Course Outcomes:

Course	Course Outcomes
SY CSE PART-I Engineering Mathematics-III	1. Students will able to understand and proficiently apply the relevant sciences and scientific methods to Engineering Mathematics, to design solutions to complex problems. 2. Students will able to identify, interpret and critically appraise current developments and advanced technologies and apply them to Engineering Mathematics. 3. Students will able to determine analyses and proficiently apply theoretical and numerical analysis of phenomena to conceive, control and optimize the performance of Engineering Mathematics. 4. Students will able to develop and implement creative and innovative approaches to problem solving.
SY CSE PART-I DMS	1. Student will be able to formulate problems precisely and solve the problems. 2. Student will be able to apply formal proof techniques, and explain their reasoning clearly. 3. Students can analyze basics knowledge gained by mathematical logic and apply them. 4. Use algorithms for suitable applications
SY CSE PART-I CAO	1. To train the students with concept of microprocessor and computer architecture and organization. 2. To provide the knowledge of instruction set of 8086 and assembly programming. 3. To analyze the memory operations
SY CSE PART –I OOP using C++	1. Student will be able to understand the features of C++ supporting object oriented programming 2. Student will be able to understand the relative merits of C++ as an object oriented programming language 3. Student will be able to understand how to produce object-oriented software using C++ 4. Student will be able to understand how to apply the major object-oriented concepts to implement object oriented programs in C++, encapsulation, inheritance and polymorphism
SY CSE PART –I Product Design Engineering	1. With the inclusion of concepts of 3D design, sketching. 2. Product manufacturing, digital designing, business communications, product design is the application of technology and designing knowledge in different product designing and manufacturing processes..
SY CSE PART-I Programming in Java	1. The students will be able to apply object oriented features to real time entities. 2. The students will be able handle exceptions & implement multithreaded programs. 3. The students will be able implement database programming. 4. The students will be able design & implement GUI with event handling 5. The students will be able develop I/O & networking programs.

SY CSE PART-I Python Programming	1. Students will understand Python programming basics and paradigm. 2. Students will understand python looping, control statements and string manipulations. 3. Students will be made familiar with the concepts of GUI controls and designing GUI applications. 4. Students will understand concepts of file handling, exception handling and database connectivity. 5. Design and implement a program to solve a real world problem. 6. Students will make database connectivity in python programming language.
SY CSE PART-I HTML & JavaScript	1. Students will understand programming in HTML and JavaScript. 2. Students will develop web applications using HTML. 3. Student will be able to design console websites using HTML and JavaScript.
SY CSE PART-II Operating System	1. Will be able to define, formulate problem definitions for designing various modules of operating system. 2. Will be able to design the modules of operating system that meets the realistic constraints such as economic, environmental, health safety & sustainability. 3. The student will be able to analyze use of existing OS (platform independent feature of operating system software), as well as design the operating system for multidisciplinary application areas. 4. Will be able to analyze the impact of design of operating system on various aspects such as environmental, economic, social environment. 5. Will be able to develop the algorithms or modify the existing algorithms to solve the problems in current designs as per the need of application.
SY CSE PART-II Design and analysis of Algorithms	1. The student will be able to define, formulate problem definitions for designing algorithms. 2. The student will be able to understand the syntax and design algorithms. 3. The student will be able to use the various design methods and skills to solve the problem like TSP, Knapsack. 4. The student will be able to describe divide and conquer paradigm and explain when an algorithmic design situation calls for it. 5. Will be able to analyze graph algorithms and apply graph concept to model engineering problems. 6. Will be able to design the algorithm that meets the realistic constraints such as Economic, Time constraint, Space constraint 7. The student will be able to conclude which algorithmic method is better for given problem. 8. The student will be able to modify the existing algorithms to solve the problems in current designs as per the need of application.

TY CSE PART-I Theory of computation	**1.** Student will be able to define, formulate problem definitions for designing machines **2.** Student will be able to identify and formulate the problems in a Finite Automata and also verify the performance of a machine by giving the input**.** **3.** Student will be able to design Regular Expression for multidisciplinary application areas **4.** Student will be able to develop and implement creative and innovative approaches to problem solving **5.** Student will be able to build the techniques and skills to design syntactically correct Regular Languages using Context Free Grammar **6.** Student will be able to use the techniques and skills to design syntactically correct Regular Languages using Context Free Grammar **7.** Student will be able to design TM for multidisciplinary application areas. **8.** Student will be able to build the programming technique for Turing machine
TY CSE PART-I Database Management System	1. Will be able to define, formulate problem definitions for designing various modules database management system. 2. Will be able to design the database system that meets the realistic constraints such as Economic, Environmental, Health Safety, and Sustainability. 3. The student will be able to analyze existing databases for multidisciplinary application areas. 4. Student will be able will be able to analyze the impact of design of database system on various aspects such as environmental, economic, social environment. 5. Student will be able will be able to develop and modify the existing database systems to solve the 6. Student will be able understand problems in current designs as per the need of application. 7. Student will be able Plan, organize and use computer resources as well as manpower efficiently by developing efficient database applications. 8. Knowledge of contemporary issues. 9. Communicate effectively on both technical and general issues with peers, associates, 10. Clients and the general public to define the problem specification.
TY CSE PART-II Computer Network	1. To understand fundamental concepts of computer networking and functionality of layered network architecture. 2. To understand wireless and mobile networking concepts 3. To apply networking concepts to various situations, classifying networks, analysing performance of computer network infrastructure.
TY CSE PART-II Compiler Design	1. Will be able to define, formulate problem definitions for designing various types of compiler. 2. Will be able to design programs using LEX, YACC tools for multidisciplinary application areas and will be able to maintain it on field. 3. Will be able to use the techniques and skills to design a program by using compiler. 4. Will be able to identify and formulate the problems in a program and also verify the performance of a program. 5. Will be able to design the software program for various application areas using compiler construction tools, the computer resources and components, to meet the desired needs. 6. Will be able to develop and implement creative and innovative approaches to problem solving.

Final Year CSE PART-I Digital Image Processing (Elective-VIII)	1. Students should be able to understand digital image processing beyond the fundamental level. 2. To study complete digital image processing steps. 3. Students should be able to choose appropriate image processing algorithm to achieve desired result. 4. Students should be able to properly implement DIP algorithms using modern computing tools Such as MATLAB, interpret and present the results.
Final Year CSE PART –I Elective 9- Cloud Computing	1. To learn and understand Cloud Technologies 2. To design, develop and deploy Cloud applications 3. To get acquainted with the challenges and security aspects of Cloud Computing. 4. To study Mobile Cloud Applications
Final Year CSE PART –II Software Engineering	1. Will be able to use OOPS concepts, various computer architectures, languages for programming and UML to design software models. 2. Will be able to define, formulate & analyze the problem definition also hardware, software & other computing requirements to design a software solution for it. 3. Will be able to design software using software engineering phases to meet the desired needs of a client within the realistic constraints such as environmental ethical, economic, political, manufacturing, and sustainability. 4. Will be able to design software projects in various application areas like business, research, commercial, banking internet, mobile applications and maintain it. 5. Will develop the software as per software engineering standards, & rules led by the society. 6. Will be able to analyze the impact of software on world economy, social aspects. 7. Will be able to plan organize software development process so that computer resourcesefficiently.