4"		C109.2	Measure the velocity of ultrasonic waves in a given liquid medium
			Physics and	C109.3	Compute the wavelength of mercury spectrum using properties of light
9.	C109	GE6163	Chemistry Laboratory - I	C109.4	Compute the thermal conductivity of a bad conductor using Lee's method.
				C109.5	Estimate acids and bases quantitatively based on the conductance of the solution
				C109.6	Estimate acids and bases quantitatively based on pH level of the solution
-		HS6251	Technical English – II	C110.1	Breakdown the ideas in to its elementary constituents, analyze and act after a meaning full thought process
				C110.2	
10.	C110			C110.3	Manage to interpret the given phrase or the graphical rendering and review the contents well individually or as a group
				C110.4	Concentrate on the communication aspect of complicated ideas and respond positively
				C110.5	7 0 1
				C110.6	Respond intelligently and seek clarification and understand completely.
			* -> .** *******************************	C111.1	Apply Laplace transform technique to solve the given ordinary differential equation
				C111.2	Explain concepts of vector calculus, needed for problems in all engineering disciplines.
11.	C111	MA6251	Mathematics – II	C111.3	Compute line, surface and volume integral using Gauss divergence, Green's and stoke's theorem.
				C111.4	Solve singularities and its corresponding residues for the given function.
	E T	4		C111.5	Solve double integral over general areas and triple integral over general volumes

Principal Kamera Virayinga College of Engineering and Technology Chinakolambakkam, Haduranthagam T.k - 603 508

Changalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

		- 1715		C111.6	Apply Gauss Divergence theorem for evaluating the surface integral.
				C112.1	Explain the use of magnetic materials.
				C112.2	Explain the use of semiconducting materials.
			P	C112.3	Describe modern engineering materials and its applications
12.	C112	PH6251	Engineering Physics – II	C112.4	Explain dielectric materials and its applications
٧				C112.5	
	Lin '			C112.6	Explain various types of materials and their applications in engineering and technology
	C113	114		C113.1	Discuss boiler feed water requirements, related problems and water treatment techniques
		CY6251	Engineering Chemistry – II	C113.2	and the second s
13.				C113.3	Describe principles of electrochemical reactions, redox reactions in corrosion of materials and methods for corrosion prevention and protection of materials
				C113.4	Explain Principles and generation of energy in batteries, nuclear reactors, solar cells, wind mills and fuel cells.
				C113.5	Discuss Preparation, properties and applications of engineering materials.
				C113.6	Explain Types of fuels, calorific value calculations, manufacture of solid, liquid and gaseous fuels
				C114.1	Explain the basic theorems used in electrical circuits
				C114.2	Discuss the construction and operative principle of electrical machines
14.	C114	GE6252	Basic Electrical and Electronics	C114.3	
1	~441	OLOZ32	Engineering	C114.4	Explain the principles of digital electronics
				C114.5	Identify the electrical components explain the characteristics of electrical machines.
			i a	C114.6	Identify electronics components and use of them to design circuits.
15.	C115	GE6253	Engineering	C115.1	Illustrate the equilibrium of a particle in space using

Principal Karpega Vicayaga College of Engineering and Technology Chianalolambakkam, Haduranhagam T.k - 603 308

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

		L'ILS	Mechanics	1 1	principle of laws of mechanics
					Analyse the equilibrium of rigid bodies in two dimensions and in three dimensions.
		4		C115.2	
		1 -		C115.3	Determine the properties of the surfaces and solid
			e je	C115.4	Calculate dynamic forces exerted in rigid bodies
				C115.5	Formulate the effect of friction on moving bodies
				C115.6	Predict the effect of force and motion of rigid bodies
	7 - 7		1,1,0		Demonstrate the capabilities of software that are used for
				C116.1	Drafting and Modeling
		GE6261			Construct the different conic curves and simple solids by
			Computer Aided	C116.2	using drafting software
16.	C116		Drafting and Modeling Laboratory	C110.2	Develop the orthographic views for different machine
				C116.3	
				C116.4	Construct sectional and isometric views of simple solids
				C116.5	Design the plan for residential building
					Create 2D and 3D model of various engineering
				C116.6	components
			Physics and		Demonstrate the application of a diode laser to determine
				C117.1	the characteristics of a given optical fibre
				C117.2	Demonstrate the estimation of hydrochloric acid present in the given solution using pH meter
	C44 5	CECACA		C117.2	Estimate the mixture of acids by conductometry
17.	C117	GE6262	Chemistry Laboratory - II	C117.5	Determine Coefficient of viscosity of a liquid using
			Laboratory - II	C117.4	777 H New 10 8 V
				C117.5	Determine Rigidity modulus using torsion pendulum
		100		C117.6	Determine CaO in cement
		7		C201.1	Solve the given standard partial differential equations
18.	C201	MA6351	Transforms and Partial Differential Equations	C201.2	Appreciate the physical significance of Fourier series techniques in solving one and two dimensional heat flow problems
				C201.3	Apply partial differential equation for the solution of physical engineering problems
	h			C201.4	Evaluate the given integral using Fourier transform

Principal Karpaga Vicayoga College of Engineering and Tachnology Chloralidambakkam, Haduranbugam T.k. - 603 308

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

		101 1 1			technique
				C201.5	Solve partial differential equation by using Z transform techniques for discrete time system
				C201.6	Apply mathematical principle on transform and partial differential equation to solve mechanical Engineering problem
				C202.1	Determine the deformation behaviour of simple structures
				C202.2	Construct the shear force and bending moment diagram under various load conditions
			Strength of	C202.3	Examine the stresses in Circular Shafts and springs.
19.	C202	CE6306	Materials	C202.4	Analyze different types of loads and its consequent deflections of structures
				C202.5	Solve for various stresses in thin and thick cylinders.
				C202.6	Assess the concepts of strength of materials to obtain solutions to real time engineering problems
		ME6301	Engineering Thermodynamics	C203.1	Apply the first law of thermodynamics towards flow and non flow process
				C203.2	Predict the performance of energy systems using second law of thermodynamics
				C203.3	Apply Rankine cycle to steam power plant and compare few cycle improvement methods
20.	C203			C203.4	Apply simple thermodynamic relations of ideal and real gases
				C203.5	Analyze the properties of gas mixtures and moist air and its use in psychrometric processes
				C203.6	Apply the Thermodynamic Principles to Mechanical Engineering Application.
				C204.1	Predict the fluid properties and characteristics at stagnant and dynamic conditions.
			Fluid Mechanics	C204.1	Determine major and minor losses associated with pipe flow in piping networks.
21.	C204	CE6451	and Machinery	C204.2	apply the mathematical knowledge to validate the flow properties by dimensional analysis
				C204.4	Analyze the performance characteristics of various types of pumps

Principal

Karpega Vinayoga College of Engineering and Technology
Chionalodembakkam, Hadderanthagam T.k. - 603 308
Chengalyaltu Dilatriot



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

					Select the suitable turbine for specific applications
				C204.5	based on the performance characteristics. Examine the various parts of hydraulic machines and
				C204.6	types of flows.
		100		C204.0	Identify various types and defects in metal casting
		A 1 1 1		C205.1	process
				C205.2	Compare different metal joining processes.
				C203.2	Summarize the various hot working and cold working
			Manufacturing	C205.3	process.
22.	C205	ME6302	Technology - I	C205.4	Explain various sheet metal making processes.
				C205.5	Distinguish the various manufacturing process for plastic components.
	1 1			e P	Fabricate different types of components using the
				C205.6	machine tools
			Electrical Drives and Controls	C206.1	Explain the basics of electrical motors
				C206.2	Predict the drive motor characteristic and performances
	C206	EE6351		C206.3	Choose the starting methods for different motors
23.				C206.4	Explain the solid-state speed control for DC motors
				C206.5	Explain the solid-state speed control for AC motors
				C206.6	Compare different types of electrical machines and their performance
				C207.1	Demonstrate the safety precautions exercised in the mechanical workshop
				C207.2	Make the workpiece as per given shape and size using Lathe.
	C40=	3.000	Manufacturing	C207.3	Perform the thread cutting operations in the given workpiece.
24.	C207	ME6311	Technology Laboratory - I	C207.4	Make use of knurling tool to prepare model as per the given size.
				C207.5	Perform the machining operations using milling and shaping machine tools.
				C207.6	fabricate different types of mechanical components using the machine tools
	1, - 1		Fluid Madani	C207.0	Calculate the coefficient of discharge for Orifice meter
25.	C208	CE6461	Fluid Mechanics and Machinery	C208.1	and Venturimeter
		220101	Laboratory	C208.2	Determine the friction factor for flow through pipes

Principal

Supera Maginga College of Englacering and Technology
Chianakokambakkam, Haduranthingum T.k - 603 308

Changalputtu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

				C208.3	Estimate the performance characteristics of centrifugal pump and submergible pump
				C208.4	Construct the performance characteristics curves for reciprocating pump and gear pump.
1				C208.5	Identify the performance characteristics of turbines
				C208.6	Predict the properties and characteristics of a fluid.
				C209.1	Demonstrate the load test, OCC, load characteristics and speed control of DC shunt and DC series motor
				C209.2	Experiment with load test, OC and SC test on a single phase transformer
26.	C209	EE6365	Electrical Engineering	C209.3	Explain the regulation of an alternator by EMF and MMF methods
			Laboratory	C209.4	Perform load test, speed control on various phase of induction motor
				C209.5	Interpret the DC and AC starters
				C209.6	Construct the V curves and inverted V curves of
				C209.0	synchronous Motor
			Statistics and Numerical Methods	C210.1	Apply the concept of testing of hypothesis for small and large samples in real life problems.
				C210.2	Apply the basic concepts of classifications of design of experiments in the field of mechanical Engineering.
				C210.3	Distinguish between numerical differentiation and numerical integration.
27.	C210	MA6452		C210.4	Distinguish between numerical differentiation and numerical integration.
				C210.5	Solve the partial and ordinary differential equations with initial and boundary conditions for various engineering applications
					Determine the solutions for the problems drawn from the mechanical engineering industry using statistical and
				C210.6	numerical techniques.
			- Th	C211.1	Explain the fundamental concepts of machines, mechanisms and related terminologies.
28.	C211	ME6401	Kinematics of	C211.2	Calculate velocity and acceleration of various linkage mechanisms.
			Machinery	C211.3	
				C211.4	Solve problems on gears and gear trains.
		1 [4		C211.5	Calculate the friction in motion transmission and

Principal

Principal

Kerpera Viceyga College of Engineering and Technology
Chionakolambakkam, Madurenthegam T.k. - 603 308
Chengolpatru District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	1 1				machine components.
	Y			C211.6	Utilize analytical, mathematical and graphical aspects of kinematics of Machines for optimum design.
		1 1	T. 1 - 5	C212.1	Explain the mechanism of material removal processes
					Describe the constructional and operational features of
				C212.2	centre lathe and other special purpose lathes.
					Describe the constructional and operational features of
			Manufacturing	C212.3	shaper, milling and gear cutting machines.
29.	C212	ME6402	Technology- II		Explain the types of grinding and other super finishing
			.1 ,	C212.4	8
					Summarize numerical control of machine tools and write
				C212.5	70 PH 1997
					Compare the functions and applications of different
4.1				C212.6	metal cutting tools
				60404	Explain the phase diagrams and iron carbon equilibrium
-			Engineering Materials and Metallurgy	C213.1	diagram Categorize the various heat treatment processes and
				C213.2	
				0210.2	Clarify the effect of alloying elements on ferrous and
-		ME6403		C213.3	
30.	C213				Summarize the properties and applications of non-
				C213.4	
				C213.5	Explain the mechanical properties of different materials.
					Apply the different materials, their processing, heat
					treatments in suitable application in mechanical
				C213.6	engineering fields
					Extend the knowledge about ecosystem and biodiversity
		" - " .		C214.1	at local, national and global level.
					Summarize causes, effects, preventive and control
		- 11		C214.2	measures of various types of pollution.
	C214	CE(251	Environmental		Explain the different natural resources and the need for
31.	C214	GE6351	Science and Engineering	C214.3	their conservation.
		1	Lugmeering	C214.4	Interpret the social issues and how to solve the issues.
					Illustrate sustainable development, relationship between
				C214.5	human population and environment.
	167	1 14		C214.6	Appreciate the importance of environment by assessing

Principal ra Vicayoga College of Engineering and Technology Innakolambakkam, Maduranthagam T.k - 603 308

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

		11.			its impact on the human world
				C215.1	Apply thermodynamic concepts to different air standard cycles.
					Demonstrate the performance and features of IC engines,
				C215.2	components and auxiliaries.
32.	C215	ME6404	Thermal	C215.3	Construct velocity diagrams for steam turbines.
32.	0213	MEOTOT	Engineering	C215.4	Calculate the performance parameters of air compressors
				C215.5	Analyse the performance of Refrigeration and Air Conditioning system.
				C215.6	apply the different gas power cycles in IC and R&AC applications.
	C216			C216.1	Describe various machining operations in special purpose machines.
33.		ME6411	Manufacturing Technology Laboratory–II	C216.2	
				C216.3	Make use of different machine tools for manufacturing gears
				C216.4	Employ different machine tools for finishing operations.
				C216.5	
					Equip with the practical knowledge required in the core industries special purpose
				C216.6	
		17 Ly =		C217.1	Experiment with IC engines to measure power, efficiency, fuel consumption and emissions
				C217.2	Measure fuel properties such as viscosity, flash point and fire point.
34.	C217	ME6412	Thermal Engineering	C217.3	Conduct performance test on reciprocating air compressor.
			Laboratory - I	C217.4	Appraise the performance of steam generator and steam turbines
		A 1_ 1		C217.5	Construct the valve timing diagrams of IC engines.
				C217.6	Apply mathematical knowledge to draw the heat balance characteristics of engines
			Strength of	C217.0	Predict the tensile, compression and bending stresses
35.	C218	CE6315	Materials Laboratory	C218.1	Determine hardness of different materials

Principal

Kerpega Vinayaga College of Engineering and Technology Chloralidambakkam, Madurenthingam T.K - 603 808 Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	- E1,	101		v al.	Experiment with torsion test to find the modulus of
			3 ² -	C218.3	rigidity of a given specimen
					Check the stiffness of the open coil and closed coi
				C218.4	spring and grade them.
		Na.			Identify the microstructure and characteristics of
				C218.5	specimen.
					Predict the mechanical strength of different materials a
				C218.6	
	- " -			C301.1	Understand the fundamentals of computer program
					Classify the different basic curves and solid modelling
				C301.2	
				C301.3	
	6204	3.5E-0504	Computer Aided		Describe the assembly of the mechanical parts and
36.	C301	ME6501	Design	C301.4	mechanism simulation
					Identify different CAD standard to design the
v				C301.5	mechanical component
- 1					Explain the data exchange standard and communication
.1				C301.6	standard
	1 3 1				Interpret the mechanisms of heat transfer under steady
			117	C302.1	
				CC02.1	Interpret the concepts of heat transfer through extended
				C302.2	
			nn 1- 12 (*)	C302.2	Explain the phase change heat transfer and hea
			Heat and Mass	C302.3	
37.	C302	ME6502	Transfer	C502.5	Describe the block body radiation and grey body
				C302.4	
- I				C302.4	Apply the Fick's Law of Diffusion and evaluate the
				C302.5	convective mass transfer
				C302.5	Apply different heat and mass transfer principles o
				C302.6	1 1 2 2
				C302.0	Explain the influence if study and variable stresses in
				G202.4	machine component design
			- 1	C303.1	1100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000
			Design of	1 1 5	Design the components for transmission like shafts and coupling
38.	C303	ME6503	Machine	C303.2	1 0
			Elements	0.000.2	Apply the concept of design to temporary and permanen
				C303.3	
				C303.4	Apply the concept of design to energy storing elements

Principal

Kapega Viceyaga College of Engineering and Technology
Chamalolambakkam, Liadkranthagan T.k - 603 508

Changabattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

					and engine components.
				C303.5	Simple Designation of the Control of
				C303.6	Apply the concept of design for evaluating the shape and dimensions of machine components
		al A-		C304.1	Describe the concept of measurements in various metrological instruments
				C304.2	11
39.	C304	ME6504	Metrology and	C304.3	•
33.	Cour	NIL 0304	Measurements	C304.4	A
				C304.5	11
				C304.6	Demonstrate different measurement technologies and its application in industries
				C305.1	Solve certain common dynamical problems developed in the machines / engines due to dynamic forces.
				C305.2	Identify the undesirable effects of unbalances resulting
			Dynamics of Machines	C305.3	Calculate the effects of Dynamics of undesirable free
40.	C305	ME6505		C305.4	Analyze the forces in mechanical systems and evaluate
				C305.5	Calculate the speed and stability control in mechanical
				C305.6	Interpret the computed results in machine dynamics to improve the design of a mechanism.
				C306.1	Distinguish between Moral and Ethics
				C306.2	Summarize the moral theories and ethical inquiries
		l l	Professional	C306.3	Appraise the result of the engineering projects by applying ethical theories
41.	C306	GE6075	Ethics in Engineering	C306.4	Discuss about professional rights, employ rights and intellectual property rights, safety and risk involved in engineering projects
				C306.5	Judge the role of engineer in environmental issues, computer applications, weapons development,

of our

Principal

Kerpega Vicayoga College of Engineering and Technology
Chianakolambakkam, ifaduranthigam T.k. - 603 308

Chengalyattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

					multinational corporations and Corporate Social Responsibility.
1				C306.6	Differentiate the Environmental Ethics & Computer Ethics
				C307.1	Check the various types of gears, gear trains, kinematic mechanisms, and universal joints
				C307.2	Calculate the mass moment of inertia of axisymmetric objects using Turn table apparatus, bi-filar suspension, compound pendulum and natural frequency for single and double rotor systems, equivalent spring mass system and transverse
42.	C307	ME6511	Dynamics Laboratory	C307.3	Check the critical speed of shaft under the given load conditions and the gyroscopic effect and couple on motorized gyroscope
				C307.4	Sketch the characteristic curves of Watt, Porter, Proell and Hartnell governors and motion curves for the given cam follower setup
				C307.5	Check the balancing of rotating masses in dynamic balancing machine.
				C307.6	Demonstrate the principles of kinematics and dynamics of machinery.
		4		C308.1	Determine thermal conductivity of various engineering materials.
				C308.2	Calculate heat transfer rate in free and forced convection environment.
43.	C308	ME6512	Thermal Engineering Laboratory-II	C308.3	Calculate emissivity of grey surface. Appraise the effectiveness of parallel and counter flow heat exchanger.
			Laboratory-11	C308.5	Calculate COP of refrigeration and air conditioning system and performance of air compressor and fluidized bed cooling tower.
				C308.6	Describe the Effectiveness of Parallel / counter flow heat exchanger.
44.	C309	ME6513	Metrology and Measurements	C309.1	Check the dimensions and the dimensional deviations of given parts
		1 14	Laboratory	C309.2	Check the dimensions, angularity and parallelism of a given component.

Principal

Karpaga Vinaynga College of Engineering and Tachnology
Chanabolambakkam, Maduranthagam T.k. - 603 308

Changalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

					Construct the torque characteristic curves to various
				C309.3	loads at various distances
					Appraise the straightness of surfaces and determine size
				C309.4	
		547			Calculate the vertical distances or height of objects, taper
				9	angle of slope for a given component, various
		ne U		C309.5	parameters of threads and gear wheel.
				000010	Calculate Bore diameter measurement using telescope
				C309.6	gauge and micrometre
			1 77.	000000	Apply the concepts of design to belts, chains and rope
				C310.1	drives
				C310.1	Apply the concept of design tool spur and helical gears
				C310.2	Evaluate the design concept of bevel, worm and cross
		1117	Design of	C310.3	helical gears
45.	C310	ME6601	Transmission		identify the correct progressive ratio to design the gear
			Systems	C310.4	box
				C310.5	Apply the concept of design tool cams, brakes and clutches
					Apply the standard procedures to design the transmission
_				C310.6	
		In The part			Explain the purpose of management & managerial roles
				C311.1	in local and global organization
				C311.2	Describe the decision-making model under different conditions
		A		C311.2	Explain the process of staff selection and career
46.	C311	MG6851	Principles of	C311.3	development
70.	COII	1100001	Management		Demonstrate creativity and innovation, and explain the
				C311.4	motivational theories
					Explain the process of different types of control, and
				C311.5	
			1.16	C311.6	Explain the System and process of controlling
	11				Recognize the various parts of the automobile and their
				C312.1	functions and materials.
					Discuss the engine auxiliary systems and engine
		N	Automobile	C312.2	emission control.
47	C312	ME6602	Engineering	C212.2	Distinguish the working of different types of
		131	3 8	C312.3	
				C312.4	Explain the Steering, Brakes and Suspension Systems.
					Predict possible alternate sources of energy for IC

Principal

page Vindynge College of Engineering and Technology
Chlonaloksmbakkam, Madurenthagam T.k - 603 808

Chengolpatiu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

				C312.6	Perform dismantling and assembling of Engine parts and Transmission Systems
	41,			C312.0	
				C313.1	Solve problems by applying standard finite element techniques.
				C313.1	•
		100		C313.2	Examine 2-D finite element continuum for structural
		Ad 1		C313.3	The state of the s
		610	Finite Element	C313.3	Solve 1-D and 2-D heat transfer problems using finite
48.	C313	ME6603	Analysis	C313.4	
				C010.1	Apply axisymmetric formulation for specific
					applications and Make use of finite element principles in
				C313.5	1
					Apply the concepts of finite element principles in iso
				C313.6	
		T min a	100 100 100 100		Discuss the basic difference between incompressible
					flow and compressible flow and the effect of Mach
				C314.1	
					Compare Fano flow and Rayleigh flow and calculate the
				C314.2	flow properties in Fano flow and Rayleigh flow.
			Gas Dynamics	C314.3	Compute the Prandtl Meyer equation for shock waves
49.	C314	ME6604	and Jet		Compare the working of various jet engines and
			Propulsion		calculate thrust & efficiency in jet propulsion using gas
				C314.4	7 1
		1 to 1			Classify rocket engines and calculate efficiency in rocket
				C314.5	The state of the s
			15	63446	Apply gas dynamics principles in the Jet and Space
-				C314.6	1
			T. T. T.	C215 1	Defend the needs of unconventional machining
				C315.1	
			17.		Explain the working principles of Mechanical Energy
		1		C315.2	Based Processes and various process parameters influence on their performance.
				C313.2	Differentiate between Electric discharge machining and
			Unconventional	C315.3	
50.	C315	ME6004	Machining	0010.0	Compare the chemical machining process with electro-
		11.5	Processes	C315.4	chemical machining process
					Explain the working principles of thermal energy based
		1		C315.5	
		431			Demonstrate different unconventional machining
		1 1 1 1		C315.6	processes.
51.	C316	ME6611	C.A.D. / C.A.M.	C316.1	Create 2D and 3D models using modeling software.

Principal

Pere Virginga College of Engineering and Technology
Chianalolembakkam, Maduranthingam T.K.-603 S08

Changolpatru District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			Laboratory		Understand the CNC control in modern manufacturing
			11 1 1 1 1	C316.2	system
					Prepare CNC part programming and perform
			- 5	C316.3	manufacturing.
		10.1			Create the CL Data and Post process generation using
				C316.4	CAM packages.
				C316.5	Apply CAPP in Machining and Turning Centre.
			-11		Develop the Drilling and Tapping operation using CNC
			127	C316.6	machine.
					choose their desired field to initiate their design and
				C317.1	fabrication project
					explain their concept of their design and develop their
			man terry tall	C317.2	prototype of their design and fabrication project.
		1 1 1	Design and		examine their design and fabrication project with some
52.	C317	ME6612	Fabrication	C317.3	references.
			Project		conclude their design and fabrication project is
				C317.4	advanced and improved in recent technology.
					design and fabricate which will be hands on training at
				C317.5	their budding stage.
				C317.6	Develop innovative design into prototype
				C318.1	Listen to informal conversation and respond effectively
		l to the			Communicate with one or more listener using
				C318.2	appropriate communicative strategy
			, m1 1		Write coherently and flawlessly their ideas logically on a
			Communication Skills -	C318.3	topic
53.	C318	GE6563	Laboratory		Read different genres of text adopting various reading
			Based	C318.4	strategies
					Able to listen different Telephonic Conversation in
				C318.5	different accent
					Participate in the placement activities group discussion,
	H y a			C318.6	interview skill and presentation
	1		51		Describe the knowledge about the various subsystems of
				C401.1	coal power plant
54.	C401	ME6701	Power Plant		Recognize the merits & demerits of diesel and gas
54.	C401	NIE0/01	Engineering	C401.2	turbine power plant.
					Explain the construction and working of components
				C401.3	inside nuclear power plant.

Principal

arpere Viceyoge College of Engineering and Technology
Chinakolembakkam, Madurantingum T.k - 603 308

Chengolpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

				C401.4	Discuss layout and components associated with renewable energy power plant
					Apply the knowledge to power economics and
				C401.5	environmental hazards
					Discuss the different types of power plants, its functions
		A4 1	S. Jan. 1	C401.6	and their issues related to them
. 1				C402.1	Explain the specifications of sensors and choose the suitable sensors for real time applications
				C402.2	Discuss the architecture of microprocessor and micro controller
2		ME6702		C402.3	Explain programmable peripheral interface and various device interfacing
55.	C402		Mechatronics	C402.4	Describe architecture, programming and application of programmable logic controller
				C402.5	Discuss various actuators and mechatronics systems for the given case studies
				C402.6	Design mechatronics system with the help of Microprocessor, PLC and other electrical and Electronics Circuits.
	- 1			C403.1	Explain the basic concepts of CAD, CAM and CIM
			Computer Integrated Manufacturing System	C403.2	Summarize the production planning and process planning techniques
	G.102			C403.3	Apply different coding techniques in cellular manufacturing
56.	C403	ME6703		C403.4	Discuss different FMS layouts and automated guided vehicle system
- [C403.5	Classify robots for industrial application
				C403.6	Make us of computer applications in various aspect of manufacturing
				C404.1	Outline the basic concepts of total quality management.
				C404.1	Apply tqm principles towards continuous process
		7		C404.2	improvement.
	22.22.0		Total Quality	C404.3	Solve the problems on six sigma concepts.
57.	C404	GE6757	Management		Predict the performance through process capability techniques.
				C404.4	
					List the concepts requirement and benefits of various

Principal

arpage Manyage College of Engineering and Technology
Chinakokembakkam, Maduranthagum T.k. - 603 308

Changabath District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			1 11 11 11		Select tools and techniques of quality management in
				C404.6	
				C405.1	Explain the procedure and steps involved in process, equipment and tooling selection
		HC III		C405.2	Describe the Process parameters calculation for various production processes
F0	C405	ME6005	Process Planning	C405.3	Calculate the labour cost, material cost and depreciation cost in foundry shop
58.	C403	ME0005	and Cost Estimation	C405.4	Calculate the different cost in welding shop and forging shop
				C405.5	Calculate the Machining Time for Different Lathe Operations like Drilling and Boring
				C405.6	Assess process planning concepts to make cost estimation for production process.
				C406.1	Illustrate the principles and practices of maintenance activities.
				C406.2	Explain the preventive maintenance and its strategies in Industries.
59.	C406	ME6012	Maintenance	C406.3	List the different condition monitoring techniques in industries.
			Engineering	C406.4	Distinguish the repairing techniques for basic machine elements.
				C406.5	Choose the repairing techniques for material handling equipment.
		-11		C406.6	Elaborate the different maintenance activities adopted in industries.
				C407.1	Develop MATLAB programs for analyzing Engineering Problems
				C407.2	formulate Simulation using Multibody Dynamic software.
60.	C407	ME6711	Simulation and Analysis	C407.3	Predict the stresses and strains induced in plates, brackets and beams
			Laboratory	C407.4	examine thermal stress and heat transfer analysis of plates, cylindrical shells
				C407.5	calculate the natural frequency and mode shape analysis of 2D components and beams
		1 1 1	A 11	C407.6	Predict real time engineering problems using simulation and analysis tools
61.	C408	ME6712	Mechatronics	C408.1	Create the program for arithmetic functions and the

Principal

21



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	1.1		Laboratory		program for sorting, code conversion functions
					Formulate the program codes to interface with traffic
				C408.2	light controller and stepper motor.
63. C		W.		C408.3	Compare the set speed with actual speed of DC motor by interfacing suitable speed sensors
		Maria Salah		C408.4	Integrate all the hydraulic, pneumatic and electron pneumatic circuits by using simulation software.
				C408.5	Compare the real images and template images based on image processing techniques
				C408.6	Design mechatronics system with the help of Microprocessor, PLC and other electrical and Electronics Circuits.
				C409.1	comprehend any given problem related to Manufacturing field
				C409.2	comprehend any given problem related to Thermal field
			9.1	C409.3	comprehend any given problem related to Design field
62.	C409	ME6713	Comprehension	C409.4	comprehend any given problem related to Management & Environment field
62.			1 12 1	C409.5	comprehend any given problem related to Mechanics
		Maria.		C409.6	comprehend any given problem related to quantitative and general aptitude
				C410.1	Summarize basics of Engineering Economics and optimum costing.
				C410.2	Explain Value Engineering and Time Value of Money.
				C410.3	Differentiate Cash Dominated and Revenue Dominated Cash flow.
63.	C410	MG6863	Engineering Economics	C410.4	Apply suitable cash flow methods for different Situations.
				C410.5	Apply Depreciation methods for Individual/Industrial/Public Alternatives.
7			= 1 1/2 1 1 11 1	C410.6	Apply the basics of economics and cost analysis to engineering and take economically sound decisions.
	- 5,		Production	C411.1	Outline the fundamentals of production planning and production control.
64.	C411	IE6605	Planning and Control	C411.2	Apply work measurement techniques and methods study procedures for productivity improvement.
	. 5			C411.3	Extend product information and infer steps in product planning.

Principal

Kemera Vergrega College of Engineering and Technology
Chanalolambakkam, Haduranthagam T.k - 603 808
Chanalolambakkam, Unduranthagam T.k - 603 808



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	111		1 2	C411.4	Solve problems related to production scheduling.
				C411.5	Discuss the effect of demand on inventories and outline recent trends in production process control
				C411.6	Prepare production planning and control activities such as work study, product planning, production scheduling and Inventory control
				C412.1	
				C412.2	Explain the underlying principles of operation of CI Engines and its components
65.	C412	ME6016	Advanced I.C.	C412.3	Discuss the formation of engine exhaust emissions and methods of emission control
			Engines	C412.4	Explain various alternate fuels and their properties,
		1.4		C412.5	Explain the contemporary developments in IC engines and Hybrid vehicles.
	de d			C412.6	Discuss various alternate fuels and hybrid vehicle technology to reduce pollution.
				C413.1	Make comprehensive use of the technical knowledge gained from Literature review.
				C413.2	Formulate the possible methodologies for the problem statements.
66.	C413	ME6811	Project Work	C413.3	Organize the project activity with the constraints required to implement it.
				C413.4	Design the working model and test its functioning.
				C413.5	Communicate effectively to a diverse audience and develop technical reports and publications.
		F 1		C413.6	Work as a team member/leader to manage projects in a multidisciplinary environment.

Principal

Karpage Vineyings College of Engineering and Technology
Chinalistambakkem, Madurenthagam T.k. - 603 308

Chengalpathu Dishid



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

CO-PO-PSO Mapping for all courses

SI. No.	Course Code	Subject Code & Name	CO Code	P01	PO2	PO3	P04	PO5	PO6	PO7	PO8	P09	PO10	PO11	PO12	PSO1	0000
41			C101.1	-	-	-	-	-	-	-	-	1	3	-	1	1	-
W			C101.2		-	12	-	-	-	-	-		3		1	1	-
			C101.3	5-	-	-	-	-	-	-	-	-	3	-	1	1	-
1.	C101	HS6151	C101.4	N-	-	-	-	-	5 -	-	4	-2	3	-	1	1	- 2
			C101.5	×=	-	=	12	, -		-	-	H	3	1.	1	1	-
			C101.6	-	-	-	-		-	-	-	2	3	-	1	1	_
				-	-	-	-	-	-	-		2	3	-	1	1	-
			C102.1	3	2	1	- 1	-	725	-	-	-	-		1	1	-
			C102.2	3	2	1	-	-	-	-	-	-	-		1	1	_
			C102.3	3	2	1	-	-	-	-	-	_	_	:#8	1	1	-
2.	C102	MA6151	C102.4	3	2	1	-	-	32	-	-	-	-	-	1	1	J
			C102.5	3	2	1	-		-	_	-	-	-	_	1	1	_
			C102.6	3	2	1	1	-	-	-	: i	-	-	-	1	1	4
				3	2	1	_	-	-	-	-	-	20	_	1	1	-
		The gray of the	C103.1	2	1	27	-	-	-	-	-	-	-	-	1	2	-
			C103.2	2	1	-	-	-	-	-	2-	-	-1	-	1	1	(4)
			C103.3	2	1			-	_	-	-	-	-	-	1	1	
3.	C103	PH615	C103.4	2	1	120	-	_	-	-	-	-	-	- 1	1	2	-
- 1	Ta .		C103.5	2	1	-	-	-	-	-	-	-	-	-	1	1	-
3.			C103.6	2	1	48	_0	-	-	-	-	7 <u>-</u>	-		1	1	12
				2	1	200	-	-	_	-	_	-	-	-	1	1	_
	- V		C104.1	2	1	-	-	-	-	1	-	-	-	-	1	1	-
			C104.2	2	1	-	-	-	-	1	-	-	-	-	1	1	-
	1 / 1 *1		C104.3	2	1	250	-	-	-	1	-	-	7-		1	1	-
4.	C104	CY6151	C104.4	2	1	-	-	7:	-	1	-	-	-	Ç.	1	1	1074
			C104.5	2	1	-	-		-	1	-	-	-	=	1	1	-
			C104.6	2	1	-	-	-	-	1	-	: <u>-</u> :	-	-	1	1	-
			12	2	1					1					1	1	
5.	C105	GE6151	C105.1	2	1	-	-	-"	-	2	-	-	-	-	1	1	5.0

Principal

ge Vinayings College of Engineering and Technology Imalialembakkem, Hadurenthagam T.k. - 603 908 Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	113		C105.2	3	2	1	-	-	-	-	-	-	-	126	1	1	-
			C105.3	2	1	1 12	-	-	-	-	-	-	-	-	1	1	-
			C105.4	2	1	-	-	-	-	-	-	-	-	-	1	1	
			C105.5	2	1		-	-	-	-	-	-	-	-	1	1	() .
			C105.6	3	3	2	1	-	-	-	12	-	-	-	1	1	
		al la		2	2	2	1								1	1	
			C106.1	3	2	1	1	-	-	-	1	1	2	-	1	2	
			C106.2	3	2	1	1	-	-	-	1	1	2	-	1	2	
			C106.3	3	2	1	1	-	-	-	1	1	2	-	1	2	
6.	C106	GE6152	C106.4	3	2	1	1	-	-	n:-	1	1	2	,-	1	2	0
			C106.5	3	2	1	1	-	-	-	1	1	2	-	1	2	-
			C106.6	3	2	1	1	-	:=	-	1	1	2	_	1	2	- 5.
				3	2	1	1				1	1	2		1	2	T
			C107.1	2	1	-	-	2	-	-	2	2	1	-	-	-	
			C107.2	2	1	-	_	2	-	-	2	2	1	-	1-	-	
	1	GE6161	C107.3	2	1	-	-	2	-	-	2	2	1	-	-	-	t
7.	C107		C107.4	3	1	-	-	2	-	-	2	2	1	-	-	-	t
			C107.5	3	2	1	-	2	-	-	2	2	1	-	-	-	t
. 3	* 21 11		C107.6	2	1	_	_	2	-	-	2	2	1		-	_	<u> </u>
				2	1	1	7 . 11	2			2	2	1	5			
			C108.1	2	1	_	-	1	-	-	2	2	1	-	-	2	
1			C108.2	2	1	-	-	1	-	-	2	2	1	-	-	2	
			C108.3	2	1	_	-	1	-	_	2	2	1		-	2	
8.	C108	GE6162	C108.4	2	1	-	-	1	-	-	2	2	1	_	-	2	
	2100	GEOTOE	C108.5	2	1	_	_	1	_	_	2	2	1	_	-	2	
1			C108.6	2	1	_	2	1	-	_	2	2	1	_		2	
				2	1			1			2	2	1			2	H
			C109.1	2	1	_	-	1	-	1	2	2	1	-	-	1	
- 1			C109.2	2	1	-	-	1	_	1	2	2	1	_	-	1	
			C109.3	2	1	_		1	_	1	2	2	1	-	-	1	
9.	C109	GE6163	C109.3	2	1			1	_	1	2	2	1	-	-	1	H
5.	C109	GE0103	C109.4	2	1		-	1	1	1	2	2	1		_	1	
			C109.5	2	1			1	1	7.55	2	2	10000	_	-	777	
			C109.0	2	1	-	-	1	1	1	2	2	1	-	-	1	3
_			CHAOA		1			1	1	1			1				_
10.	C110	HS6251	C110.1	-	-	-	-		-	-	-	-	3	-	1	1	1
200000000000000000000000000000000000000			C110.2	-	-	-:	-	-	-	-	-	-	3	-	1	1	9.4

Marin

Principal
page Vincipae College of Engineering and Technology
Chinnal clambalkam, I fadurenthing am T.k. - 603 308
Changalpattu District

25



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

			0110.2		ı		1	1	1	1	ı.						
	7 4 4		C110.3	-	-	-		-	-	-	-	-	3	-	1	1	-
			C110.4	-	-	-	-	-	-	-	-	-	3	-	1	1	ļ-
			C110.5	-	-	72	-	-	=	-		1	3	-	1	1	-
11	- 17		C110.6	-	-	-	-	-	-	-	-	-	3	-	1	1	
Lie	1.15	A										1	3		1	1	
		8	C111.1	3	2	1	-	-	-	-	-	-	-		1	1	-
			C111.2	2	2	1	-	-	-	-	-	-	-	-	1	1	V
7.0			C111.3	3	2	1		-	-	2	12	-	-	-	1	1	-
11.	C111	MA6251	C111.4	3	2	1		-	-	-	8	-	-	-	1	1	-
			C111.5	3	2	1	-	-	-	-	3	9	-	-	1	1	-
			C111.6	3	2	1	-	-	-	\ -	-	= 0	-	-	1	1	-
				3	2	1									1	1	
	. 4,		C112.1	2	1	N 120 F		-	-	-	-	-	-	-	1	1	-
			C112.2	2	1	-	2 1	-	-	-	œ'	-	-	-	1	1	-
	4 1 1		C112.3	2	1	-	-	-	-	-	177	-	-	-	1	1	-
12.	C112	PH6251	C112.4	2	1	776	-	J-	-	-	-	-	-	-	1	1	-
			C112.5	2	1	-	-	1-01	1	1	-	-		-	1	1	-
			C112.6	2	1	-	-	-	1	1	-	-	-	-	1	1	-
				2	1				1	1					1	1	
			C113.1	2	1	437		-	1	1	-	-	-	-	1	1	-
			C113.2	2	1	- 8	P (%)	-	-	-	-		-	-	1	1	-
			C113.3	2	1			-	-	-	-	-	-	-	1	1	-
13.	C113	CY6251	C113.4	2	1	- 76	*	-	-	·-	-	· =	-	,-:	1	1	-
	1		C113.5	2	1	-	-	-	1	1	-	-	-		1	1	-
			C113.6	2	1	-	•	-	1	1	-	:-	-	-	1	1	-
		N. II.		2	1			-	1	1					1	1	
			C114.1	2	1	-	-	-		-	-	-	l-	-	1	2	-
	1.12		C114.2	2	1	-	36	-	-	-	-	n 	-	-	1	2	-
0 1			C114.3	2	1	(1. 1. 2)	-	-	-	-	-	-	-		1	2	-
14.	C114	GE6252	C114.4	2	1	-	-	-	-	S=3	-	7 -	-	-	1	2	-
	2 Wi 11		C114.5	2	1	-	-		-	0=0	-	-	7-		1	2	-
			C114.6	2	1	-	# 0	-	-	-	1-3	-	-	1-1	1	2	-
				2	1										1	2	
15.	C115	CF6253	C115.1	2	1				-	-	-	-	-	- 1	1	3	-
15.	CHS	GE6253	C115.2	3	3	2	1	-	-	- 1	- 1	_	- 1	-	1	3	-

Principal

ra Vingynga College of Engineering and Technology haalidambakkam, Thadiranthagani T.k - 603 s08 Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

			C115.3	3	2	1	-	-	-	-	-	-	-	-	1	3	_
			C115.4	3	2	1	-	-	-		_	-	-	192	1	3	-
			C115.5	3	2	1	-		_		-	-	-	-	1	3	-
			C115.6	3	2	1	-		-	-	-	-	-	-	1	3	-
		-11		3	2	1	1								1	3	
		N III	C116.1	2	1	110-		2	-	-	2	2	1	-	921	3	3
		1 2 7	C116.2	2	1	-	-	3	=	-	2	2	1	-	-	3	3
19	4.3		C116.3	2	1	_	-	3	-	-	2	2	1	-	-	3	3
16.	C116	GE6261	C116.4	2	1		-	3	-	-	2	2	1	-	-	3	3
			C116.5	2	1	-	-	3	-	-	2	2	1	-	-	3	3
			C116.6	2	1	-	-	3	2.2	-	2	2	1	-	-	3	3
				2	1			3			2	2	1			3	3
			C117.1	2	-	· = .	-	-	-	-	2	2	1	1	-	1	-
			C117.2	2	=	=	-	-	-	-	2	2	1	-	=	1	-
	_ i = 11		C117.3	2	- 1	-	-	-	-	-	2	2	1	-	-	1	, -
17.	C117	GE6262	C117.4	2	-	1.7 <u>2</u> 2		-	-	-	2	2	1	T -	-	1	-
			C117.5	2	-	1 -	-		47	-	2	2	1	-	-	1	-
			C117.6	2	-	-	-	-	e=	-	2	2	1	-	-	1	-
				2							2	2	1			1	
			C201.1	3	2	2	-	-	-		-	-	-	-	1	1	-
			C201.2	3	2	2		-	-	-	-	s=	-	-	1	1	12
			C201.3	3	2	2		-		-	-		-	2.1	1	1	-
18.	C201	MA6351	C201.4	3	2	2	1	-	-	-	-	-	-		1	1	-
			C201.5	3	2	2		-	-	-	-	-	-	140	1	1	-
	1 1		C201.6	3	2	2	0	-	-	-	-	-	12	-	1	1	-
	, sh			3	2	2	1								1	1	
			C202.1	3	2	1		-	-	-	-	-	_	-	1	3	-
			C202.2	3	2	1	-	:	-	1-1	-	-	2	-	1	3	-
			C202.3	3	2	1		-	-	-		-	-	-	1	3	-
19.	C202	CE6306	C202.4	3	3	2	1	_	-	-	-	-	-	=	1	3	-
			C202.5	3	2	1		-	421	-		-	-	-	1	3	-
			C202.6	3	2	1	-	-	-	-	-	2	-	-	1	3	-
		1 114		3	2	1	1								1	3	
20.	C203	ME6301	C203.1	2	2	1		-		-	-	-	-	-	1	3	-
20.	C203	WIE0301	C203.2	3	2	1		-	-	-	-	-	-	_	1	3	_

Principal



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	1		G202.2		1 -	1 .	1	1	1	r i	1	1 -	Ī				1
	7.1		C203.3	2	2	1	-	-	-	-	-:	-	-	-	1	3	$\overline{}$
			C203.4	2	2	1	-	-	-	-	-	-	-	-	1	3	-
			C203.5	3	2	2	1	-	-	-	-	-	-	-	1	3	+
	- "		C203.6	3	2	1	-	-	-	-	-	-	-	100	1	3	+
				3	2	1	1	-	-	-	-	-	-	-	1	3	1
			C204.1	3	2	1	-	-	- ·	-		-	-	-	1	3	
	1,1		C204.2	3	2	1	-	-	i -	-	-	-	120	-	1	3	
	a 45		C204.3	3	2	1	-	-	-	-	-	-	-	-	1	3	
21.	C204	CE6451	C204.4	3	3	2	1	-	: 2	-	2		-		1	3	
			C204.5	3	2	1	-	-	-	-	_	201	-	-	1	3	
			C204.6	3	2	1	-	-	6 <u>4</u>	-	12	2	-	-	1	3	
		36.1	1.7	3	2	1	1								1	3	
			C205.1	2	1	_	84	-	-	-		-	_	-	1	3	
	h , 5		C205.2	2	1	-	-	-	-	-	-	-	-	-	1	3	
			C205.3	2	1	- 1	-	-	-	-	- 1	-	-	-	1	3	1
22.	C205	ME6302	C205.4	2	1	-	-	(E	-	-	-	-	_	_	1	3	T.
	0.0		C205.5	2	1	-	-	-	-	- 3	-	-	_	-	1	3	T.
			C205.6	2	1	-	-	1.5	-	-	-	-	-	-	1	3	Ι.
			111 2	2	1			1 72							1	3	T
			C206.1	2	1	-	-	-	-	-	-	-	-	-	1	1	1
			C206.2	3	2	1	-	-	-	-	2	-	-	-	1	1	T.
	1.72		C206.3	1	-	-	_	-	-	-	-	-	-	-	1	1	
23.	C206	EE6351	C206.4	2	1	-	-	-	<u></u>	23	-	-	_	-	1	1	Ť.
		220001	C206.5	2	1	-		-	-	-	-	-	-		1	1	,
			C206.6	2	1	_	_	-	-	-	-	_	-	-	1	1	١.
- 1				2	1	1									1	1	
		10 ' j. T	C207.1	2	-	_	_	2	-	-	2	2	1	-	-	2	
			C207.2	2	-	-	10 - 2	2	-	-	2	2	1	_	-	3	+
	2		C207.3	2	-		_	2	_	_	2	2	1	-	-	3	+
24.	C207	ME6311	C207.4	2	1	-	_	2	-	-	2	2	1	-		3	-
- "			C207.5	2	-	-	-	2	-	-	2	2	1	-	-	3	т
	11		C207.6	2	2	1	-	2	-	-	2	2	1	-		3	
			C207.0	2	2	1		2	-	-	2	2	1	-	-	3	1
			C208.1	2	1	-	-		-	_	-	2	1	-	_	2	
25.	C208	CE6461		-		_	_		-	-	-	-	1	_	100	· fee	-

Principal

page Viceyoga College of Engineering and Technology Chianal olambakkam, I faduranthagam T.k.-603 S08 Changelpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	9.15		C208.3	2	1	-	-	_	1_	-	_	2	1	-	-	3	١.
			C208.4	2	1	-	Œ	<u>U</u> na	-	-	=)	2	1	-	-	3	-
			C208.5	1	-	-	-	-	-	-	-	2	1	-	-	3	-
	1 514		C208.6	3	2	1	-	-	-	-		2	1	-	-	3	-
		m' i		2	1	1						2	1			3	
		70	C209.1	2	-	-	D2	-	-	-	_	2	1	-	- 1	1	-
			C209.2	2	-	-	-		-	-	2	2	1	-	-	1	1-
			C209.3	2	-	-		-		-	-	2	1	-	-	1	-
26.	C209	EE6365	C209.4	2	-	-		-	-	-	-	2	1	-		1	-
			C209.5	2	-	_	-	-	_	-		2	1	-	-	1	-
			C209.6	2	-	-	-	-	-	-	-	2	1	-	-	1	-
		d		2	- 1			8.5				2	1			1	
			C210.1	3	3	2	-	-	-	-	_	-	-	- ,	1	2	-
			C210.2	3	3	2	-	-	-	-	_	-	-	-	1	2	-
			C210.3	2	1	1	-	-	-	-	_	-	-	-	1	2	
27.	C210	MA6452	C210.4	2	1	1	-	-	=	-	-	-	-	-	1	2	1.
			C210.5	3	3	2	-	-	-	-	_	-	-	-	1	2	
			C210.6	3	3	2	-	1/2	-	-	-	-	-	-	1	2	
			111	3	2	2					17				1	2	
		1.550	C211.1	2	1	-1	-	12	-	-	_	-	_	-	1	3	-
			C211.2	3	1		=	7-	_	-	-	-	-	-	1	3	
			C211.3	3	2	1	-	-	-	-	-	-	-	-	1	3	
28.	C211	ME6401	C211.4	3	2	1	-	-	-	-	-	-	-	-	1	3	
			C211.5	3	1	1		5-	-	-	-	-	-	-	1	3	
			C211.6	3	2	1	-	-	-	-	-		-	-	1	3	
- 1				3	2	1									1	3	
			C212.1	2	1	_	-	1_	-	-	-	-	-	-	1	3	
			C212.2	2	1	-	_	-	1-	-	-	-	-	-	1	3	_
- 1			C212.3	2	1	-	-	-	-	-	-	-	-	_	1	3	+
29.	C212	ME6402	C212.4	2	1	_ "	-	-	-	-	_	-	-	_	1	3	+
			C212.5	2	1	-	_	-	-	-	-	-	_	_	1	3	+
			C212.6	2	1	-	-	12	-	-	_	-	-	_	1	3	+-
				2	1	-	-	125	-	-	-	-:	-	-	1	3	-
		6: (10:10) BANGARAN	C213.1	2	1	121	_	_	-	_	_	-	_	-	1	3	
30.	C213	ME6403	C213.1	2	1	-	-	-	1000			200	-		1	3	+

Principal

paga Vinayinga College of Engineering and Technology Chinnalolambakkam, Haduranthingom T.k. - 603 308 Changalpatiu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

		3.6													
		C213.3	2	1	_	-	-	-	7-2	-	-	-	-	1	3
		C213.4	2	1	-	-	<u>U</u> -,	-	-	-	-	-	-	1	3
		C213.5	2	1	79 4	7 -	=	-	-	-	-	(=)	- 1	1	3
		C213.6	3	2	1	*	-	1	1	20	-	-	-	1	3
	001		2	1	1			1	1					1	3
	7	C214.1	2	-	-	-	-	2	3	-	-	-	-	1	2
		C214.2	2	-	-	-	-	2	3	-7	-	-	-	1	2
		C214.3	2	-	-		-	2	3	-	-	-	-	1	2
C214	GE6351	C214.4	2	- 1	-	-		2	3	-	-	-	-	1	2
		C214.5	2	-	-	8 =	-	2	3	-	-	-	-	1	2
		C214.6	2	1	1	1	-	2	3	21	-2	-	-	1	2
	<u> </u>		2	1	1	1		2	3				-	1	2
	les grani	C215.1	3	2	1). 	-	-	-	- 1	-	-	-	1	3
		C215.2	2	1		-	-	-	-	-	-	-	-	1	3
		C215.3	3	2	1	-	-	-	-	-	-	-	- 1	1	3
C215	ME6404	C215.4	3	2	1	1	-	-	-	-	-	-	-	1	3
		C215.5	3	3	2	1	E-1	-	-	_	-	-	-	1	3
		C215.6	3	2	1	(F <u>2</u> 2	-	-	-	=	-	-	-	1	3
			3	2	1	1								1	3
		C216.1	2	-		-	1	-	-	1	2	1	-	-	3
		C216.2	2	-	-	-	1	1	-	1	2	1	-	-	3
		C216.3	2	-	-	-	1	:=	-	1	2	1	-	-	3
C216	ME6411	C216.4	2	-	-	= .	1	-	-	1	2	1	-	-	3
		C216.5	2	1	-2	-	1	-	-	1	2	1	-		3
		C216.6	2	1	-	-	1	-	-	1	2	1	-	_	3
			2	1			1			1	2	1			3
	15 3	C217.1	2	_	-	-	1	-	-	1	2	1	-	_	3
7.1		C217.2	2	-	-	-	1	-		1	2	1	-	-	3
		C217.3	2	-	12	-	1	5 <u>-</u>		1	2	1	n-		3
		C217.4	2	-	-	-	1	_	-	1	2	1	-	-	3
C217	ME6412	C217.7			-	1		225	-	1	2	1			
C217	ME6412	C217.5	2	-	3-4	•	1	-	1701	1	2		-	-	3
C217	ME6412		3	- 2	1	1	1	-	-	1	2	1	-	-	3
C217	ME6412	C217.5		2	1	1	1			1	2	1	_		3
C217	ME6412	C217.5 C217.6	3 2	2	1	1	1	-	-	1	2	1		-	3
C217	ME6412 CE6315	C217.5	3	2	1	1	1			1	2	1	-		3
	C215	C215 ME6404	C213.4 C213.5 C213.6 C214.1 C214.2 C214.3 C214.4 C214.5 C214.6 C215.1 C215.2 C215.3 C215.4 C215.5 C215.6 C216.1 C216.2 C216.3 C216.5 C216.6 C217.1 C217.2	C213.4 2 C213.5 2 C213.6 3 C214.1 2 C214.2 2 C214.3 2 C214.3 2 C214.5 2 C214.6 2 C214.6 2 C215.1 3 C215.2 2 C215.3 3 C215.2 3 C215.5 3 C215.6 3 C216.1 2 C216.2 2 C216.3 2 C216.3 2 C216.5 2 C216.6 2 C217.1 2 C217.1 2 C217.2 2	C213.4 2 1 C213.5 2 1 C213.6 3 2 2 1 C214.1 2 - C214.2 2 - C214.3 2 - C214.3 2 - C214.5 2 - C214.6 2 1 C215.1 3 2 C215.2 2 1 C215.2 2 1 C215.3 3 2 C215.4 3 2 C215.5 3 3 C215.6 3 2 C215.6 3 2 C216.1 2 - C216.2 2 - C216.3 2 - C216.3 2 - C216.3 2 - C216.5 2 1 C216.6 2 1 C216.6 2 1 C217.1 2 - C217.2 2 -	C213.4 2 1 - C213.5 2 1 - C213.6 3 2 1 2 1 1 C214.1 2 - C214.2 2 - C214.3 2 - C214.4 2 - C214.5 2 - C214.6 2 1 1 C215.1 3 2 1 C215.2 2 1 C215.3 3 2 1 C215.3 3 2 1 C215.4 3 2 1 C215.5 3 3 2 1 C215.6 3 2 1 C215.6 3 2 1 C216.6 2 1 - C216.7 2 - C216.8 2 - C216.8 2 - C216.8 2 - C216.9 2 1 - C216.9 2 -	C213.4 2 1 C213.5 2 1 C213.6 3 2 1 C214.1 2 C214.2 2 C214.3 2 C214.5 2 C214.6 2 1 1 1 1	C213.4 2 1 C213.5 2 1 C213.6 3 2 1 C214.1 2 C214.2 2 C214.3 2 C214.5 2 C214.5 2 C214.6 2 1 1 1 - C215.2 2 1 1 1 1 C215.3 3 2 1 C215.3 3 2 1 C215.3 3 2 1 C215.4 3 2 1 1 - C215.5 3 3 2 1 C215.6 3 2 1 1 - C215.6 3 2 1 C215.6 3 2 1 1 C216.6 2 1 1 1 C216.6 2 1 1 1 C216.6 2 1 1 C216.7 2 2 1 C217.2 2	C213.4 2 1 C213.5 2 1 1 C213.6 3 2 1 1 C214.1 2 2 C214.2 2 2 C214.3 2 2 C214.3 2 2 C214.5 2 2 C214.6 2 1 1 1 - 2 C214.6 2 1 1 1 - 2 C215.1 3 2 1 2 C215.2 2 1 2 C215.3 3 2 1	C213.4 2 1 C213.5 2 1 C213.6 3 2 1 1 1 1	C213.4 2 1 1 C213.5 2 1 1 C213.6 3 2 1 1 1 1 1 C213.6 3 2 1 1 1 1 1 C214.1 2 2 3 1 C214.2 2 2 3 1 C214.3 2 2 3 1 C214.4 2 2 3 1 C214.5 2 2 3 1 C214.6 2 1 1 1 1 - 2 3 1 C214.6 2 1 1 1 1 - 2 3 1 C215.1 3 2 1 2 3 1 C215.2 2 1 1 1 1 2 2 3 1 C215.3 3 2 1 1 C215.4 3 2 1 1 C215.5 3 3 2 1 1 C215.6 3 2 1 1 1 1 C215.6 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				

Marin

Principal

Kamera Viraynga College of Engineering and Technology
Chanalolambakkam, I taduranthagan T.k - 603 308
Chanalolambakkam District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	in la l		C218.4	2		-	-	1	-	-	1	2	1	-	-	3	١.
			C218.5	2	1			1	-	-	1	2	1	-	-	3	-
			C218.6	3	2	1	1	1	-	-	1	2	1	-		3	-
11 1		21.21		2	2	1	1	1			1	2	1			3	
			C301.1	2	1	-	- 1	1	-	-	-		-	-	1	2	3
- 5			C301.2	2	1	-		-	-	-	-	-	14	-	1	2	3
. 1	1 11		C301.3	2	1	E-	-	=		-	-	-	-	V2	1	2	3
36.	C301	ME6501	C301.4	2	1	-	- "	=		-		-	-	Œ	1	2	3
			C301.5	2	1	N2	-	1	-	-	-	-	-	-	1	2	3
-			C301.6	2	1	121	-	1	(-5)	-	-	-	-		1	2	3
				2	1			1							1	2	3
			C302.1	2	1	-	-	-	-	-	-	-	-	-	1	3	-
			C302.2	2	1	6 -		-11	-	-	28	-	-	12	1	3	2
	1 1		C302.3	2	1	_	32 a	-	_	-	<u>=</u> 0.	-	-	-	1	3	-
37.	C302	ME6502	C302.4	2	1	-	-	-	_	-	-	-	-	-	1	3	-
			C302.5	3	2	1	-	-	-	-	<u> - 1</u>	-	-	-	1	3	-
	v 11 = 1		C302.6	3	2	1	-	-	-	-	-	-		-	1	3	-
				2	1	1									1	3	
			C303.1	2	1	-	-	-	-	-	-	-	_	_	1	3	3
			C303.2	3	2	1	-	72 I	-	2	1	-	-	-	1	3	3
			C303.3	3	2	1	-	-	-	20	1	-	-	-	1	3	3
38.	C303	ME6503	C303.4	3	2	1	_	-	-	9	1	-	-	-	1	3	3
			C303.5	3	2	1	-	-	-	-	1			-	1	3	3
	1 1 1		C303.6	3	2	1	-	-	-		1	-	-	-	1	3	3
				3	2	1					1				1	3	3
			C304.1	2	1	-	-	-	-	-	-	20	<u>.</u>	-	1	3	-
			C304.2	2	1	-	-	-	-	21	-	-	-	-	1	3	-
			C304.3	2	1	12 10	-	-	-	8	-	-	-	i.	1	3	
39.	C304	ME6504	C304.4	2	1	-	-	-	-	-	-	- 1	-	-	1	3	-
			C304.5	2	1	-	-	-	15-21	-	-	- 1	-	-	1	3	-
			C304.6	2	1	-	1711 I	j.=,	-	-	-	-	- 1	-	1	3	-
				2	1	-	-	1	-	-	-	_		-	1	3	_
		ar Time	C305.1	3	2	1	-	-	-	-	-	-	-	-	1	3	-
40.	C305	ME6505	C305.2	2	1		-	-	-	-	-	-	-	-	1	3	-
			C305.3	3	2	1					_	_	_		1	3	

Main

Principal

spece Virginge College of Engineering and Technology
Chinaliolambakkem, Heduranthagom T.K - 603 508

Chengolpottu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

			C305.4	3	2	1	1	-	-	-	-	-	-	-	1	3	۱.
			C305.5	3	2	1	-	1	-	1-	-	-	200	-	1	3	-
			C305.6	3	2	1	-	-	-	-	-	-	-	-	1	3	_
				3	2	1	1							17	1	3	
	1		C306.1	-	-	-	-	-	3	1	3	-	-	-	1	3	-
. 4			C306.2	-	-	-	-		3	1	3	-	-	-	1	3	†-
			C306.3	-	-	-	-		3	1	3	12	-	-	1	3	T.
41.	C306	GE6075	C306.4	-	3 4	-		-	3	1	3	-	-	3.0	1	3	1-
			C306.5	-	-	-	-	-	3	1	3	-	-	-	1	3	-
			C306.6	-	-	-	-	-	3	1	3	-		-	1	3	1
	11 1				- "				3	1	3				1	3	
			C307.1	2	1	-	-	1	ΞX	-	1	2	1	la -	-	2	
			C307.2	2	1	-	-, 1	1	-	-	1	2	1	-	-	2	-
			C307.3	2	1	821	- ,	1	-	-	1	2	1	-	-	2	١.
42.	C307	ME6511	C307.4	2	1	-	M= =	1	-	-	1	2	1	-	-	2	-
			C307.5	2	1	-	-	1	-	-	1	2	1	L	-	2	-
	1		C307.6	2	1	-	-	1	-	-	1	2	1	_	-	2	-
				2	1			1			1	2	1			2	
			C308.1	2	1	-	-	-	-	-	1	2	1	-	-	2	-
			C308.2	2	1	-	-	-)/E	.T.O.	1	2	1	-	-	2	-
	11.1		C308.3	2	1	-	-	-	-	-	1	2	1	-	-	2	-
43.	C308	ME6512	C308.4	2	1	-	-	-	-	-	1	2	1	-	-	2	-
			C308.5	2	1	D=1	-	-	-	-	1	2	1	-	-	2	-
			C308.6	2	1	-	-	-	-	-	1	2	1	- 1	-	2	-
-			I n	2	1						1	2	1			2	L
			C309.1	_ 2	1	-	-	-	-	-	1	2	1	-	-	2	
- 1			C309.2	2	1	-	-	-	-	-	1	2	1	-	-	2	
		A 117 F.	C309.3	2	1	-	-	-	-	-	1	2	1	1	-	2	
44.	C309	ME6513	C309.4	2	1	-	-	-	-	-	1	2	1	-	-	2	L
			C309.5	2	1	-	-	-	-	-	1	2	1	-	-	2	L
			C309.6	2	1	-	-	-	-	-	1	2	1	-	-	2	L
-				2	1						1	2	1			2	
			C310.1	3	2	1	-	-	-	-	1) <u>=</u> 1	-	-	1	3	1
45.	C310	ME6601	C310.2	3	2	1	-	-	-	-	1	-	-	-	1	3	
	-		C310.3	3	3	2	1	-	-	-	1	-	-	-	1	3	
			C310.4	2	1		<u>.</u>	-	-	-	1	-	-	-	1	3	1

Principal Kerpega Vergyega College of Engineering and Technology Chanalolambakkem, I technologism T.k - 603 308

Chengolyattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			C310.5	3	2		1	-	-	-	-	1	-	-	-	1	3	2
			C310.6	3			1	-0	-		-	1	-	_	-	1	3	2
	19-19			3	2		1	1		-	-	1	-	-	-	1	3	2
		10 2 1 T	C311.1	-	-	-		-	-	1	-	3	-		3	1	1	
-11			C311.2	-	-	-		-	-	1	1-	3) -	-	3	1	1	
			C311.3	-	-	-		-	-	1	-	3	-	-	3	1	1	
46.	C311	MG6851	C311.4	-		-		-		1	-	3	-	-	3	1	1	
7.1			C311.5	-	-	-		-		1	-	3	-	-	3	1	1	
			C311.6	-	-	-		-		1	-	3	-	-	3	1	1	
7	is III II									1		3			3	1	1	
		7	C312.1	2	1	-		- 1	-	-	-		-	-	-	1	3	24
	100		C312.2	2	1	-		-	-	-	-	-	-	-	-	1	3	-
			C312.3	2	1	-		-	-	-	-	-	-	-	-	1	3	-
47.	C312	ME6602	C312.4	2	1	-		-	-	-	2	-	-	-	-	1	3	_
			C312.5	2	1	-		-	-	-	2	-1	-	-	~_	1	3	-
			C312.6	2	1	-		a=.	-	2	-	-	-	-	-	1	3	÷
			1	2	1					2	2					1	3	
	1 11 11	12. 1	C313.1	3	2		1	-	-	-	=	-	-	-	-	1	3	-
			C313.2	3	2		1	-	-	-	-:	-	-	-	-	1	3	-
			C313.3	3	3		2	1	: - . 1	. -	-	-	-	-	-	1	3	-
48.	C313	ME6603	C313.4	3	2		1	-	-	-	-	-	-	-	-	1	3	-
	4.5		C313.5	3	2		1	-	-	-	-	-	-	-	-	1	3	-
			C313.6	3	2		1	-	-	1 10=	-	-		-	-	1	3	
				3	2		1	1								1	3	
			C314.1	2	1	-		-	-	-	-	-	-	-	-	1	3	-
			C314.2	2	1	-		-	-	-		-		-	3-3	1	3	-
			C314.3	2	1	-		-	1 -		-0	-	-	2	-	1	3	-
49.	C314	ME6604	C314.4	2	1	-		-	1-	-	-1	-	-1	-1	-	1	3	-
			C314.5	2	1	-		-	-	-	- '	-	-	-	-	1	3	_
			C314.6	3	2		1	1	-	-	-	-	-	-	200	1	3	-
		IF		2	1		1	1	N.							1	3	
			C315.1	2	1	-		-	-	-	-	-	-	-	-	1	3	-
50.	C315	ME6004	C315.2	2	1	-		-	-	-	-	-	-	-	-	1	3	-
30.	C313	MEOUU4	C315.3	2	1	-		-	-	-	-	-	-	-	-	1	3	-
			C315.4	2	1	-		-	-	-	-	-	-	2	-	1	3	_

Principal

Karpega Virayinga College of Engineering and Technology Chinakolambakkam, I faduranthagam T.k. - 603 508 Changalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			C315.5	2	1	-	-	-	-	-	-	-	-	-	1	3	-
			C315.6	2	1	0-2	-	4-	2	-	-	-	-	·¥	1	3	-
				2	1									l. , li	1	3	
			C316.1	2	-	- 1	-	3	-	-	1	2	1	-	-	3	3
			C316.2	2	-	3 	-	3	-	-	1	2	1	-	-	3	3
			C316.3	2	-	25	8. 5. 1	3	-,	-	1	2	1		-	3	3
51.	C316	ME6611	C316.4	2	-	n=	(-	3	-	-	1	2	1	-	-	3	3
			C316.5	3	2	1		1	-	-	1	2	1	-	-	3	3
			C316.6	3	2	1	-	2	-	-	1	2	1	-		3	3
	5 = 1			2	2	1		3	E		1	2	1			3	3
			C317.1	3	2	2	2	3	3	3	3	3	3	3	3	3	3
			C317.2	3	2	2	2	3	3	3	3	3	3	3	3	3	3
			C317.3	3	2	2	2	3	3	3	3	3	3	3	3	3	3
52.	C317	ME6612	C317.4	3	2	2	2	3	3	3	3	3	3	3	3	3	3
	4.7		C317.5	3	2	2	2	3	3	3	3	3	3	3	3	3	3
			C317.6	3	2	2	2	3	3	3	3	3	3	3	3	3	3
	100			3	2	2	2	3	3	3	3	3	3	3	3	3	3
			C318.1	-	-	-	-	<u>-</u>	-	-	1	3	3	-	-	1	-
			C318.2	-	- 11	-	-	-	-	-	1	3	3	-	-	1	12
			C318.3	-	-	-	-	- 1	-	= 1	1	3	3	_	-	1	-
53.	C318	GE6563	C318.4	-	-	-	-	-	-	-	1	3	3	-	-	1	-
			C318.5	-	-	-	-	-	-	-	1	3	3	-	-	1	-
			C318.6	-	-	-	-	-	-	-	1	3	3	67	=	1	-
											1	3	3	7 1		1	
	18		C401.1	2	1					2					1	3	
			C401.2	2	1			-		2					1	3	
			C401.3	2	1				2	2	2		41		1	3	
54.	C401	ME6701	C401.4	2	1					2					1	3	71
			C401.5	3	2	7				2					1	- 3	
			C401.6	2	1					2					1	3	
				2	1				2	2	2		4		1	3	
	1-	5	C402.1	2	1	-	-	-	-	-1	-	-		-	1	3	-
55.	C402	ME 6702	C402.2	2	1			-	-	1	-	-	-	-	1	3	-
55.	C402	ME6702	C402.3	2	1	-		.	-	-	-	. =0		-	1	3	-
	100		C402.4	2	1	-	-		-	-	-	-		-	1	3	-

Principal ra Viczycza College of Enginearing and Technology Innalialambakkam, Maduranthagam T.N.-603 308

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			C402.5	2	1	-	-	-	-	-	-	-	-	-	1	3	-
			C402.6	3	2	1	1	E		-	-	-	-	-	1	3	-
			3	2	1	1	1								1	3	
	_ 11	1 12 1	C403.1	2	1	- 7	7.7	-	-	-		-	-	-	1	3	3
	7.61		C403.2	2	1	-	-	-		-	-	-	-	-	1	3	2
			C403.3	3	2	1	-	-		-	-	-	-		1	3	2
56.	C403	ME6703	C403.4	2	1	s -	-	- 1		-	-0	-	-	-	1	3	2
			C403.5	2	1	-		-	2	-	-	-	-	-	1	3	2
			C403.6	3	2	1	-	==	20	-	-	-	-	- 1	1	3	3
				2	1	1	-	-	2	-	-	-	-	-	1	3	2
		'	C404.1	2	N.				1		2			2	1	3	
			C404.2	2	1				1		2			2	1	3	-
			C404.3	2	1				1		2			2	1	3	
57.	C404	GE6757	C404.4	2					1		2			2	1	3	
			C404.5	2		1			1		2			2	1	3	
			C404.6	2					1		2			2	1	3	
				2	1				1		2			2	1	3	
		1	C405.1	2	1	-	-	-	-	-	-	-	-	3	2	3	-
			C405.2	2	1	-	-	-	-		-	-	-	3	2	3	-
			C405.3	3	2	1	-	-	-		-	-	-	3	2	3	-
58.	C405	ME6005	C405.4	3	2	1	-	-	-	-	-	-	-	3	2	3	_
			C405.5	3	2	1	-	-	-	-	-	-	-	3	2	3	-
			C405.6	3	2	1	1	-	-	-	-	-	-	3	2	3	-
				3	2	1	1	-	-	-	-	-	-	3	2	3	-
			C406.1	2	1				2	2					1	2	
			C406.2	2	1				2	2					1	2	
			C406.3	2	1				2	2		-			1	2	
59.	C406	ME6012	C406.4	2	1				2	2					1	2	
0.000			C406.5	2	1				2	2					1	2	
	0 =		C406.6	2	1	11			2	2					1	2	
A			- n	2	1				2	2					1	2	
		- 4	C407.1	2	1			2			1	2				3	3
	C407	ME(711	C407.2	3	2	1		2			1	2	.1			3	3
60.	C407	ME6711	C407.3	2	1			2			1	2				3	3
	140		C407.4	2	1			2			1	2				3	3

Marina

Principal

Kernega Vicayoga College of Engineering and Tachnology
Chianakolambakkam, Hadwanibagam T.k. - 603 308

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			C407.5	3	2	1		2			1	2				3	:
	· ·		C407.6	2	1	1		2			1	2			- 1	3	
				2	1	1		2			1	2				3	
	_ /		C408.1	2	1	14		2			1	2				2	
	7.3		C408.2	2	1			2			1	2				2	١.
			C408.3	2	1	3 1		2			1	2	7			2	
61.	C408	ME6712	C408.4	2	1			2			1	2				2	
	4.4		C408.5	2	1		-	2			1	2				2	
			C408.6	3	2			2	-0		1	2				3	
				2	1			2			1	2				2	
	11 1	Y	C409.1	2	21.9										3	2	
	111		C409.2	2	2	2	2					- 1			3	2	
			C409.3	2	2	2	2	2			2				3	2	
62.	C409	ME6713	C409.4	2					2	2	2	2		2	3	2	
			C409.5	2	2	2	2								3	2	Г
			C409.6	2	2	2	2	2	2	2	2	2	2	2	3	2	
8				2	2	2	2	2	2	2	2	2	2	2	3	2	
			C410.1	2	1									3	2	2	
			C410.2	2	1									3	2	2	
			C410.3	2	1	100								3	2	2	
63.	C410	MG6863	C410.4	3	2						r			3	2	2	
			C410.5	3	2									3	2	2	
			C410.6	3	2			11						3	2	2	
				3	2									3	2	2	
			C411.1	2	1									2	1	2	
			C411.2	3	2				- 1					2	1	2	Γ
			C411.3	2	1									2	1	2	
64.	C411	IE6605	C411.4	3	2		-							2	1	2	
			C411.5	2	1									2	1	2	
			C411.6	2	1	7								2	1	3	
				2	1									2	1	2	
	1 12	íu n	C412.1	2	1				1					4	1	3	
			C412.2	2	1				1						1	3	
65.	C412	ME6016	C412.3	2	1				1						1	3	
			C412.4	2	1				1	2			1		1	3	
	- 10		C412.5	2	1			_	1	2		_	-		1	3	

Main

Principal

Kerpaga Vicayoga College of Engineering and Technology

Chianakolambakkam, Maduranlingam T.k. - 603 308

Chengahattu District

36



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	11,		C412.6	2	1				1	3					1	3	
	91			2	1				1	2					1	3	
			C413.1	3	3	2	2	3	3	3	3	3	3	3	3	3	3
			C413.2	3	3	2	2	3	3	3	3	3	3	3	3	3	3
		6	C413.3	3	3	2	2	3	3	3	3	3	3	3	3	3	3
66.	C413	ME6811	C413.4	3	3	2	2	3	3	3	3	3	3	3	3	3	3
		100	C413.5	3	3	2	2	3	3	3	3	3	3	3	3	3	3
	. 11	1 1	C413.6	3	3	2	2	3	3	3	3	3	3	3	3	3	3
		1 2 1 1 II		3	3	2	2	3	3	3	3	3	3	3	3	3	3

Principal

Karpaga Vinayaga College of Engineering and Tachnology Chanalokambakkam, Fraduranihagam T.k - 603 308 Chanalokambakkam District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

		6					Cours	e-PO	and C	ourse	-PSO	Matrix	C .			
I.N 0.	Code	code	P01	P02	P03	PO4	P05	90d	P07	P08	60d	PO10	PO11	P012	PS01	PSO2
1.	C101	HS6151	0	0	0	0	0	0	0	0	2	3	0	1	1	0
2.	C102	MA615 1	3	2	1	0	0	0	0	0	0	0	0	1	1	0
3.	C102	PH6151	2	1	0	0	0	0	0	0	0	0	0	1	1	0
4.	C104	CY6151	2	1	0	0	0	0	1	0	0	0	0	1	1	0
5.	C105	GE6151	2	2	1	1	0	0	0	0	0	0	0	1	1	0
6.	C106	GE6152	3	2	1	1	0	0	0	1	1	2	0	1	2	0
7.	C107	GE6161	2	1	1	0	2	0	0	2	2	1	0	0	0	1
8.	C108	GE6162	2	1	0	0	1	0	0	2	2	1	0	0	2	0
9.	C109	GE6163	2	1	0	0	1	1	1	2	2	1	0	0	1	0
10.	C110	HS6251	0	0	0	0	0	0	0	0	1	3	0	1	1	0
11.	C111	MA625 1	3	2	1	0	0	0	0	0	0	0	0	1	1	0
12.	C112	PH6251	2	1	0	0	0	1	1	0	0	0	0	1	1	0
13.	C113	CY6251	2	1	0	0	0	1	1	0	0	0	0	1	1	0
14.	C114	GE6252	2	1	0	0	0	0	0	0	0	0	0	1	2	0
15.	C115	GE6253	3	2	1	1	0	0	0	0	0	0	0	1	3	0
16.	C116	GE6261	2	1	0	0	3	0	0	2	2	1	0	0	3	3
17.	C117	GE6262	2	0	0	0	0	0	0	2	2	1	0	0	1	0
18.	C201	MA635	3	2	2	1	0	0	0	0	0	0	0	1	1	0
19.	C202	CE6306	3	2	1	1	0	0	0	0	0	0	0	1	3	0
20.	C203	ME6301	3	2	1	1	0	0	0	0	0	0	0	1	3	0
21.	C204	CE6451	3	2	1	1	0	0	0	0	0	0	0	1	3	0
22.	C205	ME6302	2	1	0	0	0	0	0	0	no	00	70	1	3	0



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

23.	C206	EE6351	2	1	1	0	0	0	0	0	0	0	0	1	1	0
24.	C207	ME6311	2	2	1	0	2	0	0	2	2	1	0	0	3	0
25.	C208	CE6461	2	1	1	0	0	0	0	0	2	1	0	0	3	0
26.	C209	EE6365	2	0	0	0	0	0	0	0	2	1	0	0	1	0
27.	C210	MA6452	3	2	2	0	0	0	0	0	0	0	0	1	2	0
28.	C211	ME6401	3	2	1	0	0	0	0	0	0	0	0	1	3	0
29.	C212	ME6402	2	1	0	0	0	0	0	0	0	0	0	1	3	0
30.	C213	ME6403	2	1	1	0	0	1	1	0	0	0	0	1	3	0
31.	C214	GE6351	2	1	1	1	0	2	3	0	0	0	0	1	2	0
32.	C215	ME6404	3	2	1	1	0	0	0	0	0	0	0	1	3	0
33.	C216	ME6411	2	1	0	0	1	0	0	1	2	1	0	0	3	0
34.	C217	ME6412	2	2	1	1	1	0	0	1	2	1	0	0	3	0
35.	C218	CE6315	2	2	1	1	1	0	0	1	2	1	0	0	3	0
36.	C301	ME6501	- 2	1	0	0	1	0	0	0	0	0	0	1	2	3
37.	C302	ME6502	2	1	1	0	0	0	0	0	0	0	0	1	3	0
38.	C303	ME6503	3	2	1	0	0	0	0	1	0	0	0	1	3	3
39.	C304	ME6504	2	1	0	0	0	0	0	0	0	0	0	1	3	0
40.	C305	ME6505	3	2	1	1	0	0	0	0	0	0	0	1	3	0
41.	C306	GE6075	0	0	0	0	0	3	1	3	0	0	0	1	3	0
42.	C307	ME6511	2	1	0	0	1	0	0	1	2	1	0	0	2	0
43.	C308	ME6512	2	1	0	0	0	0	0	1	2	1	0	0	2	0
44.	C309	ME6513	2	1	0	0	0	0	0	1	2	1	0	0	2	0
45.	C310	ME6601	3	2	1	1	0	0	0	1	0	0	0	1	3	2
46.	C311	MG6851	- 0	0	0	0	0	1	0	3	0	0	3	1	1	0
47.	C312	ME6602	2	1	0	0	0	2	2	0	0	0	0	1	3	0
48.	C313	ME6603	3	2	1	1	0	0	0	0	0	0	0	1	3	0
49.	C314	ME6604	2	1	1	1	0	0	0	0	0	0	0	1	3	0
50.	C315	ME6004	2	1	0	0	0	0	0	0	0	0	0	1	3	0
51.		ME6611	2						153.1		1000					3
51.	C316	ME6611	2	2	1	0	3	0	0	1	2	1	0	0	3	

Principal

Karpaga Vinayaga College of Engineering and Technology Chianakalambakkam, I faduranthagam T.k. - 603 308 Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

52.	C317	ME6612	3	2	2	2	3	3	3	3	3	3	3	3	3	3
53.	C318	GE6563	0	0	0	0	0	0	0	1	3	3	0	0	1	0
54.	C401	ME6701	2	1	0	0	0	2	2	2	0	0	0	1	3	0
55.	C402	ME6702	2	1	1	1	0	0	0	0	0	0	0	1	3	0
56.	C403	ME6703	2	1	1	0	0	2	0	0	0	0	0	1	3	2
57.	C404	GE6757	2	1	0	0	0	1	0	2	0	0	2	1	3	0
58.	C405	ME6005	3	2	1	1	0	0	0	0	0	0	3	2	3	0
59.	C406	ME 6012	2	1	0	0	0	2	2	0	0	0	0	1	2	0
60.	C407	ME6711	2	1	1	0	2	0	0	1	2	0	0	0	3	3
61.	C408	ME6712	2	1	0	0	2	0	0	1	2	0	0	0	2	3
62.	C409	ME6713	2	2	2	2	2	2	2	2	2	2	2	3	2	2
63.	C410	MG686 3	3	2	0	0	0	0	0	0	0	0	3	2	2	0
64.	C411	IE6005	2	1	0	0	0	0	0	0	0	0	2	1	2	0
65.	C412	ME 6016	2	1	0	0	0	1	2	0	0	0	0	1	3	0
66.	C413	ME6811	3	3	2	2	3	3	3	3	3	3	3	3	3	3

Principal

Karpera Ynayr ga College of Engineering and Technology
Chicaelodembakkam, Madurenthagam T.k. - 603 308

Changebattu Dieloot

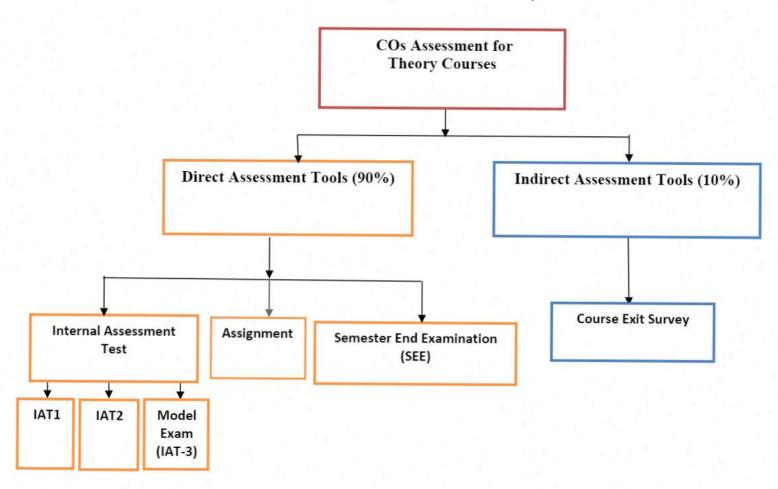


COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Course Outcome Assessment Processes

Course Outcome Assessment Framework for Theory courses



Principal

Karpaga Vinayoga College of Engineering and Technology
Chinakolambakkam, Haduranthagam T.k.-603 908

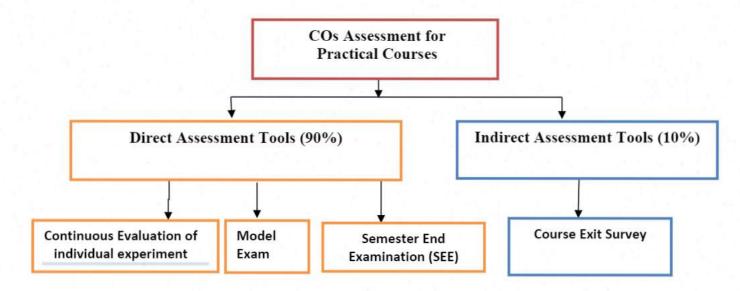
Chengolpottu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Course Outcome Assessment Framework for Practical courses



Principal

Kerpage Mnayage Collage of Engineering and Technology
Chinalokumbakkam, Haduranthagam T.k. - 603 308

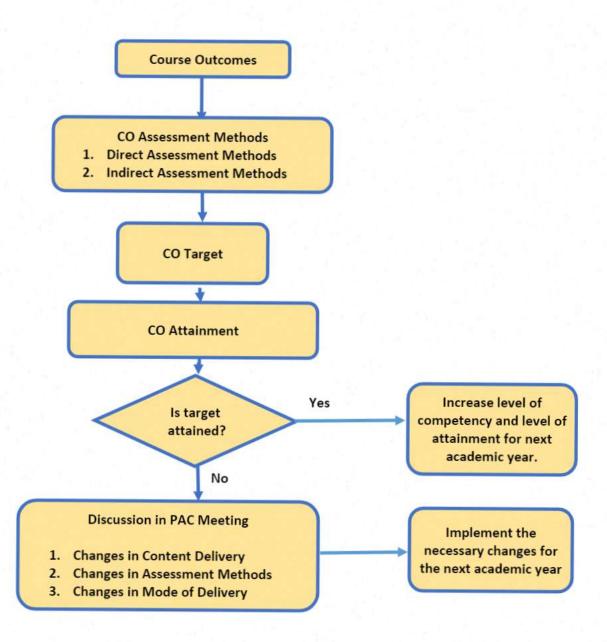
Chengabattu Diskisa



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Process of assessment and attainment of CO



Principal

Karpega Virguega College of Engineering and Technology
Chinasholambakkam, Maduranthagam T.K. - 603 308

Changalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Assessment Tools Used for Evaluation of Course Outcomes

Direct Assessment Tools:

		Theory Courses
Assessment Tool	Frequency	Method
Internal Assessment Test (IAT)	Two per semester	This performance assessment tool is used to evaluate attainment of COs through direct questions related to the specific topics covered during a designated period. The examination will be conducted for 90 minutes.
Model Exam	One per semester	The Model examinations is of 3hours duration and covers the entire syllabus of the course and satisfies all COs for the particular course.
Semester End Examination (SEE)	One per semester	The SEE is of 3 hours duration and covers the entire syllabus of the course and satisfies all course outcomes for the particular course conducted by affiliating University.

	Laborato	ry/Practical Courses
Assessment Tool	Frequency	Method
Continuous evaluation of all experiments	After each experiment	Ability of the students to analyze and interpret the results of experiments is continuously evaluated by the faculty during laboratory classes. Each and every experiment is focused in attaining the course outcomes of lab courses.
Model Exam	One per semester	The Model examinations is of 3hours duration and covers the entire syllabus of the course and satisfies all

Principal

page Viceyage College of Engineering and Technology
Chinal alambakkan, Fiedurentingsom T.K - 603 308

Changalpath District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	The same	COs for the particular course.
Semester End Examination (SEE)	One per semester	The SEE is of 3 hours duration and covers the entire syllabus of the course and satisfies all course outcomes for the particular course conducted by affiliating University.

Indirect Assessment Tools:

<u> </u>		All Courses
Assessment Tool	Frequency	Method
Course end survey	Once per semester at the end of the course	Towards the end of the course, course exit survey on a 5-point scale is conducted by the faculty member offering the course to obtain student feedback about attainment of Course outcome.

CO Attainment Calculation

CO Attainment	Weightage	Assessment Tools
		Continuous Internal Assessments (IAT), (20%)
Direct CO Attainment	90%	Semester End Examination (SEE) (80%)
Indirect CO Attainment	10%	Course Exit Survey
Overall CO Attainment	[Direct	Attainment*0.9 +Indirect Attainment*0.1]

Principal

Kerpera Verrynga Collega of Engineering and Technology
Chemakolambakkam, Haduranbugum T.k. - 603 308

Chemologathu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Calculation of Threshold Value

Sl.No	Sub Code	Subject	2011-15 Batch (A)	2012-16 Batch (B)	2013-17 Batch (C)	Average A+B+C/3	Fixed Threshold
1	HS6151	Technical English – I	47.59	49.50	35.90	44	50
2	MA6151	Mathematics – I	32.93	30.67	53.44	39	50
3	PH6151	Engineering Physics – I	37.24	32.50	55.90	42	50
4	CY6151	Engineering Chemistry – I	39.14	32.17	16.89	29	50
5	GE6151	Computer Programming	37.76	32.17	43.28	38	50
6	GE6152	Engineering Graphics	60.00	53.50	28.69	47	50
7	GE6161	Computer Practices Laboratory	59.31	82.33	86.23	76	85
8	GE6162	Engineering Practices Laboratory	80.00	79.00	79.02	79	85
9	GE6163	Physics and Chemistry Laboratory - I		84.33	81.80	83	85
10	HS6251	Technical English – II	63.97	53.33	44.75	54	55
11	MA6251	Mathematics – II	25.69	51.17	47.05	41	50
12	PH6251	Engineering Physics – II	34.83	42.46	61.48	46	50
13	CY6251	Engineering Chemistry – II	20.34	32.17	27.54	27	50
14	GE6252	Basic Electrical and Electronics Engineering	26.03	34.33	50.66	37	50
15	GE6253	Engineering Mechanics	46.55	39.00	37.21	41	50
16	GE6261	Computer Aided Drafting and Modeling Lab	74.31	87.33	84.59	82	85
17	GE6262	Physics and Chemistry Laboratory - II	75.34	63.67	91.80	77	80
18	MA6351	Transforms and Partial Differential Equations	42.53	51.47	40.46	45	50
19	CE6402	Strength of Materials	38.56	52.65	22.77	38	50
20	ME6301	Engineering Thermodynamics	32.15	30.59	17.08	27	50
21	CE6451	Fluid Mechanics and Machinery	25.56	53.82	8.46	29	50
22	ME6302	Manufacturing Technology - I	41.26	38.97	38.31	40	50
23	EE6351	Electrical Drives and Controls	38.46	25.29	49.38	38	50
24	ME6311	Manufacturing Technology Laboratory - I	82.46	83.38	86.62	84	85

Principal

Principal

space Viceyoge College of Engineering and Technology
Chanalolembalkam, Maduranthagam T.k - 603 308
Changolpath Disland



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	CE6461	Fluid Mechanics and Machinery					
25	The two	Laboratory	78.21	91.03	77.69	82	85
	EE6365	Electrical Engineering					
26	and the first	Laboratory	81.55	80.29	83.85	82	85
n n	MA6452	Statistics and Numerical					100
27	5,7 6.7	Methods	38.12	41.47	32.77	37	50
28	ME6401	Kinematics of Machinery	23.78	26.32	17.38	22	50
29	ME6402	Manufacturing Technology- II	35.62	34.41	30.92	34	50
U -	ME6403	Engineering Materials and		,51	1100		
30		Metallurgy	35.67	33.82	40.31	37	50
	GE6351	Environmental Science and					
31	111,	Engineering	23.28	35.44	47.85	36	50
32	ME6404	Thermal Engineering	36.87	32.50	30.00	33	50
	ME6411	Manufacturing Technology					
33		Laboratory-II	81.24	80.59	88.00	83	85
- 1	ME6412	Thermal Engineering Laboratory			-1 V		
34		- I	87.46	91.32	83.54	87	85
35	CE6401	Strength of Materials Laboratory	85.57	73.09	88.15	82	85
36	ME6501	Computer Aided Design			31.75	31	50
37	ME6502	Heat and Mass Transfer	28.42	25.15	34.60	29	50
38	ME6503	Design of Machine Elements	22.69	33.24	34.13	30	50
39	ME6504	Metrology and Measurements	35.90	31.47	32.06	33	50
40	ME6505	Dynamics of Machines	30.00	28.38	31.27	30	50
	GE6075	Professional Ethics in				*	
41		Engineering			55.71	55	60
42	ME6511	Dynamics Laboratory	79.25	74.12	88.89	81	85
	ME6512	Thermal Engineering					===
43		Laboratory-II	85.61	92.35	88.41	89	90
	ME6513	Metrology and Measurements				46 -7	
44		Laboratory	70.00	80.15	88.10	79	85
45	ME6601	Design of Transmission Systems	30.30	26.32	50.79	36	50
46	MG6851	Principles of Management	47.42	39.41	51.59	46	50
47	ME6602	Automobile Engineering	40.45	29.41	50.79	40	50
48	ME6603	Finite Element Analysis	40.00	24.26	52.54	39	50
	ME6604	Gas Dynamics and Jet		24		V	
49		Propulsion	39.09	42.50	33.02	38	50
50	ME6004	Unconventional Machining	51.21	53.09	62.38	56	60

Mount

Principal

Lergere Mnaynga College of Engineering and Technology
Chanalolumbakkam, Maduranthagam T.k - 603 508

Changlipattu District

4/



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

	X X	Processes	- 1 1 1				
51	ME6611	C.A.D. / C.A.M. Laboratory	61.49	71.03	76.98	70	85
52	ME6612	Design and Fabrication Project	89.24	87.65	82.22	86	90
53	GE6563	Communication Skills - Laboratory Based	77.42	78.68	79.68	79	85
54	ME6701	Power Plant Engineering	35.91	34.41	53.33	41	50
55	ME6702	Mechatronics	17.27	36.47	62.86	39	50
56	ME6703	Computer Integrated Manufacturing Systems	31.06	39.12	52.70	41	50
57	GE6757	Total Quality Management	56.67	38.68	54.29	50	50
58	ME6005	Process Planning and Cost Estimation	33.94	46.18	56.03	45	50
59	ME 6012	Maintenance Engineering	46.36		58.41	52	50
60	ME6711	Simulation and Analysis Laboratory	78.03	78.47	80.38	79	80
61	ME6712	Mechatronics Laboratory	92.58	88.68	95.40	92	95
62	ME6713	Comprehension	99.24	94.33	100.00	98	85
63	MG6853	Engineering Economics	52.42	59.55	54.76	56	60
64	IE6605	Production Planning and Control			60.63	60	60
65	ME6016	Advanced I.C. Engines	44.70	48.66	54.60	49	50
66	ME6811	Project Work	86.82	95.67	100.00	94	85

Principal

Karpaga Vinayinga College of Engineering and Technology
Chinakolambakkam, Lindurambingam T.k. - 503 308

Changalpathu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Attainment Level Vs Target

For Direct Attainment:

For Theory Courses:

Attainment Level 1: 30% to 40% of students scored more than or equal to 'threshold value'

Attainment Level 2: 41% to 60 % of students scored more than or equal to 'threshold value'

Attainment Level 3: more than 60% of students scored more than or equal to 'threshold value'

For Laboratory/Project Courses:

Attainment Level 1: 50% to 60% of students scored more than or equal to 'threshold value'

Attainment Level 2: 61% to 70 % of students scored more than or equal to 'threshold value'

Attainment Level 3: more than 70% of students scored more than or equal to 'threshold value'

For Indirect Attainment:

For Graduate Exit Survey:

Attainment Level 1: 70% to 75% of students should select 'Excellent or Very Good'

Attainment Level 2: 76 % to 80% of students should select 'Excellent or Very Good'

Attainment Level 3: more than 80% of students should select 'Excellent or Very Good'

Principal

Kepera Virgings College of Engineering and Tachnology
Chimalolambakkam, I featureathingsm T.k. - 600 308

Chamalolambakkam, I featureathingsm T.k. - 600 308



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Internal Assessment Test Marks

			N	lax Mai		leren.	Assessin	50 cent 1	1			Max !	Marks		nal 4	ssessn	50 nent				Max M	arks	1				lodel	100	0			
		REG. No/Q. no	1	2 3	_		6		7		8 1	2	3	4 5	1	6		7	_	8 1	2 1	4 5	6	7 8	9	10	11	12			-	5
1	Student Name	co	COI	100	000			(T)=(H)h(i)	CO2	202	89	CO3	2 3	a			6 5 5 5	b(ii)	9 5	CO1	203	503	ž ž	500	500	a b	200		b a		h
		Max. Mortes	-	2 2	_	_		6		7	14 2	_	_	2 2	_			7 6		4 2		2 2	2	2 2	_	_	13 13	13		13 13	_	-
A	A IIRA	421216114001	1	1 1	-			3 3	_		5 1	-	1	1	5		-	3	-	7 2	2 1	2 2	1		-	-	7	8	1	6	7	
A	KASII V	421216114003	1	1 1	1	1	5		4	2	6 2	2	1	2 1	5		5	2	-1	2 2	2 2	1 2	1	2 1	2	1	8		5 8		9 6	
_	MIT KUMAR A	421216114004	2	2 2				4 9			13 2	-	2	2 2		1000		5	_	1 2	2 2	2 2	_	2 2	_	_	11	\rightarrow	1 7		12 9	П
_	NAND S N	421216114005	2	1 2			_	2 2			1	1	1	1		-		3	-	8 1	2 1	2	+-	2	+	\rightarrow	6	_	7 7		5 7	Ш
_	VANTHAN A	421216114007			2	_		2 3			8		2	1 2	-	177	9	4	_	1 1		2	_	1 2	_	2	8	-	7 9		5 7	Н
_	RAVIND G RAVIND V	421216114008	2	2 2	2			4 3		2	8 2	2	2	1 2		1.00		3	_	1	2	1 2	-	1	+	1	3 8	8	11		7 7	7
	RAVINDAN G	421216114010	+	2 1	1377	12.6	100000	2 3			12 1		2	1 2	7	12022	13	2		9 2	1	2	2	2 2	74	2	11	1	11	8 8		2
	RUMUGASAMY G	421216114011	ì	2 1		10.1	. X 5	3 1			12	2	1	2	88		2		1 1	Sc 320	1 2	2	2000	2 2		1999	1	11		5 8		ij
	RUNACHALAM S	421216114012	i	1 1	-	1000	33	4			8	2	1	- 5	7			4	100	5	1 2	1 -	1	2	1	~	9	8		8 5		1
1 Al	RUN KUMAR P	421216114013	1	1	1	1	6	3 2	2		11 1			1 2				5	6 9	9	1	1	1	1	2	2	8	5		12 7		8
A	VINASII M	421216114014	1	1 1	2	1	6	4 2	3	s-15	14 2	2	2	2 2	7		3	3		9 2	2 1	2 1		2 1	2	2	1	8		7 6	7	
	IARATIII N	421216114015	2	2 2	1	2	7	5 1	1		12 2	2	1	2	8			2	- 1	2 2	2 2	1 2		2 1		2	11	12		9 8	8	
_	TATCHANA MOORTHY	421216114016	2	1 2	-1	2		4 4		6 6	11 1	2		1 2	_		5	3	- 1	1 2		1 2		- 1		8	9	7	б	8	1	
	NESH D	421216114017	1	1 1	1.	-		4 3			14	2	1.	1	1000	-	-	4	_	9 2	1	1	1	- 1		2	8	9	12	-	9	Ш
_	NESH N	421216114018	2	2 2	-		5		3	2	12	1		2		-	-	2	_	8	2	1		1		1	7	ťi .	8	8	7	
- (())	NESH T	421216114019	1	- 1	2	_	7		- 1	2	11	1	2	2	-	-	_	5		3 2	2 2	2	1	2 2	-	-	11	12	9	8		7
	NESHKUMAR R ON BOSE L	421216114020	2	2 2 2	0.000	1,533	6		5	1	13 2 13 2	0.5552	112	2 1 2	7		5	4		1 2	2 2 2 2	2 2 I	1	1 2 1	2 2	2	1	8	8	7		1
	ON BOSE I OKULKUMAR A	421216114021	2	2 2	12	1 - 2	7	3 3	126	7	9 1	1	4	2 2	100		82 6	4 4	1	20 10	2 2	1 1	2	2 1	1	2	7	8	12 11	8	W	11 8
	ARISHA K	421216114022	2	2 1	2	WE 2	9.1	3 3			9 1	2	2	2 2		1288	(C)	4 3	156	1 2	2 2	2 1	1555	1 2	157	- 3	11	12	8	8	- 4	8
	ABILAN P	421216114024	î	2 2		355 3	87	4 3			14 2	5 33	26.	2 2	9	1888	200	4	5.7	1 2	2 2	2 2	2.3551	2 1		0.55	12	11	9		11 9	
	ALAIYARASAN K	421216114026	1	1 1	2		11 2	4 4			12	2	1					4	100	9 2	1	2 2		1 2	10000	196	9	8	8		6 1	
	ARTHICK S	421216114028	2	2 1	1	-	-	3 1	-		12 2	-		2 1	+	-	-	3	_	3	2 1	2	_	2	-	-	11	9	1		5 11	
-	AVIARASANMK	421216114029	1	1 1	2	_		4 2	_		13		1	2	-		5	1		2 2	1	2 1		2	2	1	1	8	12		7 12	П
KI	ESAVAN S	421216114030	2	2 2	2	2	6	5 3	3		13 2	2	2	2 2	8		6	3	- 1	1 2	2 2	2 2	2	2 2	- 1	2	11	1	- 1		12 11	П
K	RISHNARAJ B	421216114031	2	2 2	2	2	7	4 4	1		12 2	2	2	2 2	7		5	4	1	1 2	2 2	1 2	2	1 2	2	2	12	12	- 11		1 5	
K	JMARAN A	421216114032	2	2 2	2	2	5	- 34	.5	2	13 2	2	2	2 2	8		6	3	1	1 2	2 2	2 2	2	2 2	2	2	1.3	21		4 12	. 5	
M	AHARAJAN D	421216114034	2	1 2		2	1		- 4	4	12 1	1		1 2	7		5	1		1 2	1	2	7	2	2		12	11		1 1	9	П
	ANIKANDAN V	421216114035	2		1		2		1	2	9 2	2000		2	5			2	2 1	38 O. I	2 1	2	2	1	12500		5	4		3 2	1	
	AVIN A	421216114036	1	1	2		6		4	2	12 2		200	2	1			5	3 1	25	2 1	2	1	2	2	1	5	6		9 8	3	
	UGUNTHAN S	421216114038	2	2 2	200	1000	2		4	3	13 1		227	1 2	1998			5		9 2	2 2	2 2	2	2 1	2	2	1	11		12 1	9	
	UKUNTHAN S	421216114039	1	2	1	2		4 4			12	1	2	2	133			5	1	471	1 2	1		2	2			1		11 12	1	
_	URALIDIIARAN V	421216114040	-		1	-	_	2 3	-		11 1	1	-	1 2	8	-	-	3	3 1	2		1	2		1	-	- 5	6	8	7	9	Н
_	ARESHP	421216114041	2	2 2	-	2		5 2		-	13 2	_	_	2 2			-	4	_	2	2 2	2 2	_	2 2	_	2	1	12	13	100	7	\vdash
_	ATARAJAN C ETHAJI M	421216114042	2	2	1	2		3 4	_	- 0	13 2 12 1	2	2	2 2	7	_	-	3		1 2	1 2	2 2	_	2 2	-	2	- 11	9	6	5	7	\vdash
_	SHANTH GANDHI N	421216114044	- 2		2			3 3			11 1	1	2	1 2	4	_	-	3	1		2	1 2	_	2 2	-	1	8	5	6	9	7	\vdash
_	THYANANDHAM A	421216114045	1	2 2	-	_	_	4 4	_		12 1	2	2	1	7	_	6	1	_	1 2	2 2	2 1	2	1:	2	1	8	8	9	7	7	\vdash
	ADMANABAN P	421216114046	1	1	1	_		5 4	_		11	1	-	. 1	5	_	-	3		5	2	1	-	1	2	2	7	4	5	8	8	H
	ANNEER SELVAM R	421216114047	2	2	100	907		1 4	1		13 2	130	1	2	5		99. I S	3		2	2 1	2	2	1 2		2		100	1 8	9	- 8	9
111	ADEEP R	421216114048	1	2 1	1	1	4	3 3	3		11 1		883	1 2	8		76	4	1	1 2	2	1 2	1000	1 1		2			2 8	. 5		6
P	CASANNA C	121216114049	2	2 2	2	2	1	1 2	2		12 1	1	2	1 2	5		3	3		5 1	2	1	2	1	2	34	7		6 1	8		7
4 PF	KATILAP D	421216114050	100	1 1	2	1	4	1 4	4		1 1		1925	1 2	100	6	5	5	- 1	1	2	2 1	3.50	2	1	2	5		6 8	***		1
PF	LAVEEN P	421216114051	2	2 2	1	2	5 .	4 2	2		11 1	2	2	1 2		7	5	3	1	1 2	2	1	2	2	1		7		5 8	9		1
	RAVIENKUMAR A	421216114052	2	2 2	_	_		4 4	_		12 2	-	_	2 1	-		-	4	- 1	3 2	2 2	2 2	1	2 1	2	1	11	5	1	8		8
	RAVIEN KUMAR J	421216114053	2	1 1	2	_		4 3			12 2	2	_	2 2	+	-	-	3	_	2	2		1	2	2		5	11	9	1	7	\rightarrow
	NJA R	421216114054		3	1	_		2 4	_		8 1		_	1	6	_	-	3		9		1	_	- 1				\sqcup	- 1			\sqcup
	AJESH K	421216114055	2					5 3	_			-	_	2 2	-	_	5	4	_	_	2 2	_	+	2 2	2	_	11	12	13		12 1	\vdash
	SHITH ABINASH A	421216114057	Н		1	_	_	+	3	4	13 2	_	_	2 1	8	-	4	1	_	1 2	1	2	1	2	1	2	1	8	. 9	-	9 7	Н
	M VINESTON INTHAN S	421216114059 421216114060	,	2	2		6 7		5	2	12 2 11 2		- 1	2 1 2 1				3	1		1 2	1	100	1	1	,	5	fi 8	8		7 8	
	THISH KUMAR V	421216114061		2	2		7		2	3	11 2		- 1	2 1	5		0	3	1 1	3 2	1 2	2 2	2 2			1 2	8	9	7	1 _	1 1 8 8	ш
	THISHWARAN P	421216114062	١,١	-	2		6		1	3	1 1		- 1	2	8	1		2	3 5		1	1		1 2		1	8	9	7		8 6	Ш
	VITIRIYAN K	121216114063		1		1	5		2	2	1 1		- 1	1 1				3	3		2	2		1 2		2	9	7	8		5 2	
	LVAGANESII M	421216114064	2	2 1				4 4		-	14 2		- 1	2 2				5	1 :		2 2	1 2		2 1			1	6	8	9	7	
SI	IEIK FARUK S	421216114065	1	2	2	_		3 4	1		12 1		_	1 2				4	4		2	2	1	- 1	-	2	1	8	5	9	7	
ST	IYAM SUNDAR K	421216114066		1	2	_	_	3 4	1		8	2	1	2				4	1 3	R	1		1	1	_	1	1	5		2	4	
SI	BUNT	421216114067	2	1 2		2	7. 4	4 3	3		11	1	2	1	8		5	3		2	1 2	.1	2	- 1	2		8	9	4	- 5	7.	
SF	VANESAN K	421216114068	1	2	2	- 2	4 4	4 4			12 2	2	2	2 1	8		5	3	- 1	1 2	2 2	1 2	1	2 1	2		L	2	4	8	8	
	NDARA MANIKANDAN		1	2		_	_	3 3	_		12 2	_	-	2 1	-		_	3		E .	4	2 1	2		L	\rightarrow	8	9	2	7	7.	П
	RYA N	121216114071	1	2 1	2			4 3			14 2		- 1	2 2				4		1 2	2 2	1 2		2 1			1	5	8	9	7.	
	RYA S	421216114072	2	1 1				3 3			13 1			1	8		- 1	2		1 1	2	1		1 2			8	9	.7	8	8	Ш
	RYA PRAGASH P	421216114073	2	2 2				4 4			14 1	1	- 1	1 2				4		3 2	2 2	2 1		2 1		- 1	8		9 7	5	8	Ш
	TED ABUTHALIER S	421216114074	2	2 2				4 3			12		1	1	7			3		5	2	2		2	2		8		9 1	11	11	
	LLINNARASU K	421216114075	55.1	2 2		135	C.332	5 1			12 2		- 1	2 2				6		1 2	2 2		2	2 2		5.7	11		1 12	1	9	
	GNESII A		-	1 2		_	_	4 3	_	H	12 1	_	_	1 2		-	_	3	_	2 2	2 2	2	-	1 2		_	1	-	5 1	11	7	Н
	JAY M	421216114078	2	2 2	-			5 2	_	H	12 2	2	2	2 2	_		_	6	_	1 2	2 2	_	-	2 1	-	_	11	-	12 9	1	1	0
	JAY SARATIII S MALRAJ R	421216114080 421216114082	2	_	2		7	_				2	2	2	8	-	6	4	_	1 2	2 1	_	-	2 1	1	2	8	13		13 11	_	8
	NOTH KUMAR M	421216114082	2	4 4	1	1		7 4		H	13 2	_	-	2 2	6			3		1 2	2 2	2 2	1	2	10	_	8	8	-	9 7		5
	ARUDEEN R	421216114083	2	1	1	_	_	1 2		H	9 2	_	_	2 1	5		_	2		1 1	2 1	2	-	1	-	1	5	4	-	3	2	5
_	ALAKUMAR S	421216114301	1		+		_	5 1	_	H	8	2	1	-	6	-	-	1		7	4 1	1	2	1	-	+	2	8	_	5	2	3
	AMESH S	421216114303	2	1	1	- 5	- T	1 3			12 1		2	1	8		120	5	4 5	3.0	2 1	ı	-	1	1	2	8	5		2	7 7	Ш
	OHAMED KAJA BASHA		2	2 2	133	100 C	5	1 3	3	2	1 1	2	1	1	22	1 -		4	3 1	23	1 2	1 2		2	-	*	2	8	9	-	7 5	
	UKANDAMAN K	421216114305	100	2 2		1000 h	8		5		11 1		=:	1 2	1 65			6	1 :	100	2 2	1 2		2 1	2		1		8 9		5 2	
	MASUNDHARAM M	121216114306	100	2 2		1000	(a)	1 3			14 2	1 10000		2 1	100	1		5	3 5	70.	1	2		2 .	1	9 1	1		11 5	6	7	П
	The state of the s	421216114701		2 1				. 4		ıl	12 1			1 2	100	1		6	3 1		2 2			2 1	10.00		1		1 1	1		1 1



Attainment

KARPAGA VINAYAGA

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Consolidated CO Marks in Internal Assessment Test

SI			COI		Ĭ.	CO 2			Tot CO 3	al CO m	narks In L	CO 4		LA	CO 5			CO 6	
No	Student Name		Max			Max	Take 1		Max	24		Max			Max			Max	
1	AKASII A	Scored 24	Marks 42	% 57.14	Scored 22	Marks 42	52.38	Scored 17	Marks 42	40.48	Senreri 17	Marks 42	40.48	Spored 10	Marks 17	58,82	Spored 1	Marks 15	6.67
2	AKASH V	24	47		18	47	42.Hb	26	_	61.90	29	42	69.05	9	1/	52.94	12	15	
3	AMELIKUMAR A	30	42		27	42	64.29	31		73.81	36	12	85.71	13	17	76.47	13	15	86.67
5	ANAND S N ANANIHAN A	20	42	100000000000000000000000000000000000000	14	42	33.33	22	1,72.7	52,38	20	42	47.62	8	1/	47.06	9	15	100000000000000000000000000000000000000
6	ARAVIND G	18	42		30	42	47.62	20	_	57.14	16 26	42	38.10 61.90	9 8	17	52.94	11	15	
7	ARAVIND V	20	42	0.77	21	42	50.00	29		69.05	14	42	33.33	9	17	52.94	11	15	(C. C. C
8	ARAVINDAN G	26	42	100000000000000000000000000000000000000	22	42	52.38	26	1	61.90	26	12	61.90	10	1/	58.82	11	15	
10	ARUMUGASAMY G ARUNACHALAM S	17	42	40.48 52.38	23	42	54.76	23	42	50.00	26 19	42	45.24	13	17	76.47	1	15	
11	ARUN KUMAR P	22	42		21	42	50.00	19		45.24	26	42	61.90	12	17	70.59	1	15	
12	AVINASH M	18	42		31	42	/3.81	24	the state of the s	57.14	25	12	59.52	11	1/	64.71	1	15	
13	BHARATHIN	33	42	Say Victorian State	.31	42	73.81	27	500000	64.29	27	42	64.29	10	17	58.82	11	15	50/200300
14	DIIATCHANA MOORTHY DINESH D	27	42	52.38	26	42	69.05	22		52.38 61.90	26 19	42	45.24	9	17	52.94 64.71	11	15	73,33
16	DINESH N	23	42		25	42	59.52	20	Name	47.62	21	12	50.00	8	1/	17.06	,	15	16.67
17	DINESH I	28	42	66.67	32	42	76.19	25	1000	59.52	30	42	71.43	8	17	47.06	12	15	80.00
18	DINESUKUMAR R	22	42		30	42	71.43	29		69.05	26	12	61.90	5	17	29.41	1	15	-
19	GOKULKUMAR A	22	42	50.00	34	42	80.95 52.38	34		80.95 61.90	20	42	47.67	14	1/	64.71	11	15	73.33
21	HARISHA K	29	42		35	12	83.33	31	17	73.81	29	12	69.05	1	17	23.53	13	15	255-5-266
22	KARILAN P	31	42	/3.81	36	42	85./1	32	272	/6.19	33	42	/8.5/	13	1/	16.41	14	15	93.33
2.3	KALAIYARASAN K KARTHICK S	25	42	57.14 59.52	29	42	69.05 59.52	27		64.29 42.86	24 26	42	57.14	4	17	23.53	11	15	
25	KAVIARASAN M K	18	42	42.86	25	42	66.67	18		64.29	26	42	61.90 57.14	13	17	/6.47 88.24	12	15	80.00 6.67
26	KESAVAN S	32	12	/6.19	25	12	59.52	25		59.52	34	12	80.95	14	1/	82.35	1/1	15	93.33
27	KRISHNARAJ B	33	42	78.57	35	42	83.33	33		78.57	23	42	54.76	9	17	52.94	14	15	93.33
28	MAHAKAJAN D	33	42	/8.57 66.67	31	42	73.81	28 16		38.10	3/1	42	19.05	11	17	52.94 64.71	13	15	80.00
30	MANIKANDAN V	13	12	30.95	1/	42	40.48	1/	12	40.48	18	12	12.86	3	1/	1/.65	1	15	26.67
31	MAVIN A	19	42	45.24	25	42	59.52	19		45.24	28	42	66.67	R	17	47.06	11	15	73.3.7
33	MUGUNTHAN S MUKUNTHAN S	27	42	15.24	35	12	83.33	34		80.95	20	12	17.62	13	1/	/6.4/	14	15	93,33
34	MURALIDHARANV	14	12	64.29 33.33	23	42	50.00	27	42	64.29 57.14	18 26	42	42.86 61.90	3 10	17	17.65 58.82	12	15 15	80.00 53.33
3.5	NARESH P	23	42	54.76	35	42	83.33	37	42	88.10	22	42	52.38	11	17	64.71	11	15	73.33
36	NATARAIAN C	20	12	61.90	34	12	80.95	32		76.19	23	12	54.76	11	17	64.71	12	15	80.00
37	NETHAJI M NISHANTH GANDHI N	17	42	30.95 40.48	28	42	66.67	22 26	1475	52.38	20	42	47.62	9	1/	52.94	13	15	86.67
39	NITHYANANDHAM A	2/	42	64.29	32	42	57.14 /6.19	30	42	61.90 /1.43	21	42	50.00	10	17	47.06 58.82	1	15	6.67
40	PADMANABAN P	20	42	47.62	21	12	50.00	18	1000	42.86	21	42	50.00	12	17	70.59	9	15	7 27 22 22
41	PANNEER SELVAM R	15	42	35./1	23	42	54.76	24	42	57.14	29	42	69.05	11	1/	64./1	12	15	80.00
42	PRADLEP R PRASANNA C	15 22	42	35.71 52.38	21	42	50.00 61.90	74 19	_	57.14 45.24	25 21	42	50.00	8	17	47.06 52.94	12	15	46.67
44	PRATHAP D	14	42	33.33	16	42	38.10	21	42	50.00	19	47	45.24	4	17	23.53	12	15	80.00
15	PRAVEEN P	21	12	5/.14	23	42	54.76	28	42	66.67	28	42	66.67	2	1/	11./6	1	15	6.67
46	PRAVEENKUMAR A	30	42	71.43	28	42	66.67	>>	42	52.38	31	42	73.81	11	17	64.71	1	15	6.67
48	RAJA R	21 8	42	19.05	1.3	42	30.95	14	42	33.33	11	42	33.33	9	17	52.94 5.88	12	15	/3.33 80.00
19	RAIFSH K	33	12	18.57	35	42	83.33	35	42	83.33	33	42	18.57	5	1/	29.41	14	15	93.33
50	RISHITH ABINASH A	14	42	33.33	31	42	73.81	27	42	64.29	26	42	61.90	10	17	58.82	11	15	73.33
51	SAM VINESTON SANTHAN S	25	42	59.52	25	42	59.52 61.90	19		45.24 64.29	28	42	50.00	9	17	23.53	12	15	80.00
53	SATHISH KUMAR V	22	42		2/	42	64.29	25	42	59.52	28	42	66.67	11	1/	64./1	1	15	6.67
54	SATHISHWARAN P	16	42	38.10	16	42	38.10	21	42	50.00	25	12	59.52	7	17	41.18	12	15	80.00
55	SATHRIYAN K	20	42	7500923	13	42	30,95	21	1 1	50.00	14	42	33.33	4	1/	23.53	9	15	60.00
56	SHEK FARUK S	18	42	42.86 33.33	28	42	66.67	29		69.05 52.38	26 18	42	61.90 42.86	10	17	58.82	11	15	
58	SHYAM SUNDAR K	11	42	26.19	20	42	47.62	14	10000	33.33	14	42	33.33	6	1/	35.29	12	15	/3.33 80.00
59	SIBU NT	2/	42	64.29	27	42	64.29	23		54.76	11	42	26.19	9	1/	52.94	11	15	/3.33
60	SIVANUSAN K	16	42	38.10	23	47	54.76	26		61.90	28	4.7	66.67	10	17	58.82	11	15	
61	SUNDARA MANIKANDAN SURYA N	17	42	40.48	2/	42	69.05	20	The second second	47.62 61.90	31	42	73.81	10	17	52.94	11	15	/3.33 80.00
63	SURVA S	25	12	59.52	21	12	64.29	25		59.52	15	12	35./1	10	1/	58.82	12	15	80.00
64	SURYA PRAGASH P	26	42	61.90	35	42	83.33	28	42	66.67	28	42	66.67	10	17	58.82	1	15	6.67
65	SYED ABUTHAHIR S	25	42	59.52	29	42	69.05	16		38.10	25	42	59.52	13	1/	76.47	12	15	80.00
66	VIGNESH A	17	42	76.19 40.48	25 26	42	59.52 61.90	36 15	42	85.71 35.71	26 32	42	61.90	13	17	76.47	1.3	15 15	86.67 /3.33
68	VUAY M	32	42	76.19	34	42	80.95	33		78.57	25	42	59.52	2	17	11.76	13	15	86.67
69	VIIAY SARATHI S	21	12	57.14	30	12	71.43	26		61,90	26	12	61.90	10	17	58.82	12	15	80.00
70	VIMALRAJ R	16	42	80.95	38	42	90.48	37	11 to 11	88.10	31	42	73.81	4	1/	23.53	1	15	6.67
71	AZARUDEEN R	10	42	38.10	15	42	35.71 40.48	29	42	69.05 40.48	28 18	42	66.67 42.86	- G	17	35.29 41.18	12	15	80.00
73	BALAKUMAR S	11	12	26.19	17	12	40.48	23	12	54.76	11	12	26.19	<u> </u>	17	5.88	1	15	6.67
74	KAMESH S	23	42	54.76	22	42	52.38	20	42	47.62	22	42	52.38	11	1/	64./1	1	15	6.67
75	MUHAMED KAJA BASHA	20	42	47.62	17	47	40.48	23	42	54.76	21	47	50.00		17	29.41	12	15	80.00
76 77	FARANDAMAN K SOMASUNDHARAM M	18	42	42.86	30	42	76.19	29		69.05	21	42	54.76	10	17	23.53	12	15 15	73,33
78	DURAIYARASU C	20	12	17.62	24	12	57.14	25		59.52	22	12	52.38	11	1/	64.71	12	15	80.00
	Total No. of st			78			78			78	12		78			78		= 1	78
	No. of students sco % of students sco		71-27	43 55.13			60 76.92			56			48		1	49			51
	70 of students sco	. mig >= 5		22.13			10.32			71.79			61.54		- 1	62.82			65.38



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Consolidated CO Marks in Semester End Examination

		Semester End University	Max. Grade								Total	CO m	arks in	SEE							
SI	Student Name	Marks	Point - 10		CO 1			CO 2			CO 3			CO 4			CO 5			CO 6	
No	Student Name	Obtained Grade	Grande Polinis	Scored	Mux Grade points	96	Sporod	Mux Grade points	96	Scored	Mux Grade points	%	Scored	Mux Grade points	96	Scarad	Mux Grada points	96	1000 Control (1000)	Mux Grade points	96
1 2	AKASH A AKASH V	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
3	AMIT KUMAR A	c	7	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	0.00 1.17	1.67	70.0
4	ANAND 5 N	F	.5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83		50.00	0.83	1.67	50.0
6	ANANTHAN A ARAVIND G	r 1	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	-
7	ARAVIND V	E	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.6/	50.00	0.83	1.67	50.00	0.83		50.00	0.83	1.6/	
8	ARAVINDAN G	E	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.
10	ARUMUGASAMY G ARUNACHALAM S	U.	5	0.00	1.67	50.00	0.00	1.67	50.00	0.00	1.67	50,00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.1
11	ARUN KUMAR P	UA	U	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.83	1.6/	0.0
12	AVINASII M	C	7	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17		70.00	1.17		70.0
13	DHATCHANA MOORTHYS	C U	7	0.00	1.67	70.00	0.00	1.67	70.00	0.00	1.67	70.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	7.11.71	70.0
15	DINESH D	C	1	1.1/	1.67	/0.00	1.1/	1.6/	/0.00	1.1/	1.6/	70.00	1.1/	1.6/	70.00	1.1/	1.6/	70.00	1.17	1.67	70.0
16	DINESHA	U	O	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.67	0.0
17	DINESHKUMAR R	r		0.83	1.67	50.00	0.83	1.67	70.00	0.83	1.67	70.00	0.83	1.67	70.00	0.83		70.00	1.17		70.0
19	DON BOSE L	c:	1	1.17	1.67	/0.00	1.1/	1.67	70.00	1.1/	1.6/	70.00	1.1/	1.6/	70.00	1.17	1.67	20.00	0.83	1.67	70.0
20	GOKULKUMAR A	t)	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
21 22	HARISHA K KABILAN II	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.67	0.0
23	KAI AIYARASAN K	E	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83		50.00	0.83		50.0
24	KARTHICKS	C.	7	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17		70.00	1.17		70.0
2.5	KAVIARASAN M K	t)	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
26	KESAVAN S KRISHNARAHR	E	5	0.83	1.6/	50.00	0.83	1.6/	70.00	1.1/	1.6/	70.00	1.1/	1.6/	70.00	1.1/	1.6/	/0.00	1.1/	1.6/	70.0
28	KUMARAN A	ů –	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.83	1.67	0.0
29	MAHARAJAN D	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
30	MANIKANDAN V MAVIN A	UA	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.67	0.0
31	MUGUNTHANS	E U	0	0.83	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00		50.00	0.83		50.0
33	MUKUNTHAN S	F	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.00	1.67	50.0
14	MURALIDHARAN V	U	0	0.00	1.b/	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.0
35	NARESH P NATARAIAN C	D U	6	1.00	1.6/	60.00	1.00	1.6/	60.00	1.00	1.6/	60.00	1.00	1.6/	60.00	1.00		60.00	1.00		60.0
37	NETHALI M	n B	8	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
38	NISHANTH GANDHI N	г	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83		50.00	0.83		50.0
10	NITHYANANDHAM A	1	5	0.83	1.67	50.00	0.83	1.67	50.00	DERCS.	1.6/	50.00	0.83	1.6/	50.00	0.83	1.67	50.00	0.83	1.67	50,0
41	PANNETR SELVAM R	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.0
42	PRADEEP R	c.	7	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.0
4.3	PRASANNA C	U	()	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.67	0.0
44	PRAVECN P	UA E	5	0.00	1.67	50.00	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.6/	0.0
16	PRAVEENKUMAR A	ū	0	0.00	1.67	0.00	0.00	1.67	0.00	0.83	1.67	0.00	0.00	1.67	0.00	0.83	1.67	0.00	0.83	1.67	0.0
47	PRAVEEN KUMAR J	г	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	The State of	50.00	0.83	-	50.0
48	KAJA K		0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.67	0.0
19	RAILSH K RISHITH ADINASH A	E U	0	0.00	1.67	0.00	0.83	1.67	0.00	0.00	1.67	0.00	0.83	1.67	0.00	0.00	1.67	0.00	0.83	1.67	0.0
51	SAM VINESTON	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
52	SANIHAN S	17	0	0.00	1.67	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
53	SATHISH KUMAR V SATHISHWARAN P	F	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83		50.00	0.83		50.0
55	SATHRIYAN K	c	,	1.1/	1.6/	/0.00	1.1/	1.6/	/0.00	1.1/	1.6/	70.00	0.83	1.6/	70.00	1.17	1.6/	200	0.83		70.0
56	SELVAGANESH M	c	7	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17		70.00	1.17		70.0
57	SHEIK FARUK S SHYAM SUNDAR K	C.	7	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17		70.00	1.17		70.0
59	SIBU N I	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
60	SIVANI SAN K	E	5	0.83	1.67	50.00	0.83	1.67	50.00	0.00	1.6/	50.00	0.83	1.6/	50.00	0.83	1.67		0.00		50.0
61	SUNDARA MANIKANDAN	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
6.3	SURYA N SURYA S	C C	7	1.17	1.67 1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	70.00	1.17	1.67	_	1.17	1.67	
035Y	SURYA PRAGASH P	L	5	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83	1.6/	50.0
-	SYED ABUTHALIIR 5	E	5	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	1000	0.83	1.67	
66	TIENNARASU K VIGNESH A	F D	5	1.00		50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67		0.83	-	50.0
$\overline{}$	VIJAY M	L	5	0.83		50.00	1.00	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	_	0.83		50.0
59	VIIAY SARAHII S	E	5	0.83	7.000	50.00	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83	1.6/	100000000000000000000000000000000000000	0.83	1.6/	
-	VIMALRAL R	E	5	0.83		50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50,00	0.83	1.67	50.00	0.83	1.67	50.0
-	AZARUDEEN R	UA	5	0.00	1.67	50.00	0.83	1.67	50.00	0.83	1.67	50.00	0.83	1.67	0.00	0.83	1.67	0.00	0.83		50.0
1000	BALAKUMAR S	UA	o	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.00	1.67	0.00	0.00	1.6/	0.0
-	KAMESH S	U	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
_	MOHAMED KAJA BASHA S PARANDAMAN K	- 1	0	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.00	0.00	1.67	0.0
_	SOMASUNDHARAM M	Ü	0	0.00	1.67	0.00	0.00	1.6/	0.00	0.83	1.6/	0.00	0.00	1.6/	0.00	0.00	1.6/	0.00	0.83		50.0
78	DURAIYARASU C	Ł	Š	0.83	2000	50.00	0.83	1.67	50.00	0.83	1.6/	50.00	0.83	1.6/	50.00	0.83		50.00	0.00	1.6/	50.0
		al No. of stud			1	78			78			78		-	78			78			78
		udents scorir udents scorir				46			46			46			46			46			4
- 1	75 Of St	waterits scori	"B >=30			59.0			59.0			59.0			59.0			59.0			59.



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Indirect CO Attainment Calculation

Attainment Level	Target for Course Exit Survey
3	>=80% of the students have to select strongly agree or slightly agree
2	70-79% of the students have to select strongly agree or slightly agree
1	60-69% of the students have to select strongly agree or slightly agree

COs	Excellent	Very good	Good	Satisfactory	Poor	SUM (Total students)	SUM (Students who gave Excellent or Very good)	Attained Exit Survey %	Attainment Level
CO1	42	22	10	4	0	78	64	82.05	3
CO2	43	22	10	3	0	78	65	83.33	3
CO3	45	20	12	1	0	78	65	83.33	3
CO4	42	15	8	13	0	78	57	73.08	2
CO5	46	20	11	1	0	78	66	84.62	3
CO6	50	10	15	3	0	78	60	76.92	2

Principal

Kerpaga Vissynga College of Engineering and Technology
Chinal Stamboldem, Maduranthingson T.K. - 600 308

Chengalpattu District

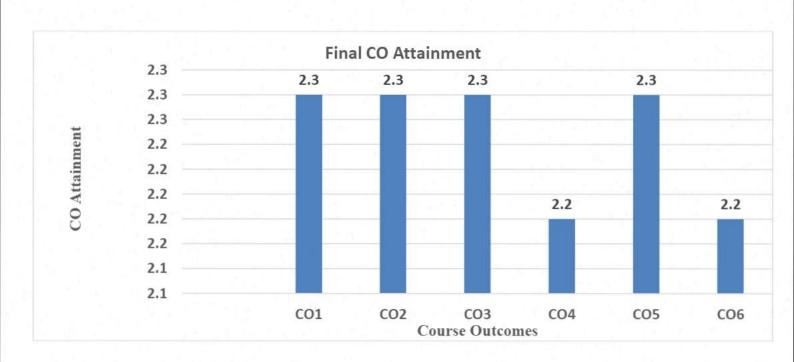


COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Final CO Attainment

	IAT	SEE	Direct Attai	nment	Indirect A	Attainment	Total A	Attainment
COs	100%	100%	A= (0.8 x SEE) + (0.2 x IAT)	B= 90% of A	C = Course Exit Survey 100%	D= 10% of C	E=B+D	% Attainment
CO1	3	2	2.2	1.98	3	0.3	2.3	76
CO2	3	2	2.2	1.98	3	0.3	2.3	76
CO3	3	2	2.2	1.98	3	0.3	2.3	76
CO4	3	- 2	2.2	1.98	2	0.2	2.2	73
CO5	3	2	2.2	1.98	3	0.3	2.3	76
CO6	3	2	2.2	1.98	2	0.2	2.2	73



Principal

Kepara Maganga College of Engineering and Technology

Kepara Maganga College of Engineering and Tik - 603 308



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

Program level CO Attainment for the Academic batch 2014-18, 2015-19, 2016-20

				Fixed	2014-	2018	2015-	2019	2016-	2020
Sl.No	Course Code	Sub Code	Subject	Threshold (Average results of three academic years)	% of attainm ent	Attai nme nt level	% of attain ment	Attai nme nt level	% of attain ment	Attai nme nt level
			IS	emester					-	
1	C101	HS6151	Technical English – I	50	77.23	3	73.91	3	71.08	3
2	C102	MA6151	Mathematics – I	50	41.63	2	50	2	50.6	2
3	C103	PH6151	Engineering Physics – I	50	78.22	3	43.48	2	81.93	3
4	C104	CY6151	Engineering Chemistry – I	50	68.32	3	61.96	3	80.72	3
5	C105	GE6151	Computer Programming	50	64.4	3	48.91	2	86.75	3
6	C106	GE6152	Engineering Graphics	50	46.53	2	70.65	3	85.54	3
7	C107	GE6161	Computer Practices Laboratory	85	99.01	3	86.96	3	81.93	3
8	C108	GE6162	Engineering Practices Laboratory	85	99.01	3	97.83	3	83.13	3
9	C109	GE6163	Physics and Chemistry Laboratory – I	85	99.01	3	94.57	3	98.8	3
			II S	emester						
10	C110	HS6251	Technical English – II	55	75.25	3	84.44	3	86.42	3
11	C111	MA6251	Mathematics – II	50	52.48	2	43.11	1	30.12	1
12	C112	PH6251	Engineering Physics – II	50	62.38	3	44.44	2	30.38	1
13	C113	CY6251	Engineering Chemistry – II	50	72.28	3	56.67	2	60.49	2
14	C114	GE6252	Basic Electrical and Electronics Engineering	50	46.53	2	54.44	2	49.91	2
15	C115	GE6253	Engineering Mechanics	50	62.38	3	46.67	2	43.21	2
16	C116	GE6261	Computer Aided Drafting and Modeling Lab	85	100	3	71.11	3	91.36	3
17	C117	GE6262	Physics and Chemistry Laboratory – II	80	100	3	95.56	3	91.36	3
				emester			H _E	4		
18	C201	MA6351	Transforms and Partial Differential Equations	50	30.1	1	45.36	2	63.64	3
19	C202	CE6402	Strength of Materials	50	55.17	2	70.1	3	55.68	2
20	C203	ME6301	Engineering	50	54.31	2	58.76	2	63.64	3

Changalpattu District

Principal pera Vicayoga Collega of Engineering and Tachnology Chianal olombakkam, Traduranthagam T.k - 600 S08



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

			Thermodynamics				1 1			
21	C204	CE6451	Fluid Mechanics and Machinery	50	58.62	2	45.36	2	67.05	3
22	C205	ME6302	Manufacturing Technology – I	50	59.48	2	41.23	1	67.05	3
23	C206	EE6351	Electrical Drives and Controls	50	43.03	2	78.35	3	90.91	3
24	C207	ME6311	Manufacturing Technology Laboratory – I	85	93.97	3	92.78	3	89.77	3
25	C208	CE6461	Fluid Mechanics and Machinery Laboratory	85	61.21	3	73.2	3	90.91	3
26	C209	EE6365	Electrical Engineering Laboratory	85	71.55	3	86.6	3	93.18	3
			IV Se	mester						
27	C210	MA6452	Statistics and Numerical Methods	50	63.48	3	45.26	1	43.68	1
28	C211	ME6401	Kinematics of Machinery	50	49.57	1	42.63	1	32.19	1
29	C212	ME6402	Manufacturing Technology- II	50	63.48	3	46.32	2	55.17	2
30	C213	ME6403	Engineering Materials and Metallurgy	50	67.83	3	61.05	3	72.41	3
31	C214	GE6351	Environmental Science and Engineering	50	61.74	3	63.16	3	52.87	2
32	C215	ME6404	Thermal Engineering	50	46.96	2	42.37	1	50.57	2
33	C216	ME6411	Manufacturing Technology Laboratory–II	85	86.09	3	85.26	3	98.85	3
34	C217	ME6412	Thermal Engineering Laboratory – I	85	90.43	3	69.47	3	98.85	3
35	C218	CE6315	Strength of Materials Laboratory	85	76.52	3	71.58	3	96.55	3
			V Ser	mester						
36	C301	ME6501	Computer Aided Design	50	74.78	3	66.67	3	40.48	2
37	C302	ME6502	Heat and Mass Transfer	50	58.26	2	52.69	2	45.24	2
38	C303	ME6503	Design of Machine Elements	50	65.22	3	51.61	2	31.23	1
39	C304	ME6504	Metrology and Measurements	50	83.48	3	72.04	3	34.56	1
40	C305	ME6505	Dynamics of Machines	50	60.87	3	48.39	2	30.06	1
41	C306	GE6075	Professional Ethics in Engineering	60	66.09	3	65.59	3	63.1	3
42	C307	ME6511	Dynamics Laboratory	85	97.39	3	77.42	3	83.33	3
43	C308	ME6512	Thermal Engineering	90	79.13	3	77.42	3	98.81	3

Principal

Kerpega Visayaga College of Engineering and Technology Chianakalambakkam, Haddashihagam T.k. - 603 308 Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			Laboratory-II				1 1			
44	C309	ME6513	Metrology and Measurements Laboratory	85	92.17	3	92.47	3	84.52	3
		The state of the s	VI Se	mester						1.10
45	C310	ME6601	Design of Transmission	50	50.26		54.64		10.04	
	C311	MG6851	Systems	50	58.26	2	51.61	2	48.81	2
46	C312	ME6602	Principles of Management	50	75.65	3	44.09	2	58.33	2
47	C312		Automobile Engineering	50	79.13	3	55.91	2	63.1	3
48	144551240	ME6603	Finite Element Analysis	50	62.61	3	43.33	1	31.05	1
49	C314	ME6604	Gas Dynamics and Jet Propulsion	50	66.96	3	41.94	2	31.57	1
50	C315	ME6004	Unconventional Machining Processes	60	84.35	3	61.29	3	71.43	3
51	C316	ME6611	C.A.D. / C.A.M. Laboratory	85	86.09	3	73.12	3	98.81	3
52	C317	ME6612	Design and Fabrication Project	90	99.13	3	100	3	97.62	3
53	C318	GE6563	Communication Skills - Laboratory Based	85	95.65	3	98.92	3	78.57	3
B 1			VII Se	mester						
54	C401	ME6701	Power Plant Engineering	50	80.7	3	52.08	2	*	×
55	C402	ME6702	Mechatronics	50	79.82	3	75	3	*	×
56	C403	ME6703	Computer Integrated Manufacturing Systems	50	69.3	3	70.83	3	*	×
57	C404	GE6757	Total Quality Management	55	78.07	3	62.5	3	*	*
58	C405	ME6005	Process Planning and Cost Estimation	50	61.4	3	55.21	2	*	*
59	C406	ME 6012	Maintenance Engineering	55	82.46	3	65.63	3	*	*
60	C407	ME6711	Simulation and Analysis Laboratory	90	87.72	3	66.67	3	*	*
61	C408	ME6712	Mechatronics Laboratory	95	92.98	3	61.46	3	*	*
62	C409	ME6713	Comprehension	95	100	3	100	3	*	*
	V =		· · · · · · · · · · · · · · · · · · ·	mester	250		130			
63	C410	MG6853	Engineering Economics	60	71.93	3	62.5	3	*	*
64	C411	IE6605	Production Planning and Control	60	84.21	3	71.88	3	*	*
65	C412	ME6016	Advanced I.C. Engines	50	77.19	3	71.88	3	*	*
66	C413	ME6811	Project Work	95	94.74	3	97.92	3	*	*

Principal

pera Virginga College of Engineering and Technology Chanalolembakkam, Maduranbagsan T.K. - 603 308 Changelpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

* - Attainment of Course Outcomes (VII and VIII SEM) (2016-2020 batch)

Course Code	Sub Code	Subject	COs	Attainment Percentage	Attainment level
			C401.1	76.00	2.28
	The said for	80	C401.2	73.33	2.36
C401	ME6701	Dower Blant Engineering	C401.3	76.00	2.28
C401	IVIEO/OI	Power Plant Engineering	C401.4	72.00	2.16
			C401.5	73.33	2.36
i in	9		C401.6	72.00	2.16
	1		C402.1	76.00	2.28
	the state of	the first of the second	C402.2	73.33	2.20
C402	ME6702	Mechatronics	C402.3	76.00	2.28
C402	IVIEO702	Mechatronics	C402.4	72.00	2.16
			C402.5	73.33	2.20
2-16			C402.6	72.00	2.16
		gradient in the second	C403.1	57.33	1.72
			C403.2	52.00	1.56
C403	ME6703	Computer Integrated	C403.3	57.33	1.72
C403	IVIE6703	Manufacturing Systems	C403.4	50.67	1.52
			C403.5	57.33	1.72
	7 - TO . W	6 17 June 1	C403.6	50.67	1.52
			C404.1	76.00	2.28
			C404.2	73.33	2.2
C404	GE6757	Total Quality Management	C404.3	76.00	2.28
C404	GE6/5/	Total Quality Management	C404.4	72.00	2.16
			C404.5	68.00	2.04
			C404.6	72.00	2.16
			C405.1	76.00	2.28
			C405.2	76.00	2.28
C405	ME6005	Process Planning and Cost	C405.3	76.00	2.28
C403	IVIEGUUS	Estimation	C405.4	72.67	2.18
			C405.5	76.00	2.28
	, 18 ⁴ 1 , 1 m		C405.6	72.67	2.18
C406	ME6012	Maintenance Engineering	C406.1	76.00	2.28

Principal

pega Viroynga College of Engineering and Technology Chianalolambakkam, Madurenthagam T.k - 603 308 Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

			C406.2	73.33	2.2
	30 P. S.		C406.3	76.00	2.28
			C406.4	72.00	2.16
			C406.5	68.00	2.04
	Note that the	P. L. 1	C406.6	72.00	2.16
	A = 2-	tyre a to the state of the stat	C407.1	100.00	3
			C407.2	100.00	3
C407	ME6711	Simulation and Analysis	C407.3	100.00	3
C407	IVICO/11	Laboratory	C407.4	93.33	2.8
			C407.5	100.00	3
			C407.6	93.33	2.8
	15 (5)		C408.1	100.00	3
	5 - 6 - 67		C408.2	100.00	3
C408	ME6712	Machatronics Laboratory	C408.3	100.00	3
C408	IVIEO/12	Mechatronics Laboratory	C408.4	93.33	2.8
			C408.5	100.00	3
			C408.6	406.3 76.00 406.4 72.00 406.5 68.00 406.6 72.00 407.1 100.00 407.2 100.00 407.3 100.00 407.4 93.33 407.5 100.00 407.6 93.33 408.1 100.00 408.2 100.00 408.3 100.00 408.4 93.33 408.5 100.00 409.1 100.00 409.2 100.00 409.3 100.00 409.4 93.33 409.5 100.00 409.6 93.33 409.7 100.00 409.8 100.00 409.9 100.00 409.1 100.00 509.6 93.33 100.1 57.33 100.2 52.00 100.5 52.00 100.6 50.67 11.1 57.33 11.2 52.00 11.3 57.33	2.8
			C409.1	100.00	3
	12 12		C409.2	100.00	3
C409	ME6713	Comprehension	C409.3	100.00	3
C409	IVIEO/13	Comprehension	C409.4	93.33	2.8
			C409.5	100.00	3
	£ 5,13		C409.6	93.33	2.8
	Flore of 1		C410.1	57.33	1.72
	1		C410.2	52.00	1.56
C410	MCGOES	Engineering Community	C410.3	57.33	1.72
C410	MG6853	Engineering Economics	C410.4	50.67	1.52
	1 1	200	C410.5	52.00	1.56
			C410.6	50.67	1.52
y 1 g 30			C411.1	57.33	1.72
			C411.2		1.56
C411	IF6605	Production Planning and	C411.3	View enterties	1.72
C411	IE6605	Control	C411.4		1.36
		18 % 31 1 2 13.1	C411.5		1.56
			C411.6		1.52

Main

Principal

Karpege Varaynge College of Engineering and Technology
Chimalolembakkem, Italiananthingsm T.k. - 603 908

Chengalpettu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

			C412.1	76.00	2.28
C412 C413			C412.2	73.33	2.2
C412	ME6016	Advanced I.C. Engines	C412.3	78.67	2.36
	WIEGGIG	Advanced I.C. Eligines	C412.4	72.00	2.16
			C412.5	76.00	2.28
			C412.6	72.00	2.16
	1 1 1 12		C413.1	100.00	3
			C413.2	100.00	3
C413	ME6811	Project Work	C413.3	100.00	3
C413	IVICOSTI	Project Work	C413.4	93.33	2.8
	5 7 7		C413.5	100.00	3.00
			C413.6	93.33	2.80

Principal

Karpego Viceyage College of Engineering and Technology Chanalolambokkem, Fedure-Illingsm T.k. - 903 908

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Assessment tools and processes used for measuring the attainment of POs and PSOs

Assessment Tool Type	Assessment Tool Title	Tool Description
Direct Assessment	COs attained	The CO values of theory, laboratory and project courses with appropriate weightage as per CO-PO mapping are taken into account for calculation of direct attainment of PO's and PSO's.
Tools	Co-curricular & Extra Curricular Activities	Assessment in the form of Quiz, seminar presentation will be conducted at the end of the each activity and the results will be used to calculate the attainment of PO6 to PO12 and PSOs
	Graduate Exit Survey	An exit Survey on 5-point rating scale is conducted towards the closure of the programme to measure the self- assessment of students in terms of attainment of POs
Indirect Assessment Tools	Alumni Survey	An Alumni Survey on 5-point rating scale is conducted to collect variety of information about program satisfaction from our Graduates end.
	Employer Survey	An Employer Survey on 5-point rating scale is conducted to collect information about our graduate's skills and capability.

Principal

Kamara Vinayaga College of Engineering and Technology
Chanalolambakkam, Madaranthagam T.k.-603 308

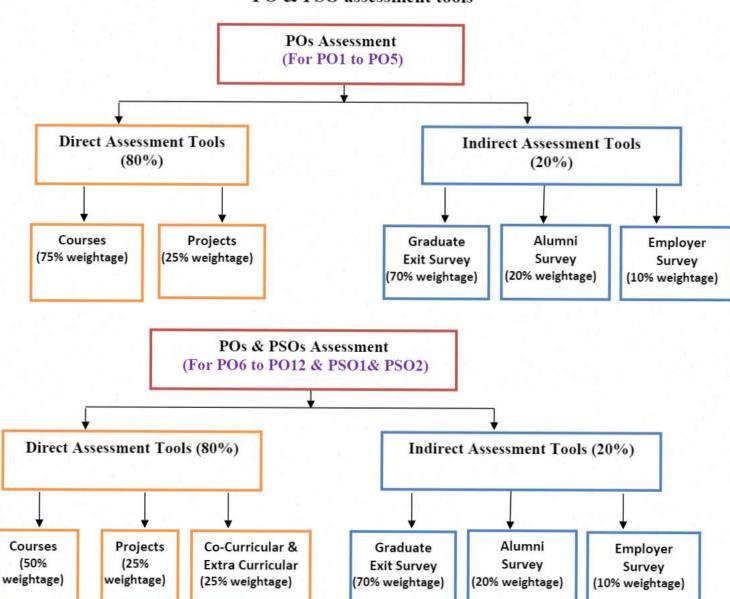
Chanalolambakkam Madaranthagam T.k.-603 308



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

PO & PSO assessment tools



Target an	d Attainment level for Co-Curricular and Extra Curricular Activities
3 (High)	If ≥60 % of students should score more than class average
2 (Moderate)	If ≥50 to <60 % of students should score more than class average
(Low)	If <50% of students should score more than class average

Principal

opera Vozynga College of Engineering and Technology
Chanalulombakkam, Maduranthagom T.K - 603 508
Chanalulombakkam, District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Calculation of PO -PSO attainment

PO-PSO Attainment	Weightage	Assessment Tools
Direct PO -PSO Attainment	80%	CO attainment of Courses CO attainment of Courses, Projects, Co-curricular and Extra Curricular Activities
		Graduate Exit survey (70% contribution)
Indirect PO-PSO Attainment	20%	Alumni Survey (20% contribution)
		Employer Survey (10% contribution)
Overall PO -PSO Attainment	[Direct Atta	inment * 0.8 +Indirect Attainment * 0.2]

Principal

Kerpega Vinayaga College of Engineering and Technology
Chanal obmbokkam, I taduranthagam T.k. - 603 308

Chanal obmbokkam Utaduranthagam T.k. - 603 308



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

PO, PSO Attainment for Courses

Course Code	POI	P02	PO3	P04	POS	90d	PO7	PO8	P09	PO10	PO11	PO12	PSO1	PSO2
C101	-		-	-	7. U=	-		-	2.0	3.0	-	1.0	1.0	-
C102	2.0	1.0	1.0		-	-	\ - ·		<u>.</u>	14		1.0	1.0	-
C103	2.0	1.0	-	-	-	-	-	1-	12	-	-	1.0	1.0	2.0
C104	2.0	1.0	-	-	-	-	1.0	, - ,	-	-	-	1.0	1.0	-
C105	3.0	2.0	1.0	1.0		-	-	-	-	-	-	1.0	1.0	
C106	3.0	2.0	1.0	1.0	-	- 4	-	1.0	1.0	2.0	-	2.0	2.0	
C107	2.0	2.0	1.0	-	2.0	-	-	2.0	2.0	1.0	-	-	-	1.0
C108	2.0	1.0	_	-	1.0	_	-	2.0	2.0	1.0	-	2	2.0	-
C109	2.0	1.0	-	-	1.0	1.0	1.0	2.0	2.0	1.0	11 = 2	-	1.0	-
C110	-	-	100	-	-	-	10	-	1.0	3.0	-	-	1.0	-
C111	1.0	1.0	1.0	-	-	-	-	-	- 1	-	-	1.0	1.0	-
C112	1.0	1.0		2	1	1.0	1.0		-	9	-	1.0	1.0	-
C113	2.0	1.0	-	_	-	1.0	1.0	-	-	-		1.0	1.0	
C114	1.0	1.0	-	-	-			-	-			1.0	1.0	-
C115	2.0	1.0	1.0	1.0	-	-	-	- 12		-	2	1.0	1.0	
C116	2.0	1.0		1-	3.0	1.01	-	2.0	2.0	1.0		-	3.0	3.0
C117	2.0	-	-	-	1	-	-	2.0	2.0	1.0		v • 1	1.0	-
C201	3.0	2.0	2.0	1.0	-	-		- II	-	-	1.	2.0	1.0	-
C202	2.0	1.0	1.0	1.0	_	-	-		_	-	7 _ 1	1.0	2.0	_

Mount

Principal

page Vicayoga College of Engineering and Technology
Chinas International Technology
Chengobattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

C203	3.0	2.0	1.0	1.0	i g	-	4 -	-	-		-	2.0	3.0	-
C204	3.0	2.0	1.0	1.0		-	-	-	-	-	-	2.0	3.0	-
C205	2.0	1.0	-	-		117	-	1 -	-	-	-	1.0	3.0	5 · · ·
C206	2.0	1.0	1.0	- 1	-	2		-	-		4	1.0	2.0	-
C207	2.0	2.0	1.0	1-2	2.0	1-	-	2.0	2.0	1.0		-	3.0	-
C208	2.0	1.0	1.0	-	-1	12		-	2.0	1.0	-	-	2.0	-
C209	2.0		-	-	-	-	-	-	2.0	1.0	-	-	2.0	>
C210	2.0	2.0	1.0	-	-	- 1	-		-	-	-	1.0	1.0	
C211	1.0	1.0	1.0	1.0	,//°=x	-		-	-	-		1.0	1.0	-
C212	1.0	1.0	-	1, 1	-	-	1, 1	-	-	12.J	-	1.0	2.0	-
C213	2.0	2.0	1.0	-	=	1.0	1.0	1112		4	-	1.0	3.0	-
C214	1.0	1.0	1.0	1.0	-	1.0	2.0	-	-	-	-	1.0	1.0	-
C215	2.0	1.0	1.0	1.0	-		-	-	-	-	-	1.0	2.0	21.
C216	2.0	1.0	1 :-	-	1.0	-	-	1.0	2.0	1.0	-	-	3.0	-
C217	3.0	2.0	2.0	1.0	1.0	-	-	1.0	2.0	1.0		-	3.0	-
C218	2.0	2.0	1.0	1.0	1.0	-	-	1.0	1.0	1.0	- 21	-	3.0	-
C301	2.0	1.0		1	1.0	1.5	-	-		-	-	1.0	1.0	2.0
C302	2.0	1.0	1.0		-	-	-	-	_	-	-	1.0	2.0	-
C303	1.0	1.0	1.0		1 2 1	-	-	1.0	-	-	-	1.0	1.0	1.0
C304	1.0	1.0	-		-	-	-	-	-		-	1.0	1.0	1-
C305	1.0	1.0	1.0	1.0	-	-	-	-	- I	-		1.0	1.0	-
C306	-	- 1	-	1-1	-	3.0	1.0	3.0	-	1.5	-	1.0	3.0	-
C307	2.0	1.0	-	_	1.0	-	-	1.0	1.0	1.0	1.	-	2.0	- 12

Marin

Principal

Kerpera Minayoga College of Englinesring and Technology
Chionalolambakkam, Madoranthingsm T.k - 603-808

Chengolpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

C308	2.0	1.0	5	-	-	-	1/4	1.0	1.0	1.0	-	- 1	2.0	-
C309	2.0	1.0	-	-	-	-	-	1.0	1.0	1.0	-	-	2.0	-
C310	2.0	1.0	1.0	1.0	-	1 1 9	4	1.0	-	-	-	1.0	2.0	1.0
C311	-	-	2	-	-	1.0	oute",	2.0	-	1 -	2.0	1.0	1.0	122
C312	2.0	1.0	-	-	1	2.0	2.0	-	-	-	- 5	1.0	3.0	-
C313	1.0	1.0	1.0	1.0		-		-	-	- 1	-	1.0	1.0	-
C314	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.0	1.0	-
C315	2.0	1.0	3	-	-	- 1		-	-	-	-	1.0	3.0	-
C316	2.0	2.0	1.0		3.0	-	12	-	1.0	2.0	3.0	-	3.0	3.0
C317	3.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.
C318	-, -	-		-	1	-	-	1.0	2.0	3.0	-	_	1.0	-
C401	2	1			1 1 1	2	2	2		11 = 1		1	2	
C402	2	1	1	1		1						1	2	yr '
C403	1	1	1			2						1	2	1
C404	1	1				1		2			1	1	2	
C405	1	1	1	1	1 × 1					, 1	2	1	2	
C406	1	1				1	1					1	1	
C407	3	2	1	1	2			1	2	7			3	3
C408	2	1			2	77.1		1	1				2	2
C409	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C410	1	1									2	1	1	
C411	1	1									1	1	1	
C412	2	1				1	2					1	2	

Principal

apage Vicayage Collage of Engineering and Technology
Chianal dembakkam, Madvanthagam T.k - 603 308

Chengalpathu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

C413	3.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Course Attainment (A)	1.85	1.28	1.12	1.14	1.75	1.56	1.64	1.62	1.83	1.64	2.12	1.2	1.85	2.15

PO, PSO Attainment for co-curricular and extra - curricular activities

S. No	Event Name	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	P09	PO10	PO11	PO12	PSO1	PSO2
1	Curriculum Gap	2.70	2.50	1.80	1.80	2.20	1.50	1.00		3.00		3.00	2.70	2.70	2.60
2	Industry Campus Lectures	3.00					2.00	2.00	3.00	2.00		2.00	3.00	2.30	
3	Professional Society Activities/Cl ub/ outreach activities	3.00	3.00	2.00	2.00	2.50	3.00	3.00	2.00	2.30	2.00	2.00	2.00	2.75	3.00
4	Internship	3.00	3.00	3.00	3.00	1.00	1.00	1.00	3.00	3.00	3.00	1.40	3.00	3.00	3.00
5	Industrial Visit	3.00	3.00	2.00	2.00	2.00	. 11		2.00	3.00	2.00	3.00	3.00	3.00	
	Average	2.94	2.88	2.20	2.20	1.93	1.88	1.75	2.50	2.66	2.33	2.28	2.74	2.75	2.87

PO, PSO Attainment for Projects

S.No	Event Name	PO1	P02	P03	P04	PO5	P06	PO7	PO8	PO9	PO10	P011	PO12	PSO1	PS02
1	Project	3.00	3.00	2.00	1.70	3.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

Principal

Principal

Carpega Vincynga College of Engineering and Technology

Chanalolambakkam, Madwranthogam T.k. - 603 508

Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

PO-PSO Direct Attainment for 2016-2020 Batch

										-				
POs/PSOs	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PS01	PS02
Course Attainment (A)	1.85	1.28	1.12	1.14	1.75	1.56	1.64	1.62	1.83	1.64	2.12	1.2	1.85	2.15
75% of (A) for PO1 to PO5 & 50% of (A) for PO6 to PO12, PSO1 & PSO2	1.39	0.96	0.84	0.86	1.31	0.78	0.82	0.81	0.92	0.82	1.06	0.60	0.93	1.08
Project Attainment (B)	3.00	3.00	2.00	1.70	3.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
25% of (B) (Y)	0.75	0.75	0.50	0.43	0.75	0.75	0.50	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Co-Curricular Extra Curricular attainment (C)	1.75	1.50	1.12	1.03	1.70	1.52	1.24	1.55	1.62	1.55	1.73	1.39	1.63	1.74
25% of (C) for P06 to P012, PS01 & PS02 (Z)	3.5	•	-	-	-	0.38	0.31	0.39	0.41	0.39	0.43	0.35	0.41	0.44
Total Direct Attainment (X+Y+Z)	2.14	1.71	1.34	1.28	2.06	1.91	1.63	1.95	2.07	1.96	2.24	1.70	2.08	2.26

Principal

Kerpega Vinayega College of Engineering and Technology
Chianalidambakkam, Maduranthagam T.k. - 603 308
Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

PO-PSO Indirect Attainment

Consolidated PO-PSO Attainment from Graduate Survey:

Attainment level	Target for graduate exit survey
3	>=80% of the students have to select excellent or very good
2	70-79% of the students have to select excellent or very good
1	60-69% of the students have to select excellent or very good

POs- PSOs	Excellent	Very good	Good	Satisfactory	Poor	SUM (Total students)	SUM (Students who gave excellent or very good)	Attained Exit Survey %	Attainment level	70% graduate survey
PO1	50	9		-	-	59	59	100.00	3.00	2.10
PO2	17	40	2		-	59	57	96.61	3.00	2.10
PO3	39	12	8	To 7	-	59	51	86.44	3.00	2.10
PO4	33	17	8	-, :	-	59	50	84.75	3.00	2.10
PO5	39	13	7	"	-	59	52	88.14	3.00	2.10
PO6	41	14	4	-	-	59	55	93.22	3.00	2.10
PO7	44	10	5	1-11	-	59	54	91.53	3.00	2.10
PO8	32	26	1	4 - Y	•	59	58	98.31	3.00	2.10
PO9	34	22	3	-	11-	59	56	94.92	3.00	2.10
PO10	33	25	1	-	-	59	58	98.31	3.00	2.10
PO11	31	26	2	-	=	59	57	96.61	3.00	2.10

Principal

Greens Monayoga College of Engineering and Tachnology
Chinnal Idahahakkam, I Hadisranthagam T.k.-603 308
Chengalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

PO12	42	17	-	-	-	59	59	100.00	3.00	2.10
PSO1	41	15	3	-	-	59	56	94.92	3.00	2.10
PSO2	38	12	9	-	-	59	50	84.75	3.00	2.10

Consolidated PO-PSO Attainment from Alumni Survey:

Attainment level	Target for alumni survey							
3	>=80% of the students have to select excellent or very good							
2	70-79% of the students have to select excellent or very good							
1	60-69% of the students have to select excellent or very good							

POs- PSOs	Excellent	Very good	Good	Satisfactory	Poor	SUM (Total students)	SUM (Students who gave excellent or very good)	Attained Exit Survey %	Attainment level	20% Alumni survey	
PO1	34	8	3	-	-	45	42	93.33	3.00	0.60	
PO2	38	6	1	-	-	45	44	97.78	3.00	0.60	
PO3	33	4	8	-	-	45	37	82.22	3.00	0.60	
PO4	36	- 5	4	-	-	45	41	91.11	3.00	0.60	
PO5	38	3	4	-	-	45	41	91.11	3.00	0.60	
PO6	36	6	3	-	•	45	42	93.33	3.00	0.60	
PO7	34	3	8	-	-	45	37	82.22	3.00	0.60	
PO8	33	7	5	-	-	45	40	88.89	3.00	0.60	
PO9	38	5	2	-	-	45	43	95.56	3.00	0.60	

Principal

Manyaga College of Engineering and Technology nationalbackern, Madurenthagom T.k. - 603 508 Changalpattu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)
GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

PO10	33	8	4	-	-	45	41	91.11	3.00	0.60
PO11	34	4	7	-	-	45	38	84.44	3.00	0.60
PO12	40	2	3	1.5	-	45	42	93.33	3.00	0.60
PSO1	31	5	9	-		45	36	80	3.00	0.60
PSO2	28	10	7	-		45	38	84.44	3.00	0.60

Consolidated PO-PSO Attainment from Employer Survey:

Attainment level	Target for employer survey							
3	>=80% of the students have to select excellent or very good							
2	70-79% of the students have to select excellent or very good							
100	60-69% of the students have to select excellent or very good							

POs- PSOs	Excellent	Very good	Good	Satisfactory	Poor	SUM (Total employer)	SUM (Employers who gave excellent or very good)	Attained Exit Survey %	Attainment level	10% Employer survey
PO1	7	-	1	-	-	8	7	87.50	3.00	0.30
PO2	6	1	. 1	1,1211	-	8	7	87.50	3.00	0.30
PO3	6	2	-	-	2.	8	6	100.00	3.00	0.30
PO4	6	2	-	-	-	8	7	100.00	3.00	0.30
PO5	7	1	- 1	-	-	8	8	100.00	3.00	0.30
PO6	5	3			-	8	7	100.00	3.00	0.30

Principal

Carpage Viceyrge College of Engineering and Technology
Chional John Market Market Changelpottu District



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

PO7	6	1	1 8 8 87.5		87.50	3.00	0.30			
PO8	6	2	- 1	-	-	8	7	100.00	3.00	0.30
PO9	8	(4)	-	-	-	8	8	100.00	3.00	0.30
PO10	7	1	-	-	-	8	8	100.00	100.00 3.00	
PO11	5	2	1		-	8	7	87.50	7.50 3.00	
PO12	4	3	1	-	-	8	7	87.50	3.00	0.30
PSO1	5	2	1	-		8	7	87.5	87.5 3.00	
PSO2	4	3	1	2/	-	8	7	87.5	3.00	0.30

Overall PO-PSO Indirect Attainment

POs/PSOs	PO1	P02	PO3	PO4	PO5	9O4	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
70% of Graduate Exit Survey	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10
20% of Alumni Survey	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
10% of Employer Survey	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Indirect Attainmen t	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Principal Karpaga Vinayaga College of Engineering and Technology Chianakalambakkam, Haddrenthagam T.k. - 603 308 Chengalpattu Dietriot

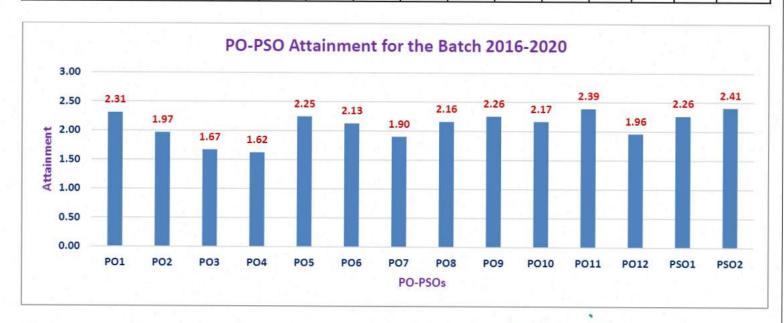


COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC) GST Road, Chinnakolambakkam, Madhuranthagam Taluk, Chengalpattu District – 603 308, Tamil Nadu

Overall PO - PSO Attainment for the batch 2016-20

POs/PSOs	PO1	PO2	PO3	P04	POS	P06	PO7	PO8	P09	PO10	P011	PO12	PSO1	PSO2
Direct Attainment	2.14	1.71	1.34	1.28	2.06	1.91	1.63	1.95	2.07	1.96	2.24	1.7	2.08	2.26
80% of Direct Attainment (A)	1.71	1.37	1.07	1.02	1.65	1.53	1.30	1.56	1.66	1.57	1.79	1.36	1.66	1.81
Indirect Attainment	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20% of Indirect Attainment (B)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Total Attainment (A+B)	2.31	1.97	1.67	1.62	2.25	2.13	1.90	2.16	2.26	2.17	2.39	1.96	2.26	2.41



no John

Principal

mega Vicayoga College of Engineering and Technology
Chional clambel & and Maduranthing om T.K - 603 508

Chengal pattu District

73