



COURSE OUTCOMES (AU, 2016-20)

Course Name: Data Structures-CSE 2.1.1 Faculty Name: Sri. G. Pavan Year of Study: 2017–18	
C211.1	Able to understand the concepts of linear & nonlinear Data Structures.
C211.2	Able to apply the concepts of linear & nonlinear Data Structures.
C211.3	Able to analyze the time complexities of various Data Structures.
C211.4	Able to evaluate the linear and nonlinear data structures in a given application.

Course Name: Elements of Electrical Engineering - CSE 2.1.2 Faculty Name: Sri. Y. Bhaskar Year of Study: 2017–18	
C212.1	Define and acquire knowledge on semiconductor physics.
C212.2	Illustrate the structure, creation of electric field and working of PN Junction Semiconductor Diodes.
C212.3	Describe the various modes of operation of transistors (BJT), FETs, MOSFETs.
C212.4	Develop the capability to analyze simple electronic circuits using diodes, transistors and FETs.

Course Name: Discrete Mathematical structures CSE 2.1.3 Faculty Name: Sri. G. Vihari Year of Study: 2017–18	
C213.1	Students Will be able to Understand the fundamental concepts of DMS.
C213.2	Students Will be able to Apply various algorithms and problems on growth of the functions, mathematical inductions, counting techniques in DMS.
C213.3	Students Will be able to Evaluate various theorems on sets, relations, functions, and graphs.
C213.4	Students Will be able to Create various Graphs and Turing Machines.

Course Name: Object oriented Programming -CSE 2.1.4 Faculty Name: Sri. E.B.K. Manash Year of Study: 2017–18	
C214.1	Students Will be able to understand fundamental concepts of object oriented programming.
C214.2	Students Will be able to apply how object oriented concepts implemented in c++.
C214.3	Students Will be able to analyze how object oriented concepts implemented in programming.
C214.4	Students Will be able to create programs by using templates, exception handling and object oriented concepts.

Course Name: Systems Programming -IT 2.1.5 Faculty Name: Smt. J. Malathi Year of Study: 2017-18	
IT215.1	Able to understand the concept of system programming basics in assembly language, operating system and fundamentals of system softwares.
IT215.2	Able to apply the concept of system software in developing different system components like assemblers, loaders, macros.
IT215.3	Able to analyze the design constructs of assemblers, loaders, macros.

Course Name: Digital Logic Design-CSE 2.1.6 Faculty Name: Sri A.M.K. Kanna Babu Year of Study: 2017-18	
C216.1	Able to understand Binary Systems, number system, Boolean Functions, Logic Gates, Combinational Circuits, Sequential Circuits and memories.
C216.2	Able to apply number systems, Boolean functions and logic gates for the design logic circuits.
C216.3	Able to analyze different logic circuits combinational and sequential circuits for designing logic circuits.
C216.4	Able to design different logic ,combinational and sequential circuits for storing and calculating different operations like arithmetic, logical and relational etc.

Course Name: Data structures Lab -CSE 2.1.7 Faculty Name: Sri.G. Pavan Year of Study: 2017-18	
C217.1	Student will understand the various linear and nonlinear data structures.
C217.2	Student will be able apply the various data structures in different applications.
C217.3	Student will be able to analyze the difference between linear and nonlinear.
C217.4	Student will be able to evaluate the various application using data structures.

Course Name: Oops LAB-CSE 2.1.8 Faculty Name: Sri E.B.K.Manash Year of Study: 2017-18	
C218.1	Students Will be able to understand different object oriented programming concepts.
C218.2	Students Will be able to apply varies object oriented programming concepts to several problems.
C218.3	Students Will be able to evaluate the varies applications using object oriented programming.
C218.4	Students Will be able to design and develop applications in C++.

Course Name: Operating Systems -CSE 2.2.1 Faculty Name: Smt. J.Malathi & Sri E.B.k.Manash Year of Study: 2017-18	
C221.1	Understands OS evolution, its structure and all the services provided by it..
C221.2	Apply the process scheduling, policies ,mechanisms, process synchronization, inter process communication, dead locks for processes , paging and segmentation techniques in memory Management.
C221.3	Analyze various CPU scheduling, disk scheduling, deadlocks, non-contiguous memory allocation algorithms.
C221.4	Evaluate process scheduling, replacement algorithms files system & implementation issues, disk scheduling, UNIX/ LINUX / Windows OS platforms and other process subsystem related concepts.

Course Name: Computer Organization -CSE 2.2.2 Faculty Name: Sri A.M.K.KannaBabu Year of Study: 2017-18	
C222.1	Able to Understand the various concepts of Register transfer language, control unit, central Processing unit, vector processing, memory and I/O devices.
C222.2	Able to Apply the various components of central processing unit, control unit, memory and I/O devices for organizes the computer.
C222.3	Able to Analyze the various concepts of Register transfer language, control unit, central Processing unit, vector processing, memory and I/O devices.

Course Name: Micro Processor -CSE 2.2.3 Faculty Name: Sri P.Ramaiah chowdary Year of Study: 2017-18	
C223.1	Students Will be able to Understand the basic architectures of 8085 and 8086 Microprocessors.
C223.2	Students Will have ability to write ALP programs using instruction sets.
C223.3	Students Will be able to analyze the various interfacing concepts and micro controllers.

Course Name: Data Communications-CSE 2.2.4 Faculty Name: Smt.B.Lalitha Bhavani Year of Study: 2017-18	
C224.1	Will be able to understand the basic concepts like protocol, networking, transmission media, Signals, data and various Types of Modems and Multiplexers for effective data communication.
C224.2	Will be able to Apply various data communication Techniques to solve different errors.
C224.3	Will be able to Analyze various data communication hardware Processors

Course Name: ICJP -IT 2.2.5 Faculty Name: Dr.K.Satyanarayana Year of Study: 2017-18	
C225.1	Able to Remember the concepts of Object Oriented Programming and Programming fundamentals.
C225.2	Able to Understand the basics like HTML, OOP concepts, Java Programming and Networking with Java API.
C225.3	Able to Apply the concepts of HTML, OOP and Java Programming.

Course Name: Operation Research-CSE 2.2.6 Faculty Name: Sri S.RaviKumar Year of Study: 2017-18	
C226.1	Solve LPP problems using various methods.
C226.2	Solve Transportation, Assignment problems using several methods and travelling salesman problems, sequencing problem.
C226.3	Understand the PERT and CPM charts.
C226.4	Analyze the replacement problems, Game theory problems and inventory management with real time applications

Course Name: Environmental Studies -CSE 2.2.7 Faculty Name: Sri V.Vamsi Krishna Year of Study: 2017-18	
C227.1	Ability to acquire knowledge about the importance of environment & availability of resources
C227.2	Understand different environmental challenges induced due to anthropogenic activities as well as nature.
C227.3	Able to identify the solutions to the environmental problems for the sake of healthy life by Protecting our natural resources.
C227.4	Create awareness on the social issues, environmental protection acts.
C227.5	Able to understand the environmental impact of developmental activities.

Course Name: ICJP LaB -IT 2.2.8 Faculty Name: Sri DR.K.Satyanarayana Year of Study: 2017-18	
C228.1	Able to Understand the basics like HTML, OOP concepts, Java Programming and Networking with Java API.
C228.2	Able to Apply the concepts of HTML to create static and dynamic web pages.
C228.3	Able to Apply the concepts of OOP using Java.
C228.4	Able to Analyze the concepts of HTML, OOP and Java Programming.

Course Name: DE &MP LaB -CSE 2.2.9 Faculty Name: Sri P.Ramaiah Chowdary Year of Study: 2017-18	
C229.1	Student will be able to understand the logic gates half adders, full adders, flip flop to design a Circuit.
C229.2	Student will be able to develop the skill of writing microprocessor programming.
C229.3	Student will be analyze the interfacing of microprocessor.

Course Name: Computer Networks -CSE 3.1.1 Faculty Name: Sri.N.Prasad Year of Study: 2018-19	
C311.1	Student will be able to Understand the basic and advanced concepts of computer network like layered architecture, internetworking devices and Adhoc networks etc.
C311.2	Student will be able to Apply various architectures/protocols /techniques needed to solve complex problems with given requirements
C311.3	Student will be able to Analyze the various architectures/protocols/Techniques needed to design a computer network with given requirements

Course Name: Web Technology - CSE 3.1.3 Faculty Name: Sri Dr. K.Satyanarayana Year of Study: 2018-19	
C313.1	Students able to understand different web technologies like HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.
C313.2	Students able to apply different web technologies like HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.
C313.3	Students able to develop web applications using HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.

Course Name:FLAT CSE 3.1.4 Faculty Name: Sri.K.Lakshmaji Year of Study: 2018-19	
C314.1	Able to Understand the fundamental concepts of Automata and their Languages.
C314.2	Able to Apply various Automata from the given Language Classes.
C314.3	Able to Analyze Automata for different language classes.
C314.4	Able to Design grammars and automata for different language classes.

Course Name:DBMS -CSE 3.1.5 Faculty Name: Sri.P.Ramaiah Chowdary Year of Study: 2018–19	
C315.1	Students will be able to Understand the basic concepts of Data Base, Relational Model, Transaction Management, Concurrency Control, and Crash Recovery.
C315.2	Students will be able to Apply ER Model for designing Conceptual Data Base AND Relational Model for designing Logical Data Base.
C315.3	Students will be able to Analyze the concepts of Relational Algebra ,Schema Refinement and Normalization.
C315.4	Students will be able to Design Data Base applications using SQL Queries

Course Name: CGMM -CSE3.1.6 Faculty Name: Smt.G.KrishnaVeni Year of Study: 2018–19	
IT316.1	Understand the basic concepts of Computer graphics like algorithmic concepts, attributes, 2D and 3D transformations and comprehension of viewing and also multimedia concepts like multimedia system design, file handling and hypermedia.
IT316.2	Implement various graphing drawing algorithms to generate objects and apply 2D and 3D transformations and clipping algorithms and apply compression and decompression techniques on image and files
IT316.3	Able to analyze the various display technologies, projection methods compression techniques and file formats
IT316.4	Able to develop an interactive multimedia presentation by using multimedia devices and identify theoretical and practical aspects in designing.

Course Name: DBMS LAB -CSE 3.1.8 Faculty Name: Smt.T.SatyaNagaMani Year of Study: 2018–19	
C318.1	Student will be able to understand the commercial RDBMS environment.
C318.2	Student will be able to learn how to run SQL commands for data definition and manipulation
C318.3	Student will be able to analyze the database design steps on various case studies.

Course Name: web Technology Lab -CSE 3.1.9 Faculty Name: Dr.K.Satyanaraana Year of Study: 2018–19	
C319.1	Students able to understand different web technologies like HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.
C319.2	Students able to apply different web technologies like HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.
C319.3	Students able to analyze different web technologies like HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.
C319.4	Students able to develop web applications using HTML,CSS, JAVASCRIPT, XML, SERVLET PHP and MySql.

Course Name: DWDM - CSE 3.2.1 Faculty Name: Sri E.B.K.Manash & Sri P.Rajendra kumar Year of Study: 2018–19	
C321.1	Understand functionalities of various Data Mining and Data Warehousing Concepts
C321.2	Apply various Data mining functionalities and statistical methods to extract useful information from raw data
C321.3	Analyze different methodologies and techniques used in Data Mining and Data Warehousing to discover interesting patterns from different kinds of data

Course Name: OOSE -CSE 3.2.2 Faculty Name: Sri V.Gopinath Year of Study: 2018–19	
C322.1	Ability to define the problem and perform the requirement engineering.
C322.2	Ability to draw UML diagrams for the requirements gathered.
C322.3	Ability to describe the software design techniques, architectures and managing the software process.
C322.4	Ability to Discuss various testing strategies and Test whether all requirements specified have been achieved or not.

Course Name: DAA -CSE 3.2.4 Faculty Name: Smt.J.Malathi Year of Study: 2018–19	
C324.1	Able to Understand various algorithms, data structures, NP Class problems and able to justify the correctness of algorithms using inductive proofs and invariants
C324.2	Able to Apply various techniques like divide and conquer, transform and conquer, dynamic programming, greedy technique backtracking to solve different problems.
C324.3	Able to Analyze the space and time complexity theory.
C324.4	Able to Design various algorithms for problems and complexity classes of P,NP and NP-complete,back tracking etc.

Course Name: E-Commerce -CSE 3.2.5 Faculty Name: Sri.G.Pavan Year of Study: 2018–19	
C325.1	Able to Understand the fundamental concepts of Electronic commerce environment and modes.
C325.2	Able to Identify the approaches and authenticate methods for safe E-Commerce.
C325.3	Able to Apply secure E-mail technologies for E-Commerce.
C325.4	Able to Use the key aspects of Internet Resources for Commerce, internet Access.

Course Name: Compiler Design -CSE 3.2.6 Faculty Name: Sri.A.M.K.KannaBabu Year of Study: 2018–19	
C326.1	Able to understand finite automata and phases of compiler.
C326.2	Able to apply automata theory on lexical analyzer.
C326.3	Able to analyze syntax and semantic error by using parsing techniques and syntax directed translations schemes.
C326.4	Able to implement various parsing, conversion, optimization and code generation algorithms for the design of a compiler.

Course Name:CNS -CSE 3.2.7 Faculty Name: Sri N.Prasad Year of Study: 2018–19	
C327.1	Student will be able to Understand the fundamental principles of cryptography and its applications on the network security domain.
C327.2	Student will be able to Apply various cryptographic techniques for secure (confidential) communication of two parties over an insecure (public) channel; verification of the authenticity of the source of a message.
C327.3	Student will be able to Analyze various approaches to Encryption techniques, strengths of Traffic Confidentiality, Message Authentication Codes.

Course Name:Software Engineering Mini Project Lab -CSE 3.2.8 Faculty Name: Sri V.Gopinath Year of Study: 2018–19	
C328.1	Able to draw UML diagrams using IBM Rational Rose
C328.2	Able to perform forward engineering and reverse engineering by utilizing a modern tool.
C328.3	Implement a Mini-Project by following the software engineering practices as a team.

Course Name: CGMM LaB -IT 3.2.9 Faculty Name: Smt.G.Krishnaveni Year of Study: 2018–19	
C329.1	Understand various computer Graphics functions and how to use them in program and understands the usage of tools in Photoshop and macromedia flash player.
C329.2	Apply various algorithms for generating the basic output primitives by using the graphics functions.
C329.3	Analyze the differences while generating and 2d graphics and 3d graphics application programs.
C329.4	Able to evaluate graphic design projects with animations using computer graphics software.

Course Name: Embedded Systems -CSE 4.1.1 Faculty Name: Smt.T.SatyaNagamani Year of Study: 2019–20	
C411.1	Student will be able to understand the basics of Embedded Systems , development tools ,debugging techniques and Internet of Things
C411.2	Student will be able to apply the programming basics of 8051 micro controller.
C411.3	Ability to analyze the concepts of Embedded systems, related to RTOS, Inter Task Communication methods and design issues
C411.4	Ability to evaluate small IOT applications with embedded devices in real time

Course Name: Cloud Computing - IT 4.1.2 Faculty Name: Sri E.B.K.Manash Year of Study: 2019–20	
IT 412.1	Student will be able to understand fundamental and emerging concepts of cloud computing
IT 412.2	Student will be able to apply cloud computing concepts in designing the third party cloud with private space
IT 412.3	Student will be able to analyze various cloud computing services and recommendations according to applications used

Course Name: Artificial Intelligence IT 4.1.3 Faculty Name: Dr. S.Krishna Rao Year of Study:2019–20	
IT413.1	Understands AI problems characteristics, state space approach for solving AI problems, production system framework.
IT413.2	Learn several optimal search strategies and the use of heuristics.
IT413.3	Learn relational, inferential, inheritable and procedural knowledge and the corresponding knowledge representation approaches.
IT413.4	Apply AI problems solving approaches to natural language processing, planning and expert system.

Course Name: PE&M -CSE 4.1.4 Faculty Name: Smt.G.KrishnaVeni Year of Study: 2019–20	
C414.1	Understand the links between production costs and the economic models of supply
C414.2	Represent supply, in graphical form, including the upward slope of the supply curve and what Shifts the supply curve.
C414.3	Understand how different degrees of competition in a market effect pricing and output
C414.4	Apply economic reasoning to individual and firm behavior.

Course Name: BDA -CSE4.1.6 Faculty Name: Sri.V.Gopinath Year of Study: 2019–20	
C416.1	Understand the basic concepts of big data and adopt the advanced concepts of big data like map reduces HDFS and Graphs by utilizing modern tools like hadoop, spark, pig and hive.
C416.2	Apply Map Reduce Programming and adopt the advanced map reduce programming techniques on big data by utilizing a modern tool.
C416.3	Analyze the Big data concepts like HDFS and Map reduce by utilizing modern tools like hadoop with an understanding of the limitations.

Course Name: Knowledge Engineering LAB -CSE 4.1.7 Faculty Name: Sri.V.Gopinath Year of Study: 2019–20	
C417.1	Students would able to identify the state of art of the Knowledge engineering tools like R, Weka, CLIPS and PROLOG.
C417.2	apply several data analytics operations, data mining techniques ,forward or backward chaining by using R,WEKA ,CLIPS/PROLOG respectively as individual.
C417.3	Analyze the Knowledge brought out by the experiments as an individual by using any analytical tool.

Course Name: NP Lab -CSE 4.1.8 Faculty Name: Smt.G.KrishnaVeni & Sri.E.B.k.Manash Year of Study: 2019–20	
C418.1	Student will understand protocols used in NP
C418.2	Student will be able apply the various NP protocols to different applications.
C418.3	Student will be able to Analyze applications in NP.
C418.4	Student will be able to evaluate the various applications using NP protocols

Course Name: IOT Lab -CSE 4.1.9 Faculty Name: Sri P.Ramaih Chowdary Year of Study: 2019–20	
C419.1	Student will understand protocols used in IOT.
C419.2	Student will be able apply the concepts of IOT to different applications.
C419.3	Student will be able to design and develop applications in IOT.
C419.4	Student will be able to evaluate the data from IOT applications.

Course Name: PROJECT Lab -IT 4.2.1 Faculty Name: Sri .N.Prasad & Sri P.Ramaih Chowdary Year of Study: 2019–20	
C421.1	Able to understand software engineering, process models.
C421.2	Able to gather and document the requirements of the real world.
C421.3	Able to design architecture of the application and develop the data store layout
C421.4	Able to implement solutions using programming languages.