	Course Outcomes(I Year CIVIL) 2018-19 Sem 2		
	Course Name: English for Professional Communication		
NO	Course Outcome	Taxonomy	
C121.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply	
C121.2	Interpret technical texts, charts and pictures to understand the concepts	Understand	
C121.3	Analyse multimedia content and various texts and improve listening and reading Skills.	Analyse	
C121.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create	
C121.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create	
C121.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create	
	Course Name: Mathematics-II		
NO	Course Outcome	Taxonomy	
C122.1	Define Laplace transform and inverse Laplace transform of various functions.	Remember	
C122.2	Solve ordinary differential equations using Laplace transform.	Apply	
C122.3	Determine Fourier series of periodic functions in a given interval and Parseval's formula- Complex form of Fourier series.	Apply	
C122.4	Find the Fourier Transform of certain functions.	Apply	
C122.5	Construct the partial differential equations and solve one dimensional wave, heat and Laplace equations.	Apply	
C122.6	Solve the difference equations using Z-Transforms	Apply	
	Course Name: Engineering Mechanics	11 7	
NO	Course Outcome	Taxonomy	
C123.1	Analyse the knowledge of static and dynamic behavior of the bodies	Analyse	
C123.2	Understand the physical phenomenon with the help of various theories	Understand	
C123.3	Explain the physical phenomenon with help of diagrams.	Understand	
	Calculate the center of gravity and mass moment of inertia	Apply	
	Analyse the perfect frames by using various loadings	Analyse	
C123.6	Assess the mechanical vibration of the body	Evaluate	
	Course Name: Engineering Chemistry		
NO	Course Outcome	Taxonomy	
C124.1	Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially	Understand	
C124.2	Explore the engineering application of polymeric materials and to understand the basic principle of polymers.	Understand	
C124.3	Explain the conducting polymer and inorganic polymer materials	Understand	
C124.4	Differentiate the electrochemical sources of energy	Understand	
C124.5	Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion.	Understand	
C124.6	Describe the various engineering materials.	Understand	
	Course Name: Environmental Studies		
NO	Course Outcome	Taxonomy	
C125.1	Gain the knowledge about environment, natural resources and different techniques involved in its conservation.	Understand	
C125.2	Get the information about different eco-systems and its functions.	Understand	
C125.3	Recognize the types of bio-diversity along with values and conservation methods.	Understand	
C125.4	Gain the knowledge about various environmental pollutions and able to design the environmental friendly process in engineering.	Apply	

C125.5	Gain the knowledge about sustainable development concept and practice it in life, society and Industry.	Apply
C125.6	Understand the both impacts of population growth on environment and needed measures to protect the environment.	Understand
	Course Name: Applied Mechanics Lab	
NO	Course Outcome	Taxonomy
C126.1	Understand the knowledge about the fundamentals of engineering principles.	Understand
C126.2	Determine the support reactions acted upon simply supported beams.	Apply
C126.3	Understand the importance of frictional force in real world problems.	Understand
C126.4	Understand the concept of centre of gravity and moment of inertia of a real world problem.	Understand
C126.5	Understand the concept of gear arrangement in mechanical devices.	Understand
C126.6	Understand the concept of law of machine.	Understand
	Course Name: Engineering Chemistry Lab	
NO	Course Outcome	Taxonomy
C127.1	prepare advanced polymer materials	Create
C127.2	Analyse water sample for hardness & dissolved Oxygen	Analyse
C127.3	Estimate Different impurities present in water	Evaluate
C127.4	Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results	Evaluate
C127.5	Use different types of instruments for quick and accurate analysis	Apply
C127.6	Estimate corrosion rate	Evaluate
	Course Name: Engineering & I.T WORKSHOP	
NO	Course Outcome	Taxonomy
C128.1	Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.	Remember
C128.2	Analyse Networking of computers using cable or wireless connectivity and Internet for required information.	Analyse
C128.3	Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.	Apply
C128.4	Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.	Create
C128.5	Understand the basic electrical wiring connections essential for house hold applications	Understand
C128.6	Fabricate models using fitting and welding techniques	Apply

Course Name: English for Professional Communication   Course Outcome   Taxonomy	Course Outcomes(I Year EEE) 2018-19 Sem 2		
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C124.5 Calorific values and combustion. Understand		Differentiate the various solid, liquid and gaseous fuels and their	Understand
C124.6 Describe the various engineering materials.  Understand	C124.6	Describe the various engineering materials.	Understand

<del></del>	Course Name: Environmental Studies	
NO	Course Outcome	Taxonomy
C125.1	Gain the knowledge about environment, natural resources and different techniques involved in its conservation.	Understand
C125.2	Get the information about different eco-systems and its functions.	Understand
C125.3	Recognize the types of bio-diversity along with values and conservation methods.	Understand
C125.4	Gain the knowledge about various environmental pollutions and able to design the environmental friendly process in engineering.	Apply
C125.5	Gain the knowledge about sustainable development concept and practice it in life, society and Industry.	Apply
C125.6	Understand the both impacts of population growth on environment and needed measures to protect the environment.	Understand
	Course Name: Electrical Circuits lab	
NO	Course Outcome	Taxonomy
	Experimental verification of theorems.	Apply
C126.2	Sketch the current locus diagrams of RL and RC Series Circuits.	Apply
C126.3	Experimental verification of Resonance phenomenon of Series and Parallel Circuits.	Apply
C126.4	Determination of Self, Mutual Inductances and Coefficient of Coupling	Apply
C126.5	Determination of two port network parameters.	Apply
C126.6	Determination of active and reactive power by measurement techniques.	Apply
	Course Name: Engineering Chemistry Lab	
NO	Course Outcome	Taxonomy
C127.1	prepare advanced polymer materials	Create
C127.2	Analyse water sample for hardness & dissolved Oxygen	Analyse
C127.3	Estimate Different impurities present in water	Evaluate
C127.4	Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results	Evaluate
C127.5	Use different types of instruments for quick and accurate analysis	A 1
		Apply
C127.6	Estimate corrosion rate	Apply Evaluate
	Course Name: Engineering & I.T WORKSHOP	Evaluate
C127.6 <b>NO</b>	Course Name: Engineering & I.T WORKSHOP  Course Outcome	
	Course Name: Engineering & I.T WORKSHOP  Course Outcome  Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.	Evaluate
NO	Course Name: Engineering & I.T WORKSHOP  Course Outcome  Identify the internal parts of a computer, Specifications, Computer	Evaluate  Taxonomy
<b>NO</b> C128.1	Course Name: Engineering & I.T WORKSHOP  Course Outcome  Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  Analyse Networking of computers using cable or wireless connectivity	Evaluate  Taxonomy  Remember
NO C128.1 C128.2	Course Name: Engineering & I.T WORKSHOP  Course Outcome  Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  Experiment the process of installing, use antivirus and Use tools for	Evaluate  Taxonomy  Remember  Analyse
NO C128.1 C128.2 C128.3	Course Name: Engineering & I.T WORKSHOP  Course Outcome  Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  Design & develop sand moulds, wooden and sheet metal prototypes of	Evaluate  Taxonomy Remember  Analyse Apply

	Course Outcomes(I Year MECHANICAL) 2018-19 Sem 2		
	Course Name: English for Professional Communication		
NO	Course Outcome	Taxonomy	
C121.1	Use appropriate vocabulary and grammatical structures in speech and	Apply	
C121.2	writing.  Interpret technical texts, charts and pictures to understand the concepts	Understand	
C121.3	Analyse multimedia content and various texts and improve listening and reading Skills.	Analyse	
C121.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create	
C121.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create	
C121.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create	
	Course Name: Mathematics-II		
NO	Course Outcome	Taxonomy	
C122.1	Define Laplace transform and inverse Laplace transform of various functions.	Remember	
C122.2	Solve ordinary differential equations using Laplace transform.	Apply	
C122.3	Determine Fourier series of periodic functions in a given interval and Parseval's formula- Complex form of Fourier series.	Apply	
C122.4	Find the Fourier Transform of certain functions.	Apply	
C122.5	Construct the partial differential equations and solve one dimensional wave, heat and Laplace equations.	Apply	
C122.6	Solve the difference equations using Z-Transforms	Apply	
	Course Name: Material Science and Engineering		
NO	Course Outcome	Taxonomy	
C123.1	Describe the properties, structures and alloying of metals	Understand	
C123.2	Explain the phase diagrams of metals.	Apply	
C123.3	Explain structure and properties of Ferrous and Non-ferrous metals	Understand	
C123.4	Understand the methods of different heat treatments for the Steels	Apply	
C123.5	Describe the properties, structures and applications of Ceramic materials	Understand	
C123.6	Describe the properties, structures and applications of Composite materials	Understand	
	Course Name: Engineering Physics		
NO	Course Outcome	Taxonomy	
C124.1	Demonstrate the properties of physical optics, lasers and fiber optics to various applications in science and technology	Apply	
C124.2	Restate the basics of ultrasonic waves and the significance of structural properties of crystalline materials	Understand	
C124.3	Assess the electrical properties through different electron theory models	Evaluate	
C124.4	Interpret the mechanism of electron transport properties in solids and quantum mechanics (interchangeable picture) of subatomic world	Understand	
C124.5	Examine the electrical properties based on the band theory and illustrate the magnetic properties in their applications	Apply	
C124.6	Illustrate diverse principles and theories of superconductors and nonmaterial's and their technological applications in diverse fields	Apply	
Course Name: Engineering Drawing			
NO	Course Outcome	Taxonomy	
	Discuss the Principles of Engineering Graphics and sketch the various	Apply	
C125.1	Curves used in Engineering Practice	rippiy	

C125.3	Draw the projections of lines and planes	Apply
C125.4	Sketch the projections of solids and its developments	Apply
C125.5	Draw the isometric projections of lines, Planes and simple solids	Apply
C125.6	Sketch Conversion of isometric Views to Orthographic Views.	Apply
	Course Name: Material Science and Engineering Lab	
NO	Course Outcome	Taxonomy
C126.1	To model the specimen by using the hydraulic mounting press.	Apply
C126.2	To illustrate the micro-structure of ferrous metals and its alloys.	Apply
C126.3	To illustrate the micro-structure of non-ferrous metals and its alloys.	Apply
C126.4	To demonstrate the procedure of heat treatment using muffle furnace.	Apply
C126.5	To determine the harden ability of heat treated steels and its alloys by using of quenching process.	Apply
C126.6	To determine the harden ability of heat treated steels and its alloys by using of normalizing process.	Apply
	Course Name: Engineering Physics Laboratory	
NO	Course Outcome	Taxonomy
C127.1	Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept	
C127.2	Evaluate the wavelength of various colors of grating and prism by spectrometer	Evaluate
C127.3	Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction	Evaluate
C127.4	Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle	Evaluate
C127.5	Estimate the magnetic field of a circular coil carrying current along the axis	Evaluate
C127.6	Measure the energy band gap of a given semiconductor material	Evaluate
	Course Name: Engineering & I.T WORKSHOP	
NO	Course Outcome	Taxonomy
C128.1	Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.	Remember
C128.2	Analyse Networking of computers using cable or wireless connectivity and Internet for required information.	Analyse
C128.3	Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.	Apply
C128.4	Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.	Create
C128.5	Understand the basic electrical wiring connections essential for house hold applications	Understand
C128.6	Fabricate models using fitting and welding techniques	Apply

	Course Outcomes(I Year ECE) 2018-19 Sem 2	
	Course Name: English for Professional Communication	
NO	Course Outcome	Taxonomy
C121.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply
C121.2	Interpret technical texts, charts and pictures to understand the concepts	Understand
C121.3	Analyse multimedia content and various texts and improve listening and reading Skills.	Analyse
C121.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create
C121.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create
C121.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create
	Course Name: Mathematics-II	
NO	Course Outcome	Taxonomy
C122.1	Define Laplace transform and inverse Laplace transform of various functions.	Remember
C122.2	Solve ordinary differential equations using Laplace transform.	Apply
C122.3	Determine Fourier series of periodic functions in a given interval and Parseval's formula- Complex form of Fourier series.	Apply
C122.4	Find the Fourier Transform of certain functions.	Apply
C122.5	Construct the partial differential equations and solve one dimensional wave, heat and Laplace equations.	Apply
C122.6	Solve the difference equations using Z-Transforms	Apply
	Course Name: Network Analysis	
NO	Course Outcome	Taxonomy
C123.1	Analyse the Electrical circuits using various network reduction techniques.	Anaryse
C123.2	Demonstrate the transient response of series and parallel RL, RC and RLC circuits for DC excitations.	Apply
C123.3	Analysis of Electrical circuits with sinusoidal input.	Analyse
C123.4	Evaluate frequency response to understand behaviour of Electrical circuits	Evaluate
C123.5	Design low pass, high pass, band pass and band elimination filter networks	Create
C123.6	Determine two port network parameters and one parameter in terms of other parameters.	Apply
	Course Name: Engineering Physics	
NO	Course Outcome	Taxonomy
C124.1	Demonstrate the properties of physical optics, lasers and fiber optics to various applications in science and technology	Apply
C124.2	Restate the basics of ultrasonic waves and the significance of structural properties of crystalline materials	Understand
C124.3		Evaluate
C124.4	Interpret the mechanism of electron transport properties in solids and quantum mechanics (interchangeable picture) of subatomic world	Understand
C124.5	Examine the electrical properties based on the band theory and illustrate the magnetic properties in their applications	Apply
C124.6	Illustrate diverse principles and theories of superconductors and nonmaterial's and their technological applications in diverse fields	Apply
	Course Neme: Engineering Drewing	
NO	Course Name: Engineering Drawing Course Outcome	Taxonomy

C125.1 Curves used in Engineering Practice C125.2 Sketch the projections of points and scales C125.3 Draw the projections of points and scales C125.4 Sketch the projections of lines and planes C125.5 Draw the isometric projections of lines, Planes and simple solids C125.6 Sketch Conversion of isometric Views to Orthographic Views.  C125.7 Spraw the isometric projections of lines, Planes and simple solids C125.6 Sketch Conversion of isometric Views to Orthographic Views.  C126.7 Course Name: Network Analysis Lab  NO C126.1 Determine the KCL and KVL for any network C126.2 Compute Frequency response of series and parallel resonance circuits C126.3 Design frequency response of Series and parallel resonance circuits C126.4 Determine the phase of a sinusoidal signal when passed through RL or RC circuits C126.5 Determine the phase of a sinusoidal signal when passed through RL or RC circuits C126.6 Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems  C127.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept  C127.2 Evaluate the wavelength of various colors of grating and prism by spectrometer  C127.3 Evaluate the wavelength of various colors of grating and prism by spectrometer  C127.4 Evaluate the magnetic field of a circular coil carrying current along the axis C127.5 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C127.5 Estimate the magnetic field of a circular coil carrying current along the axis C127.6 Measure the energy band gap of a given semiconductor material  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for reparation of PPT, Documentation, Budget Sheet etc.  C128.4 Pesign & develop sand moulds, woode		Discuss the Principles of Engineering Graphics and sketch the various	
C125.3 Draw the projections of lines and planes C125.4 Sketch the projections of solids and its developments C125.5 Draw the isometric projections of lines, Planes and simple solids C125.6 Sketch Conversion of isometric Views to Orthographic Views.  Course Name: Network Analysis Lab  NO Course Outcome C126.1 Determine the KCL and KVL for any network C126.2 Compute Frequency response of series and parallel resonance circuits C126.3 Design frequency response of series and parallel resonance circuits C126.4 Obtain frequency response of series and parallel resonance directions C126.5 Determine the phase of a sinusoidal signal when passed phrough RL or RC circuits C126.6 Evaluate any networks using Thevenins, Maximum power ransfer and Superposition theorems C127.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept C127.2 Evaluate the wavelength of various colors of grating and prism by splane the wavelength of various colors of grating and prism by using the principle of diffraction C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C127.5 Estimate the magnetic field of a circular coil carrying current along the axis C127.6 Measure the energy band gap of a given semiconductor material C127.6 Estimate the magnetic field of a circular coil carrying current along the find its acceptance angle C127.6 Measure the energy band gap of a given semiconductor material C127.6 Measure the energy band gap of a given semiconductor material C127.6 Measure the energy band gap of a given semiconductor material C127.6 Measure the role of a computer, Specifications, Computer Assembling and Software Installation. C128.1 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.3 Design & develop sand moulds, wooden and sheet metal prototypes of rea	C125.1	Curves used in Engineering Practice	Apply
C125.4 Sketch the projections of solids and its developments Apply C125.5 Draw the isometric projections of lines, Planes and simple solids Apply C125.6 Sketch Conversion of isometric Views to Orthographic Views. Apply  Course Name: Network Analysis Lab  NO Course Outcome Taxonomy C126.1 Determine the KCL and KVL for any network C126.2 Compute Frequency response of series and parallel resonance circuits C126.3 Design frequency response of Band pass filter. Evaluate C126.4 Obtain frequency response of Band pass filter. C126.5 Determine the phase of a sinusoidal signal when pass and high pass Filters C126.6 Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems  C126.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept  C127.1 Evaluate the wavelength of various colors of grating and prism by spectrometer  C127.2 Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C127.5 Estimate the magnetic field of a circular coil carrying current along the axis C127.6 Measure the energy band gap of a given semiconductor material Evaluate C127.5 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C127.6 Measure the energy band gap of a given semiconductor material Evaluate C127.7 Sestimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C128.1 Assembling and Software Installation. C128.2 Analyse Networking of computers, Specifications, Computer Assembling and Software Installation. C128.3 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications. Understand bold applications Understand			Apply
C125.5 Draw the isometric projections of lines, Planes and simple solids C125.6 Sketch Conversion of isometric Views to Orthographic Views.  Course Name: Network Analysis Lab  NO Course Outcome Taxonomy C126.1 Determine the KCL and KVL for any network C126.2 Compute Frequency response of series and parallel resonance circuits C126.3 Design frequency response of Band pass filter. C126.4 Obtain frequency response of Band pass filter. C126.5 Determine the phase of a sinusoidal signal when passed through RL or RC circuits C126.6 Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems C127.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept C127.2 Evaluate the wavelength of various colors of grating and prism by spectrometer C127.3 Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C127.5 Estimate the magnetic field of a circular coil carrying current along the axis C127.6 Measure the energy band gap of a given semiconductor material C127.6 Measure the energy band gap of a given semiconductor material C128.1 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc. C128.5 Understand the basic electrical wiring connections essential for house hold applications. C128.5 Understand the basic electrical wiring connections essential for house hold applications. C128.6 Understand the basic electrical wiring connections essential for house hold applications	C125.3	Draw the projections of lines and planes	Apply
C125.6 Sketch Conversion of isometric Views to Orthographic Views.  Course Name: Network Analysis Lab  NO Course Outcome C126.1 Determine the KCL and KVL for any network C126.2 Compute Frequency response of series and parallel resonance circuits C126.3 Design frequency response of Band pass filter. C126.4 Obtain frequency response of Constant 'k' low pass and high pass Filters C126.5 Determine the phase of a sinusoidal signal when passed through RL or RC circuits C126.6 Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems  C126.7 Determine the phase of a curvature and/or thickness of thin wire using microscope with the help of interference concept C127.1 Evaluate the wavelength of various colors of grating and prism by spectrometer C127.2 Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle C127.5 Estimate the magnetic field of a circular coil carrying current along the axis C127.6 Measure the energy band gap of a given semiconductor material C127.6 Measure the energy band gap of a given semiconductor material C127.6 Measure the energy band gap of a given semiconductor material C128.1 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information. C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc. C128.5 Understand the basic electrical wiring connections essential for house hold applications. C128.5 Understand the basic electrical wiring connections essential for house bold applications. C128.6 Understand	C125.4	Sketch the projections of solids and its developments	Apply
NO         Course Outcome         Taxonomy           C126.1         Determine the KCL and KVL for any network         Apply           C126.2         Compute Frequency response of series and parallel resonance circuits         Evaluate           C126.3         Design frequency response of series and parallel resonance circuits         Evaluate           C126.4         Obtain frequency response of constant 'k' low pass and high pass Filters         Apply           C126.5         Determine the phase of a sinusoidal signal when passed through RL or RC circuits         Apply           C126.6         Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems         Evaluate transfer and Superposition theorems           Course Name: Engineering Physics Laboratory           NO         Course Outcome         Taxonomy           C127.1         Determine the radius of a curvature and /or thickness of thin wire using microscope with the help of interference concept         Evaluate           C127.2         Evaluate the wavelength of various colors of grating and prism by spectrometer         Evaluate           C127.3         Evaluate wavelength of light source and particle size with He-Ne lase using the principle of diffraction         Evaluate           C127.3         Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle         Evaluate           C127.5         Es	C125.5	Draw the isometric projections of lines, Planes and simple solids	Apply
NO         Course Outcome         Taxonomy           C126.1         Determine the KCL and KVL for any network         Apply           C126.2         Compute Frequency response of series and parallel resonance circuits         Evaluate           C126.3         Design frequency response of series and parallel resonance circuits         Evaluate           C126.4         Obtain frequency response of constant 'k' low pass and high pass Filters         Apply           C126.5         Determine the phase of a sinusoidal signal when passed through RL or RC circuits         Apply           C126.6         Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems         Evaluate transfer and Superposition theorems           Course Name: Engineering Physics Laboratory           NO         Course Outcome         Taxonomy           C127.1         Determine the radius of a curvature and /or thickness of thin wire using microscope with the help of interference concept         Evaluate           C127.2         Evaluate the wavelength of various colors of grating and prism by spectrometer         Evaluate           C127.3         Evaluate wavelength of light source and particle size with He-Ne lase using the principle of diffraction         Evaluate           C127.3         Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle         Evaluate           C127.5         Es	C125.6	Sketch Conversion of isometric Views to Orthographic Views.	Apply
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C126.3 Design frequency response of Band pass filter.  C126.4 Obtain frequency response of constant 'k' low pass and high pass Filters  C126.5 Determine the phase of a sinusoidal signal when passed through RL or RC circuits  C126.6 Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems  Course Name: Engineering Physics Laboratory  NO Course Outcome  C127.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept  Evaluate the wavelength of various colors of grating and prism by spectrometer  C127.3 Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction  C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle  C127.5 Estimate the magnetic field of a circular coil carrying current along the axis  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 hold applications  Understand	C126.1	Determine the KCL and KVL for any network	Apply
C126.4 Obtain frequency response of constant 'k' low pass and high pass Filters  C126.5 Determine the phase of a sinusoidal signal when passed through RL or RC circuits  Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems  Course Name: Engineering Physics Laboratory  NO Course Outcome  Taxonomy  C127.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept  Evaluate the wavelength of various colors of grating and prism by spectrometer  C127.2 Evaluate the wavelength of light source and particle size with He-Ne laser using the principle of diffraction  C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle  C127.5 Estimate the magnetic field of a circular coil carrying current along the axis  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications	C126.2		Evaluate
C126.4 Obtain frequency response of constant 'k' low pass and high pass Filters  C126.5 Determine the phase of a sinusoidal signal when passed through RL or RC circuits  Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems  Course Name: Engineering Physics Laboratory  NO Course Outcome  Taxonomy  C127.1 Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept  Evaluate the wavelength of various colors of grating and prism by spectrometer  C127.2 Evaluate the wavelength of light source and particle size with He-Ne laser using the principle of diffraction  C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle  C127.5 Estimate the magnetic field of a circular coil carrying current along the axis  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications	C126.3	Design frequency response of Band pass filter.	Evaluate
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Class         Evaluate any networks using Thevenins, Maximum power transfer and Superposition theorems         Evaluate           Fourse Name: Engineering Physics Laboratory           NO         Course Outcome         Taxonomy           C127.1         Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept         Apply           C127.2         Evaluate the wavelength of various colors of grating and prism by spectrometer         Evaluate           C127.3         Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction         Evaluate           C127.4         Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle         Evaluate           C127.5         Estimate the magnetic field of a circular coil carrying current along the axis         Evaluate           C127.6         Measure the energy band gap of a given semiconductor material         Evaluate           C127.6         Measure the energy band gap of a given semiconductor material         Evaluate           C128.1         Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.         Remember           C128.2         Analyse Networking of computers using cable or wireless connectivity and Internet for required information.         Analyse           C128.4         Experiment the process of install	C126.5		Apply
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C127.1   Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept		Course Name: Engineering Physics Laboratory	
C127.1 microscope with the help of interference concept   C127.2	NO	Course Outcome	Taxonomy
Evaluate  C127.3 Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction  C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle  C127.5 Estimate the magnetic field of a circular coil carrying current along the axis  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications  C128.6 Understand the basic electrical wiring connections essential for house hold applications	C127.1	<u> </u>	Apply
C127.4 Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle  C127.5 Estimate the magnetic field of a circular coil carrying current along the axis  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C127.6 Measure the energy band gap of a given semiconductor material  C128.1 Evaluate  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications  C128.5 Understand the basic electrical wiring connections essential for house hold applications	C127.2		Evaluate
C127.5 Estimate the magnetic field of a circular coil carrying current along the axis  C127.6 Measure the energy band gap of a given semiconductor material  Course Name: Engineering & I.T WORKSHOP  NO Course Outcome  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications  Understand	C127.3		Evaluate
C127.6 Measure the energy band gap of a given semiconductor material  Course Name: Engineering & I.T WORKSHOP  NO Course Outcome Taxonomy  C128.1 Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.  C128.2 Analyse Networking of computers using cable or wireless connectivity and Internet for required information.  C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications  Understand	C127.4	<u> </u>	Evaluate
Course Name: Engineering & I.T WORKSHOPNOCourse OutcomeTaxonomyC128.1Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.RememberC128.2Analyse Networking of computers using cable or wireless connectivity and Internet for required information.AnalyseC128.3Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.ApplyC128.4Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.CreateC128.5Understand the basic electrical wiring connections essential for house hold applicationsUnderstand	C127.5		Evaluate
Course Name: Engineering & I.T WORKSHOPNOCourse OutcomeTaxonomyC128.1Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.RememberC128.2Analyse Networking of computers using cable or wireless connectivity and Internet for required information.AnalyseC128.3Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.ApplyC128.4Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.CreateC128.5Understand the basic electrical wiring connections essential for house hold applicationsUnderstand	C127.6	Measure the energy band gap of a given semiconductor material	Evaluate
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C128.3 Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.  C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications  C128.6 Understand the basic electrical wiring connections essential for house hold applications	C128.2	Analyse Networking of computers using cable or wireless connectivity	Analyse
C128.4 Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.  C128.5 Understand the basic electrical wiring connections essential for house hold applications  Understand	C128.3	Experiment the process of installing, use antivirus and Use tools for	Apply
C128.5 Understand the basic electrical wiring connections essential for house hold applications  Understand the basic electrical wiring connections essential for house hold applications	C128.4	Design & develop sand moulds, wooden and sheet metal prototypes of	Create
	C128.5	Understand the basic electrical wiring connections essential for house	Understand
	C128.6		Apply

	Course Outcomes(I Year CSE) 2018-19 Sem 2		
	Course Name: English for Professional Communication		
NO	Course Outcome	Taxonomy	
C121.1	Use appropriate vocabulary and grammatical structures in speech and	Apply	
C121.2	writing.  Interpret technical texts, charts and pictures to understand the concepts	Understand	
C121.3	Analyse multimedia content and various texts and improve listening and reading Skills.	Analyse	
C121.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create	
C121.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create	
C121.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create	
	Course Name: Mathematics-II		
NO	Course Outcome	Taxonomy	
C122.1	Define Laplace transform and inverse Laplace transform of various functions.	Remember	
C122.2	Solve ordinary differential equations using Laplace transform.	Apply	
C122.3	Determine Fourier series of periodic functions in a given interval and Parseval's formula- Complex form of Fourier series.	Apply	
C122.4	Find the Fourier Transform of certain functions.	Apply	
C122.5	Construct the partial differential equations and solve one dimensional wave, heat and Laplace equations.	Apply	
C122.6	Solve the difference equations using Z-Transforms	Apply	
	Course Name: Data Structures		
NO	Course Outcome	Taxonomy	
C123.1	Describe the concepts of arrays, pointers and linked lists.	Understand	
C123.2	Explain the concepts of Stacks and Queues	Understand	
C123.3	Use to design algorithms in trees and graphs	Apply	
C123.4	Analyse different Sorting techniques	Analyse	
C123.5	Explain different Searching techniques.	Understand	
C123.6	Design to Analyse algorithms and algorithm correctness	Create	
	Course Name: Engineering Chemistry		
NO	Course Outcome	Taxonomy	
C124.1	Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially	Understand	
C124.2	Explore the engineering application of polymeric materials and to understand the basic principle of polymers.	Understand	
C124.3	Explain the conducting polymer and inorganic polymer materials	Understand	
C124.4	Differentiate the electrochemical sources of energy	Understand	
C124.5	Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion.	Understand	
C124.6	Describe the various engineering materials.	Understand	
	Course Name: Environmental Studies		
NO	Course Outcome	Taxonomy	
C125.1	Gain the knowledge about environment, natural resources and different techniques involved in its conservation.	Understand	
C125.2	Get the information about different eco-systems and its functions.	Understand	
	Recognize the types of bio-diversity along with values and conservation	** 1 . 1	
C125.3	methods.	Understand	

~147.7	Gain the knowledge about sustainable development concept and	
C125.5	practice it in life, society and Industry.	Apply
C125.6	Understand the both impacts of population growth on environment and	Understand
C123.0	needed measures to protect the environment.	Understand
	Course Name: Data Structures Lab	
NO	Course Outcome	Taxonomy
C126.1	Develop programs for evaluating expressions.	Create
C126.2	Identify the appropriate data structure for a given problem or application	Remember
C126.3	Apply various data structure such as stacks, queues, trees, graphs, etc. to solve various computing problems.	Apply
C126.4	Develop programs for searching and sorting techniques using appropriate technique	Create
C126.5	Choose the appropriate data structure and algorithm design method for a specified application.	Analyse
C126.6	Use a suitable data structure and algorithm to solve a real world problem	Apply
	Course Name: Engineering Chemistry Lab	
NO	Course Outcome	Taxonomy
C127.1	prepare advanced polymer materials	Create
C127.2	Analyse water sample for hardness & dissolved Oxygen	Analyse
C127.3	Estimate Different impurities present in water	Evaluate
C127.4	Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results	Evaluate
C127.5	Use different types of instruments for quick and accurate analysis	Apply
C127.6	Estimate corrosion rate	Evaluate
	Course Name: Engineering & I.T WORKSHOP	
NO	Course Outcome	Taxonomy
C128.1	Identify the internal parts of a computer, Specifications, Computer Assembling and Software Installation.	Remember
C128.2	Analyse Networking of computers using cable or wireless connectivity and Internet for required information.	Analyse
C128.3	Experiment the process of installing, use antivirus and Use tools for preparation of PPT, Documentation, Budget Sheet etc.	Apply
C128.4	Design & develop sand moulds, wooden and sheet metal prototypes of real time applications.	Create
C128.5	Understand the basic electrical wiring connections essential for house hold applications	Understand
C128.6	Fabricate models using fitting and welding techniques	Apply