CURRICULUM FOR

"BACHELOR OF (Artificial Intelligence and Data Science) (B.Sc. AIDS)"

w.e.f. Academic Year 2025-26

॥ तमसो मा ज्योतिर्गमय ॥

VISION

To provide equal opportunities for value based global education for creating an Enlightened Society

MISSION

To establish and facilitate educational institutions in the region for providing affordable value based global education to all who aspire to study and to create opportunities to educators, social workers and philanthropists to serve society

SARVAJANIK UNIVERSITY

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creating an enlightened society...

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Constituent Institute:

Shree Ramkrishna Institute of Computer Education and Applied Sciences (SRKI)

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Course Curriculum
B.Sc. (Artificial Intelligence and Data Science)

The Course Curriculum of Master of Science (Information Technology) was proposed and drafted by **Academic and Curriculum Committee of Computer Science** under the Faculty of Science in the meeting held on 09-05-2025 and recommended to **'BOARD OF STUDIES'** for approval.

Prof. Jayesh Pushtiwala **Chairman, Academic** **& Curriculum Committee** **Science**	**Place of the meeting** **Sarvajanik University Office**	Jayesh **Sign**

The proposed Course Curriculum was approved by **Board of Studies; Science** under the Faculty of Science in the meeting held on 16-05-2025 and was recommended to the '**FACULTY**' for approval.

Prof. Chaulami Desai **Chairman,** **Board of Studies- Science**	**Place of the meeting** **Sarvajanik University Office**	Desai **Sign**

The Course Curriculum approved by the **Faculty of Science** in the meeting held on 16-05-2025 and was recommended to **'ACADEMIC COUNCIL'** for approval.

Prof. Chaulami Desai **Chairman &** **Dean, Faculty of** **Science**	**Place of the meeting** **Sarvajanik University Office**	Desai **Sign**

The Course Curriculum approved by the '**Academic Council of Sarvajanik University** 'in the meeting held on 28-05-2025.

Mr. Ashish Desai **Member Secretary,** **Academic Council** **& I/c. Registrar,** **Sarvajanik University**	**Place of the meeting** **Sarvajanik University Office**	 **Sign**

- ***The approved curriculum of Bachelor of Science (Artificial Intelligence and Data Science) is with effect from the Academic year 2025–26 and to be reviewed before 2028 –29***

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Faculty of Science

Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat

B.Sc. Artificial Intelligence and Data Science

Bachelor of Artificial Intelligence and Data Science 2025-26

Introduction:

The B.Sc. in Artificial Intelligence and Data Science program invites students from many academic backgrounds who wish to pursue education and employment across the domains of artificial intelligence and data science. It will empower you to fulfil your academic potential as well as help you gain the industry-specific and interpersonal abilities you need to work as an IT professional.

Your studies will blend theoretical concepts with technical skills. It mixes Data Science with real-world data to enable machines and computers to mimic the human mind's decision-making and problem-solving capabilities. Many human mental activity, such as developing computer programs, completing arithmetic, engaging in common sense thinking, interpreting language, and even driving a car, are said to require "intelligence". AI systems are built, tested, and upgraded.

Data Science is a vast field that encompasses many aspects of statistics, mathematics, and information technology. A Data Science course syllabus for beginners covers the fundamentals and advanced ideas of data analytics, machine learning, statistics, and programming languages such as Python and R. It also teaches students how to use massive datasets to detect trends and build predictive models. Data science has gone a long way. Data scientists are the most critical asset for any organization hoping to prosper in this mad rush. They are now the "wizards of all problem solvers."

The course can cover a variety of interdisciplinary topics, including programming languages, algorithms, operating systems, databases, machine learning, data mining, artificial intelligence, big data, probability and statistics, data optimization, statistical simulation and data analysis, management decision analysis, decision models, and predictive analytics. Data science has become increasingly important in the field of computer science. The demand for scientists who understand data in all of its elements will continue to rise dramatically.

Artificial Intelligence and Data Science refers to the use of various tools and techniques from the disciplines of Artificial Intelligence & Data Science, applied statistics, mathematics, and computer science to gain greater insight and make better and more informed decisions for a variety of purposes by analyzing large amounts of data. As a result, the study of Artificial Intelligence and Data Science as a subject has become critical to fulfilling the growing demand for experts and researchers to deal with upcoming challenges.

Objectives of the programme:

- Provide students with a strong foundation in mathematics, statistics, computer science, and AI/data science principles to analyze, design, and develop intelligent systems and solutions.
- Encourage the capacity to use machine learning, deep learning, data mining, and big data analytics approaches to solve real-world problems in fields such as healthcare, finance, transportation, and social media, while also fostering innovation and research.
- Instill a thorough awareness of ethical considerations, data privacy, and responsible AI usage, while also educating graduates to work effectively in diverse teams, convey complex ideas clearly, and adapt to changing technologies and industry demands.

Eligibility Criteria:

- A candidate must have passed 10+2 in any stream with Mathematics / Physics / Electronics / Statistics / Business maths/Accountancy as one of the subjects or an equivalent examination.
- The candidate who has passed equivalent exam from other subjects or boards need to avail eligibility certificate for this programme from the Board of Equivalence (BoE) of the Sarvajanik University.

Credit Structure: (Annexture-1)

Semester wise course group wise credit allocation for Under Graduate Programme

Semester	Major						Minor		Skill Enhancement		Ability Enhancement		Multidiscipl.		Value Added		Total Credits
	Major No. of Papers	Theory		Lab		Total Major Credits											
		Theory Hours	Theory Credits	Lab Hrs	Lab Credits		No. of Papers	Credits	No. of Papers	Credits	No. of Papers	Credits	No. of Papers	Credits	No. of Papers	Credits	
1	2	3+3	3+3	2+2	1+1	8	1	4	1	2	1	2	1	4	1	2	22
2	2	3+3	3+3	2+2	1+1	8	1	4	1	2	1	2	1	4	1	2	22
3	3	3+3+3	3+3+3	2+2+2	1+1+1	12	0	0	1	2	1	2	1	4	1	2	22
4	3	3+3+3	3+3+3	2+2+2	1+1+1	12	1	4	1	2	1	2			1	2	22
5	3	3+3+3	3+3+3	2+2+2	1+1+1	12	2	8	1	2							22
6	3	3+3+3	3+3+3	2+2+2	1+1+1	12	1	4	Intrnsp	4	1	2					22
Total after 3y	**16**					**64**	**6**	**24**	**5+I**	**10+4**	**5**	**10**	**3**	**12**	**4**	**8**	**132**
7 (Honors)	4	3+3+3+3	3+3+3+3	2+2+2+2	1+1+1+1	16	1	4	1	2							22
8 (Honors)	4	3+3+3+3	3+3+3+3	2+2+2+2	1+1+1+1	16	1	4	1	2							22
7 (Research)	3	3+3+3	3+3+3	2+2+2	1+1+1	12	1	4	RP	6							22
8 (Research)	3	3+3+3	3+3+3	2+2+2	1+1+1	12	1	4	RP	6							22
Total after 4y	**24/22**					**96/88**	**8**	**32**	**7+I**	**18/26**	**5**	**10**	**3**	**12**	**4**	**8**	**176**

SEMESTER- 1: Year 2025-26

		TITLE OF SUBJECT	CREDIT	TH (Hrs)	PR (Hrs)	TOTAL
SEMESTER -1	Major	Structured Programming Methodology (TH)	3	3	-	3
	Major	Structured Programming Methodology (PR)	1	-	2	1
	Major	Database Management Systems-I (TH)	3	3	-	3
	Major	Database Management Systems-I (PR)	1	-	2	1
	Minor	Fundamentals of Computer Systems	4	4	0	4
	SEC	Web Designing-I (TH)	1	1	-	1
	SEC	Web Designing-I (PR)	1	-	2	1
	MDC	Fundamentals of Mathematics and Statistics	4	4	0	4
	AEC	MIL Gujarati-I / Integrated Personality Development Course - I	2	2	0	2
	VAC	Indian Knowledge System (Foundation)	2	2	0	2
		total=	22			

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Faculty of Science

Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat

B.Sc. Artificial Intelligence and Data Science

SEMESTER- 1

Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences				
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science
Year	2025		**Version**	1.0
Semester	I		**Effective From**	April, 2025
Course Code	BSCS31101	**Course Name**	Structured Programming Methodology (TH)	

Teaching Scheme				Examination Scheme		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CCE)**	**Semester end examinations (SEE)**	**Total**
3	3	-	-	40	35	75

Purpose of Course	The aim of this course is to introduce to the students the rudiments of programming using java language. Students will become familiar with problem solving techniques and algorithm development.
Course Objective	• To gain knowledge about Programming languages, programming methodology. • To gain knowledge about basic Java language syntax and semantics to write programs and use concepts such as variables, conditional and iterative execution methods etc. • To understand how to work with Arrays and Strings.
Pre-requisite	NIL
Course Out come	At the end of the course, student is expected to have understanding about the concepts of programming languages, programming basics, Functions, Strings and Arrays, etc.
Course Content	**Unit 1 Introduction to programming** **[6 hrs]** 1.1 What is a program? 1.2 Levels of programming languages 1.3 Programming methodologies – structured and object-oriented 1.4 Java History 1.5 Features of Java, Bytecode, Steps of java program execution **Unit 2 Introduction to program design** **[6 hrs]** 2.1 What is a Flowchart? 2.2 Flowchart symbols and its usage 2.3 What is an Algorithm? 2.4 Characteristics of good algorithm **Unit 3 Getting started with structured programming** **[6 hrs]** 3.1 Basic structure of program in java 3.2 Variables, Datatypes, Keywords, Constants, Comments

	3.3 Printing output 3.4 String literal 3.5 Operators 3.5.1 Arithmetic Operators 3.5.2 Unary Operators 3.5.3 Relational Operators 3.5.4 Assignment Operators 3.5.5 Conditional Operators 3.6 Type casting **Unit 4 Control structures** **[7 hrs]** 4.1 Looping statements 4.1.1 while Loop 4.1.2 do-while Loop 4.1.3 for Loop 4.2 Various forms of if Statement 4.2.1 If, else if, nested if 4.2.2 Switch statement 4.2.3 Break and Continue Statements **Unit 5 Introducing Functions** **[7 hrs]** 5.1 Inbuilt functions 5.2 User defined functions 5.2.1 Function declaration, definition and function calling 5.2.2 Passing parameter to functions 5.2.3 Returning values from functions **Unit 6 Strings and Arrays** **[8 hrs]** 6.1 String class 6.2 Inbuilt String methods 6.3 Operations on String without using inbuilt functions 6.4 Concept of Substring 6.5 Creating and accessing an array, array literal 6.6 Single Dimensional array 6.7 Multi-Dimensional array 6.8 Operations on Arrays 6.9 Passing array to the function
Practical	List of practical will be prepared at the beginning of each semester
Reference Books	1. The Complete Reference Java2 Herbert Schildt TMH, New Delhi 2. Mastering JAVA2 John Zukowski BPB 3. 3. Teach Yourself Java2 platform in 21 days Lamey & Cadenhead Teach Media 4. Java in Nut shell - O'Relly Publication 5. Java Language Reference - O'Relly Publication

Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences						
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science		
Year	2025		**Version**	1.0		
Semester	I		**Effective From**	April, 2025		
Course Code	BSCS31104	**Course Name**	Structured Programming Methodology (PR)			

Teaching Scheme				**Examination Scheme**		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CCE)**	**Semester end examinations (SEE)**	**Total**
1	-	-	2	10	15	25

Purpose of Course	The purpose of the course is to make students capable of implementing concepts, methods, tools and techniques studied in courses of semester 1.
Course Objective	The objective of these course is to enable students to learn practical implementation of Structured Programming Methodology
Pre-requisite	As per theory papers of Major - Structured Programming Methodology
Course Out come	After completion of this course, the student will be capable of performing practical application of subject - Structured Programming Methodology
Course Content	The students will be required to carry out practical on Structured Programming Methodology using the methods and tools discussed there in. A Journal must be prepared for the practical work done.
Practical	List of practical will be prepared at the beginning of each semester
Reference Books	As per paper Major - Structured Programming Methodology

Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences				
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science
Year	2025		**Version**	1.0
Semester	I		**Effective From**	April, 2025
Course Code	BSCS31103	**Course Name**	Database Management Systems-I (TH)	

Teaching Scheme				Examination Scheme		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CCE)**	**Semester end examinations (SEE)**	**Total**
3	3	-	-	40	35	75

Purpose of Course	This course covers database management systems, entity relationship models, relational models, and SQL (DDL, DML, and DCL).
Course Objective	To introduce the concept of database systems, modeling of data and to make use of SQL for efficient storage and retrieval of data.
Prerequisite	NIL
Course Out come	Students will be able to: · Recognize the differences between traditional file processing systems and database approaches; · Create an entity-relationship model according to user needs; Data from one or more tables can be stored, modified, and retrieved using SQL statements.
Course Content	**Unit 1 Introduction to DBMS** **[7 hrs]** 1.1 Fundamental concepts - data, information, database, DBMS, table, row, field 1.2 Need of Information - Business, Research, Governance 1.3 Requirement of DBMS 1.4 Levels of Abstraction in DBMS 1.5 Database Users and Administrator **Unit 2 Database Architecture and models** **[7 hrs]** 2.1 Database Architecture - Centralized database, Client-server, Parallel database, Distributed database 2.2 Introduction to data models - Relational, E-R, Object-Oriented **Unit 3 Relational Database Design** **[7 hrs]** 3.1 Structure of relational database. 3.2 Keys - Super key, candidate key, Primary key 3.3 E.F. Codd's rule

	3.4 Functional Dependency 3.5 Anomalies of DBMS 3.6 Normal Forms: 1NF, 2NF, 3NF, BCNF **Unit 4 Entity Relationship Model** **[7 hrs]** 4.1 Basic concepts and symbols used in E-R notation 4.2 Mapping cardinalities 4.3 Types of attributes 4.4 Generalization, Specialization 4.5 Designing E-R diagram **Unit 5 DDL Statements and Indexing** **[9 hrs]** 5.1 Data Types of attributes 5.2 Schema-based operations: Table Creation, Table structure modifications and removal 5.3 Domain Constraints 5.4 Referential Integrity Constraints 5.5 Create, Alter and Drop Index **Unit 6 DML Statements** **[8 hrs]** 6.1 Data manipulation 6.2 Retrieving the data 6.3 Operators: IN, BETWEEN, LIKE, Relational, Arithmetic and Logical Operators
Practical	List of practical will be prepared at the beginning of each semester
Reference Books	1. Silberschatz, Korth, Sudarshan ,Database System Concepts, McGraw-Hill computer science series 2. C J Date, An introduction to Database Systems, Addition-Wesley 3. Nilesh shah, Database System using Oracle, PHI. 4. Ramez Elmasri & Shamkant B. Navathe, Fundamentals of Database Systems, Addison-Wesley 5. Hector Gracia-Molina, Jeffrey D. Ullman, and Jennifer Widom, Database System Implementation, Pearson. 6. Ivan Bayross, SQL, PL/SQL, BPB Publications 7. Scott Urman, Oracle9i PL/SQL programming, McGraw-Hill

Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences					
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science	
Year	2025		**Version**	1.0	
Semester	I		**Effective From**	April, 2025	
Course Code	BSCS31105	**Course Name**	Database Management Systems-I (PR)		

Teaching Scheme				Examination Scheme		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CA)**	**Term end examinations (TEE)**	**Total**
1	-	-	2	10	15	25

Purpose of Course	The purpose of the course is to make students capable of implementing concepts, methods, tools and techniques studied in courses of semester 1.
Course Objective	The objective of these course is to enable students to learn practical implementation of Database Management Systems
Pre-requisite	As per theory papers of Major - Database Management Systems-I
Course Out come	After completion of this course, the student will be capable of performing practical application of subject - Database Management Systems-I
Course Content	The students will be required to carry out practical on Structured Programming Methodology using the methods and tools discussed there in. A Journal must be prepared for the practical work done.
Practical	List of practical will be prepared at the beginning of each semester
Reference Books	As per paper Major - Database Management Systems-I

Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences				
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science
Year	2025		**Version**	1.0
Semester	I		**Effective From**	April, 2025
Course Code	BSCS32103	**Course Name**	Fundamentals of Computer Systems	

Teaching Scheme				Examination Scheme		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CCE)**	**Semester end examinations (SEE)**	**Total**
4	4	-	-	50	50	100

Purpose of Course	The purpose of course is to make students aware of the basic concept of computer architecture and fundamentals regarding software development process.
Course Objective	To provide fundamental knowledge of computer ,hardware technologies, operating system and its process, basic of internet and software.
Pre-requisite	Basic understanding of computers.
Course Out come	After completion of this course, the student will get knowledge of computer internal structure, memories, various operating systems and basic idea for software development processes.
Course Content	**Unit 1 Computer Organization** **[8 hrs]** 1.1 Personal Computer, Workstation, Server, Mainframe, Super Computer, Embedded System 1.2 Basic building blocks – CPU, interconnection Bus, Input-Output 1.3 Internal architecture of processor – Register, ALU, Control Unit, Program Counter, Stack Pointer 1.4 Inter connection Bus structure – Data Bus, Address Bus, Control Bus 1.5 Processor Operations – Instruction cycle, Instruction fetch, Instruction decode, instruction execute, Program flow control, Processor clock, Machine cycle and T-state, interrupts and interrupt service routine **Unit 2 Basics of Operating System** **[7 hrs]** 2.1.Basic concept of Operating System 2.2.Purpose of Operating System 2.3.Types of Operating System **Unit 3 Memory Management** **[9 hrs]** 3.1.Types of Memory 3.2.Processor - Memory interaction 3.3.Secondary Memory, Direct Memory Access (DMA) 3.4. I/O Device controllers, I/O Processors

	3.5.Virtual Memory 3.6.Overview of Memory management – addressing, allocation, garbage collection, free memory list, paging, segmentation 3.7.Boolean algebra 3.8.Number System - Conversion of Numbers, Binary addition & subtraction, ASCII and ANSI character code **Unit 4 Fundamentals of Computer Networking** **[6 hrs]** 4.1 Need for Computer Networking 4.2 Types of Networks – LAN, MAN, WAN, Internet, Intranet 4.3 Applications of Network **Unit 5 Fundamentals of Internet** **[7 hrs]** 5.1 Overview of Internet, Intranet and types 5.2 World Wide Web (WWW), 5.3 Website Basics - WebPages(static and dynamic); HyperText, Web browser, Web Servers; Web Hosting, Web Portal, Domain name server 5.4 Overview of Client & Server Side Scripting, Applications of Internet **Unit 6 Software Basics** **[8 hrs]** 6.1 Types of Software 6.2 Software development life cycle 6.3 Software engineering practice – communication, planning, modelling, constructions, deployment 6.4 Software application architectures – Desktop applications, client-server/Web application, cloud application **Unit 7 Software Engineering** **[8 hrs]** 7.1 Various roles in software engineering 7.2 Software quality attributes – FURPS 7.3 Various programming methodologies – Structured, object oriented, event driven, pair programming, extreme programming 7.4 Coding standards and guidelines **Unit 8 Advance Processing System** **[7 hrs]** 8.1 Parallel Processing with Uniprocessor 8.2 Pipeline computers, Array computers, Multiprocessor system 8.3 Overview of SIMD, MIMD
Reference Books	1. Computer Architecture: K M Hebbar 2. Computer System Architecture: M. Morris Mano 3. Introduction to computers: 4th Edition – Peter Norton 4. Fundamentals of Computers: V. Rajaraman 5. Computer Architecture and Organization- A Journey Through Evolution: P. Chakraborty 6. Computer Architecture and Organization: Subrata Ghosal

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Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences						
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science		
Year	2025		**Version**	1.0		
Semester	I		**Effective From**	April, 2025		
Course Code	BSCS35103	**Course Name**	Web Designing-I (TH)			

Teaching Scheme				**Examination Scheme**		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CCE)**	**Semester end examinations (SEE)**	**Total**
1	1	-	-	12	13	25

Purpose of Course	The course gives students an idea about client server architecture and how to design basic web page design and to make students capable of developing effective and interactive web client parts of web applications.
Course Objective	To provide fundamental knowledge of Web page design with HTML5, CSS, Javascript.
Pr-requisite	NIL
Course Outcome	After completion of this subject, student will be able to • The student will be capable of designing effective and interactive web pages using HTML5, CSS, Javascript. • Design front web designing.
Course Description:	It is a Web application development platform for designing effective and interactive web applications.
Course Content	**Unit 1 Web designing Fundamentals** **[7 hrs]** 1.1 Overview of Client & Server architecture 1.2 Website Basics - WebPages(static and dynamic) 1.3 Web browser, Web Servers; Web hosting, Web Portal, Domain name server **Unit 2 Basic Web page designing with HTML 5** **[8 hrs]** 2.1 HTML Structure 2.2 Basic HTML Tags – Formatting, Table, Headings 2.3 Other Tags – Ordered Lists, Unordered Lists, Links 2.4 Tables and Frame, Form Tags 2.5 HTML 5- standard and custom attributes, events 2.6 Web Form 2.0, Web storage, Web SQL 2.7 SVG, Canvas, Embedding and Playing Audio & Video

	Unit 3 Cascade Style Sheets **[7 hrs]** 3.1 Introduction to CSS and Its types 3.2 Common Tasks with CSS-styling fonts, margins, links With Background related tags, Border related tags, Font related tags, Margin related tags, Text related tags, Page related tags, List related tags, Colour tag, Layer tag, Size and location related properties. 3.3 Assigning classes **Unit 4 JavaScript** **[8 hrs]** 4.1 Structure of JavaScript 4.2 Data Types and Variables in JavaScript 4.3 Operators : Arithmetic Operator, Assignment Operator, Comparison Operator, Logical Operator, Conditional Operator in JavaScript 4.4 Control Structure : If…Else, While, Do…While, For and Functions in JavaScript 4.5 Handling events in JavaScript-Windows event, Event object
Practical	List of practical will be prepared at the beginning of each semester
Reference Books	1. HTML5 Black Book: Covers CSS3, Javascript, XML, XHTML, Ajax, PHP and Jquery, Dreamtech Press 2. WEB TECHNOLOGIES: HTML, JAVASCRIPT, PHP, JAVA, JSP, ASP.NET, XML AND AJAX, BLACK BOOK: HTML, Javascript, PHP, Java, Jsp, XML and Ajax, Black Book, Dreamtech Press 3. HTML5 and CSS3 made Simple, Ivan Byross, BPB 4. Pro HTML5 and CSS3 Design Patterns, Dionysios Synodinos,Michael Bowers and Victor Sumner, Pearson 5. HTML5 In easy steps, Mike McGrath, McGrawHill 6. Programming in HTML5 with JavaScript and CSS3 Training Guide, Johnson G, PHI 7. JavaScript in easy Steps, Mike McGrath, McGrawHill.

Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences						
Faculty	Science		**Program**	B.Sc. Artificial Intelligence and Data Science		
Year	2025		**Version**	1.0		
Semester	I		**Effective From**	April, 2025		
Course Code	BSCS35104	**Course Name**	Web Designing-I (PR)			
Teaching Scheme				**Examination Scheme**		
Credits	**Lecture (L)**	**Tutorial (T)**	**Practical (P)**	**Continuous Assessments (CCE)**	**Semester end examinations (SEE)**	**Total**
1	-	-	2	13	12	25

Purpose of Course	The purpose of the course is to make students capable of implementing concepts, methods, tools and techniques studied in courses of semester 1.
Course Objective	The objective of these course is to enable students to learn practical implementation of Web Designing
Pre-requisite	As per theory papers of SEC - Database Management Systems-I
Course Out come	After completion of this course, the student will be capable of performing practical application of subject - Web Designing-I
Course Content	The students will be required to carry out practical on Web Designing-I using the methods and tools discussed there in. A Journal must be prepared for the practical work done.
Practical	List of practical will be prepared at the beginning of each semester
Reference Books	As per paper SEC -Web Designing-I