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		
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
C123.4	Calculate the center of gravity and mass moment of inertia	Apply
C123.5	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

NO	Course Outcome	Taxonomy
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 Outcomes(I Year EEE) 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: Electrical Circuits-I		
NO	**Course Outcome**	**Taxonomy**
C123.1	Student Gain the knowledge on basic network elements and Analyse the periodic waveforms	Analyse
C123.2	Student will gain knowledge on magnetic circuits	Create
C123.3	Analysis of Single Phase AC Circuits, the representation of alternating quantities and determining the power in these circuits	Analyse
C123.4	Determine the Loci and resonant Frequency, quality factor & bandwidth of the RLC circuits	Apply
C123.5	Student will apply theorems for electrical circuits both ac and dc	Apply
C123.6	Student Gain the knowledge in characteristics of two port network parameters (Z, Y, ABCD, h & g).	Analyse
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: Electrical Circuits lab	
NO	**Course Outcome**	**Taxonomy**
C126.1	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	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 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 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: 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**
C125.1	Discuss the Principles of Engineering Graphics and sketch the various Curves used in Engineering Practice	Apply
C125.2	Sketch the projections of points and scales	Apply

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	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

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.	Analyse
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	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**

C125.1	Discuss the Principles of Engineering Graphics and sketch the various Curves used in Engineering Practice	Apply
C125.2	Sketch the projections of points and scales	Apply
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: Network Analysis Lab

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 Band pass filter.	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

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	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

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 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 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: 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
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: 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