

Department of Information Science Engg.

Course Outcome Statement

Course:	Code: 18MAT31 TRANSFORM CALCULUS, FOURIER SERIES AND	Faculty: KSHAMA JAIN	Academic Year: 2019 – 20
	Statement		
Course 301.1	Use Laplace transforms to determine general or complete solutions to linear ODE		
Course 301.2	Know the use of periodic signals and Fourier series to analyze circuits and system communications.		
Course 301.3	Explain the general linear system theory for continuous-time signals and digital signal processing using the Fourier Transform and z-transform		
Course 301.4	Solve first and second order ordinary differential equation arising in flow problems using single step and multistep numerical methods		
Course 301.5	Employ appropriate numerical methods to solve algebraic and transcendental equations.		

Course Outcome Statement

Course:	Code:18CS32 DATA STRUCTURES AND APPLICATIONS	Faculty: SRINIVAS B V	Academic Year: 2019 – 20
	Statement		
Course 302.1	Students will be able to organize the data into linear and non-linear data structure models.		
Course 302.2	Student will be able to implement operations like searching, sorting, insertion, deletion and traversing mechanism etc. on various data structures.		
Course 302.3	Student will be able to compare between different data structures and choose appropriate data structure for realization of simple programs.		
Course 302.4	Students will be able to formulate new solutions for problems or improve existing code using learned data structures.		

Course Outcome Statement

Course:	Code:18CS33 ANALOG AND DIGITAL ELECTRONICS	Faculty: VEERESH B HATTI	Academic Year: 2019 – 20
	Statement		
Course 303.1	Design and analyse the applications of analog devices such as optoelectronic device, IC multivibrators, Linear power supplies and Opamps		
Course 303.2	Simplify digital circuits using Karnaugh Maps, Quine-McClusky method		
Course 303.3	Illustrate and design the different data processing circuits		
Course 303.4	Design the different types of registers by applying the knowledge of flip flops and gates		
Course 303.5	Design the different types of Counters, Analog-to-Digital and digital-to-analog conversion techniques		

Course Outcome Statement

Course:	Code:18CS34 COMPUTER ORGANIZATION	Faculty: KAVITHA S PATIL	Academic Year: 2019 – 20
	Statement		
Course 304.1	To provide an overview of computer hardware and software.		
Course 304.2	Describe the basic organization of computer and different instruction formats and addressing modes.		
Course 304.3	Understand the basic organization of computer and different instruction formats and addressing modes.		
Course 304.4	Analyze the concept of pipelining, segment registers and pin diagram of CPU		
Course 304.5	Evaluate various modes of data transfer between CPU and I/O devices		

Course Outcome Statement

Course:	Code: 18CS35 SOFTWARE ENGINEERING	Faculty: SANGAMESH GAMA	Academic Year: 2019 – 20
	Statement		
Course 305.1	Explain the fundamentals of software, requirement engineering and software process model.		
Course 305.2	Apply the knowledge of system model for development of software		
Course 305.3	Plan the software testing strategy and use various metrics and evolution process		
Course 305.4	Apply the techniques, skills, and modern engineering tools for project planning		
Course 305.5	Applying the concept of agile software development methods		

Course Outcome Statement

Course:	Code:18CS36 DISCRETE MATHEMATICAL STRUCTURES	Faculty: KSHAMA JAIN	Academic Year: 2019 – 20
	Statement		
Course 306.1	Use propositional and predicate logic in knowledge representation and truth verification.		
Course 306.2	Demonstrate the application of discrete structures in different fields of computer science		
Course 306.3	Solve problems using recurrence relations and generating functions		
Course 306.4	Application of different mathematical proofs techniques in proving theorems in the courses		
Course 306.5	Compare graphs, trees and their applications.		

Course Outcome Statement

Course:	Code:18CSL37 ANALOG AND DIGITAL ELECTRONICS LAB	Faculty: VEERESH B H/KAVITHA S P	Academic Year: 2019 – 20
	Statement		
Course 307.1	Use appropriate design equations / methods to design the given circuit.		
Course 307.2	Examine and verify the design of both analog and digital circuits using simulators.		
Course 307.3	Make use of electronic components, ICs, instruments and tools for design and testing of circuits for the given the appropriate inputs.		

Course 307.4	Compile a laboratory journal which includes; aim, tool/instruments/software/components used, design equations used and designs, schematics, program listing, procedure followed, relevant, theory, results as graphs and tables, interpreting and concluding the findings.
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Course Outcome Statement			
Course:	Code: 18CSL38 DATA STRUCTURES LAB	Faculty: SRINIVAS B V/VAISHALI	Academic Year: 2019 – 20
	Statement		
Course 308.1	Be able to design and analyze the time and space efficiency of the data structure		
Course 308.2	Be capable to identify the appropriate data structure for given problem		
Course 308.3	Have practical knowledge on the applications of data structures		

Course Outcome Statement			
Course:	Code:18MAT41 Mathematics	Faculty:MAHESH	Academic Year: 2019 – 20
	Statement		
Course 401.1	Use the concepts of analytic function and complex potentials to solve the problems arising in electromagnetic field theory.		
Course 401.2	Utilize conformal transformation and complex integral arising in aerofoil theory, fluid flow visualization and image processing.		
Course 401.3	Apply discrete and continuous probability distributions in analyzing the probability models arising in engineering field.		
Course 401.4	Make use of the correlation and regression analysis to fit a suitable mathematical model for the statistical data		
Course 401.5	Construct joint probability distributions and demonstrate the validity of testing the hypothesis		

Course Outcome Statement			
Course:	Code:18CS42 Design and Analysis of Algorithms	Faculty:SHEBA JEBAKANI	Academic Year: 2019 – 20
	Statement		
Course 402.1	Describe computational solution to well known problems like searching, sorting etc		
Course 402.2	Estimate the computational complexity of different algorithms.		
Course 402.3	Develop an algorithm using appropriate design strategies for problem solving.		

Course Outcome Statement			
Course:	Code:18CS43 Operating Systems	Faculty:SHRUTHI B	Academic Year: 2019 – 20
	Statement		
Course 403.1	Demonstrate need for OS and different types of OS		
Course 403.2	Discuss suitable techniques for management of different resources		
Course 403.3	Discuss suitable techniques for management of different resources		
Course 403.4	Explain the different concepts of OS in platform of usage through case studies		

Course Outcome Statement			
Course:	Code:18CS44 Microcontroller and Embedded System	Faculty:KAVITHA S PATIL	Academic Year: 2019 – 20
	Statement		
Course 404.1	Describe the architectural feature and instruction of ARM microcontroller		
Course 404.2	Interface external devices and I/O with ARM microcontroller		
Course 404.3	Interpret the basic hardware components and their selection methods based on the characteristics and quality attributes of an embedded system		
Course 404.4	Develop the hardware/software co design and firmware design approach		
Course 404.5	Identify an appropriate RTOS for an embedded system and develop application using RTOS		

Course Outcome Statement			
Course:	Code:18CS45 Object Oriented concepts	Faculty:VEERESH HATTI	Academic Year: 2019 – 20
	Statement		
Course 405.1	Understand the fundamental concepts and features of object oriented programming in C++ and JAVA.		
Course 405.2	Write computer Programs using the concepts like inheritance, exception handling, packages, multithreading.		
Course 405.3	Develop simple GUI interfaces for a computer program to interact with users, and Event-based GUI handling principles using Applets and swings.		
Course 405.4	Use the Java SDK (IDE) environment to create, debug and run the programs.		

Course Outcome Statement			
Course:	Code:18CS46 Data Communication	Faculty:AEMI KALARIA	Academic Year: 2019 – 20
	Statement		
Course 406.1	Illustrate basic computer network technology		
Course 406.2	Identify the different types of network topologies and protocols		
Course 406.3	Enumerate the layers of the OSI model and TCP/IP functions of each layer.		
Course 406.4	Make out the different types of network devices and their functions within a network		
Course 406.5	Brief Introduction about latest networking technology		

Course Outcome Statement			
Course:	Code:18CSL47 Design and Analysis og Algorithms Lab	Faculty:VEERESH HATTI/ SHEEBA JEBAKANI	Academic Year: 2019 – 20

	Statement
Course 407.1	Design algorithms using appropriate design techniques (brute-force, greedy, dynamic programming, etc.)
Course 407.2	Develop variety of algorithms such as sorting, graph related, combinatorial, etc., in a high level language.
Course 407.3	Analyze and compare the performance of algorithms using language features.

Course Outcome Statement			
Course:	Code:18CSL48 Microcontroller and Embedded System Lab	Faculty:KAVITHA PATIL/VIJAYALAKSHMI	Academic Year: 2019 – 20
	Statement		
Course 408.1	Program, build and test a microcontroller system.		
Course 408.2	Interface a microcontroller system to user controls and other electronic systems.		
Course 408.3	Describe the internal architecture of microcontroller systems, including counters, timers, ports, and memory.		
Course 408.4	Interface various hardware to ARM microcontroller using Keil software		

Course Outcome Statement			
Course:	Code:18KVK49 Vyavaharika Kannada	Faculty:BALAKRISHANA	Academic Year: 2019 – 20
	Statement		
Course 409.1	The student will be able to understand Kannada and communicate in Kannada language.		

Course Outcome Statement			
Course:	Code:18KAK49 Aadalitha Kannada	Faculty:SURESH	Academic Year: 2019 – 20
	Statement		
Course 410.1	<ul style="list-style-type: none"> ಆಡಳಿತ ಭಾಷೆ ಕನ್ನಡದ ಪರಿಚಯವಾಗುತ್ತದೆ. 		
Course 410.2	<ul style="list-style-type: none"> ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕನ್ನಡ ಭಾಷೆಯ ಪ್ರಾಕಾರದ ಬಗ್ಗೆ ಅರಿವು ಮೂಡುತ್ತದೆ. 		
Course 410.3	<ul style="list-style-type: none"> ಕನ್ನಡ ಭಾಷಾ ರಚನೆಯಲ್ಲಿನ ನಿಯಮಗಳು ಮತ್ತು ಲೇಖನ ಚಿಹ್ನೆಗಳು ಪರಿಚಯಿಸಲ್ಪಡುತ್ತವೆ. 		
Course 410.4	<ul style="list-style-type: none"> ಸಾಮಾನ್ಯ ಅರ್ಜಿಗಳು. ಸರ್ಕಾರಿ ಮತ್ತು ಅರೆ ಸರ್ಕಾರಿ ಪತ್ರವ್ಯವಹಾರದ ಬಗ್ಗೆ ಅರಿವು ಮೂಡುತ್ತದೆ. 		
Course 410.5	<ul style="list-style-type: none"> ಭಾಷಾಂತರ ಮತ್ತು ಪ್ರಬಂಧ ರಚನೆ ಬಗ್ಗೆ ಅನುಭವ ಮೂಡುತ್ತದೆ. 		
Course 410.6	<ul style="list-style-type: none"> ಕನ್ನಡ ಭಾಷಾಭ್ಯಾಸ ಮತ್ತು ಸಾಮಾನ್ಯ ಕನ್ನಡ ಹಾಗೂ ಆಡಳಿತ ಕನ್ನಡದ ಪದಗಳು ಪರಿಚಯಿಸಲ್ಪಡುತ್ತವೆ. 		

Course Outcome Statement			
Course:	Code:17CS51 MANAGEMENT & ENTREPRENEURSHIP FOR INDUSTRY	Faculty:OMPRAKASH B	Academic Year: 2019 – 20
	Statement		
Course 501.1	Define management, organization, entrepreneur.		
Course 501.2	Define planning & staffing.		
Course 501.3	Outline their importance in entrepreneurship		
Course 501.4	Utilize the resources available effectively through ERP		
Course 501.5	Make use of IPRs and institutional support in entrepreneurship		

Course Outcome Statement			
Course:	Code:17CS52 COMPUTER NETWORKS	Faculty:SHEBA JEBAKANI	Academic Year: 2019 – 20
	Statement		
Course 502.1	Identify the usage of different protocols in the internet and also explain the working principle		
Course 502.2	Implement simple networking applications using socket programming		
Course 502.3	Analyze a simple network topology, implement IP addressing and Routing Algorithms.		
Course 502.4	Simulate the working of Wired and Wireless networks, also validate the working of network components using networking commands and tools		
Course 502.5	Identify the issues related to cellular networks, mobility in Internet and multimedia networking with respect to content delivery and quality of service		

Course Outcome Statement			
Course:	Code:17CS53 DATABASE MANAGEMENT SYSTEM	Faculty:SUHAS A BHYRATAE	Academic Year: 2019 – 20
	Statement		
Course 503.1	Identify, analyze and define database objects		
Course 303.2	Enforce integrity constraints on a database using RDBMS		
Course 303.3	Use Structured Query Language (SQL) for database manipulation.		
Course 303.4	Design and build simple database systems.		
Course 303.5	Design and build GUI application to interact with databases		

Course Outcome Statement			
Course:	Code:17CS54 AUTOMATA THEORY AND COMPUTABILITY	Faculty:SAGAR H	Academic Year: 2019 – 20
	Statement		
Course 504.1	Tell the core concepts in automata theory and Theory of Computation		
Course 504.2	Explain how to translate between different models of Computation (e.g., Deterministic and Non-deterministic and Software models).		
Course 504.3	Interpret Grammars and Automata (recognizers) for different language classes and become knowledgeable about restricted models of Computation (Regular, Context Free) and their relative powers.		
Course 504.4	Develop skills in formal reasoning and reduction of a problem to a formal model, with an emphasis on semantic precision and conciseness.		

Course 504.5	Classify a problem with respect to different models of Computation.
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Course Outcome Statement			
Course: AI	Code: 17CS553 ADVANCED JAVA AND J2EE	Faculty: CHITHRA	Academic Year: 2019 – 20
	Statement		
Course 505.1	Interpret the need for advanced Java concepts like enumerations and collections in developing modular and efficient programs		
Course 505.2	Build client-server applications and TCP/IP socket programs		
Course 505.3	Illustrate database access and details for managing information using the JDBC API		
Course 505.4	Describe how servlets fit into Java-based web application architecture		
Course 505.5	Develop reusable software components using Java Beans		

Course Outcome Statement			
Course:	Code:17CS562 ARTIFICIAL INTELLIGENCE	Faculty: VAISHALI THAKARE	Academic Year: 2019 – 20
	Statement		
Course 506.1	Identify the AI based problems		
Course 506.2	Apply techniques to solve AI problem		
Course 506.3	Define learning and explain various learning techniques		
Course 506.4	Learning and various learning techniques		
Course 506.5	Learning Expert systems and NLP		

Course Outcome Statement			
Course:	Code:17CSL57 COMPUTER NETWORKS LAB.	Faculty:SHEBA JEBAKANI / MANJULA H N	Academic Year: 2019 – 20
	Statement		
Course 507.1	Identify the different types of network topologies and protocols.		
Course 507.2	Identify the different types of network devices and their functions within a network		
Course 507.3	Familiarity with the basic protocols of computer networks, and evaluates how they can be used to assist in network design and implementation.		
Course 507.4	Understand the concepts of routing mechanisms , network interfaces, and design/performance issues in local area networks and wide area networks		
Course 507.5	To be familiar with wireless networking concepts		

Course Outcome Statement			
Course:	Code:17CSL58 DATABASE MANAGEMENT SYSTEM LAB.	Faculty:SUHAS A / SANGAMESH G	Academic Year: 2019 – 20
	Statement		
Course 508.1	Use Structured Query Language (SQL) for database Creation and manipulation.		
Course 508.2	Demonstrate the working of different concepts of DBMS		
Course 508.3	Implement and test the project developed for an application		

Course Outcome Statement			
Course:	Code:17CS61 Cryptography, Network Security and Cyber Law	Faculty:VAISHALI THAKARE	Academic Year: 2019 – 20
	Statement		
Course 601.1	Discuss cryptography and its need to various applications		
Course 601.2	Familiarize with Cryptography and very essential algorithms		
Course 601.3	Illustrates the key management issues and solutions		
Course 601.4	Design Data security in Networks and attacks		
Course 601.5	Introduce cyber Laws and ethics to be followed		

Course Outcome Statement			
Course:	Code:17IS62 File Structures	Faculty:MANJULA H N	Academic Year: 2019 – 20
	Statement		
Course 602.1	Able to understand the topic of file structure design.		
Course 602.2	Identify the data structures necessary for achieving its efficiency objectives.		
Course 602.3	Explore the techniques for organization and manipulation of data in secondary storage.		
Course 602.4	Implement the most important high-level file structures tools which include indexing, consequential processing, B trees, Hashing.		
Course 602.5	Use the techniques in the design of C++ programs for solving various file management problems.		

Course Outcome Statement			
Course:	Code:17IS63 Software Testing	Faculty:SANGAMESH GAMA	Academic Year: 2019 – 20
	Statement		
Course 603.1	Apply modern software testing processes in relation to software development and project management		
Course 603.2	Create test strategies and plans, design test cases, prioritize and execute them		
Course 603.3	Manage incidents and risks within a project		
Course 603.4	Contribute to efficient delivery of software solutions and implement improvements in the software development processes.		
Course 603.5	Application of software testing techniques in commercial environments.		

Course Outcome Statement			
Course:	Code:17CS64 Operating Systems	Faculty:OMPRAKASH B	Academic Year: 2019 – 20
	Statement		
Course 604.1	Demonstrate need for OS and different types of OS		
Course 604.2	Discuss suitable techniques for management of different resources		
Course 604.3	Discuss suitable techniques for management of different resources		
Course 604.4	Explain the different concepts of OS in platform of usage through case studies		

Course Outcome Statement			
Course:	Code:17CS653 Operation Research	Faculty:SUHAS A BHYRATAE	Academic Year: 2019 – 20
	Statement		
Course 605.1	Grasp a fundamental understanding of OR, the origin, Formulating a mathematical model, and Implementation LPP, Assumptions of LPP and Graphical method.		
Course 605.2	Remembering and understanding of the essence of the simplex method, Setting up, Tie breaking in the simplex method, Big M method, Two phase method		
Course 605.3	Remembering and understanding the essence of duality theory, Primal dual relationship, conversion of primal to dual problem and vice versa		
Course 605.4	Applying IBFS by North West Corner Rule method, Matrix Minima Method, Vogel's Approximation Method. Optimal solution by MODI method to transportation problem. A Hungarian algorithm and Minimization and Maximization varieties in assignment problems.		
Course 605.5	Applying the formulation of two persons, zero sum games as game theory and The nature of Metaheuristics, Tabu Search, Simulated Annealing, Genetic Algorithms.		

Course Outcome Statement			
Course:	Code:17CS651 Datamining and Data Ware housing	Faculty:SAGAR	Academic Year: 2019 – 20
	Statement		
Course 606.1	Classify a problem with respect to different models of Computation.		
Course 606.2	Demonstrate association rules for a given data pattern.		
Course 606.3	Discuss between classification and clustering solution		

Course Outcome Statement			
Course:	Code:17CS664 Python Application Program	Faculty:NEHA MANGLA/ABHILASH	Academic Year: 2019 – 20
	Statement		
Course 607.1	Discuss python syntax and semantics and be fluent in the use of python flow control and functions		
Course 607.2	Demonstrate proficiency in handling strings and file systems		
Course 607.3	Develop python programs using core data structures like lists, dictionaries and use regular expressions		
Course 607.4	Interpret the concepts of object-oriented programming as used in python		
Course 607.5	Explain exemplary applications related to the network programming, web services and databases in python		

Course Outcome Statement			
Course:	Code:17MAT661 Linear Algebra	Faculty:DR. RAM	Academic Year: 2019 – 20
	Statement		
Course 608.1	Analyse whether a system is consistent or inconsistent, whether the solution of the system is unique or infinite		
Course 608.2	Perform row operations on matrices and find bases and dimension		
Course 608.3	Linearly transform the system from one dimension to another		
Course 608.4	Compute orthogonal and orthonormal vectors		
Course 608.5	Find the solution to an inconsistent system using Least Square solutions		

Course Outcome Statement			
Course:	Code:17ISL67 File Structures Lab	Faculty:MANJULA H N/VAISHALI THAKARE	Academic Year: 2019 – 20
	Statement		
Course 609.1	Able to understand the basics of file structure design.		
Course 609.2	Explore the data structures necessary for achieving its efficiency objectives.		
Course 609.3	Definethe techniques for organization and manipulation of data in secondary storage.		
Course 609.4	Implement the most important high-level file structures tools which include indexing, consequential processing, B trees, Hashing.		
Course 609.5	Use the techniques in the design of C++ programs for solving various file management problems.		

Course Outcome Statement			
Course:	Code:17CSL68 Software Testing Lab	Faculty:SANGAMESH GAMA/OMPRAKASH	Academic Year: 2019 – 20
	Statement		
Course 610.1	Understand requirements for the given problem		
Course 610.2	Design and implement the solution for given problem in any programming language(C,C++,JAVA)		
Course 610.3	Discuss test cases for any given problem		
Course 610.4	Apply the appropriate technique for the design of flow graph.		
Course 610.5	Create appropriate document for the software artefact.		

Course Outcome Statement			
Course:	Code:15CS71 WEB TECHNOLOGY AND ITS APPLICATIONS	Faculty:AEMI KALARIA/ SYEDA ROSHNI AHMED	Academic Year: 2019 – 20
	Statement		
Course 701.1	Understanding the Basics of HTML and HTML5 with all the tags and methods		
Course 701.2	Designing the stylesheets for creating web pages		
Course 701.3	Usage of Javascript		
Course 701.4	PHP server side programming concepts		
Course 701.5	Brief introduction to XML AJAX HTml file and cookies		

Course Outcome Statement			
Course:	Code:15IS72 SOFTWARE ARCHITECTURE AND DESIGN	Faculty:MANJULA H NEBAGIRI	Academic Year: 2019 – 20
	Statement		
Course 702.1	Identify the common design patterns in the context of incremental and iterative development.		
Course 702.2	Analyze and combine design patterns to work together in software design		
Course 702.3	Make use of design pattern in object oriented programming environment		
Course 702.4	Recognize the benefits of a pattern approach, in software applications		
Course 702.5	Improve quality of software by selecting proper architecture		

Course Outcome Statement			
Course:	Code:15CS73 MACHINE LEARNING	Faculty:ABHILASH	Academic Year: 2019 – 20
	Statement		
Course 703.1	Identify the problems suitable for Machine learning by using ML concepts		
Course 703.2	Build decision-tree, artificial neural network and bayesian machine learning model using datasets to solve real world problems		
Course 703.3	Use probability and statistics to accept or reject the hypothesis related to the machine learning		
Course 703.4	Apply the model to interpret suitability of the solution		

Course Outcome Statement			
Course:	Code:15CS744 UNIX SYSTEM PROGRAMMING	Faculty: RAKSHITA/ VIJAYALAKSHMI V	Academic Year: 2019 – 20
	Statement		
Course 704.1	Understand the working of Unix Systems		
Course 704.2	Illustrate the application/service over a UNIX system.		

Course Outcome Statement			
Course:	Code:15IS753 INFORMATION MANAGEMENT SYSTEM	Faculty:SHRUTHI B	Academic Year: 2019 – 20
	Statement		
Course 705.1	Understand the concepts of system and how it relates to information systems.		
Course 705.2	Identify several basic competitive strategies and explain how they use information technology to confront the competitive forces faced by business. Explain how to create a virtual company		
Course 705.3	Identify the following cross functional Enterprise system and give example of how they can provide significant business value to company EAI, TPS and ECS		
Course 705.4	Identify and give examples to illustrate the following aspects of CRM, ERM and SCM		
Course 705.5	Identify the major categories and trends of e-commerce application		
Course 705.6	Identify the changes taking place in the form and use of decision support in business.		

Course Outcome Statement			
Course:	Code:15CSL76 MACHINE LEARNING LAB	Faculty:ABHILASH/OMPRAKASH	Academic Year: 2019 – 20
	Statement		
Course 706.1	Understand the implementation procedures for the machine learning algorithms		
Course 706.2	Design Java/Python programs for various learning algorithms		
Course 706.3	Apply appropriate datasets to the machine learning algorithms		
Course 706.4	Identify and apply machine learning algorithms to solve real and world problems		

Course Outcome Statement			
Course:	Code:15CSL77 WEB TECHNOLOGY LAB. AND MINI PROJECT	Faculty:AEMI K/ SHRUTHI B/SYEDA ROSHNI AHMED	Academic Year: 2019 – 20
	Statement		
Course 707.1	Understanding and implementing the problem statements in the syllabus using different designing methods		
Course 707.2	Use of Javascripts programmes		
Course 707.3	Creating webpages using all different styling parameters which includes HTML, CSS etc, and showing the connections on front end and backend using related platforms		

Course Outcome Statement			
Course:	Code:15CS81 Internet of Things	Faculty:VIJAYLAKSHMI V	Academic Year: 2019 – 20
	Statement		

Course 801.1	Interpret the impact and challenges posed by IoT networks leading to new architectural models.
Course 801.2	Compare and contrast the deployment of smart objects and the technologies to connect them to network
Course 801.3	Appraise the role of IoT protocols for efficient network communication.
Course 801.4	Elaborate the need for Data Analytics and Security in IoT.
Course 801.5	Illustrate different sensor technologies for sensing real world entities and identify the applications of IoT in Industry.

Course Outcome Statement			
Course:	Code:15CS82 Big Data Analytics	Faculty:SYEDA ROSHNI	Academic Year: 2019 – 20
	Statement		
Course 802.1	Getting introduced to all concepts in Big Data, frameworks and Hadoop Process		
Course 802.2	To understand all Hadoop related tools		
Course 802.3	To get the instincts of BI and different processes used		
Course 802.4	To study various algorithms used in the analytics process and problem solving		

Course Outcome Statement			
Course:	Code:15CS834 System Modelling and Simulation	Faculty:SRINIVAS B V	Academic Year: 2019 – 20
	Statement		
Course 803.1	Get introduced to simulation concept by means of examples, Study the major building blocks of simulation. Explain the system concept and apply functional modeling method to model the different real-world activities		
Course 803.2	To understand the models and methods to generate and validate random numbers/variants, which are the driving force for the simulation		
Course 803.3	Simulate the operation of a dynamic system, estimate the performance of the output process for simulation and make improvement according to the simulation results		

Course Outcome Statement			
Course:	Code:15CS84 Internship Professional Practise	Faculty:OMPRAKASH	Academic Year: 2019 – 20
	Statement		
Course 804.1	Understand industry level work in Internship		
Course 804.2	Able to state which types of skills they have learnt from Internship		
Course 804.3	Able to state how real time projects will be done through Internship		
Course 804.4	Describe his/her experience and Assessment		
Course 804.5	Able to document the Internship as a report		

Course Outcome Statement			
Course:	Code:15CSP85 Project work Phase II	Faculty:VIJAYALAKSHMI/SYEDA ROSHNI	Academic Year: 2019 – 20
	Statement		
Course 805.1	Identify a issue and derive problem related to society, environment, economics, energy and technology		
Course 805.2	Formulate and Analyze the problem and determine the scope of the solution chosen		
Course 805.3	Determine , dissect, and estimate the parameters, required in the solution.		
Course 805.4	Evaluate the solution by considering the standard data / Objective function and by using appropriate performance metrics.		
Course 805.5	Compile the report and take part in present / publishing the finding in a reputed conference / publications		
Course 805.6	Attempt to obtain ownership of the solution / product developed.		

Course Outcome Statement			
Course:	Code:15CSS86 Seminar	Faculty:SUHAS A BHYRATAE/SHRUTHI B	Academic Year: 2019 – 20
	Statement		
Course 806.1	To expose students to the real working environment and get acquainted with the organization structurand administrative functionse,		
Course 806.2	To promote and develop presentation skills and import a knowledgeable society.		
Course 806.3	To set the stage for future recruitment by potential employers.		

100 series 101...etc First semester subjects including Practicals, Projects etc.,
200series 201...etc Second semester subjects including Practicals, Projects etc.,
300 series 301...etc Third semester subjects including Practicals, Projects etc.,
400 series 401...etc Fourth semester subjects including Practicals, Projects
500 series 501...etc Fifth semester subjects including Practicals, Projects etc.,
600 series 601...etc Sixth semester subjects including Practicals, Projects etc.,
700 series 701...etc Seventh semester subjects including Practicals, Projects
800 series 801...etc Eighth semester subjects including Practicals, Projects etc.,