

**SADAKATHULLAH APPA COLLEGE  
(AUTONOMOUS)**

**(Reaccredited by NAAC at an 'A' Grade. An ISO 9001:2015  
Certified Institution)**

**RAHMATH NAGAR, TIRUNELVELI- 11.**

**Tamilnadu**



**CBCS SYLLABUS**

**For**

**BCA**

**(Applicable for students admitted in June 2021 and onwards)**

**(As per the Resolutions of the Academic Council Meeting  
2021 held on)**

# Programme Learning Outcomes (PLO)

## **Bachelor of Computer Applications (B.C.A)**

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The students graduating with the Degree B.Sc / B.C.A will be able to:

### **PLO 1: Disciplinary Knowledge**

- Acquire scientific knowledge and the understanding of major concepts and theoretical principles.

### **PLO 2: Creative Thinking and Practical Skills / Problem Solving Skills**

- Enrich skills of observation / research related skills to draw logical inferences from scientific experiments/ programming and skills of creative thinking to develop novel ideas.
- Hone problem solving skills in theoretical, experimental and computational areas and to apply them in research fields and in real life situations.

### **PLO 3: Sense of inquiry and Skilled Communicator**

- Develop the capability for raising appropriate questions relating to the current/emerging issues encountered in the scientific field and to plan, execute and express the results of experiments / investigations through technical writings as well as through oral presentations.

### **PLO 4: Ethical Awareness / Team Work / Environmental Conservation and Sustainability**

- Equip them for conducting work as an individual / as a member, or as a leader in diverse teams upholding values such as honesty and precision and thus preventing unethical behaviors such as fabrication, falsification, misrepresentation of data, plagiarism etc. To ensure academic integrity.
- Realize that environment and humans are dependent on one another and to know about the responsible management of our ecosystem for survival, and for the well-being of the future generation as well.

### **PLO 5: Usage of ICT/ Lifelong Learning / Self-Directed Learning**

- Inculcate the habit of learning continuously through the effective adoption of ICT to update knowledge in the emerging areas in Sciences for inventions/discoveries and also to engage in remote / independent learning.

#### **Programme Specific Outcomes (PSO)**

<b>PSO No.</b>	<b>Upon completion of B.C.A Degree programme, the students will be able to:</b>	<b>PLO Addressed</b>
PSO-1	Understand the basic concepts and fundamentals of digital computer, logical reasoning, Object Oriented Programming, databases, data structures, data mining and applications of Operating System.	1,2,5
PSO-2	Apply standard software engineering, testing methods and project management concepts in software development.	1,3,4
PSO-3	Analyze computer programs in the areas of algorithms, multimedia, big data analytics, IoT, R-Programming and networking to design computer based systems of varying complexity.	1,2,5
PSO-4	Experiment their knowledge in general programming to develop small applications, animation programs and mobile applications including android apps.	2,3,4,5
PSO-5	Develop their skills to solve problems in the broad area of programming concepts besides creating web pages using the knowledge of various web technologies.	2,4,5

**CBCS Syllabus –BCA  
(2021-22 onwards)**

SEM	Part	P	Title of the paper	S. Code	H/W	L*	T*	P*	C	Marks		
										I	E	T
I	I	I L-I	இக்காலத்தமிழ்	21ULTA11	6				3			
			Grammar and Translation - I	21ULAR11								
	II	II L-I	Communicative English -I	21ULEN11	6				3			
	III	DSC-I	Principles of Programming in C	21UCCA11	4				4			
	III	DSC-II	Digital Computer Fundamentals	21UCCA12	4				4			
	III	P-I	Principles of Programming in C Practical	21UCCA1P1	2				1			
	III	A-I/1	Office Automation	21UACA11	4				3			
	III	A-I/1P	Office Automation Practical	21UACA1P1	2				1			
IV	AECC-I	Value Education-I	21USVE1A	2				2				
		Value Education-II	21USVE1B									

**DEPARTMENT OF COMPUTER APPLICATION**  
**BCA SYLLABUS**  
**(Applicable for students admitted in June 2021 onwards)**

**PART III – CORE , CORE ELECTIVE & PROJECT**

**SEMESTER – I**

<b>Course Title</b>	<b>PRINCIPLES OF PROGRAMMING IN C</b>
<b>Total Hrs.</b>	<b>60</b>
<b>Hrs./Week</b>	<b>4</b>
<b>Sub Code</b>	21UCCA11
<b>Course Type</b>	<b>Core I</b>
<b>Credits</b>	<b>4</b>
<b>Marks</b>	100

**General Objective:**

Teach programming in solving the problems by familiarizing the students with the basic concepts of C programming language.

**Course Objectives: The learners will be able to:**

<b>CO No.</b>	<b>Course Objectives</b>
CO-1	Understand data representation and its types in C programming.
CO-2	Comprehend arrays, functions and pointers besides its concepts.
CO-3	Examine the types of variables and functions besides recursion.
CO-4	Analyze the concepts of macros, typedef and enumeration.
CO-5	Evaluate the structures and files of C programming.

**UNIT I:**

Identifiers & Keyword – Data types – Constants– Variables – Input statement – Output Statement –Operators – Expressions – Assignment statement – Conditional Statement – Looping Statements – Break and Go To Statement.

**UNIT II**

Array Notation – Array Declaration – Initialization – Processing with Array – Array and Functions – Multidimensional array character array – Pointer declaration – Pointer Arithmetic – Array of Pointers – Pointers & Functions.

### **UNIT III**

Function & Program Structure – Defining Function – Return Statement – Types of Function – Argument – Local & Global Variable – Scope of the Variable – Recursion-string functions

### **UNIT IV:**

Preprocessors – preprocessor operators - Macros – parameterized macros - Header Files – Standard Functions –Structures – Union– Bit fields – Type def – Enumeration.

### **UNIT V:**

Structures – Declaration of structure – Members – Accessing the members of a structure – Arrays of structures – Pointer to structure-File Handling - File operations - Creating and accessing a data file

### **TEXTBOOK:**

C Programming By Balagurusamy 6th Edition, ANSI C, TMH

### **REFERENCE BOOKS:**

- 1.Programming with C by ThamaraiSelvi.
- 2.AshokKamthane, “Programming with ANSI & Turbo C”, Pearson, 2011.

### **Course Outcomes**

<b>CO No.</b>	<b>Course Outcomes</b>	<b>PSO Addressed</b>	<b>Cognitive Level</b>
CO-1	Classify various data types besides understanding the use of different looping statements in C programming.	1,3	Understanding
CO-2	Apply their knowledge to use arrays and pointers efficiently.	1,3	Applying
CO-3	Analyze the structures of functions, variables and recursion to implement in programs.	1,3,4,5	Analyzing
CO-4	Analyze the concept of macros, typedef and enumerations to execute programs.	1,3,4	Analyzing
CO-5	Evaluate the structures and files to write programs.	1,3,4,5	Evaluating

### Relationship Matrix

Semester	Course Code	Title of the Course	Hours	Credit						
I	21UCCA11	PRINCIPLES OF PROGRAMMING IN C	60	4						
Course Outcomes (COs)	Programme Learning Outcomes (PLOs)					Programme Specific Outcomes (PSOs)				
	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO-1	✓	✓			✓	✓		✓		
CO-2	✓	✓			✓	✓		✓		
CO-3	✓	✓	✓	✓	✓	✓		✓	✓	✓
CO-4	✓	✓	✓	✓	✓	✓		✓	✓	
CO-5	✓	✓	✓	✓	✓	✓		✓	✓	✓
	Number of matches (✓) = 36 Relationship = High									

Prepared by

Checked by

Name: M.H.Ibrahim

Head of the Department

Signature:

## SEMESTER – I

<b>Course Title</b>	<b>Digital Computer Fundamentals</b>
<b>Total Hrs.</b>	<b>60</b>
<b>Hrs./Week</b>	<b>4</b>
<b>Sub.Code</b>	<b>21UCCA12</b>
<b>Course Type</b>	<b>Core II</b>
<b>Credits</b>	<b>4</b>
<b>Marks</b>	<b>100</b>

### **General Objective:**

To familiarize students with the fundamental concepts associated with digital logic, laws of Boolean algebra and digital circuits besides training them to acquire the basics of structure and functions of computer systems.

### **Course Objectives: The learners will be able to:**

<b>CO No.</b>	<b>Course Objectives</b>
CO-1	Understand the various number systems and their conversions among them.
CO-2	Identify the functions of logic gates and comprehend the basic concepts of Boolean algebra.
CO-3	Choose the concept of K-map to simplify the digital circuits.
CO-4	List the fundamentals of computer system organization.
CO-5	Distinguish the types of addressing modes and stack organization.

### **UNIT I**

Number system: Binary Addition and Subtraction – Binary Multiplication and Division Converting Decimal numbers to Binary-Negative numbers – Use of Complements to Negative numbers – Binary number complements – BCD – Octal and Hexadecimal number systems.

### **UNIT II**

Boolean algebra and Gate networks: Fundamental concepts of Boolean algebra – Logical multiplication – AND and OR gates – Basic laws of Boolean Algebra – De Morgan's theorem - Boolean Algebra – Sum of Products(SOP) and Product of Sums(POS)



### UNIT III

Map Simplification using Karnaugh Maps – Don't care conditions-Logic Design : Flip-Flop – Gated flip flops – Master- Slave flip flops – SR flip-flop – D flip-flop

### UNIT IV

**Basic Computer Organization:** Instruction codes - Computer Registers-Computer Instructions - Memory Addresses - Instruction cycle - Timing Signals- Control Signals- Bus organization

### UNIT V

Stack Organization: Register Stack, Memory Stack, Reverse Polish Notation. Instruction Formats, Three- Address Instructions, Two – Address Instructions, One - Address Instructions, Zero - Address Instructions, Addressing Modes.

#### TEXT BOOKS:

1. Digital computer Fundamentals – Thomas C.Bartee, sixth Edition , McGraw – Hill Publications
2. M. Morris Mano - Computer System Architecture -Third Edition

#### REFERENCE BOOKS:

1. Malvino, Paul Albert and Leach, Donald P: “Digital Principles and Applications” 4th Edition, 2000. TMH.
2. Malvino, Paul Albert and Leach, Donald P: “Digital Computer Fundamentals” 3rd Edition, 1995. TMH.

#### Course Outcomes

CO No.	Course Outcomes	PSO Addressed	Cognitive Level
CO-1	Understand various number systems for the effective conversion	1,5	Understanding
CO-2	Classify different gates such as AND, OR, XOR and XNOR.	1,4	Understanding
CO-3	Apply the concept of K-Map for the simplification of circuits.	1,4	Applying
CO-4	Analyze the fundamentals of computer system organization	1,3,4	Analyzing
CO-5	Explain the types of addressing modes and various stack organization.	1,3,5	Evaluating

### Relationship Matrix

Semester	Course Code	Title of the Course					Hours	Credit		
I	21UCCA12	Digital Computer Fundamentals					60	4		
Course Outcomes (COs)	Programme Learning Outcomes (PLOs)					Programme Specific Outcomes (PSOs)				
	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO-1	✓	✓		✓	✓	✓				✓
CO-2	✓	✓	✓	✓	✓	✓			✓	
CO-3	✓	✓	✓	✓	✓	✓			✓	
CO-4	✓	✓	✓	✓	✓	✓		✓	✓	
CO-5	✓	✓		✓	✓	✓		✓		✓
Number of matches (✓) = 35 Relationship = Medium										

Prepared by

Checked by

R.FathimaSyreen

Head of the Department

## SEMESTER – I

<b>Course Title</b>	<b>PRINCIPLES OF PROGRAMMING IN C PRACTICALS</b>
<b>Total Hrs.</b>	<b>30</b>
<b>Hrs./Week</b>	<b>2</b>
<b>Sub.Code</b>	21UCCA1P1
<b>Course Type</b>	Practical
<b>Credits</b>	1
<b>Marks</b>	100

### **General Objective:**

This course teaches the problem-solving through C-programming. It also involves a lab component which is designed to give the student hands-on experience with the concepts.

### **Course Objectives: The learner will be able to:**

<b>CO No.</b>	<b>Course Objectives</b>
CO-1	understand the branching and looping Statement
CO-2	Examine two-Dimensional arrays and functions in C
CO-3	Experiment with string and pointers
CO-4	Examine the typedef and structure pointers
CO-5	List the various files in C

1. Program using branching statement.
  - a. write a c program to display a number if it is negative using if Statement
  - b. write a c program to check whether an integer is odd or even using if else Statement
  - c. write a c program to display grade of a student using Switch case
2. Program using looping statement.
  - a. write a c program to find the Fibonacci series using while loop
  - b. write a c program to find the factorial of given number using Do-While
  - c. write a c program to calculate the sum of first n natural numbers using For loop
3. Program using two dimensional arrays.
  - a. Matrix Addition
  - b. Matrix Multiplication
4. Program using functions.
5. Program using Recursions.                      a. Factorial
6. Program using strings.
7. Program using pointer.

8. Programs using Structure pointer.
9. Program using typedef
10. Program using Files.

Co No	Upon Completion of this course, students will be able to	PSO Addressed	Cognitive level
CO-1	Understand different looping and branching statements in C programming.	1,3,4	Understanding
CO-2	Identify knowledge to use arrays and functions efficiently.	1,3	Applying
CO-3	Analyze the strings and recursion to implement in programs.	1,3,5	Analyzing
CO-4	Analyze the concept pointer and structure to execute programs.	1,3,4,5	Analyzing
CO-5	Evaluate the typedef and files to write programs.	1,2,3,5	Evaluating

### Relationship Matrix

Semester	Code	Title of the course					Hours	Credit		
I	21UCCA1 P1	Principles Of Programming in C Practicals					30	1		
Course Outcomes (COS)	Programme Learning Outcomes (PLO)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO-1	✓	✓	✓	✓	✓	✓		✓	✓	
CO-2	✓	✓			✓	✓		✓		
CO-3	✓	✓		✓	✓	✓		✓		✓
CO-4	✓	✓	✓	✓	✓	✓		✓	✓	✓
CO-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of matches (✓) = 39 Relationship = Medium										

Prepared by

Checked by

Name :M.H.Ibrahim

Head of the Department

Signature :

## Semester – I

<b>Course Title</b>	<b>Office Automation</b>
<b>Total Hrs.</b>	<b>60</b>
<b>Hrs./Week</b>	<b>4</b>
<b>Sub.Code</b>	21UACA11
<b>Course Type</b>	AI-1
<b>Credits</b>	<b>3</b>
<b>Marks</b>	100

### General Objective:

This course provides the basics and the most of the features in the Word, Excel, Power point, Access in Microsoft Office package.

### Course Objectives: The learner will be able to:

<b>CONo.</b>	<b>Course Objectives</b>
CO-1	Explain the basic features in Microsoft office interface
CO-2	Prepare professional word documents with advanced formatting options.
CO-3	Experiment worksheets by applying cell manipulation and formatting features in Excel.
CO-4	Evaluate different types of financial and statistical functions to create chart with custom and special effects.
CO-5	Choose the ways to create and manipulate database using queries in MS access and prepare professional presentations using PowerPoint.

### UNIT I

**Explore Office 2010:** Working the program environment – changing program settings – customizing the ribbon – customizing the quick access toolbar – Work with files – creating and saving files – opening, moving around in and closing files – viewing files in different ways

### UNIT II

**Word:** Introduction –What’s new in word 2010 – Components of MS Word Environment – Working with word document -Applying advanced formatting techniques – Page Formatting - Working with Columns - Constructing high quality tables - Creating outlines in Word.

### **UNIT III**

Creating customized Merge Documents, Adding reference to documents - Working with complex documents - Preparing a document for preparation

**Excel:** Introduction –Creating Excel Worksheet - Entering and editing Cell entries - Working with numbers – Inserting and deleting of cells, rows and columns – moving, copying, inserting and deleting worksheets - changing worksheet layout - other formatting options

### **UNIT IV**

Printing in Excel - using functions and references - naming ranges – Working and entering a formula - creating charts - using custom and special effects – Elements of an Excel chart - Using financial and statistical functions. Tracking and analyzing data with Excel - auditing Worksheet.

### **UNIT V**

**Access:** Introduction – Objectives of Access Database – Part of Access windows – Creating a new database – Creating table through design window – Queries – Creating a Form

**Power Point:** Creating Power Point presentation: Creating a Basic Presentation, building presentations, modifying visual elements, formatting and checking text, adding objects, applying transitions, animations effects and linking, preparing handouts, taking the show on the road.

#### **TEXT BOOK:**

Office Automation, Rizwan Ahmed, Margham Publications

#### **REFERENCE BOOKS:**

Step by Step Microsoft Office Professional 2010, Joyce cox, Joan Lambert and Curtis Frye, Microsoft Press.

### Course Outcomes

CO	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Illustrate the features to create and manipulate files in MS Office package.	1,3,4	Understanding
CO-2	Apply advanced formatting techniques in MS Word to produce an attractive document.	1,3,4	Applying
CO-3	Manipulate worksheets containing numbers along with formatting options in Excel.	1,3,4	Applying
CO-4	Analyze Excel functions and references by creating charts.	1,3,4	Analyzing
CO-5	Value queries against the database in MS Access and enrich presentations with transition and animation effects in PowerPoint.	1,2,3,4,5	Evaluating

### Relationship Matrix

Semester	Course Code	Title of the Course					Hours	Credit				
I	21UACA11	Office Automation					60	3				
Course Outcomes (COs)	Programme Learning Outcomes (PLOs)					Programme Specific Outcomes (PSOs)						
	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5		
CO-1	✓	✓	✓	✓	✓	✓		✓	✓			
CO-2	✓	✓	✓	✓	✓	✓		✓	✓			
CO-3	✓	✓	✓	✓	✓	✓		✓	✓			
CO-4	✓	✓	✓	✓	✓	✓		✓	✓			
CO-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Number of matches (✓) = 42 Relationship = High												

Prepared by  
Name :MohideenPillai S  
Signature :

Checked by  
Head of the Department

## Semester – I

<b>Course Title</b>	<b>Office Automation Practical</b>
<b>Total Hrs.</b>	<b>30</b>
<b>Hrs./Week</b>	<b>2</b>
<b>Sub.Code</b>	21UACA1P1
<b>Course Type</b>	AI-P1
<b>Credits</b>	<b>1</b>
<b>Marks</b>	100

### General Objective:

This course enables to create word documents, spreadsheets in excel, database in access and presentations in PowerPoint in a professional way by applying features in MS Office package.

### Course Objectives: The learner will be able to:

<b>CONo.</b>	<b>Course Objectives</b>
CO-1	Construct word documents with word art and spell check features.
CO-2	Manipulate word documents using formatting options and applying mailmerge.
CO-3	Experiment spreadsheets using formulas, charts and macros in Excel.
CO-4	Illustrate presentations with different formatting features in PowerPoint.
CO-5	Decide methods to manipulate database and reports in Access,

### MS WORD 2019

1. Prepare, Edit and Print a document.
2. Using Spell Check and Thesaurus.
3. Designing a cover page with word art.
4. Using Header, Footer Bookmark, Foot notes.
5. Mailmerge a letter to an address file.
6. Typing 5 Mathematical equations and symbols.



## **EXCEL 2019**

1. Entering spread sheets with formula.
2. Creation of spreadsheet with statistical calculations.
3. Printing of Graphs and charts for the given data.
4. Creating and using macros.

## **POWER POINT 2019**

1. Creation of presentation with different styles on a given topic of current interest.
2. Preparing Presentation for a topic in the study of all courses.
3. Preparing presentation with different transitions and animation effects

## **ACCESS 2019**

1. Creation of database with a table and querying the database
2. Manipulation of data in a report

### **Course Outcomes**

<b>CO</b>	<b>Course Outcomes</b>	<b>PSOs Addressed</b>	<b>Cognitive Level</b>
CO-1	Explain word documents with word art and without spelling mistakes.	1,3,4	Understanding
CO-2	Utilize formatting options and mailmerge feature to deliver an attractive, professional word document.	1,3,4	Applying
CO-3	Analyze formulas and macros in spreadsheets to produce graphs and charts in Excel.	1,3,4	Analyzing
CO-4	Organize PowerPoint presentations with different styles, transition and animation effects.	1,3,4	Analyzing
CO-5	Select database manipulation methods using queries and prepare reports from database.	1,2,3,4,5	Evaluating

### Relationship Matrix

Semester	Course Code	Title of the Course					Hours	Credit		
I	21UACA1P1	Office Automation Practical					30	1		
Course Outcomes (COs)	Programme Learning Outcomes (PLOs)					Programme Specific Outcomes (PSOs)				
	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO-1	✓	✓	✓	✓	✓	✓		✓	✓	
CO-2	✓	✓	✓	✓	✓	✓		✓	✓	
CO-3	✓	✓	✓	✓	✓	✓		✓	✓	
CO-4	✓	✓	✓	✓	✓	✓		✓	✓	
CO-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of matches (✓) = 42 Relationship = High										

Prepared by

Checked by

Name :Mohideen Pillai S

Head of the Department

Signature :

<b>I SEMESTER</b>			
<b>AECC1</b>	<b>VALUE EDUCATION – I</b>		
<b>Hrs/ Week: 2</b>	<b>Hrs/ Sem: 30</b>	<b>Hrs/ Unit: 6</b>	<b>Credits:</b>

**Objectives:**

- To inculcate moral values in the minds of students.
- To teach ethical practices to be adopted by students in their life.
- To make students honest and upright in their life.

**UNIT I**

Islam – Meaning – Importance – A complete Religion – The religion accepted by God – Five Pillars of Islam – Kalima – Prayers – Fasting – Zakat – Haj.

Iman – Monotheism – Angels – Books – Prophets – Dooms Day – Life after death – Heaven and Hell.

**UNIT II**

Quran – The Book of Allah – Wahi – Revelation to Prophet Muhammad(sal) – Compilation – Preservance – Structure – Content – Purpose – Source of Islamic Law– SuraFathiha , Kafirun, Iqlas, Falakh and Nas.

**UNIT III**

Hadith – SihaSitha – Buhari – Muslim – Tirmithi – Abu Dawood – Nasai – IbnMaja – Collection of Hadith – Meaning of 40 Hadith.

**UNIT IV**

Life History of Prophet Muhammad (sal) – AiamulJahiliya – Prophet’s Childhood and Marriage – Prophethood – Life at Mecca – Life at Medinah – Farewell Address – Seal of Prophethood.

**UNIT V**

Good character – Etiquettes – Halal and Haram – Duties towards Allah – Duties towards fellow beings – MasnoonDuas.

**REFERENCE BOOKS:**

1. V.A. MoahmedAshrof – Islamic Dimensions – Reflection and Review on Quranic Themes.
2. The Presidency of Islamic Researchers – Revised & Edited – The Holy Quran.
3. M. ManzoorNomani – Islamic Faith & Practice.
4. Abdul Hasan Ali Nadvi – Muhammad Rasulullah.
5. K. Ali – A Study of Islamic History.
6. Abdul Rahuman Abdullah – Islamic Dress code for Women.
7. Dr. MunirAhamed Mughal – Code For Believers.
8. Abdul Malik Mujahid – Gems and Jewels.

<b>I SEMESTER</b>			
<b>AECC1</b>	<b>VALUE EDUCATION – II</b>		
<b>Hrs/ Week: 2</b>	<b>Hrs/ Sem: 30</b>	<b>Hrs/ Unit: 6</b>	<b>Credits:</b>

### **UNIT I**

Individual Morality – Objective of Moral life – Living in accordance with the code of Morality – the goodness of Morality – Morality and *Thirukural*-The need for faith.

### **UNIT II**

Adherence to higher code of Morality – Fear of God – Good Moral Values – Duty to Parents – Teacher, respecting elders – Moral Etiquettes – Right-minded Principle – High Principles for Proper conduct.

### **UNIT III**

Inculcating good attitudes – Open mindedness – Morale – analysing the pros and cons of good and bad – Service to others – Mind Power, tolerance, respecting others, showing love to others, patience – tranquility – Modesty, kindness and forgiveness.

### **UNIT IV**

Quotations and moral Stories expressing Good characters of Great personalities – Life History of Great people: Mahatma Gandhi, Abraham Lincoln, Dr. A.P.J. Abdul Kalam.

### **UNIT V**

Truth, the importance of uprightness, integrity, friendship – Health awareness on Alcohol and drug abuse – inculcating reading habit – reading good books – Hygiene – Dowry – Corruption.

### **TEXTBOOK:**

Publication of Sadakathullah Appa College.