

**KLE SOCIETY'S
RAJA LAKHAMAGOURA SCIENCE INSTITUTE
(AUTONOMOUS), BELAGAVI**

Course Outcomes (COs) 2020-2021

DEPARTMENT OF BCA

CBCS Syllabus

I – SEMESTER

201T1 - Programming in C

After successful completion of the course, the student will,

CO1: Understanding Basics of Computers

CO2: Overview of C Programming.

CO3: Understanding concept of Branching and looping in C.

CO4: Knowing about Arrays concept in C.

CO5: Understanding Functions in C

201P1- C Programming & Office Automation Lab

After successful completion of the course, the student will,

CO1: Understand Basics logic building using syntax

CO2: Have hands on experience on writing programs like fibonacci series prime/not palindrom / not, roots of a quadratic equation

CO3: Understand how to get the input from the user and generate employee pay slip

CO4: Get hands on experience on printing different * pattern in the output also generate different kinds of mathematical series

CO5: Understand different kinds of sorting and searching techniques

CO6: Get hands on experience on power point presentation

CO7: Understand how to use excel for various purposes like payroll generation, product list

CO8: Know how to write all kinds of letters using word document

201T2- Web Technologies -I

After successful completion of the course, the student,

CO1: Basic Knowledge of Internet, HTML.

CO2: Learning about Dynamic HTML.

CO3: Understanding Shell Scripting.

CO4: Learning Arrays.

CO5: Understanding XML Concept's.

201P2-Web & Shell Programming Lab

After successful completion of the course, the student will,

CO1: Be able to work on basic tags of HTML and CSS properties.

CO2: Learn to work on programs based on Javascript programs.

CO3: Learn to work on programs based on XML.

CO4: Learn to work on programs based on event handling using HTML tags.

CO5: Learn to work on programs based on Arrays and dynamic pages using HTML and Javascript.

CO6: Get hands-on experience of different unix shell commands.

CO7: Be able to write shell script.

201T3- Unix & Shell Programming

After learning the course, the students will be able

CO1: Understanding Unix Architecture.

CO2: Learning File Handling Commands.

CO3: Understanding Shell Scripting

CO4: Knowing about Filters, Regular Expressions.

CO5: Knowing about shell programming.

201T4- English

CO1: Learning about Parts of Speech; Construction of Sentences; Paragraph Writing

CO2: Comprehension, Expansion of Ideas, Precise Writing

CO3: Letter Writing: Leave Letters, Apology Letters; Drafting Notices.

CO4: Review on Films: Something Ventured; The Social Network

CO5: Learning Intensive Reading

201T5- Indian Constitution

CO1: Understanding Significance of the constitution

CO2: Learning Fundamental Rights

CO3: Understanding Fundamental rights and Directive principle

CO3: Knowing about Union Government

CO4: Knowing about State Government.

II – SEMESTER

201T2- Data Structures Using C

After successful completion of the course, the student will,

CO1: Understand basics concepts of data structures, Dynamic memory allocation and pointers

CO2: Know Basic file operations, Input/output operations on files, Random Access to files

CO3: Be able to understand Recursion concept, Searching & Sorting Techniques

CO4: Know what is Stack and Queue along with the implementation.

CO5: Understand Linked list and tree.

202P1– Data Structure using C Lab

After successful completion of the course, the student will,

CO1: able to work on programs based on basic arithmetic functions, student result and employee salary.

CO2: learn to work on programs based on number series and pattern display.

CO3: learn to work on programs based on Arrays and Searching techniques

CO4: learn to work on programs based on Sorting and converting of expressions from infix to postfix.

CO5: learn to work on programs based on queues and linked list.

202T2-Web Technologies -II

After successful completion of the course, the student will,

CO1: Understand basics concepts of Web Applications, Client Side Scripting vs Server Side Scripting

CO2: Learn how to use Data types, Variables, Constants, operators and Expressions, printing data, Control structures.

CO3: Be able to understand Arrays, Functions & Strings concept and its implementation.

CO4: Learn how to use forms, Maintaining User State, start working with Files.

CO5: Understand JQuery concepts.

202P2-Web Technologies Lab -II

After successful completion of the course, the student will,

CO1: Hands on experience in creating HTML, writing scripts using syntax

CO2: Learn PHP programming

CO3: Get experience in creating HTML and embed PHP

CO4: Create forms using JQuery

202T3 Computer Networks

After successful completion of the course, the student will,

CO1: Understand basic concepts Computer Networks and its applications, Physical Layer

CO2: Learn The Data Link Layer

CO3: Be able to understand The Medium Access Control.

CO4: Learn about The Network Layer

CO5: Understand the Transport Layer and Application Layer

202T5 English

After successful completion of the course, the student will,

CO1: Understand Letter Writing: Structure and Conventions also write different kinds of letter

CO2: Learn Writing a CV or Resume

CO3: Be able to understand how to Write Press Reports.

CO4: Learn from movie Up in the Air

CO5: Understand Intensive Reading

202T4 Human Rights and Environmental Studies

Section A: Environmental Studies

After successful completion of the course, the student will,

CO1: Understand Nature of environmental studies, Natural resources and associated problems, Forest resources

CO2: Learn all kinds of resources like water, mineral, food

CO3: Be able to understand Ecosystems.

CO4: Learn Biodiversity and its conservation

CO5: Understand Environmental Pollution

CO6: Be able to understand Social Issues and Environment

CO7: Learn about Human Population and the Environment.

CO8: Visit field to study common plants, insects & birds

Section B: Human Rights

After successful completion of the course, the student will,

CO1: Understand Nature of human rights, origin and development of the concept of Human Rights

CO2: Learn Classification of Human rights

CO3: Know Enforcement of human rights-basic principles governing enforcement of human rights at different levels