



SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

An ISO 9001:2015 Certified Institution

(Approved by AICTE, New Delhi and Affiliated to Anna University Chennai)

Sri Kalaivani Nagar, Erode-Gobi Main Road, Othakuthirai,

K.Mettupalayam Post, Gobichettipalayam – 638 455, Erode District, Tamilnadu

Web: <http://www.svhc.com>



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

List of COs for UG courses under Anna University Regulation 2017

Semester	:	I
Course Code & Name	:	HS8151 & Communicative English
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C101.1	Speak and express their opinions clearly, initiate a discussion, negotiate, argue using appropriate communicative strategies	
C101.2	Write effectively and persuasively and produce different types of writing as creative, critical, analytical and evaluative writing	
C101.3	Read different genres of texts, infer implied meanings and critically analyse and evaluate them for ideas as well as for method of presentation	
C101.4	Realize the essentiality of the informal conversation	
C101.5	Understand the different qualities expected in the interviews and they realize the importance of GD	
Semester	:	I
Course Code & Name	:	MA8151 & Engineering Mathematics – I
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C102.1	Apply the mathematical knowledge of rules of differentiation to differentiate one variable Function	
C102.2	Apply and understand the knowledge of differentiation to solve value of the function	
C102.3	Classify and able to Identify the substitution rules	
C102.4	Identify the Basic knowledge and understanding in one field of area and volume of solid materials	
C102.5	Identify a basic knowledge and understanding techniques in solving differential equations	
Semester	:	I
Course Code & Name	:	PH8151 & Engineering Physics
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C103.1	Analyse the various elastic behaviour of materials	
C103.2	Classify the different types of lasers and optical fibres and its power losses	
C103.3	Explain the different thermal properties of materials	
C103.4	Illustrate the time dependent and time independent wave equations	
C103.5	Understand the structures and properties of crystals	
Semester	:	I
Course Code & Name	:	CY8151 & Engineering Chemistry
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C104.1	Understand the water parameters; requirements of boiler feed water and different water treatment techniques	
C104.2	Understand the basic concept of adsorption, theories and its mechanism	



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C104.3	Select the appropriate eutectic mixtures of suitable alloys
C104.4	Acquire the knowledge about the manufacture of solid, liquid and gaseous fuel to meet environmental sustainability
C104.5	Relate the principle and generation of energy in battery, Nuclear reactor , Solar cells, Wind mill and fuel cell for future
Semester	: I
Course Code & Name	: GE8151 & Problem Solving and Python Programming
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome
C105.1	Develop algorithmic solutions to simple computational problems
C105.2	Read, write, execute by hand simple Python programs
C105.3	Structure Python programs with functions for solving problems
C105.4	Represent compound data using Python lists, tuples, dictionaries
C105.5	Read and write data from/to files in Python Programs
Semester	: I
Course Code & Name	: GE8152 & Engineering Graphics
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome
C106.1	Graphically construct and understand the importance of conical curves and orthographical projections in engineering applications
C106.2	Draw the basic views related to projections of Lines, Planes
C106.3	Draw the projections of solids
C106.4	Sectioned and develop the surface of geometrical objects
C106.5	Interpret Isometric and Perspective views of object
Semester	: I
Course Code & Name	: GE8161 & Problem Solving and Python Programming Laboratory
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome
C107.1	Write, test, and debug simple Python programs
C107.2	Implement Python programs with conditionals and loops
C107.3	Develop Python programs step-wise by defining functions and calling them
C107.4	Use Python lists, tuples, dictionaries for representing compound data
C107.5	Read and write data from/to files in Python
Semester	: I
Course Code & Name	: BS8161 & Physics and Chemistry Laboratory
Year of Study	: 2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome
C108.1	Determine wavelength of mercury spectrum and velocity of sound
C108.2	Determine the Young's modulus of the materials, Band gap of the semiconductor materials
C108.3	Estimate the Hardness , chloride, alkalinity and dissolved oxygen in water samples
C108.4	Determine the amount of simple acid base, mixture of acids by Conductometric titration & Potentiometric titration
C108.4	



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Semester		:	II
Course Code & Name		:	HS8251 & Technical English
Year of Study		:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome		
C109.1	Speak and express their opinions clearly, initiate a discussion, negotiate, argue using appropriate communicative strategies		
C109.2	Write effectively and persuasively and produce different types of writing as creative, critical, analytical and evaluative writing		
C109.3	Read different genres of texts, infer implied meanings and critically analyse and evaluate them for ideas as well as for method of presentation		
C109.4	Realize the essentiality of the informal conversation		
C109.5	Understand the different qualities expected in the interviews and they realize the importance of GD		
Semester		:	II
Course Code & Name		:	MA8251 & Engineering Mathematics – II
Year of Study		:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome		
C110.1	Analyse the Eigen values and Eigen vectors, Cauley Hamilton from matrix		
C110.2	Classify the basic formula and solve problem related to vector and scalar point function		
C110.3	Identify and find the analytic function satisfy Cauchy – Riemann equation		
C110.4	Apply Cauchy – Riemann formula, Taylors and Laurents to solve complex integration		
C110.5	Acquire the student with Laplace transforms techniques used in variety of situations		
Semester		:	II
Course Code & Name		:	PH8252 & Physics for Information Science
Year of Study		:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome		
C111.1	Explain the properties of conducting materials		
C111.2	Classify different types of semiconductors.		
C111.3	Understand the properties of magnetic materials.		
C111.4	Know about the operation of optical materials and LEDs		
C111.5	Acquire more knowledge about modern engineering materials		
Semester		:	II
Course Code & Name		:	BE8255 & Basic Electrical and Electronics and Measurement Engineering
Year of Study		:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome		
C112.1	Apply the concept of electric circuit laws, network reduction theorems		
C112.2	Explain the basic operation of DC & AC electrical machines and transformers		
C112.3	Explain the operation of renewable energy sources, lamps, batteries, protective devices (Fuses & Circuit Breakers)		
C112.4	Explain the characteristics and operations of various electronic devices and Integrated Circuits		
C112.5	Determine various types of errors present in measurements and explain the principle of operation of different meter to measure electrical parameters and transducers		
Semester		:	II
Course Code & Name		:	GE8291 & Environmental Science and Engineering



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Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C113.1	Recall the nature and facts about the environment	
C113.2	Apply the scientific, technological, economic and political solutions to environmental pollutions	
C113.3	Discuss the integrated themes of natural resources and its need for sustainable life style	
C113.4	Relate the social issues, acquiring knowledge about the societal and legal responsibilities of individuals	
C113.5	Aware about population growth, family welfare, human health and value education	
Semester	:	II
Course Code & Name	:	CS8251 & Programming in C
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C114.1	Understanding the basic constructs in C	
C114.2	Understanding the concepts of arrays and strings in C	
C114.3	Understanding the concepts of functions and pointers in C	
C114.4	Understanding the concepts of structures in C	
C114.5	Understanding sequential and random access file processing in C	
Semester	:	II
Course Code & Name	:	GE8261 & Engineering Practices Laboratory
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C115.1	Design and fabricate various carpentry joints like tee, dovetail, cross-lap, mortise & tenon joints; Design and carryout various plumbing works like pipe connections	
C115.2	Design and model arc welding joints like butt, lap & tee joints; Perform machining operations like turning, taper turning, drilling, reaming and tapping; Design and fabricate sheet metal components like tray, funnel, cone	
C115.3	Design and fabricate electrical circuits for basic domestic electrical works and appliances; Measure electrical parameters using measuring instruments	
C115.4	Describe the basic electronic components and logic gates; Measure the ripple factor for HWR and FWR; Elaborate the soldering practices	
Semester	:	II
Course Code & Name	:	CS8261 & C Programming Laboratory
Year of Study	:	2017 – 2018, 2018 – 2019, 2019-20
Cos No.	Course Outcome	
C116.1	Implementing simple C programs using conditional constructs	
C116.2	Implementing C programs using arrays and strings	
C116.3	Implementing C programs using functions and pointers	
C116.4	Implementing C programs using structure	
C116.5	Read and write data from/to files in C	
Semester	:	III
Course Code & Name	:	MA8351 & Discrete Mathematics
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C201.1	Knowledge of the concepts needed to test the logic of a program	
C201.2	Understanding in identifying structures on many levels	
C201.3	Aware of a class of functions which transform a finite set into another finite set which relates to input and output functions in computer science	
C201.4	Aware of the counting principles	
C201.5	Exposed to concepts and properties of algebraic structures such as groups, rings and fields	
Semester	:	III
Course Code & Name	:	CS8351 & Digital Principals and System Design



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Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C202.1	Simplify Boolean functions using K-Map.	
C202.2	Design and Analyse Combinational and Sequential Circuits	
C202.3	Understand the semiconductors memory and related technologies	
C202.4	Implement designs using Programmable Logic Devices	
C202.5	Write HDL code for combinational and Sequential Circuits	
Semester	:	III
Course Code & Name	:	CS8391 & Data Structures
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C203.1	Understand the concept of List ADT	
C203.2	Learn linear data structures like stacks and queues	
C203.3	Learn non-linear data structures with trees and its applications	
C203.4	Learn non-linear data structures with graphs and its applications	
C203.5	Understand sorting, searching and hashing algorithms	
Semester	:	III
Course Code & Name	:	CS8392 & Object Oriented Programming
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C204.1	Develop Java programs using OOP principles	
C204.2	Develop Java programs with the concepts inheritance and interfaces	
C204.3	Build Java applications using exceptions and I/O streams	
C204.4	Develop Java applications with threads and generics classes	
C204.5	Develop interactive Java programs using swings	
Semester	:	III
Course Code & Name	:	EC8395 & Communication Engineering
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C205.1	Comprehend and appreciate the significance and role of this course in the present contemporary world	
C205.2	Apply analog and digital communication techniques	
C205.3	Use data and pulse communication techniques	
C205.4	Analyse Source and Error control coding	
C205.5	Analyse spread spectrum and multiple access techniques	
Semester	:	III
Course Code & Name	:	CS8381 & Data Structures Laboratory
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C206.1	Implement linear and non-linear data structures	
C206.2	Implement applications of List, Stack and Queue	
C206.3	Understand the different operations of search trees	
C206.4	Implement graph traversal algorithms	
C206.5	Familiarized to sorting, searching and hashing algorithms	
Semester	:	III
Course Code & Name	:	CS8383 & Object Oriented Programming Laboratory
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C207.1	Develop simple java programs using control structures	
C207.2	Develop java programs that implements inheritance concept	
C207.3	Design and implement java applications making use of classes, packages and interfaces	



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C207.4	Develop and implement java programs with array list, exception handling and multithreading		
C207.5	Design applications using file processing, generic programming and event handling		
Semester		:	III
Course Code & Name		:	CS8382 & Digital Systems Laboratory
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C208.1	Implement simplified combinational circuits using basic logic gates		
C208.2	Implement combinational circuits using MSI devices		
C208.3	Implement sequential circuits like registers and counters		
C208.4	Simulate combinational circuits using HDL		
C208.5	Simulate sequential circuits using HDL		
Semester		:	III
Course Code & Name		:	HS8381 & Interpersonal Skills/Listening & Speaking
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C209.1	Enhance understanding of listening to the study of interpersonal and personal relationships		
C209.2	Provide guidance and practice in specific academic speaking activities		
C209.3	Analyse the given topic and develop conversation		
C209.4	Make effective presentation in a group		
C209.5	Apply contextual strategies for presentation and business interactive communication		
Semester		:	IV
Course Code & Name		:	MA8402 & Probability and Queueing Theory
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C210.1	Understand the basic concept of probability and standard distribution		
C210.2	Applying level of joint distribution and regression		
C210.3	Classify and differentiate the WSS and SSS process, stationary		
C210.4	Analyse the level of queueing system		
C210.5	Relationship the knowledge of queueing and advance queueing		
Semester		:	IV
Course Code & Name		:	CS8491 & Computer Architecture
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C211.1	Understand the basic structure of computers, operations and instructions		
C211.2	Design arithmetic and logic unit		
C211.3	Understand pipelined execution and design control unit		
C211.4	Understand parallel processing architectures		
C211.5	Understand the various memory systems and I/O communication		
Semester		:	IV
Course Code & Name		:	CS8492 & Database Management Systems
Year of Study		:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome		
C212.1	Classify the modern and futuristic database applications based on size and complexity		
C212.2	Map ER model to Relational model and normalization criteria to perform database design effectively		
C212.3	Apply Concurrency control and Recovery mechanism for practical problems		
C212.4	Compare and contrast various indexing strategies in different database systems		
C212.5	Appraise how advanced databases differ from traditional databases		
Semester		:	IV



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Course Code & Name	:	CS8451 & Design and Analysis of Algorithm
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C213.1	Design algorithms for basic computing problems and analyse the time and space complexity of algorithms	
C213.2	Understand and analyse the behaviour of brute-force and divide and conquer approach based algorithms	
C213.3	Analyse the problem and identify any appropriate technique like dynamic programming or greedy method to solve	
C213.4	Learn how to solve problems efficiently using backtracking or branch and bound technique	
C213.5	Understand the limitations of algorithmic power and modify existing algorithms to improve efficiency	
Semester	:	IV
Course Code & Name	:	CS8493 & Operating systems
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C214.1	Understand the basic concepts and functions of Operating Systems	
C214.2	Experiment various Scheduling algorithms and to understand deadlock prevention and avoidance algorithms	
C214.3	Compare and Contrast various memory management schemes	
C214.4	Understand the functionalities of File systems and I/O Systems	
C214.5	Familiar with Linux systems and Mobile Operating Systems	
Semester	:	IV
Course Code & Name	:	CS8494 & Software Engineering
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C215.1	Identify the key activities in managing a software project and Compare different process models	
C215.2	Apply the concepts of requirements engineering and Analysis Modelling	
C215.3	Apply systematic procedure for software design and deployment	
C215.4	Compare and contrast the various testing and maintenance	
C215.5	Manage project schedule, estimate project cost and effort required	
Semester	:	IV
Course Code & Name	:	CS8481 & Database Management Systems Laboratory
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C216.1	Use typical data definitions and manipulation commands	
C216.2	Design applications to test Nested and Join Queries	
C216.3	Implement simple applications that use PL/SQL	
C216.4	Implement applications that require a Front-end Tool	
C216.5	Analyse the use of Tables, Views, Functions and Procedures	
Semester	:	IV
Course Code & Name	:	CS8461 & Operating systems Laboratory
Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C217.1	Compare the performance of various CPU Scheduling Algorithms	
C217.2	Implement Deadlock avoidance and Detection Algorithms	
C217.3	Create processes and implement IPC	
C217.4	Analyse the performance of the various Page Replacement Algorithms	
C217.5	Implement File Organization and File Allocation Strategies	
Semester	:	IV
Course Code & Name	:	HS8461 & Advanced Reading and Writing



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Year of Study	:	2017 – 2018, 2018 – 2019
Cos No.	Course Outcome	
C218.1	Interpret texts in different aspects and understand writing strategies before writing	
C218.2	Comprehend the texts and able to write with examples	
C218.3	Enhance students writing skills with specific reference to technical writing	
C218.4	Provide more opportunities to develop and proposal writing skills	
C218.5	Develop students critical thinking skills	
Semester	:	V
Course Code & Name	:	MA8551 & Algebra and Number Theory
Year of Study	:	2017 – 2018, 2018 – 2019
C319.1	Apply the basic notions of groups, rings, fields which will then be used to solve related problems	
C319.2	Explain the fundamental concepts of advanced algebra and their role in modern mathematics and applied contexts.	
C319.3	Demonstrate accurate and efficient use of advanced algebraic techniques.	
C319.4	Demonstrate their mastery by solving non - trivial problems related to the concepts, and by proving simple theorems about the, statements proven by the text.	
C319.5	Apply integrated approach to number theory and abstract algebra, and provide a firm basis for further reading and study in the subject.	
Semester	:	V
Course Code & Name	:	CS8591 & COMPUTER NETWORKS
Year of Study	:	2017 – 2018, 2018 – 2019
C320.1	Understand the basic layers and its functions in computer networks.	
C320.2	Evaluate the performance of a network.	
C320.3	Understand the basics of how data flows from one node to another.	
C320.4	Analyze and design routing algorithms.	
C320.5	Design protocols for various functions in the network and Understand the working of various application layer protocols	
Semester	:	V
Course Code & Name	:	EC8691 & MICROPROCESSORS AND MICROCONTROLLERS
Year of Study	:	2017 – 2018, 2018 – 2019
C321.1	Understand and execute programs based on 8086 microprocessor.	
C321.2	Design Memory Interfacing circuits.	
C321.3	Design and interface I/O circuits.	
C321.4	Design and implement 8051 microcontroller based systems.	
Semester	:	V
Course Code & Name	:	CS8501 & THEORY OF COMPUTATION
Year of Study	:	2017 – 2018, 2018 – 2019
C322.1	Construct automata, regular expression for any pattern.	
C322.2	Write Context free grammar for any construct	
C322.3	Design Turing machines for any language.	
C322.4	Propose computation solutions using Turing machines	
C322.5	Derive whether a problem is decidable or not.	
Semester	:	V
Course Code & Name	:	CS8592 & OBJECT ORIENTED ANALYSIS AND DESIGN
Year of Study	:	2017 – 2018, 2018 – 2019
C323.1	Express software design with UML diagrams	
C323.2	Design software applications using OO concepts	
C323.3	Identify various scenarios based on software requirements	
C323.4	Transform UML based software design into pattern based design using design patterns	
C323.5	Understand the various testing methodologies for OO software	
Semester	:	V



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Course Code & Name	:	OC551 & AIR POLLUTION AND CONTROL ENGINEERING
Year of Study	:	2017 – 2018, 2018 – 2019
C324.1	An understanding of the nature and characteristics of air pollutants, noise pollution and basic concepts of air quality management	
C324.2	Ability to identify, formulate and solve air and noise pollution problems	
C324.3	Ability to design stacks and particulate air pollution control devices to meet applicable standards.	
C324.4	Ability to select control equipments	
C324.5	Ability to ensure quality, control and preventive measures	
Semester	:	V
Course Code & Name	:	EC8681 & MICROPROCESSORS AND MICROCONTROLLERS LABORATORY
Year of Study	:	2017 – 2018, 2018 – 2019
C325.1	Write ALP Programmes for fixed and Floating Point and Arithmetic operations	
C325.2	Interface different I/Os with processor	
C325.3	Generate waveforms using Microprocessors	
C325.4	Execute Programs in 8051	
C325.5	Explain the difference between simulator and Emulator	
Semester	:	V
Course Code & Name	:	CS8582 & OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY
Year of Study	:	2017 – 2018, 2018 – 2019
C326.1	Perform OO analysis and design for a given problem specification.	
C326.2	Identify and map basic software requirements in UML mapping	
C326.3	Improve the software quality using design patterns and to explain the rationale behind applying specific design patterns	
C326.4	Test the compliance of the software with the SRS	
C326.5		
Semester	:	V
Course Code & Name	:	CS8581 & NETWORKS LABORATORY
Year of Study	:	2017 – 2018, 2018 – 2019
C327.1	Implement various protocols using TCP and UDP	
C327.2	Compare the performance of different transport layer protocols	
C327.3	Use simulation tools to analyze the performance of various network protocols	
C327.4	Analyze various routing algorithms	
C327.5	Implement error correction codes	
Semester	:	VI
Course Code & Name	:	CS8651 & INTERNET PROGRAMMING
Year of Study	:	2017 – 2018, 2018 – 2019
C328.1	Construct a basic website using HTML and Cascading Style Sheets	
C328.2	Build dynamic web page with validation using Java Script objects and by applying different event handling mechanisms	
C328.3	Develop server side programs using Servlets and JSP	
C328.4	Construct simple web pages in PHP and to represent data in XML format	
C328.5	Use AJAX and web services to develop interactive web applications	
Semester	:	VI
Course Code & Name	:	CS8691 & ARTIFICIAL INTELLIGENCE
Year of Study	:	2017 – 2018, 2018 – 2019
C329.1	Use appropriate search algorithms for any AI problem	
C329.2	Represent a problem using first order and predicate logic	
C329.3	Provide the apt agent strategy to solve a given problem	
C329.4	Design software agents to solve a problem	
C329.5	Design applications for NLP that use Artificial Intelligence	
Semester	:	VI
Course Code & Name	:	CS8601 & MOBILE COMPUTING
Year of Study	:	2017 – 2018, 2018 – 2019
C330.1	Explain the basics of mobile telecommunication systems	



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C330.2	Illustrate the generations of telecommunication systems in wireless networks
C330.3	Determine the functionality of MAC, network layer and Identify a routing protocol for a given Ad hoc network
C330.4	Explain the functionality of Transport and Application layers
C330.5	Develop a mobile application using android/blackberry/ios/Windows SDK
Semester	: VI
Course Code & Name	: CS8602 & COMPILER DESIGN
Year of Study	: 2017 – 2018, 2018 – 2019
C331.1	Understand the different phases of compiler
C331.2	Design a lexical analyzer for a sample language
C331.3	Apply different parsing algorithms to develop the parsers for a given grammar
C331.4	Understand syntax-directed translation and run-time environment
C331.5	Learn to implement code optimization techniques and a simple code generator and Design and implement a scanner and a parser using LEX and YACC tools
Semester	: VI
Course Code & Name	: CS8603 & DISTRIBUTED SYSTEMS
Year of Study	: 2017 – 2018, 2018 – 2019
C332.1	Elucidate the foundations and issues of distributed systems
C332.2	Understand the various synchronization issues and global state for distributed systems
C332.3	Understand the Mutual Exclusion and Deadlock detection algorithms in distributed systems
C332.4	Describe the agreement protocols and fault tolerance mechanisms in distributed systems
C332.5	Describe the features of peer-to-peer and distributed shared memory systems
Semester	: VI
Course Code & Name	: IT8076 & SOFTWARE TESTING
Year of Study	: 2017 – 2018, 2018 – 2019
C333.1	Design test cases suitable for a software development for different domains
C333.2	Identify suitable tests to be carried out
C333.3	Prepare test planning based on the document
C333.4	Document test plans and test cases designed
C333.5	Use automatic testing tools and Develop and validate a test plan
Semester	: VI
Course Code & Name	: CS8661 & INTERNET PROGRAMMING LABORATORY
Year of Study	: 2017 – 2018, 2018 – 2019
C334.1	Construct Web pages using HTML/XML and style sheets
C334.2	Build dynamic web pages with validation using Java Script objects and by applying different event handling mechanisms
C334.3	Develop dynamic web pages using server side scripting
C334.4	Use PHP programming to develop web applications
C334.5	Construct web applications using AJAX and web services
Semester	: VI
Course Code & Name	: CS8662 & MOBILE APPLICATION DEVELOPMENT LABORATORY
Year of Study	: 2017 – 2018, 2018 – 2019
C335.1	Develop mobile applications using GUI and Layouts
C335.2	Develop mobile applications using Event Listener
C335.3	Develop mobile applications using Databases
C335.4	Develop mobile applications using RSS Feed, Internal/External Storage, SMS, Multi- threading and GPS
C335.5	Analyze and discover own mobile app for simple needs
Semester	: VI
Course Code & Name	: CS8611 & MINI PROJECT
Year of Study	: 2017 – 2018, 2018 – 2019
C336.1	APPLICATION DEVELOPMENTS



SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

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Semester		:	VI
Course Code & Name		:	HS8581 & PROFESSIONAL COMMUNICATION
Year of Study		:	2017 - 2018, 2018 - 2019
C337.1	Make effective presentations		
C337.2	Participate confidently in Group Discussions		
C337.3	Attend job interviews and be successful in them		
C337.4	Develop adequate Soft Skills required for the workplace		
C337.5			