



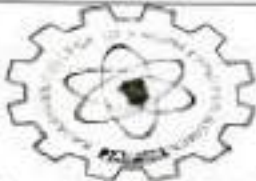
Rajasthan College of Engineering for Women, Jaipur

(Approved by AICTE and Affiliated to RTU, Kota)

Program Specific Outcomes of B.Tech CSE

On completion of the B.Tech (Computer Science & Engineering) degree the students will be able to possess:

S.No	Program Specific Outcome
PSO1	The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, machine learning and networking for efficient design of computer-based systems of varying complexity.
PSO2	The ability to acquaint with the contemporary trends in industrial/research settings and thereby innovate novel solutions to existing problems.
PSO3	The ability to apply standard practices and strategies in real time software project development using open-ended programming environments to deliver a quality product for organization success
PSO4	The ability to design, develop, test, debug, deploy, analyze, troubleshoot, maintain, manage and secure a software.
PSO5	The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.


 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) Sub: Data Structure and Algorithm	Year :II
		Sem :III

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Compare different programming methodologies and define asymptotic notations to analyze performance of algorithms
2.	CO2: Use appropriate data structures like arrays, linked list, stacks and queues to solve real world problems efficiently
3.	CO3: Represent and manipulate data using nonlinear data structures like trees and graphs to design algorithms for various applications.
4.	CO4: 4. Illustrate and compare various techniques for searching and sorting.
5.	CO5: 5. Illustrate various hashing techniques


Signature of Faculty

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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>COURSE FILE (COURSE OUTCOMES)</p> <p>Advanced Engineering Mathematics-I</p>	Year : II
		Sem : III


On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	Under the concept of Random variable, moments, skewness and kurtosis.
2.	Understand the discrete and continuous distribution.
3.	Understand the history of optimization and its classification
4.	Understand the concept classical optimization, KT condition.
5	Understand the concept of linear programming.



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 <p>Rajasthan College of Engineering for Women, Jaipur</p> <p>(Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>COURSE FILE</p> <p>(COURSE OUTCOMES)</p> <p>Subject: DE</p>	Year :II
		Sem :III

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Develop the understanding of number system and its application in digital electronics.
2.	CO 2 : Development and analysis of K-map to solve the Boolean function to the simplest form for the implementation of compact digital circuits.
3.	CO 3: Design various combinational circuits using various metrics
4.	CO 3: Design various sequential circuits using various metrics: switching speed, throughput/latency, gate count and area, energy dissipation and power.


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SOFTWARE ENGINEERING
COURSE FILE
(COURSE OUTCOMES)

Year : II

Sem : III


On completion of this Subject / Course the students will be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Understand the purpose of designing a system and evaluate the various models suitable as per its requirement analysis
2.	CO2: Understand and apply software project management, effort estimation and project scheduling
3.	CO3: Formulate requirement analysis, process behavior and software designing
4.	CO4 : Implement the concept of object oriented analysis modeling with the reference of UML and advance SE tools

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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) OOPs	Year :II
		Sem :III

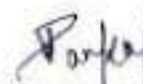
On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Basics of Object Oriented Programming Languages and different programming Paradigm
2.	CO2: To know The Key concepts of OOPs Principles.
3.	CO3: Understand the Principles of Inheritance.
4.	CO4: Key concept Principles of Polymorphism.
5.	CO5: Programming using Exception handling, Template and, File handling.
6.	CO6: Develop programming skill of students to solve basic real world problems using object oriented techniques.



Signature of Head of the Department

Date



Signature of Faculty

Date



Rajasthan College of Engineering
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**COURSE FILE
(COURSE OUTCOMES)
TOC**

Year : II

Sem : IV


On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Discuss key notations of computation, such as algorithm, computability, decidability, reducibility, and complexity, through problem solving. Explain the models of computation, including formal languages, grammars and automata, and their connections.
2.	CO2: An ability to design grammars and automata (recognizers) for different language classes. An ability to identify formal language classes and prove language membership properties.
3.	CO3: Have an overview of how the theoretical study in this course is applicable to and engineering application like designing the compilers.
4.	CO4: Analyze and design finite automata, pushdown automata, Turing machines, Formal languages, and grammars.
5.	CO5: Acquire a fundamental understanding of core concepts relating to the theory of computation and computational and computational models including (but not limited to) decidability and intractability.
6.	CO6: Solve computational problems regarding their computability and complexity and prove the basic results of the theory of computation.

Vincent

Signature of Faculty

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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and affiliated to RTU, Kota)</small>	DBMS (COURSE OUTCOMES)	Year : II
		Sem : IV

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: <i>identify</i> the basic concepts and various data model used in database design ER modelling concepts and architecture-use and <i>design</i> queries using SQL.
2.	CO2: <i>apply</i> relational database theory and be able to <i>describe</i> relational algebra expression, tuple and domain relation expression for queries.
3.	CO3: <i>recognize</i> and <i>identify</i> the use of normalization and functional dependency, indexing and hashing technique used in database design
4.	CO4: <i>recognize</i> and <i>identify</i> the purpose of query processing and optimization and also demonstrate the basic of query evaluation.
5.	CO5: <i>apply</i> and <i>relate</i> the concept of transaction, concurrency control and recovery in database.
6.	CO6: <i>discuss</i> recovery system and be familiar with introduction to web database, distribute databases, data warehousing and mining.


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**COURSE FILE
(COURSE OUTCOMES)
DMS**

Year :II

Sem :IV

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Be able to specify and manipulate basic mathematical objects such as sets, functions, and relations and will also be able to verify simple mathematical properties that these objects possess
2.	CO2: Gain experience in using various techniques of mathematical induction (weak, strong and structural induction) to prove simple mathematical properties of a variety of discrete structures
3.	CO3: • Be able to construct simple mathematical proofs and possess the ability to verify them Have substantial experience to comprehend formal logical arguments
4.	CO4: Be able to apply basic counting techniques to solve combinatorial problems express a given finite cyclic group as the direct product of cyclic groups of prime power order and, given two direct products of cyclic groups, determine whether or not they are isomorphic
5.	CO5: The course outcomes will be mainly measured via in-class exams, home works, Quizzes. In addition, lab assignments to re stress mathematical concept will be used. Define and relate basic notions in graph theory Homework tasks implemented in LMS (Sage, Python)

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**COURSE FILE
(COURSE OUTCOMES)**

META

Year : 2nd

Sem : 4th

✓ On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: To understand the basic concepts of economics.
2.	CO2: To understand the relation between demand and supply and various determinant that affect demand and supply.
3.	CO3: To learn the concepts of production and cost analysis.
4.	CO4: To offer the students relevant, systematic, efficient and actual knowledge of financial management that can be applied in practice with making financial decisions and resolving financial problems.

Manu

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**COURSE FILE
(COURSE OUTCOMES)
Subject : Microprocessor &
Interfaces**

Year : II

Sem : IV

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Describe the Intel 8085 architecture with explanation of internal organization of some popular microprocessors.
2.	CO2: Construction of a maintainable assembly language program for an algorithm.
3.	CO3: Conclude the Intel 8085 real mode memory addressing.
4.	CO4: Designing of microprocessors based systems.

Signature of faculty

Date:

 Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)	COURSE FILE (COURSE OUTCOMES) Operating System	Year : III
		Sem : V


On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Analyze the structure of OS and basic architectural components involved in OS design
2.	CO2: Analyze and design the applications to run in parallel either using process or thread models of different OS
3.	CO3: Analyze the various device and resource management techniques for timesharing and distributed systems
4.	CO4: Understand the Mutual exclusion, Deadlock detection and agreement protocols of Distributed operating system
5.	CO5: Interpret the mechanisms adopted for file sharing in distributed Applications
6.	CO6: Conceptualize the components involved in designing a contemporary OS



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 <p>Rajasthan College of Engineering for Women, Jaipur</p> <p>(Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>COURSE FILE</p> <p>(COURSE OUTCOMES)</p> <p>Subject: Analysis of Algorithms</p>	Year : III
		Sem : V

On completion of this Subject / Course the students will be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Discuss the basic concepts required to study Analysis of Algorithms
2.	CO2: Describe the computational solution to well known problems like searching, sorting etc.
3.	CO3: Ability to understand how the choice of data structures and the algorithm design methods impact the performance of programs.
4.	CO4: Ability to choose appropriate algorithm design techniques for solving problems.
5.	CO5: Devise an algorithm using appropriate design strategies for problem solving.
6.	CO6: Discuss about different problem related to Np, Np-Hard And Np-Complete


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**COURSE FILE
(COURSE OUTCOMES)
SUB.-ITC**

Year : III


Sem : V

On completion of this Subject / Course the students shall be able to :

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Design the channel performance using Information theory.
2.	CO2: Comprehend various error control code properties
3.	CO3: Apply linear block codes for error detection and correction
4.	CO4: Apply convolution codes for performance analysis & cyclic codes for error detection and correction.
5.	CO5: Design BCH & RS codes for Channel performance improvement against burst errors.

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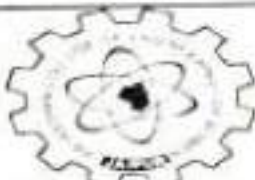
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 Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)	Human Computer Interaction (COURSE OUTCOMES)	Year : III
		Sem : V

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: identify the basic concepts of HCI and elaboration, introduction to different types of models, GOMS family of models.
2.	CO2: apply: Shneiderman's eight, golden rules, Norman's seven principles, Norman's model of interaction.
3.	CO3: Design and evaluation Model-based design case studies.
4.	CO4: modeling and analysis Hierarchical task analysis (HTA), Engineering task models and Concur Task Tree (CTT).
5.	CO5: relate HCT issue, research question motivation formulation techniques.
6.	CO6:discuss HCI and software Engineering, GUI design and Aesthetics,

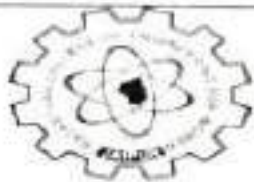

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 Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)	COMPLIER DESIGN COURSE FILE (COURSE OUTCOMES)	Year : III
		Sem : V

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Understand the major phases of compilation and to understand the knowledge of Lex tool & YACC tool.
2.	CO2: Develop the parsers and experiment the knowledge of different parsers design without automated tools
3.	CO3: Construct the intermediate code representations and generation
4.	CO4: Convert source code for a novel language into machine code for a novel computer
5.	CO5: Apply for various optimization techniques for dataflow analysis


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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>COURSE FILE</p> <p>(COURSE OUTCOMES)</p> <p>Subject: Computer Graphics & Multimedia</p>	Year : III
		Sem : V

On completion of this Subject / Course the students will be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Discuss the basic concepts required to study Computer Graphics & Multimedia
2.	CO2: Explain hardware, Graphics software and standards
3.	CO3: Infer the representation of curves, surfaces, circles and ellipses
4.	CO4: Design and implementation of algorithms for 2D graphics Primitives and attributes.
5.	CO5: Demonstrate Geometric transformations, viewing of 3D objects.
6.	CO6: Study about different Illumination and Color Models
7.	CO7: Recognize how a visual Animation image can be an effective means of communication


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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>ISS</p> <p>COURSE FILE (COURSE OUTCOMES)</p>	Year : III
		Sem : VI

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Illustrate the basic concepts of Network Security, Mechanism and attacks.
2.	CO2: Compare Various Symmetric and Asymmetric Cryptographic methods used for Network Security.
3.	CO3: Summarize different Authentication Techniques & Describe various Public cryptosystems.
4	CO4: Implement IP Security Architecture & Transport Layer Security to identify the vulnerability of the Internet systems and recognize the mechanisms of the attacks, and apply them to design and evaluate counter-measure tools
5.	CO5: Classify various Algorithms to be used at various TCP/IP Layers & to operate Digital Signature in Real World Situation
6.	CO6: Glimpse about key management and distribution.

Sanjay

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**AI
COURSE FILE
(COURSE OUTCOMES)**

Year: III

Sem: VI

On completion of this Subject / Course the students shall be able to:

Synod.	Course Outcomes of the Subject/Course
1.	CO1: Introduction to AI and Intelligent agent
2.	CO2: Game Playing
3.	CO3: Knowledge and Reasoning
4.	CO4: Learning
5.	CO5: Introduction to Natural Language Processing

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DIP
COURSE FILE
(COURSE OUTCOMES)

Year : III

Sem : VI

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: To study the image fundamentals and mathematical transforms necessary for image processing.
2.	CO2: To study the image enhancement techniques
3.	CO3: To study image restoration procedures.
4.	CO4: To study the image compression procedures
5.	CO5: Interpret image segmentation and representation techniques.

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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to R.U.) K-54</p>	MACHINE LEARNING COURSE FILE (COURSE OUTCOMES)	Year : III
		Sem : VI

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: To understand the basic concepts and techniques of Machine Learning
2.	CO2: To develop skills of using recent machine learning software for solving practical Problems. To understand regression, decision tree
3.	CO3: To gain experience of doing independent study and research. p-f growth and Gaussian model .Understand the supervised and unsupervised Learning.
4.	CO4 Evaluating machine learning algorithm and model selection, to gain experience of component analysis.
5.	CO5: To understand policy and value iteration, model based reinforcement learning. To work in multilayer network and getting knowledge of deep learning

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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) Subject: Computer Architecture and Organization	Year : III
		Sem : VI

On completion of this Subject / Course the students will be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Discuss the basics concepts required to study computer architecture and organization
2.	CO2: Study about computer data representation including micro-operations and computer instructions, instruction cycle and design of accumulator.
3.	CO3: Study about the programming of basic computer including subroutine, Address sequencing, microcode & micro-program.
4.	CO4: Study about the CPU(Central Processing Unit) including various pipelines (RISC & CISC) and vector processing.
5.	CO5: Study about computer arithmetic & DMA.
6.	CO6: Study about the principles of memory organization including inter-process arbitration.

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**E COMMERCE
COURSE FILE
(COURSE OUTCOMES)**

Year : III


Sem : VI

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Define E-Commerce and Differentiate Various Type Of E-Commerce.
2.	CO2: Understand The Concept Of Internet –The Backbone For E-Commerce.
3.	CO3: Understand Internet Service Provider , World Wide Web and Online Publishing.
4.	CO4: Understand extensible Markup Language , Data Warehousing and E-Marketing.

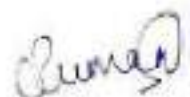
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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) Subject: Cloud Computing	Year : III
		Sem : VI


On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Basics of cloud computing
2.	CO2: Key concepts of virtualization
3.	CO3: Different Cloud Computing services
4.	CO4: 4. Cloud Implementation, Programming and Mobile cloud computing
5.	CO5: 5. Cloud Backup and solutions



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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) Sub: Cloud Computing	Year :IV
		Sem :VII


On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Basics of cloud computing
2.	CO2: Key concepts of virtualization
3.	CO3: Different Cloud Computing services
4.	CO4: 4. Cloud Implementation, Programming and Mobile cloud computing
5.	CO5: 5. Cloud Backup and solutions



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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	ISS COURSE FILE (COURSE OUTCOMES)	Year : IV
		Sem : VII

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Illustrate the basic concepts of Network Security, Mechanism and attacks.
2.	CO2: Compare Various Symmetric and Asymmetric Cryptographic methods used for Network Security.
3.	CO3: Summarize different Authentication Techniques & Describe various Public cryptosystems.
4.	CO4: Implement IP Security Architecture & Transport Layer Security to identify the vulnerability of the Internet systems and recognize the mechanisms of the attacks, and apply them to design and evaluate counter-measure tools
5.	CO5: Classify various Algorithms to be used at various TCP/IP Layers & to operate Digital Signature in Real World Situation
6.	CO6: Glimpse about key management and distribution.


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**COURSE FILE
(COURSE OUTCOMES)
ADBMS**

Year : IV


Sem : VII

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: <i>identify</i> the basic concepts of Structured Data Types, Operations On Structured Data, Encapsulation and ADT's, Inheritance, Objects.
2.	CO2: <i>apply</i> relational database theory and be able to <i>describe</i> relational algebra expression, Translating SQL, Query processing and optimizations, System Architectures.
3.	CO3: <i>recognize</i> and <i>identify</i> the Introduction to Database Security, Access Control, Discretionary Access Control- Grant and Revoke on Views and Integrity Constraints, Mandatory Access Control- Multilevel Relations.
4.	CO4: <i>recognize/ identify</i> the purpose of query processing and optimization and also demonstrate the basic of query evaluation.
5.	CO5: <i>apply</i> and <i>relate</i> the concept of Architectures for Parallel, Databases, Parallel Query Evaluation, Parallelizing Individual Operations, Parallel Query Optimization, Distributed DBMS Architectures.
6.	CO6: <i>discuss</i> recovery system and be familiar with introduction to web database, distribute databases, data warehousing and mining.


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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)</p>	<p align="center">COURSE FILE (COURSE OUTCOMES) SUB.- Computer Aided Design For VLSI</p>	Year : IV
		Sem : VII

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Students are able to know how to place the blocks and how to partition the blocks while designing the layout for IC.
2.	CO2: Students are able to solve the performance issues in circuit layout
3.	CO3: Students are able to analyze physical design problems and employ appropriate automation algorithms for partitioning, floor planning, placement and routing
4.	CO4: Students are able to decompose large mapping problem into pieces, including logic optimization with partitioning, placement and routing
5.	CO5: Students are able to analyze circuits using both analytical and CAD tools.


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**COURSE FILE
(COURSE OUTCOMES)
DMDW**

Year : IV

Sem : VII

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Understand the functionality of the various data mining and data warehousing component
2.	CO2: Appreciate the strengths and limitations of various data mining and data warehousing models
3.	CO3: Explain the analyzing techniques of various data
4.	CO4: Describe different methodologies used in data mining and data ware housing.
5.	CO5: Compare different approaches of data warehousing and data mining with various technologies.

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**COMPILER
CONSTRUCTION**


**COURSE FILE
(COURSE OUTCOMES)**

Year : IV

Sem : VII

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Define the phases of a typical compiler, including the front- and backend and to Identify tokens of a typical high-level programming language; define regular expressions for tokens and design; implement a lexical analyzer using a typical scanner generator
2.	CO2: Explain the role of a parser in a compiler and relate the yield of a parse tree to a grammar derivation; design and implement a parser using a typical parser generator. Apply an algorithm for a top-down or a bottom-up parser construction; construct a parser for a small context-free grammar.
3.	CO3: Explain the role of a semantic analyzer and type checking; create a syntax-directed definition and an annotated parse tree; describe the purpose of a syntax tree
4.	CO4: Explain the role of different types of runtime environments and memory organization for implementation of typical programming languages.
5.	CO5: Describe the purpose of translating to intermediate code in the compilation process.
6.	CO6: Design and implement an intermediate code generator based on given code patterns.

 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	DISTRIBUTED SYSTEM (COURSE OUTCOMES)	Year : IV
		Sem : VIII


On completion of this Subject / Course the students shall be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: To study the concepts and models of DS.
2.	CO2: To study the processes and threads in DS.
3.	CO3: To study the file system and case studies.
4.	CO4: To study the details of memory and processors.
5.	CO5: To study about distributed agreement and replicated data management.
6.	CO6: Discuss failure and recovery . Database Techniques



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 Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)	INTERNET OF THINGS COURSE FILE (COURSE OUTCOMES)	Year : IV
		Sem : VII

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Introduction and description of core concepts of IoT, role and scope of smart sensors for insuring convergence of Technologies.
2.	CO2: Able to demonstrate various sensor interfacing using Visual Programming Language.
3.	CO3: Data and Knowledge Management and use of Devices in IoT Technology
4.	CO4: Able to analyze various Physical Computing Techniques.
5.	CO5: Able to design and develop Application which can interact with Sensors and Actuators.



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 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) EE&DM	Year :IV
		Sem :VII

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Students will be able to know about Objective, scope and outcome of the course.
2.	CO2: Students will be able to know about Importance of safe water supply system and Sources of Water supply.
3.	CO3: Students will be able to know about Drinking water quality, Introduction to water treatment and Importance of sanitation.
4.	CO4: Students will be able to know about Domestic waste water and Sewer.
5.	CO5: Students will be able to Solid waste, BIS standards for pollutants in air and Importance of disaster management.




Signature of Faculty


Date


 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) Subject-RTS	Year : IV
		Sem : VIII

On completion of this Subject / Course the students shall be able to :

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Enumerate the need and the challenges in the design of hard and soft real time systems
2.	CO2: Compare different scheduling algorithms and the schedulability criteria.
3.	CO3: Analyze and construct periodic task scheduling using flexible computation techniques
4.	CO4: Compare and contrast various protocols for assigning jobs to processor
5.	CO5: Integrate resource access mechanisms with the scheduling techniques and develop integrated schedulability criteria.


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Date


Signature of Faculty
Date

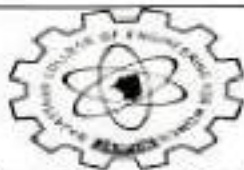
 Rajasthan College of Engineering for Women, Jaipur <small>(Approved by AICTE and Affiliated to RTU, Kota)</small>	COURSE FILE (COURSE OUTCOMES) <i>PIV</i>	Year : IV
		Sem : VIII

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: To study the image fundamentals and mathematical transforms necessary for image processing.
2.	CO2: To study the image enhancement techniques
3.	CO3: To study image restoration procedures.
4.	CO4: To study the image compression procedures
5.	CO5: Interpret image segmentation and representation techniques.


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**MOBILE COMPUTING
COURSE FILE
(COURSE OUTCOMES)**

Year :IV

Sem :VIII

On completion of this Subject / Course the students shall be able to:

1. To identify the characteristics and limitations of mobile hardware devices including their user-interface modalities.
2. To develop applications that are mobile-device specific and demonstrate current practice in mobile computing contexts.
3. To comprehend and appreciate the design and development of context-aware solutions for mobile devices.
4. To identify professional and ethical issues, in particular those relating to security and privacy of user data and user behavior.

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**ELECTRONIC DEVICE AND
CIRCUITS**

**COURSE FILE
(COURSE OUTCOMES)**

Year :II

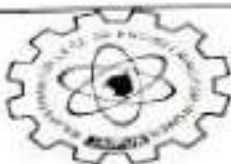
Sem : III

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Design and analyze feedback amplifier
2.	CO2: Compare the generation of LC and RC oscillator.
3.	CO3: Analyze the performance of tuned amplifiers
4.	CO4: Categorize about multivibrators and warehousing circuits.
5.	CO5: Relate the circuits of blocking oscillators and time basic generators.

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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>LINUX AND SHELL PROGRAMMING</p> <p>COURSE FILE (COURSE OUTCOMES)</p>	Year : II
		Sem : III

On completion of this Subject / Course the students shall be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: To use mathematical methodologies to crack problem using suitable mathematical analysis, data structure and suitable algorithm 3 Projects PSO3:
2.	CO2: The ability to interpret the fundamental concepts and methodology of computer systems. Students can understand the functionality of hardware and software aspects of computer systems.
3.	CO3: The ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process.
4.	CO4: Familiarity and practical proficiency with a broad area of programming concepts and provide new ideas and innovations towards research



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PRINCIPLE OF COMMUNICATION

COURSE FILE

(COURSE OUTCOMES)

Year : II

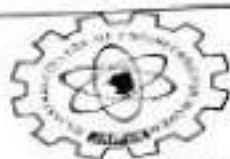
Sem : IV

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Describe the fundamental concepts of communication systems
2.	CO2: Compare analog modulation schemes
3.	CO3: Explain digital modulation schemes.
4.	CO4: Classify standard base band data transmission techniques.
5.	CO5: Paraphrase the spread spectrum techniques and multiple access techniques

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PRINCIPLE OF PROGRAMMING

COURSE FILE
(COURSE OUTCOMES)

Year : II

Sem : IV

On completion of this Subject / Course the students shall be able to :

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Able to define web development strategies.
2.	CO2: Able to Demonstrate web page designing.
3.	CO3: Able to apply the web Development knowledge.
4.	CO4: Able to classify the server-side programming languages and illustrate database connectivity.
5.	CO5: Test the knowledge of web development with PHP.
6.	CO6: To create a web development project/Application.

Deepak

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**STATISTICS AND PROBABILITY
THEORY**

**COURSE FILE
(COURSE OUTCOMES)**

Year : II

Sem : IV


On completion of this Subject / Course the students shall be able to:

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Find the probability of the given data in every decision making process and analysis the given data on applying Bayes' theorem
2.	CO2: Construct probabilistic models for observed phenomena through certain discrete Distributions.
3.	CO3: Construct probabilistic models for observed phenomena through certain continuous distributions which play an important role in many engineering applications
4.	CO4: Analyze sample data and interpret the same for population.
5.	CO5: Correlate two variables and fit the curves for prediction using data.
6.	CO6: Formulate a linear regression model and exponential model for given data.

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 <p>Rajasthan College of Engineering for Women, Jaipur (Approved by AICTE and Affiliated to RTU, Kota)</p>	<p>Digital Logic Design COURSE FILE (COURSE OUTCOMES)</p>	Year :III
		Sem : V

On completion of this Subject / Course the students shall be able to:

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Simplify Boolean expressions and implement optimal Logic circuits
2.	CO2: Design and implement combinational and sequential digital systems
3.	CO3: Design and implement synchronous digital systems using state machines
4.	CO4: Modeling the digital circuits using HDL


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**TELECOMMUNICATION
FUNDAMENTALS**

**COURSE FILE
(COURSE OUTCOMES)**

Year : III

Sem : V

On completion of this Subject / Course the students shall be able to :

S. No.	Course Outcomes of the Subject/Course
1.	CO1: Describe the basics of communication systems.
2.	CO2: Analyze the importance of modulation and multiple access schemes for communication systems.
3.	CO3: Compare different telecommunication generations, wired and wireless communication.
4.	CO4: Justify the use of different components and sub-system in advanced communication systems.


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DIGITAL SIGNAL PROCESSING

**COURSE FILE
(COURSE OUTCOMES)**

Year : III

Sem : V

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Design the various type of continuous signal and discrete signal.
2.	CO2: Demonstrate their abilities towards DSP processor based implementation of SP system.
3.	CO3: Calculate and analyze the continuous and discrete signals using FFT algorithms.
4.	CO4: Analyze finite word length effect on DSP systems.
5.	CO5: Implement adaptive filters for various applications of DSP.



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EMBEDDED SYSTEM DESIGN

**COURSE FILE
(COURSE OUTCOMES)**

Year : III

Sem : VI

On completion of this Subject / Course the students shall be able to :

S.No.	Course Outcomes of the Subject/Course
1.	CO1: Describe the embedded system process with design example justify the programming of ARM Processor.
2.	CO2: Justify the program level performance analysis with program validation and testing.
3.	CO3: Illustrate the multiple task and MultiMate systems. Justify the inter Process communication.
4.	CO4: Monitor the real time operating systems and the methods of evaluating operating system performance
5.	CO5: Carry out the program validation and testing
6.	CO6: Infer the requirement analysis and system analysis of distributed embedded systems.

Dankey
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