CLASS	NAME OF THE SUBJECT	co	COURSE OUTCOME
FE (Term-I & II )	Physica	-	Physics
		817101/816101/	<ol> <li>To study brack a Law and medical to the innecess or askers, tokes or askers and adordations</li> <li>Various terms related to properties of materials such as, permeability, polarization, etc.</li> </ol>
		\$22101/\$24201/\$19201	<ol> <li>Some of the basic laws related to quantum mechanics as well as magnetic and delectric</li> </ol>
		/#11201/#12201	5. Simple quantum mechanics calculations
	Mathematica - I		6. Nanotechnology and their industrial applications.
		824102/819102/8111	1. Apply differential and integral calculus. Apart from some other applications they will have a basic understanding of Beta and Gamma functions.
		02/812102	<ol> <li>The fallouts of Mole's Theorem that is fundamental to application of analysis to Engineering problems.</li> <li>The tool of Fourier series for learning advanced Engineering Methematics.</li> </ol>
		1	4. To deal with functions of several variables that are essential in most branches of Engineering. The essential tool of matrices and linear algebra in a several variables that are essential in most branches of Engineering. The essential tool of matrices and linear algebra in a several variables.
	basic Electrical & Electronics Engineering	1	Busic Excercal & Exectionics Engineering 1. Students will be able to demonstrate knowledge of circuit analysis using various basic taws and theorems of electrical circuits
		817103/816103/	<ol> <li>Students will be able to demonstrate and understand definition and reliatorship of various AC circuits.</li> <li>Undemonstrate projection of DN interfere disets. Zener clients and their productions.</li> </ol>
		822103/824203/819203	4. Describe different configuration of Bipolar Junction Transistor.
		/811203/812203	5. Describe different configurations of FET 2. Individual advection advection Research Designs
		1	7. Describe use of the Basic gate and Universal gate
	Programming for Problem Solving		Programming for Problem Solving 1 To formulate simple adoptithms for arithmetic and lonical nonliams
		818104/ 816104 /	2. Understand the fundamentals of C programming.
		822104/824204/819204	To test and execute the programs and correct syntax and logical errors     Choose the locos and decision making statements to solve the problem.
		/811204/812204	5. To decompose a problem into functors and swithesize a complete program using divide and conquer approach
	Chamistry		<ol> <li>To use arrays, pointers and situatures to formulate algorithms and programs</li> <li>Chamistry</li> </ol>
		824101/819101/8111	1. Analyse microscopic chemistry in terms of atomic and molecular orbitals and intermolecular forces.
		/812101/817201/816	3. Rationalise periodic properties such as ionization potential, electronegativity, oxidation states and electronegativity.
		201/818201/822201	4.Rationalise bulk properties & processes using themodynamic considerations E. List anxies observed instantiant that an used in the contention
	Engineering Graphics		Engintering Graphics
		/812104/817203/81620	Introduction to engineering design and its place in society     Exposure to the visual appends of engineering design
		3/818203/822203	3. Exposure to engineering priorhics standards
	English	824103/819103	4. Explaine as sold modeling. English
		/#11103/#12103/#1720 4	<ol> <li>To accurate basic proficiency in English including reading and listening</li> <li>To demonstrate proficiency in the use of writen English, including proper spelling, Grammer and punctuation.</li> </ol>
		/816204/818204/82220	3. To enhance their ability to use spoken words in interpersonal communication, small group interactions and public speaking Comprehension, writing
	Workshop Practices Lab	4	4. Become accomplished lachrical communication. Workshop Practices Lab
			1. Able to fabricate components with their own hands.
			2.Hore to det oracice knowledge or the dimensional accuracies and dimensional tolerancespossible with different manufacturing processes. 3.Able to produce small devices of their interest and able to assemble different components.
	Physics Lab		Physics Lab 5. To study feasible and introduced to the existence of locate toward of locate and configurations.
		817105/816105/	2. Various terms related to properties of materials such as permeability polarization, etc.
		#22105/#24205/#19205	<ol> <li>Some of the basic laws related to quantum mechanics as well as magnetic and dielectric</li> <li>A semantics of methods</li> </ol>
		/#11205/812205	5. Simple guartum mechanica calculatore
	Basic Electrical and Electronics Engineering	1	5. Nanotechnology and their industriel applications. Basic Electrical and Electronics Engineering Lab.
		817105/816105/	1. Identify electrical and electronics components/equipments.
		#1#105/ #22105/#24205/#19205	3. Simplify D.C. network using Thevenin's Theorem.
		/811206/812206	4. Learn diode V-I Characteristic 5. Understand B.U.ex a switch
		1	6. Understand LED. JFET. SCR V-I characteristics
	Programming for Problem Solving Lab	E17107/10/007/	Programming for Problem Solving Lab 1. Understand the fundamentals of C programming.
		818107/	2. Choose the locos and decision making statements to solve the problem.
		822107/824207/819207	3. Use functions to solve the given problem. 4. Implement different Operators on arrays.
		/#1120//#1120/	5. Understand strings and structures.
	Chemistry Lab	\$24105/\$19105	Chemistry Lab
		/\$11106/812106/81720	1.Upon successful completion of lab Course, student will be able to: The chemistry laboratory course will consist of experiments illustrating the 2. Estimate rate constants of reservices from concentration of reactants introducts as a function of time.
		06	3 Measure molecular/system properties such as surface tension, viscosity, conductance of solutions, redox potentials, chloride content of water, etc.
	Engineering Graphics Lab		Contreside a situat drug molecula and analyse a sample .     Engineering Graphics Lab
		/\$12108/\$17207/\$1620	Introduction to engineering design and its place in society     Evensuse to the visual senantic of envineering design
		7/818207/822207	3. Exposure to engineering oniphica standarda
	Workshop Practices Lab	*14107/#10107/#11107	4. Exposure to solid modeling. Workshop Practices Lab
		/812105/817205/81620	1. Able to fabricate components with their own hands.
		5/818205 /822205	<ol> <li>Able to ber bractical whowedde or the dimensional accuracias and dimensional identification domains with dimension manufactured brocesses</li> <li>Able to produce small devices of their interest and able to assemble different components</li> </ol>
	English Leb	824107/819107/811107	English Lab
		8/818208/822208	2. The fluency in speech will be enterned.
	MATHEMATICS-I	817202/816202/8182	MATHEMATICS-II 1) I is a mathematical body nearlart in availation multiple intervals and their stane
		02/822202	2) Apply effective mathematical tools for the solutions of differential equations that model physical processes.
SE	Mathematica-II		3) Use tools of differentiation and integration of functions of a complex variable that are used in various techniques dealing engineering problems. Mathematics-III
SE Rem II	SE COMPUTERIT	CO-1	Solve field problems in engineering involving Oxtinary differential equations using Laplace Transform.
	-management of the second seco	CO-3	Formulate and solve problems involving random variables.
	<u> </u>	004	Appy statutos metroos for analyzing experimental data. Understand basic concepts of Fuzzy sets and perform fuzzy set operations
**		00.1	Randy mathematical addition differential constitues to the annionation modulement from face in industry.
Sem III	Engineering Mathematics-II	CO-2	Understand analytic function of a complex variable. Able to apply Cauchy Integral theorem and Cauchy residue theorem to solve contour integrations
		CO-3 CO-4	Acoby Leolace Transform and Inverse Laolace Transform which are very useful in solvine initial Value Problems. Apply Laplace Transform in solving problems related to their engineering field and other future courses.
		CO-8	Use Fourier transforms. Fourier Sine Transforms. Fourier Cosine transforms. Z transforms and their Inverses to solve various integration problems
SE	SE EATC	104	use mathematics in namer studies for analysis and optimal design of system.
Sem IV	Engineering Mathematics-II	CO-1	Apply methods of solving differential equations to the engineering problems they face in industry
		CO-3	Annual sectors and the sectors of a submerity of the sector of the sector and the sector response theorem to take contour integrations. Bolve field problems in engineering involving Ostinary differential equations using Laplace Transform
		CO-4 CO-5	Use Fourier transforms. 2 transforms and their Inverses to solve various integration problems Understand the differentiation of vectors and vector valued functions with their physical significance
A.F.	AT 010	00.4	And an advected of a state of the contract of the contract of the state of the stat
Sem III	Engineering Mathematics-II	CO-2	resety originate to exercise sectors and the sectors at the supersecting problems may race in industry. Identify and formulate INPF and solve with stress boundary conditions
		CO-3 CO-4	Describe and discuss the law terminology, concepts tools and techniques used in statistical analysis Apply statistical methods for analyzing experimental data
		C0-5	Understand the differentiation of vectors and vector valued functions with their physical significance
SE Sem II	SE CHEMICAL Engineering Mathematics-II	CO-1	Apply methods of solving differential equations to the engineering problems they face in industry
		CO-2	Identify and formalate IWP and solve with given boundary conditions
		CO-4	powe next procesms in engreening wholving Oxfanery differential equations using Laplice Transform. Describe and discuss the key terminology, concepts tools and techniques used in statistical analysis
	-	CO-5	Understand the differentiation and integration of vectors and vector valued functions with their obvical similicance
SE	SE Biotechnology	CO-1	Apply knowledge of mathematics in engineering and technology
SEM-II	Engineering Mathematics-II	CO-2 CO-3	Identify, formulate and solve engineering problems Desire Mathematical models for engineering problems and solve them
		and the second sec	A CONTRACT OF A
SE SEM-IV	SE Biotechnology Biostatistics	CO-1 CO-2	Able to use Probability distributions efficiently Also will be able to know a given set of data will follow which distribution. Able to calculate the mean and variance of a serebability distribution
SE SEM-IV	SE Biotechnology Biostatistics	CO-1 CO-2 CO-3	Able to use Probability distributions efficiently Also will be able to know a given set of data will follow which distribution. Able to calculate the mean and ventures of a probability distribution. Concentrals behaviors data and an efficiency and ensure data.
SE SEM-IV	SE Bistechnology Biostatistica	CO-1 CO-2 CO-3 CO-4 CO-5	As is a set brought, pathodium control, Alex with the Alex have a pinn of a fare will follow the Alexandronian Alexandronian and a set of the Alexandronian and the Alexandronian and Alexandronian and Alexandronian Alexandronian Case controls for the Alexandronian and a set of the Alexandronian and a set of the Alexandronian and Alex
SE SEM-IV	SE Bistechnology Biostatistica	CO-1 CO-2 CO-3 CO-4 CO-5 CO-6	Alls is an order of the second