



SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

An ISO 9001:2015 Certified Institution

(Approved by AICTE, New Delhi and Affiliated to Anna University Chennai)

Sri Kalaivani Nagar, Erode-Gobi Main Road, Othakuthirai,

K.Mettupalayam Post, Gobichettipalayam – 638 455, Erode District, Tamilnadu

Web: <http://www.svhcec.com>



List of COs for UG courses under Anna University Regulation 2017

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	
Semester	: I
Course Code & Name	: HS8151 & Communicative English
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-2020
Cos No.	Course Outcome
C101.1	Read articles of a general kind in magazines and newspapers.
C101.2	Participate effectively in informal conversations; introduce themselves and their friends and express opinions in English.
C101.3	Comprehend conversations and short talks delivered in English
C101.4	Write short essays of a general kind and personal letters and emails in English
Semester	: I
Course Code & Name	: MA8151 & Engineering Mathematics – I
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-2020
Cos No.	Course Outcome
C102.1	Use both the limit definition and rules of differentiation to differentiate functions.
C102.2	Apply differentiation to solve maxima and minima problems
C102.3	Evaluate integrals both by using Riemann sums and by using the Fundamental Theorem of Calculus.
C102.4	Apply integration to compute multiple integrals, area, volume, integrals in polar coordinates, in addition to change of order and change of variables.
C102.5	Evaluate integrals using techniques of integration, such as substitution, partial fractions and integration by parts.
C102.6	Determine convergence/divergence of improper integrals and evaluate convergent improper integrals.
C102.7	Apply various techniques in solving differential equations.
Semester	: I
Course Code & Name	: PH8151 & Engineering Physics
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-2020
Cos No.	Course Outcome
C103.1	The students will gain knowledge on the basics of properties of matter and its applications,
C103.2	The students will acquire knowledge on the concepts of waves and optical devices and their applications in fibre optics,
C103.3	The students will have adequate knowledge on the concepts of thermal properties of materials and their applications in expansion joints and heat exchangers
C103.4	The students will get knowledge on advanced physics concepts of quantum theory and its applications in tunneling microscopes
C103.5	The students will understand the basics of crystals, their structures and different crystal growth techniques.
Semester	: I
Course Code & Name	: CY8151 & Engineering Chemistry
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-2020
Cos No.	Course Outcome
C104.1	The knowledge gained on engineering materials, fuels, energy sources and water treatment techniques will facilitate better understanding of engineering processes and applications for further learning.
Semester	: I



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Course Code & Name : GE8151 & Problem Solving and Python Programming	
Year of Study : 2017 – 2018, 2018 – 2019,2019-2020	
Cos No.	Course Outcome
C105.1	Develop algorithmic solutions to simple computational problems
C105.2	Read, write, execute by hand simple Python programs.
C105.3	Structure simple Python programs for solving problems.
C105.4	Decompose a Python program into functions.
C105.5	Represent compound data using Python lists, tuples, dictionaries.
C105.6	Read and write data from/to files in Python Programs
Semester : I	
Course Code & Name : GE8152 & Engineering Graphics	
Year of Study : 2017 – 2018, 2018 – 2019,2019-2020	
Cos No.	Course Outcome
C106.1	Familiarize with the fundamentals and standards of Engineering graphics
C106.2	Perform freehand sketching of basic geometrical constructions and multiple views of objects
C106.3	Project orthographic projections of lines and plane surfaces
C106.4	Draw projections and solids and development of surfaces
C106.5	Visualize and to project isometric and perspective sections of simple solids
Semester : I	
Course Code & Name : GE8161 & Problem Solving and Python Programming Laboratory	
Year of Study : 2017 – 2018, 2018 – 2019,2019-2020	
Cos No.	Course Outcome
C107.1	Write, test, and debug simple Python programs
C107.2	Implement Python programs with conditionals and loops
C107.3	Develop Python programs step-wise by defining functions and calling them
C107.4	Use Python lists, tuples, dictionaries for representing compound data
C107.5	Read and write data from/to files in Python
Semester : I	
Course Code & Name : BS8161 & Physics and Chemistry Laboratory	
Year of Study : 2017 – 2018, 2018 – 2019,2019-2020	
Cos No.	Course Outcome
C108.1	Apply principles of elasticity, optics and thermal properties for engineering applications
C108.2	The students will be outfitted with hands-on knowledge in the quantitative chemical analysis of water quality related parameters.
Semester : II	
Course Code & Name : HS8251 & Technical English	
Year of Study : 2017 – 2018, 2018 – 2019,2019-2020	
Cos No.	Course Outcome
C109.1	Read technical texts and write area- specific texts effortlessly
C109.2	Listen and comprehend lectures and talks in their area of specialisation successfully
C109.3	Speak appropriately and effectively in varied formal and informal contexts
C109.4	Write reports and winning job applications.
Semester : II	
Course Code & Name : MA8251 & Engineering Mathematics – II	
Year of Study : 2017 – 2018, 2018 – 2019,2019-2020	
Cos No.	Course Outcome
C110.1	Eigenvalues and eigenvectors, diagonalization of a matrix, Symmetric matrices, Positive definite matrices and similar matrices
C110.2	Gradient, divergence and curl of a vector point function and related identities
C110.3	Evaluation of line, surface and volume integrals using Gauss, Stokes and Green's



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	theorems and their verification.		
C110.4	Analytic functions, conformal mapping and complex integration		
C110.5	Laplace transform and inverse transform of simple functions, properties, various related theorems and application to differential equations with constant coefficients.		
Semester	:	II	
Course Code & Name	:	PH8253 & Physics For Electronics Engineering	
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-2020	
Cos No.	Course Outcome		
C111.1	Gain knowledge on classical and quantum electron theories, and energy band structures		
C111.2	Acquire knowledge on basics of semiconductor physics and its applications in various devices		
C111.3	Get knowledge on magnetic and dielectric properties of materials.		
C111.4	Have the necessary understanding on the functioning of optical materials for optoelectronics		
C111.5	Understand the basics of quantum structures and their applications in spintronics and carbon electronics		
Semester	:	II	
Course Code & Name	:	BE8252 & Basic Civil And Mechanical Engineering	
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-2020	
Cos No.	Course Outcome		
C112.1	Appreciate the Civil and Mechanical Engineering components of Projects		
C112.2	Explain the usage of construction material and proper selection of construction materials		
C112.3	Measure distances and area by surveying		
C112.4	Identify the components used in power plant cycle		
C112.5	Demonstrate working principles of petrol and diesel engine		
	Elaborate the components of refrigeration and Air conditioning cycle		
Semester	:	II	
Course Code & Name	:	EE8251 & Circuit Theory	
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-2020	
Cos No.	Course Outcome		
C113.1	Ability to analyse electrical circuits		
C113.2	Ability to apply circuit theorems		
C113.3	Ability to analyse transients		
Semester	:	II	
Course Code & Name	:	GE8291 & Environmental Science And Engineering	
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-2020	
Cos No.	Course Outcome		
C114.1	Environmental Pollution or problems cannot be solved by mere laws. Public participation is an important aspect which serves the environmental Protection. One will obtain knowledge on the following after completing the course		
C114.2	Public awareness of environmental is at infant stage		
C114.3	Ignorance and incomplete knowledge has lead to misconceptions		
C114.4	Development and improvement in std. of living has lead to serious environmental disasters		
Semester	:	II	
Course Code & Name	:	GE8261 & Engineering Practices Laboratory	
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-2020	
Cos No.	Course Outcome		
C115.1	Fabricate carpentry components and pipe connections including plumbing works.		
C115.2	Use welding equipments to join the structures		



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C115.3	Carry out the basic machining operations		
C115.4	Make the models using sheet metal works		
C115.5	Illustrate on centrifugal pump, Air conditioner, operations of smithy, foundary and fittings		
C115.6	Carry out basic home electrical works and appliances		
C115.7	Measure the electrical quantities		
C115.8	Elaborate on the components, gates, soldering practices		
Semester		:	II
Course Code & Name		:	EE8261 & Electric Circuits Laboratory
Year of Study		:	2017 – 2018, 2018 – 2019, 2019-2020
Cos No.	Course Outcome		
C116.1	Understand and apply circuit theorems and concepts in engineering applications.		
C116.2	Simulate electric circuits.		
Semester		:	III
Course Code & Name		:	MA8353 & Transforms And Partial Differential Equations
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C201.1	Understand how to solve the given standard partial differential equations.		
C201.2	Solve differential equations using Fourier series analysis which plays a vital role in engineering applications.		
C201.3	Appreciate the physical significance of Fourier series techniques in solving one and two dimensional heat flow problems and one dimensional wave equations.		
C201.4	Understand the mathematical principles on transforms and partial differential equations would provide them the ability to formulate and solve some of the physical problems of engineering.		
C201.5	Use the effective mathematical tools for the solutions of partial differential equations by using Z transform techniques for discrete time systems.		
Semester		:	III
Course Code & Name		:	EE8351 & Digital Logic Circuits
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C202.1	Ability to design combinational and sequential Circuits.		
C202.2	Ability to simulate using software package.		
C202.3	Ability to study various number systems and simplify the logical expressions using Boolean functions		
C202.4	Ability to design various synchronous and asynchronous circuits.		
C202.5	Ability to introduce asynchronous sequential circuits and PLDs		
C202.6	Ability to introduce digital simulation for development of application oriented logic circuits.		
Semester		:	III
Course Code & Name		:	EE8391 & Electromagnetic Theory
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C203.1	Ability to understand the basic mathematical concepts related to electromagnetic vector fields.		
C203.2	Ability to understand the basic concepts about electrostatic fields, electrical potential, energy density and their applications.		
C203.3	Ability to acquire the knowledge in magneto static fields, magnetic flux density, vector potential and its applications.		
C203.4	Ability to understand the different methods of emf generation and Maxwell's equations		
C203.5	Ability to understand the basic concepts electromagnetic waves and characterizing parameters		



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C203.6	Ability to understand and compute Electromagnetic fields and apply them for design and analysis of electrical equipment and systems		
Semester		:	III
Course Code & Name		:	EE8301 & Electrical Machines - I
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C204.1	Ability to analyze the magnetic-circuits.		
C204.2	Ability to acquire the knowledge in constructional details of transformers.		
C204.3	Ability to understand the concepts of electromechanical energy conversion.		
C204.4	Ability to acquire the knowledge in working principles of DC Generator.		
C204.5	Ability to acquire the knowledge in working principles of DC Motor		
C204.6	Ability to acquire the knowledge in various losses taking place in D.C. Machines		
Semester		:	III
Course Code & Name		:	EC8353 & Electronics Devices and Circuits
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C205.1	Explain the structure and working operation of basic electronic devices.		
C205.2	Able to identify and differentiate both active and passive elements		
C205.3	Analyze the characteristics of different electronic devices such as diodes and transistors		
C205.4	Choose and adapt the required components to construct an amplifier circuit.		
C205.5	Employ the acquired knowledge in design and analysis of oscillators		
Semester		:	III
Course Code & Name		:	ME8792 & Power Plant Engineering
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C206.1	Explain the layout, construction and working of the components inside a thermal power plant.		
C206.2	Explain the layout, construction and working of the components inside a Diesel, Gas and Combined cycle power plants.		
C206.3	Explain the layout, construction and working of the components inside nuclear power plants.		
C206.4	Explain the layout, construction and working of the components inside Renewable energy power plants.		
C206.5	Explain the applications of power plants while extend their knowledge to power plant economics and environmental hazards and estimate the costs of electrical energy production.		
Semester		:	III
Course Code & Name		:	EC8311 & Electronics Laboratory
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C207.1	Ability to understand and analyse electronic circuits.		
Semester		:	III
Course Code & Name		:	EE8311 & Electrical Machines Laboratory-I
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C208.1	Ability to understand and analyze DC Generator		
C208.2	Ability to understand and analyze DC Motor		
C208.3	Ability to understand and analyse Transformers.		
Semester		:	IV
Course Code & Name		:	MA8491 & Numerical Methods
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		



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C210.1	Understand the basic concepts and techniques of solving algebraic and transcendental equations.
C210.2	Appreciate the numerical techniques of interpolation and error approximations in various intervals in real life situations.
C210.3	Apply the numerical techniques of differentiation and integration for engineering problems.
C210.4	Understand the knowledge of various techniques and methods for solving first and second order ordinary differential equations.
C210.5	Solve the partial and ordinary differential equations with initial and boundary conditions by using certain techniques with engineering applications.
Semester	: IV
Course Code & Name	: EE8401 & Electrical Machines – II
Year of Study	: 2017 – 2018, 2018 – 2019
Cos No.	Course Outcome
C211.1	Ability to understand the construction and working principle of Synchronous Generator
C211.2	Ability to understand MMF curves and armature windings.
C211.3	Ability to acquire knowledge on Synchronous motor.
C211.4	Ability to understand the construction and working principle of Three phase Induction Motor
C211.5	Ability to understand the construction and working principle of Special Machines
C211.6	Ability to predetermine the performance characteristics of Synchronous Machines.
Semester	: IV
Course Code & Name	: EE8402 & Transmission And Distribution
Year of Study	: 2017 – 2018, 2018 – 2019
Cos No.	Course Outcome
C212.1	To understand the importance and the functioning of transmission line parameters.
C212.2	To understand the concepts of Lines and Insulators.
C212.3	To acquire knowledge on the performance of Transmission lines.
C212.4	To understand the importance of distribution of the electric power in power system.
C212.5	To acquire knowledge on Underground Cabilities
C212.6	To become familiar with the function of different components used in Transmission and Distribution levels of power system and modelling of these components.
Semester	: IV
Course Code & Name	: EE8403 & Measurements And Instrumentation
Year of Study	: 2017 – 2018, 2018 – 2019
Cos No.	Course Outcome
C213.1	To acquire knowledge on Basic functional elements of instrumentation
C213.2	To understand the concepts of Lines and Insulators.
C213.3	Ability to compare between various measurement techniques
C213.4	To acquire knowledge on Various storage and display devices
C213.5	To understand the concepts Various transducers and the data acquisition systems
C213.6	Ability to model and analyze electrical and electronic Instruments and understand the operational features of display Devices and Data Acquisition System.
Semester	: IV
Course Code & Name	: EE8451 & Linear integrated circuits and Applications
Year of Study	: 2017 – 2018, 2018 – 2019



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Cos No.	Course Outcome		
C214.1	Ability to acquire knowledge in IC fabrication procedure		
C214.2	Ability to analyze the characteristics of Op-Amp		
C214.3	To understand the importance of Signal analysis using Op-amp based circuits.		
C214.4	Functional blocks and the applications of special ICs like Timers, PLL circuits, regulator Circuits.		
C214.5	To understand and acquire knowledge on the Applications of Op-amp		
C214.6	Ability to understand and analyse, linear integrated circuits their Fabrication and Application.		
Semester		:	IV
Course Code & Name		:	IC8451 & Control Systems
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C215.1	Ability to develop various representations of system based on the knowledge of Mathematics, Science and Engineering fundamentals.		
C215.2	Ability to do time domain and frequency domain analysis of various models of linear system.		
C215.3	Ability to interpret characteristics of the system to develop mathematical model.		
C215.4	Ability to design appropriate compensator for the given specifications.		
C215.5	Ability to come out with solution for complex control problem.		
C215.6	Ability to understand use of PID controller in closed loop system		
Semester		:	IV
Course Code & Name		:	EE8411 & Electrical Machines Laboratory - II
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C216.1	Ability to understand and analyze EMF and MMF methods		
C216.2	Ability to analyze the characteristics of V and Inverted V curves		
C216.3	Ability to understand the importance of Synchronous machines.		
C216.4	Ability to understand the importance of Induction Machines		
C216.5	Ability to acquire knowledge on separation of losses		
Semester		:	IV
Course Code & Name		:	EE8461 & Linear and digital integrated circuits Laboratory
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C217.1	Ability to understand and implement Boolean Functions.		
C217.2	Ability to understand the importance of code conversion		
C217.3	Ability to Design and implement 4-bit shift registers		
C217.4	Ability to acquire knowledge on Application of Op-Amp		
C217.5	Ability to Design and implement counters using specific counter IC.		
Semester		:	IV
Course Code & Name		:	EE8412 & Technical Seminar
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C218.1	Ability to review, prepare and present technological developments		
C218.2	Ability to face the placement interviews		
Semester		:	V
Course Code & Name		:	
Year of Study		:	
C319.1	Ability to model the power system under steady state operating condition		
C319.2	Ability to understand and apply iterative techniques for power flow analysis		
C319.3	Ability to model and carry out short circuit studies on power system		
C319.4	Ability to model and analyze stability problems in power system		



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C319.5	Ability to acquire knowledge on Fault analysis.		
C319.6	Ability to model and understand various power system components and carry out power flow, short circuit and stability studies.		
Semester		:	V
Course Code & Name		:	EE8551 & Microprocessors And Microcontrollers
Year of Study		:	2019-2020
C320.1	Ability to acquire knowledge in Addressing modes & instruction set of 8085 & 8051.		
C320.2	Ability to need & use of Interrupt structure 8085 & 8051.		
C320.3	Ability to understand the importance of Interfacing		
C320.4	Ability to explain the architecture of Microprocessor and Microcontroller.		
C320.5	Ability to write the assembly language programme.		
C320.6	Ability to develop the Microprocessor and Microcontroller based applications.		
Semester		:	V
Course Code & Name		:	EE8552 & Power Electronics
Year of Study		:	2019-2020
C321.1	Ability to analyse AC-AC and DC-DC and DC-AC converters.		
C321.2	Ability to choose the converters for real time applications.		
Semester		:	V
Course Code & Name		:	EE8591 & Digital Signal Processing
Year of Study		:	2019-2020
C322.1	Ability to understand the importance of Fourier transform, digital filters and DS Processors.		
C322.2	Ability to acquire knowledge on Signals and systems & their mathematical representation.		
C322.3	Ability to understand and analyze the discrete time systems.		
C322.4	Ability to analyze the transformation techniques & their computation.		
C322.5	Ability to understand the types of filters and their design for digital implementation.		
C322.6	Ability to acquire knowledge on programmability digital signal processor & quantization effects.		
Semester		:	V
Course Code & Name		:	CS8392 & Object Oriented Programming
Year of Study		:	2019-2020
C323.1	Develop Java programs using OOP principles		
C323.2	Develop Java programs with the concepts inheritance and interfaces		
C323.3	Build Java applications using exceptions and I/O streams		
C323.4	Develop Java applications with threads and generics classes		
C323.5	Develop interactive Java programs using swings		
Semester		:	V
Course Code & Name		:	OCE551 & Air Pollution And Control Engineering
Year of Study		:	2019-2020
C324.1	An understanding of the nature and characteristics of air pollutants, noise pollution and basic concepts of air quality management		
C324.2	Ability to identify, formulate and solve air and noise pollution problems		
C324.3	Ability to design stacks and particulate air pollution control devices to meet applicable standards.		
C324.4	Ability to select control equipments		
C324.5	Ability to ensure quality, control and preventive measures		
Semester		:	V
Course Code & Name		:	EE8511 & Control And Instrumentation Laboratory
Year of Study		:	2019-2020
C325.1	Ability to understand control theory and apply them to electrical engineering problems.		
C325.2	Ability to analyze the various types of converters.		
C325.3	Ability to design compensators.		



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C325.4	Ability to understand the basic concepts of bridge networks.	
C325.5	Ability to the basics of signal conditioning circuits.	
C325.6	Ability to study the simulation packages.	
Semester	:	V
Course Code & Name	:	HS8581 & Professional Communication
Year of Study	:	2019-2020
C326.1	Make effective presentations	
C326.2	Participate confidently in Group Discussions.	
C326.3	Attend job interviews and be successful in them.	
C326.4	Develop adequate Soft Skills required for the workplace	
Semester	:	V
Course Code & Name	:	CS8383 & Object Oriented Programming Laboratory
Year of Study	:	2019-2020
C327.1	Develop and implement Java programs for simple applications that make use of classes, packages and interfaces.	
C327.2	Develop and implement Java programs with arraylist, exception handling and multithreading	
C327.3	Design applications using file processing, generic programming and event handling	
Semester	:	VI
Course Code & Name	:	EE8601 & Solid State Drives
Year of Study	:	2019-2020
C328.1	Ability to understand and suggest a converter for solid state drive.	
C328.2	Ability to select suitability drive for the given application.	
C328.3	Ability to study about the steady state operation and transient dynamics of a motor load system.	
C328.4	Ability to analyze the operation of the converter/chopper fed dc drive.	
C328.5	Ability to analyze the operation and performance of AC motor drives.	
C328.6	Ability to analyze and design the current and speed controllers for a closed loop solid state DC motor drive.	
Semester	:	VI
Course Code & Name	:	EE8602 & Protection and Switchgear
Year of Study	:	2019-2020
C329.1	Ability to understand and analyze Electromagnetic and Static Relays.	
C329.2	Ability to suggest suitability circuit breaker..	
C329.3	Ability to find the causes of abnormal operating conditions of the apparatus and system.	
C329.4	Ability to analyze the characteristics and functions of relays and protection schemes.	
C329.5	Ability to study about the apparatus protection, static and numerical relays.	
C329.6	Ability to acquire knowledge on functioning of circuit breaker.	
Semester	:	VI
Course Code & Name	:	EE8691 & Embedded Systems
Year of Study	:	2019-2020
C330.1	Ability to understand and analyze Embedded systems.	
C330.2	Ability to suggest an embedded system for a given application.	
C330.3	Ability to operate various Embedded Development Strategies	
C330.4	Ability to study about the bus Communication in processors..	
C330.5	Ability to acquire knowledge on various processor scheduling algorithms.	
C330.6	Ability to understand basics of Real time operating system.	
Semester	:	VI
Course Code & Name	:	EE8002 & Design Of Electrical Apparatus
Year of Study	:	2019-2020
C331.1	Ability to understand basics of design considerations for rotating and static electrical machines	



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C331.2	Ability to design of field system for its application	
C331.3	Ability to design sing and three phase transformer	
C331.4	Ability to design armature and field of DC machines	
C331.5	Ability to design stator and rotor of induction motor	
C331.6	Ability to design and analyze synchronous machines	
Semester	:	VI
Course Code & Name	:	EE8005 & Special Electrical Machines
Year of Study	:	2019-2020
C332.1	Ability to analyze and design controllers for special Electrical Machines	
C332.2	Ability to acquire the knowledge on construction and operation of stepper motor	
C332.3	Ability to acquire the knowledge on construction and operation of stepper switched reluctance motors.	
C332.4	Ability to construction, principle of operation, switched reluctance motors	
C332.5	Ability to acquire the knowledge on construction and operation of permanent magnet brushless D.C. motors.	
C332.6	Ability to acquire the knowledge on construction and operation of permanent magnet synchronous motors.	
C332.7	Ability to select a special Machine for a particular application.	
Semester	:	VI
Course Code & Name	:	EE8661 & Power Electronics And Drives Laboratory
Year of Study	:	2019-2020
C333.1	Ability to practice and understand converter and inverter circuits and apply software for engineering problems.	
C333.2	Ability to experiment about switching characteristics various switches.	
C333.3	Ability to analyze about AC to DC converter circuits.	
C333.4	Ability to analyze about DC to AC circuits.	
C333.5	Ability to acquire knowledge on AC to AC converters	
C333.6	Ability to acquire knowledge on simulation software.	
Semester	:	VI
Course Code & Name	:	EE8681 & Microprocessors and Microcontrollers Laboratory
Year of Study	:	2019-2020
C334.1	Ability to understand and apply computing platform and software for engineering problems.	
C334.2	Ability to programming logics for code conversion.	
C334.3	Ability to acquire knowledge on A/D and D/A.	
C334.4	Ability to understand basics of serial communication.	
C334.5	Ability to understand and impart knowledge in DC and AC motor interfacing.	
C334.6	Ability to understand basics of software simulators.	
Semester	:	VI
Course Code & Name	:	EE8611 & Mini Project
Year of Study	:	2019-2020
C335.1	On Completion of the mini project work students will be in a position to take up their final year project work and find solution by formulating proper methodology.	