



Shiv Chhatrapati Shikshan Sanstha's

**Rajarshi Shahu Mahavidyalaya, Latur(Autonomous)**

**Department of Computer Science**

**Teaching Plan (Semester-I, III, V)**

**Academic Year (2025 – 2026)**



### 1.Details of class to be taught

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1	M.Sc. (CS) SY Sem-III	Laturiya Pooja S.	Computer Science	Digital Image Processing	45 (03 Credits)

### 2.Summary of lesson plan

Sr. No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
1	Unit 1: Introduction to Image Processing and M Function Programming	10	26.06.2025 to 14.07.2025	Implementation of operations on images using Matlab	CAT - I
2	Unit II: Intensity Transformations and Filtering	12	15.07.2025 to 06.08.2025		
3	Unit III: Image Restoration and Color Image Processing	10	25.08.2025 to 10.09.2025	Implementation of Restoration, Enhancement using Matlab	Mid Term Examination
4	Unit IV: Morphological Image Processing and Image Segmentation	13	15.09.2025 to 08.10.2025	Implementation of Morphological Property using Matlab	CAT - II

Date:26.06.2025

  
Teacher

**Laturiya Pooja S.**

  
Head

**Dept. of Computer Science**  
Rajarshi Shahu Mahavidyalaya, Latur

  
Principal  
**PRINCIPAL**  
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**1.Details of class to be taught**

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1	B.Sc. SY	Laturiya Pooja S.	Computer Science	Operating System	45 (03 Credits)

**2.Summary of lesson plan**

Sr. No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
1	Unit I: Introduction to Operating System	10	26.06.2025 to 12.07.2025	Quiz	CAT-I
2	Unit II: Process Management	10	17.07.2025 to 07.08.2025	Problems on Scheduling Algorithm	Mid-term Examination
3	Unit III: Memory and Input/Output Management	15	08.08.2025 to 18.09.2025		
4	Unit IV: File System	10	19.09.2025 to 10.10.2025	Implementation of OS commands on Linux Operating System	CAT-II

**Date:26.06.2025**

**Teacher**

**Laturiya Pooja**

**HoD  
Head**  
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**1.Details of class to be taught**

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1	B.Voc. (CT) SY Sem-III	Laturiya Pooja S.	Computer Technology	Business Communication	30 (02 Credits)

**2.Summary of lesson plan**

Sr. No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic Activities to be Organized	No. of Test/ Assignment
1	Unit 1: Introduction to Business Communication	08	26.06.2025 to 14.07.2025	Quiz	CAT - I
2	Unit II: Forms of Communication	08	15.07.2025 to 29.07.2025	Extempore Round	
3	Unit III: Business Correspondence	08	30.07.2025 to 26.08.2025	Resume Writing	Mid Term Examination
4	Unit IV: Basic Understanding of Legal Deeds and Documents	06	02.09.2025 to 23.09.2025		
5	Revision	06	24.09.2025 to 08.10.2025		CAT - II

**Date: 26.06.2025**

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**Teaching Plan**  
Academic Year (December 2025 - March 2026)



**Name of the Teacher:** Ms. Latoriya Pooja S.


**1. Details of Classes to be taught**

Sr. No.	Class	Course Title	Course Type	Course Code	Course Credits	Total Lectures
1	B.Sc. (DS) FY	Linear Algebra	DSC	---	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit & Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be organized	No. of Tests/ Assignments with topic and date
1	Unit I: Vector Spaces and Subspaces	12	01.12.2025 to 24.12.2025	Geometric Visualization Activities	
2	Unit II: Linear Transformations and Matrix Representations	10	29.12.2025 to 20.01.2026	Card-based matrix operations	CAT I Assignment
3	Unit III: Eigenvalues, Eigenvectors, and Spectral Techniques	13	21.01.2026 to 23.02.2026		CAT II Assignment
4	Unit IV: Matrix Factorizations and Applications in Data Science	10	24.02.2026 to 31.03.2026	Problems asked in SET Examination	CAT III Mid Term MCQs Test

**Date:** 18.11.2025

  
**Ms. Latoriya Pooja S.**  
Name & Signature  
of Teacher

  
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**Academic Year (December 2025 - March 2026)**

**Name of the Teacher:** Ms. Latoriya Pooja S.

**1. Details of Classes to be taught**

Sr. No.	Class	Course Title	Course Type	Course Code	Course Credits	Total Lectures
1	B.Sc. SY	Computer Networks	DSC	201COS4101	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit & Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be organized	No. of Tests/ Assignments with topic and date
1	Unit I: Introduction to Computer Networks	12	01.12.2025 to 29.12.2025	Live Demonstrations (Using Simulation Tools)	
2	Unit II: The Data Link Layer and Network Layer	12	30.12.2025 to 27.01.2026	Concept Mapping (Mind Maps)	CAT I Assignment
3	Unit III: Transport Layer and Application Layer	10	28.01.2026 to 23.02.2026		CAT II Assignment
4	Unit IV: Wireless Networking and Emerging Trends in Networking	11	25.02.2026 to 25.03.2026	Case Study Discussions	CAT III Mid Term MCQs Test
5	Revision	02	30.03.2026 to 31.03.2026		

**Date:** 18.11.2025

**Ms. Latoriya Pooja S**  
**Name & Signature**  
**of Teacher**

**Pooja S**  
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**Academic Year (December 2025 - March 2026)**

**Name of the Teacher:** Ms. Latoriya Pooja S.

**1. Details of Classes to be taught**

Sr. No.	Class	Course Title	Course Type	Course Code	Course Credits	Total Lectures
1	B.Voc. (CT)SY	Aptitude & Logical Reasoning	Management	101COT4109	02	30

**2. Summary of Lesson Plan**

Sr. No.	Unit & Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be organized	No. of Tests/ Assignments with topic and date
1	Unit I: Numerical Abilities/ Quantitative Aptitude I	08	01.12.2025 to 24.12.2025		
2	Unit II: Numerical Abilities/ Quantitative Aptitude II	08	29.12.2025 to 21.01.2026	Shortcuts for: Fast percentage methods, Ratio cross multiplication tricks	CAT I Assignment
3	Unit III: Logical Reasoning I	06	27.01.2026 to 17.02.2026	Brain Storming Verbal Reasoning	CAT II Assignment
4	Unit IV: : Logical Reasoning II	08	18.02.2026 to 17.03.2026	Logical Puzzles	CAT III Mid Term MCQs Test
5	Revision	06	18.03.2026 to 31.03.2026	Aptitude Test Simulation	

**Date:** 18.11.2025

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Academic Year (December 2025 - March 2026)



Name of the Teacher: Ms. Latoriya Pooja S.

**1. Details of Classes to be taught**

Sr. No.	Class	Course Title	Course Type	Course Code	Course Credits	Total Lectures
1	B.Voc. (CT) TY	Cyber Security	General Education	U-CYS-760	04	60

**2. Summary of Lesson Plan**

Sr. No.	Unit & Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be organized	No. of Tests/ Assignments with topic and date
1	Unit I: Introduction to Cyber Security and Basic Terminology	15	01.12.2025 to 25.12.2025	Cyber Attack Case Study Discussion	
2	Unit II: Cyber Security, Web Browser Security and Firewall	15	27.12.2025 to 20.01.2026		CAT I Assignment
3	Unit III: Security and Malwares	15	22.01.2026 to 17.02.2026	Threat Identification Activity	CAT II Assignment
4	Unit IV: Ethical Hacking and Cyber Laws	15	21.02.2026 to 24.03.2026	Password Cracking Demonstration (Theoretically)	Mid Term MCQs Test
5	Revision	04	26.03.2026 to 31.03.2026		

Date: 18.11.2025

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Name of the Teacher: Latoriya Pooja S.

**1. Details of Classes to be taught**

Sr. No.	Class	Course Title	Course Type	Course Code	Course Credits	Total Lectures
1	M.Sc. (CS) SY	Advance Java Programming	MMC-XI	602COS4104	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit & Chapter to be Covered	Expected No. of Lectures	Date	Academic Activities to be organized	No. of Tests/ Assignments with topic and date
1	Unit I: Introduction and Object-Oriented Programming	13	01.12.2025 to 29.12.2025	Concept Demonstration with Mini Snippets	
2	Unit II: Extending Classes Inheritance and Packages	07	30.12.2025 to 13.01.2026		CAT I Assignment
3	Unit III: Introduction and Object-Oriented Programming	12	19.01.2026 to 16.02.2026	Case Study and Algorithm Translation	CAT II Assignment
4	Unit IV: Event Handling, JDBC and Servlets	13	17.02.2026 to 31.03.2026		CAT III Mid Term MCQs Test

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