Course Outcomes(I Year CIVIL) 2018-19 Sem 1		
	Course Name: Functional English	
NO	Course Outcome	Taxonomy
C111.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply
C111.2	Interpret technical texts, charts and pictures to understand the concepts	Understand
C111.3	Analyze multimedia content and various texts and improve listening and reading Skills	Analyze
C111.4	Develop oral communication through participation in group discussions and interviews and seminars	Create
C111.5	Build efficient written communication skills by practicing project	Create
C111.6	Develop study skills like summarizing, note making, through studying	Create
	Course Name: Mathematics-I	
NO	Course Outcome	Taxonomy
C112.1	Solve the various types of ordinary differential equations	Apply
C112.2	Solve linear differential equations with variable coefficients and apply this technique to solve electrical circuits, deflection of beams etc.	Apply
C112.3	Expand the function in Taylor series and find the radius of curvature.	Apply
C112.4	Utilize the technique of partial differentiation to find the Jacobian and the extreme values of functions of several variables	Evaluate
C112.5	Evaluate the areas of regions and volumes of solids.	Apply
C112.6	Find the divergence and curl of vector point functions and apply Green's, Stokes and Gauss's divergence theorems to find line, surface and volume integrals.	Apply
	Course Name: Computer Programming	
NO	Course Outcome	Taxonomy
C113.1	Demonstrate the basic working of a Computer and Solve various problems using algorithmic approach.	Apply
C113.2	Analyze and select appropriate operators and control structures to infer the problem.	Analyze
C113.3	Design solutions that handles homogenous and heterogeneous data	Create
C113.4	Estimate efficient memory utilization using pointers.	Evaluate
C113.5	Develop Solutions based on Modular approach for effective debugging.	Create
C113.6	Design programs using formatted console I/O and File I/O	Apply
	Course Name: Engineering Physics	
NO	Course Outcome	Taxonomy
C114.1	Demonstrate the properties of physical optics, lasers and fiber optics to various applications in science and technology	Apply
C114.2	Restate the basics of ultrasonic waves and the significance of structural properties of crystalline materials	Understand
C114.3	Assess the electrical properties through different electron theory models	Evaluate
C114.4	Interpret the mechanism of electron transport properties in solids and quantum mechanics (interchangeable picture) of subatomic world	Understand
C114.5	Examine the electrical properties based on the band theory and illustrate the magnetic properties in their applications	Apply
C114.6	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
C115.1	Discuss the Principles of Engineering Graphics and sketch the various Curves used in Engineering Practice	Apply
C115.1 C115.2	Discuss the Principles of Engineering Graphics and sketch the various Curves used in Engineering Practice Sketch the projections of points and scales	Apply Apply

C115.4	Sketch the projections of solids and its developments	Apply
C115.5	Draw the isometric projections of lines, Planes and simple solids	Apply
C115.6	Sketch Conversion of isometric Views to Orthographic Views.	Apply
	Course Name: English Language Communication Skills Lab	
NO	Course Outcome	Taxonomy
C116.1	Recite and state the importance of phonetics, accent, rhythm intonation	Domombor
C110.1	and stress and practice them in day to day conversation.	Kemember
C116.2	Understand the influence of mother tongue on English language and	Understand
C110.2	neutralize it to improve fluency in spoken English	Onderstand
C1163	Summarizing multimedia content by watching videos on screen to	Understand
0110.5	acquire proficiency in written communication skills.	Chaelstana
C116.4	Evaluate and exhibit acceptable etiquette essential in social and	Evaluate
	protessional settings	
C116.5	Build efficient Written communication skills by practicing project	Create
	reports, film and book reviews.	
C116.6	Build the ability of using language effectively to face interviews, group	Create
	discussions, public speaking	
NO	Course Name: Engineering Physics Lab	T
NO		1 axonomy
C117.1	microscope with the help of interference concept	Apply
C117.2	Evaluate the wavelength of various colors of grating and prism by	Evaluate
C117.2	spectrometer	Lvaluate
C1173	Evaluate wavelength of light source and particle size with He-Ne laser	Evaluate
C117.5	using the principle of diffraction	Lvaluate
C1174	Estimate the numerical aperture of a given optical fiber and hence to	Evaluate
	find its acceptanceangle	L'aluate
C117.5	Estimate the magnetic field of a circular coil carrying current along the	Evaluate
	axis	
C117.6	Measure the energy band gap of a given semiconductor material	Evaluate
	Course Name: Computer Programming Lab	
NO	Course Outcome	Taxonomy
C118.1	Analyze the operating system commands such as DOS/LINUX and $\tilde{\Omega}$	Analyze
	study the environment to compile, debug and run C programs	
C118.2	Apply decision making and looping statements to find solutions to	Apply
	problems	11.7
C118.3	Utilize Derived data types such as arrays, structures and pointers	Apply
0110.4	effectively and implement solutions using C language.	Crack
C118.4	Create sub-procedures to solve complex problems	Create
C118.5	Handle large data using the concept of files	Apply
C118.6	Build the solutions to solve real world problems	Create

Course Outcomes(I Year EEE) 2018-19 Sem 1		
Course Name: Functional English		
NO	Course Outcome	Taxonomy
C111.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply
C111.2	Interpret technical texts, charts and pictures to understand the concepts	Understand
C111.3	Analyze multimedia content and various texts and improve listening and reading Skills.	Analyze
C111.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create
C111.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create
C111.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create
	Course Name: Mathematics-I	
NO	Course Outcome	Taxonomy
C112.1	Solve the various types of ordinary differential equations.	Apply
G110.0	Solve linear differential equations with variable coefficients and apply	
C112.2	this technique to solve electrical circuits, deflection of beams etc.	Apply
C112.3	Expand the function in Taylor series and find the radius of curvature.	Apply
C112.4	Utilize the technique of partial differentiation to find the Jacobian and the extreme values of functions of several variables.	Evaluate
C112.5	Evaluate the areas of regions and volumes of solids.	Apply
C112.6	Find the divergence and curl of vector point functions and apply Green's, Stokes and Gauss's divergence theorems to find line, surface and volume integrals.	Apply
	Course Name: Computer Programming	
NO	Course Outcome	Taxonomy
C113.1	Demonstrate the basic working of a Computer and Solve various	Apply
0115.1	problems using algorithmic approach.	Арргу
C113.2	Analyze and select appropriate operators and control structures to infer the problem.	Analyze
C113.3	Design solutions that handles homogenous and heterogeneous data	Create
C113.4	Estimate efficient memory utilization using pointers.	Evaluate
C113.5	Develop Solutions based on Modular approach for effective debugging.	Create
C113.6	Design programs using formatted console I/O and File I/O	Apply
	Course Name: Engineering Physics	
NO	Course Outcome	Taxonomy
C114.1	Demonstrate the properties of physical optics, lasers and fiber optics to various applications in science and technology	Apply
C114.2	Restate the basics of ultrasonic waves and the significance of structural properties of crystalline materials	Understand
C114.3	Assess the electrical properties through different electron theory models	Evaluate
C114.4	Interpret the mechanism of electron transport properties in solids and quantum mechanics (interchangeable picture) of subatomic world	Understand
C114.5	Examine the electrical properties based on the band theory and illustrate the magnetic properties in their applications	Apply
C114.6	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
C115 1	Discuss the Principles of Engineering Graphics and sketch the various	Annles
C113.1	Curves used in Engineering Practice	Аррту

C115.2	Sketch the projections of points and scales	Apply
C115.3	Draw the projections of lines and planes	Apply
C115.4	Sketch the projections of solids and its developments	Apply
C115.5	Draw the isometric projections of lines, Planes and simple solids	Apply
C115.6	Sketch Conversion of isometric Views to Orthographic Views.	Apply
	Course Name: English Language Communication Skills Lab	
NO	Course Outcome	Taxonomy
C116.1	Recite and state the importance of phonetics, accent, rhythm intonation and stress and practice them in day to day conversation.	Remember
C116.2	Understand the influence of mother tongue on English language and neutralize it to improve fluency in spoken English	Understand
C116.3	Summarizing multimedia content by watching videos on screen to acquire proficiency in written communication skills.	Understand
C116.4	Evaluate and exhibit acceptable etiquette essential in social and professional settings	Evaluate
C116.5	Build efficient Written communication skills by practicing project reports, film and book reviews.	Create
C116.6	Build the ability of using language effectively to face interviews, group discussions, public speaking	Create
	Course Name: Engineering Physics Lab	
NO	Course Outcome	Taxonomy
C117.1	Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept	Apply
C117.2	Evaluate the wavelength of various colors of grating and prism by spectrometer	Evaluate
C117.3	Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction	Evaluate
C117.4	Estimate the numerical aperture of a given optical fiber and hence to find its acceptance angle	Evaluate
C117.5	Estimate the magnetic field of a circular coil carrying current along the axis	Evaluate
C117.6	Measure the energy band gap of a given semiconductor material	Evaluate
	Course Name: Computer Programming Lab	
NO	Course Outcome	Taxonomy
C118.1	Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs	Analyze
C118.2	Apply decision making and looping statements to find solutions to problems	Apply
0110.0	Light Designed data to an a such as a more structure and a sint as	
C118.3	effectively and implement solutions using C language.	Apply
C118.3 C118.4	effectively and implement solutions using C language. Create sub-procedures to solve complex problems	Apply Create
C118.3 C118.4 C118.5	effectively and implement solutions using C language. Create sub-procedures to solve complex problems Handle large data using the concept of files	Apply Create Apply

	Course Outcomes(I Year MECHANICAL) 2018-19 Sem 1		
	Course Name: Functional English		
NO	Course Outcome	Taxonomy	
C111.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply	
C111.2	Interpret technical texts, charts and pictures to understand the concepts	Understand	
C111.3	Analyze multimedia content and various texts and improve listening and reading Skills.	Analyze	
C111.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create	
C111.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create	
C111.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create	
	Course Name: Mathematics-I		
NO	Course Outcome	Taxonomy	
C112.1	Solve the various types of ordinary differential equations	Apply	
C112.2	Solve linear differential equations with variable coefficients and apply this technique to solve electrical circuits, deflection of beams etc.	Apply	
C112.3	Expand the function in Taylor series and find the radius of curvature.	Apply	
C112.4	Utilize the technique of partial differentiation to find the Jacobian and the extreme values of functions of several variables	Evaluate	
C112.5	Evaluate the areas of regions and volumes of solids.	Apply	
C112.6	Find the divergence and curl of vector point functions and apply Green's, Stokes and Gauss's divergence theorems to find line, surface and volume integrals.	Apply	
	Course Name: Computer Programming		
NO	Course Outcome	Taxonomy	
C113.1	Demonstrate the basic working of a Computer and Solve various problems using algorithmic approach.	Apply	
C113.2	Analyze and select appropriate operators and control structures to infer		
	lie problem.	Analyze	
C113.3	Design solutions that handles homogenous and heterogeneous data	Analyze Create	
C113.3 C113.4	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers.	Analyze Create Evaluate	
C113.3 C113.4 C113.5	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging.	Analyze Create Evaluate Create	
C113.3 C113.4 C113.5 C113.6	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O	Analyze Create Evaluate Create Apply	
C113.3 C113.4 C113.5 C113.6	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry	Analyze Create Evaluate Create Apply	
C113.3 C113.4 C113.5 C113.6 NO	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome	Analyze Create Evaluate Create Apply Taxonomy	
C113.3 C113.4 C113.5 C113.6 NO C114.1	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially	Analyze Create Evaluate Create Apply Taxonomy Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers.	Analyze Create Create Apply Taxonomy Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.3	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials	Analyze Create Evaluate Create Apply Taxonomy Understand Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.3 C114.4	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials Differentiate the electrochemical sources of energy	Analyze Create Evaluate Create Apply Taxonomy Understand Understand Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.2 C114.3 C114.4 C114.5	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials Differentiate the electrochemical sources of energy Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion.	Analyze Create Evaluate Create Apply Taxonomy Understand Understand Understand Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.2 C114.3 C114.4 C114.5 C114.6	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials Differentiate the electrochemical sources of energy Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion. Describe the various engineering materials.	Analyze Create Evaluate Create Apply Taxonomy Understand Understand Understand Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.2 C114.3 C114.4 C114.5 C114.6	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials Differentiate the electrochemical sources of energy Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion. Describe the various engineering materials. Course Name: Environmental Studies	Analyze Create Evaluate Create Apply Taxonomy Understand Understand Understand Understand Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.3 C114.4 C114.5 C114.6 NO	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials Differentiate the electrochemical sources of energy Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion. Describe the various engineering materials. Course Name: Environmental Studies Course Outcome	Analyze Create Evaluate Create Apply Taxonomy Understand Understand Understand Understand Understand	
C113.3 C113.4 C113.5 C113.6 NO C114.1 C114.2 C114.2 C114.3 C114.4 C114.5 C114.6 NO C115.1	Design solutions that handles homogenous and heterogeneous data Estimate efficient memory utilization using pointers. Develop Solutions based on Modular approach for effective debugging. Design programs using formatted console I/O and File I/O Course Name: Engineering Chemistry Course Outcome Differentiate between hard and soft water. The disadvantages of using hard water domestically and industrially Explore the engineering application of polymeric materials and to understand the basic principle of polymers. Explain the conducting polymer and inorganic polymer materials Differentiate the electrochemical sources of energy Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion. Describe the various engineering materials. Course Name: Environmental Studies Course Outcome Gain the knowledge about environment , natural resources and different techniques involved in its conservation.	Analyze Create Evaluate Create Apply Taxonomy Understand Understand Understand Understand Understand Understand Understand Understand	

C115.3	Recognize the types of bio-diversity along with values and conservation methods.	Understand
C115.4	Gain the knowledge about various environmental pollutions and able to design the environmental friendly process in engineering.	Apply
C115.5	Gain the knowledge about sustainable development concept and practice it in life, society and Industry.	Apply
C115.6	Understand the both impacts of population growth on environment and needed measures to protect the environment.	Understand
	Course Name: English Language Communication Skills Lab	
NO	Course Outcome	Taxonomy
C116.1	Recite and state the importance of phonetics, accent, rhythm intonation and stress and practice them in day to day conversation.	Remember
C116.2	Understand the influence of mother tongue on English language and neutralize it to improve fluency in spoken English	Understand
C116.3	Summarizing multimedia content by watching videos on screen to acquire proficiency in written communication skills.	Understand
C116.4	Evaluate and exhibit acceptable etiquette essential in social and professional settings	Evaluate
C116.5	Build efficient Written communication skills by practicing project reports, film and book reviews.	Create
C116.6	Build the ability of using language effectively to face interviews, group discussions, public speaking	Create
Course Name: Engineering Chemistry Lab		
	Course Name: Engineering Chemistry Lab	
NO	Course Name: Engineering Chemistry Lab Course Outcome	Taxonomy
NO C117.1	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials	Taxonomy Create
NO C117.1 C117.2	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen	Taxonomy Create Analyze
NO C117.1 C117.2 C117.3	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water	TaxonomyCreateAnalyzeEvaluate
NO C117.1 C117.2 C117.3 C117.4	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results	TaxonomyCreateAnalyzeEvaluate
NO C117.1 C117.2 C117.3 C117.4 C117.5	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis	TaxonomyCreateAnalyzeEvaluateEvaluateApply
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluate
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluate
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateTaxonomy
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyze
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs	TaxonomyCreateAnalyzeEvaluateApplyEvaluateTaxonomyAnalyze
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeAnalyze
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language.	TaxonomyCreateAnalyzeEvaluateAnalyzeApplyTaxonomyAnalyzeAnalyzeApply
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3 C118.4	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language. Create sub-procedures to solve complex problems	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeAnalyzeApplyCreate
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3 C118.4 C118.5	Course Name: Engineering Chemistry Lab Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language. Create sub-procedures to solve complex problems Handle large data using the concept of files	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApply

Course Outcomes(I Year ECE) 2018-19 Sem 1		
	Course Name: Functional English	
NO	Course Outcome	Taxonomy
C111.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply
C111.2	Interpret technical texts, charts and pictures to understand the concepts	Understand
C111.3	Analyze multimedia content and various texts and improve listening and reading Skills.	Analyze
C111.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create
C111.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create
C111.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook.	Create
	Course Name: Mathematics-I	
NO	Course Outcome	Taxonomy
C112.1	Solve the various types of ordinary differential equations.	Apply
0112.2	Solve linear differential equations with variable coefficients and apply	A
C112.2	this technique to solve electrical circuits, deflection of beams etc.	Apply
C112.3	Expand the function in Taylor series and find the radius of curvature.	Apply
C112.4	Utilize the technique of partial differentiation to find the Jacobian and	Evoluoto
C112.4	the extreme values of functions of several variables.	Evaluate
C112.5	Evaluate the areas of regions and volumes of solids.	Apply
	Find the divergence and curl of vector point functions and apply	
C112.6	Green's, Stokes and Gauss's divergence theorems to find line, surface	Apply
	and volume integrals.	
	Course Name: Computer Programming	
NO	Course Outcome	Taxonomy
C113.1	Demonstrate the basic working of a Computer and Solve various	Apply
	problems using algorithmic approach.	11.2
C113.2	Analyze and select appropriate operators and control structures to infer the problem.	Analyze
C113.3	Design solutions that handles homogenous and heterogeneous data	Create
C113.4	Estimate efficient memory utilization using pointers.	Evaluate
C113.5	Develop Solutions based on Modular approach for effective debugging.	Create
C113.6	Design programs using formatted console I/O and File I/O	Apply
	Course Name: Engineering Chemistry	
NO	Course Outcome	Taxonomy
C114_1	Differentiate between hard and soft water. The disadvantages of using	Understand
C114.1	hard water domestically and industrially	Understand
C114.2	Explore the engineering application of polymeric materials and to understand the basic principle of polymers.	Understand
C114.3	Explain the conducting polymer and inorganic polymer materials	Understand
C114.4	Differentiate the electrochemical sources of energy	Understand
C114.5	Differentiate the various solid, liquid and gaseous fuels and their calorific values and combustion	Understand
C114.6	Describe the various engineering materials.	Understand
21110	Course Name: Environmental Studies	2 mort of und
NO	Course Outcome	Taxonomv
<u></u>	Gain the knowledge about environment, natural resources and different	
C115.1	techniques involved in its conservation.	Understand
C115.2	Get the information about different eco-systems and its functions.	Understand
-C1152	Recognize the types of bio-diversity along with values and conservation	Understand

	methods.		
C115 /	Gain the knowledge about various environmental pollutions and able to	Apply	
C113.4	design the environmental friendly process in engineering.	Аррту	
C115.5	Gain the knowledge about sustainable development concept and	Apply	
C115.5	practice it in life, society and Industry.	Аррту	
C115.6	Understand the both impacts of population growth on environment and	Understand	
0115.0	needed measures to protect the environment.	Chacistana	
	Course Name: English Language Communication Skills Lab		
NO	Course Outcome	Taxonomy	
C116.1	Recite and state the importance of phonetics, accent, rhythm intonation	Remember	
	and stress and practice them in day to day conversation.		
C116.2	Understand the influence of mother tongue on English language and	Understand	
	neutralize it to improve fluency in spoken English		
C116.3	Summarizing multimedia content by watching videos on screen to	Understand	
	Evaluate and exhibit accountable atiquette accountiel in accial and		
C116.4	evaluate and exhibit acceptable eliquette essential in social and	Evaluate	
	Build efficient Written communication skills by practicing project		
C116.5	reports film and book reviews	Create	
	Build the ability of using language effectively to face interviews, group		
C116.6	discussions, public speaking	Create	
	Course Name: Engineering Chemistry Lab		
	Course Mame, Engineering Chemistry Lab		
NO	Course Outcome	Taxonomy	
NO C117.1	Course Outcome prepare advanced polymer materials	Taxonomy Create	
NO C117.1 C117.2	Course Outcome Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen	Taxonomy Create Analyze	
NO C117.1 C117.2 C117.3	Course Outcome Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water	TaxonomyCreateAnalyzeEvaluate	
NO C117.1 C117.2 C117.3	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in	TaxonomyCreateAnalyzeEvaluate	
NO C117.1 C117.2 C117.3 C117.4	Course Outcome Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for	TaxonomyCreateAnalyzeEvaluate	
NO C117.1 C117.2 C117.3 C117.4	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results	TaxonomyCreateAnalyzeEvaluate	
NO C117.1 C117.2 C117.3 C117.4 C117.5	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis	TaxonomyCreateAnalyzeEvaluateEvaluateApply	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluate	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluate	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateTaxonomy	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateTaxonomy	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyze	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyze	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeAnalyze	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3	<th column="" second="" second<="" td="" the="" to=""><td>TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeApply</td></th>	<td>TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeApply</td>	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeApply
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language.	TaxonomyCreateAnalyzeEvaluateEvaluateApplyAanalyzeAnalyzeAnalyzeApply	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3 C118.4	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language. Create sub-procedures to solve complex problems	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeAnalyzeApplyCreate	
NO C117.1 C117.2 C117.3 C117.4 C117.5 C117.6 NO C118.1 C118.2 C118.3 C118.4 C118.5	Course Outcome prepare advanced polymer materials Analyze water sample for hardness & dissolved Oxygen Estimate Different impurities present in water Choose different types of titrations for estimation of concerned in materials using comparatively more quantities of materials involved for good results Use different types of instruments for quick and accurate analysis Estimate corrosion rate Course Name: Computer Programming Lab Course Outcome Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs Apply decision making and looping statements to find solutions to problems Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language. Create sub-procedures to solve complex problems Handle large data using the concept of files	TaxonomyCreateAnalyzeEvaluateEvaluateApplyEvaluateAnalyzeAnalyzeAnalyzeApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApplyApply	

Course Outcomes(I Year CSE) 2018-19 Sem 1		
Course Name: Functional English		
NO	Course Outcome	Taxonomy
C111.1	Use appropriate vocabulary and grammatical structures in speech and writing.	Apply
C111.2	Interpret technical texts, charts and pictures to understand the concepts	Understand
C111.3	Analyze multimedia content and various texts and improve listening and reading Skills.	Analyze
C111.4	Develop oral communication through participation in group discussions and interviews and seminars.	Create
C111.5	Build efficient written communication skills by practicing project reports, film and book reviews.	Create
C111.6	Develop study skills like summarizing, note making, through studying technical texts in the textbook	Create
	Course Name: Mathematics-I	
NO	Course Outcome	Taxonomy
C112.1	Solve the various types of ordinary differential equations.	Apply
G110.0	Solve linear differential equations with variable coefficients and apply	
C112.2	this technique to solve electrical circuits, deflection of beams etc.	Apply
C112.3	Expand the function in Taylor series and find the radius of curvature.	Apply
C112.4	Utilize the technique of partial differentiation to find the Jacobian and the extreme values of functions of several variables.	Evaluate
C112.5	Evaluate the areas of regions and volumes of solids.	Apply
C112.6	Find the divergence and curl of vector point functions and apply Green's, Stokes and Gauss's divergence theorems to find line, surface and volume integrals.	Apply
	Course Name: Computer Programming	
NO	Course Outcome	Taxonomy
C113.1	Demonstrate the basic working of a Computer and Solve various	Apply
C113.2	Analyze and select appropriate operators and control structures to infer	Analyze
C113.3	Design solutions that handles homogenous and beterogeneous data	Create
C113.3	Estimate efficient memory utilization using pointers	Evaluate
C113.5	Develop Solutions based on Modular approach for effective debugging	Create
C113.6	Design programs using formatted console I/O and File I/O	Apply
0115.0	Course Name: Engineering Physics	r ippij
NO	Course Outcome	Taxonomy
01111	Demonstrate the properties of physical optics, lasers and fiber optics to	A 1
C114.1	various applications in science and technology	Apply
C114.2	properties of crystalline materials	Understand
C114.3	Assess the electrical properties through different electron theory models	Evaluate
C114.4	Interpret the mechanism of electron transport properties in solids and quantum mechanics (interchangeable picture) of subatomic world	Understand
C114.5	Examine the electrical properties based on the band theory and illustrate the magnetic properties in their applications	Apply
C114.6	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
C115.1	Discuss the Principles of Engineering Graphics and sketch the various Curves used in Engineering Practice	Apply

C115.2	Sketch the projections of points and scales	Apply
C115.3	Draw the projections of lines and planes	Apply
C115.4	Sketch the projections of solids and its developments	Apply
C115.5	Draw the isometric projections of lines, Planes and simple solids	Apply
C115.6	Sketch Conversion of isometric Views to Orthographic Views.	Apply
	Course Name: English Language Communication Skills Lab	
NO	Course Outcome	Taxonomy
C116.1	Recite and state the importance of phonetics, accent, rhythm intonation and stress and practice them in day to day conversation.	Remember
C116.2	Understand the influence of mother tongue on English language and neutralize it to improve fluency in spoken English	Understand
C116.3	Summarizing multimedia content by watching videos on screen to acquire proficiency in written communication skills.	Understand
C116.4	Evaluate and exhibit acceptable etiquette essential in social and professional settings	Evaluate
C116.5	Build efficient Written communication skills by practicing project reports, film and book reviews.	Create
C116.6	Build the ability of using language effectively to face interviews, group discussions, public speaking	Create
	Course Name: Engineering Physics Lab	
NO	Course Outcome	Taxonomy
C117.1	Determine the radius of a curvature and / or thickness of thin wire using microscope with the help of interference concept	Apply
C117.2	Evaluate the wavelength of various colors of grating and prism by spectrometer	Evaluate
C117.3	Evaluate wavelength of light source and particle size with He-Ne laser using the principle of diffraction	Evaluate
C117.4	Estimate the numerical aperture of a given optical fiber and hence to find its acceptanceangle	Evaluate
C117.5	Estimate the magnetic field of a circular coil carrying current along the axis	Evaluate
C117.6	Measure the energy band gap of a given semiconductor material	Evaluate
	Course Name: Computer Programming Lab	
NO	Course Outcome	Taxonomy
C118.1	Analyze the operating system commands such as DOS/LINUX and study the environment to compile, debug and run C programs	Analyze
C118.2	Apply decision making and looping statements to find solutions to problems	Apply
C118.3	Utilize Derived data types such as arrays, structures and pointers effectively and implement solutions using C language.	Apply
C118.4		Create
011011	Create sub-procedures to solve complex problems	Citale
C118.5	Handle large data using the concept of files	Apply