Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya, (Autonomous), Latur

Department of Computer Science

Teaching Plan (Semester-I/III/V)

(June -2023 to October-2023)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	B Sc TY	Computer Science	Relational Database Management System – IX U-COS-541	45

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 with topic and date
1	UNIT I: Introduction to Database and Elements of DBMS	10	26 Jun 2023 To 18 Jul 2023	Presentation On Database Certification	--
2	UNIT II: Data Models and Relational Algebra and Calculus	13	19 Jul 2023 To 21 Aug 2023	Assignment to Create an ER Diagram	Activity Based Unit Test-I
3	UNIT III: Relational Database Design and SQL	12	22 Aug 2023 To 18 Sept 2023	--	--
4	UNIT IV: Use of Operators and Advance in SQL	10	19 Sept 2023 To 11 Oct 2023	--	Unit Test II

Date: 26 Jun 2023

Arun S Shinde

Name of the Teacher and Signature

Head of Department

Head
Dept. of Computer Science
Rajarshi Shahu Mahavidyalaya, Latur

Principal

PRINCIPAL
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(Autonomous)

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Department of Computer Science

Teaching Plan (Semester-I/III/V)

(June -2023 to October-2023)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	M SC CS SY	Computer Science	Linux Administration P-LIA-329	60

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 with topic and date
1	UNIT I Introduction to Linux and Linux Files and Directories	15	26 Jun 2023 To 20 Jul 2023	Seminar on Linux Flavors	--
2	UNIT II Managing Users and File system	15	21 Jul 2023 To 17 Aug 2023	--	Activity Based Unit Test-I
3	UNIT III Backing Up, Recovery and Printing with Linux	15	18 Aug 2023 To 12 Sept 2023	Seminar 14 Sept 2023 To 15 Sept 2023	--
4	UNIT IV Network Connectivity and Managing DNS	15	14 Sept 2023 To 10 Oct 2023	Seminar 12 Oct 2023 To 13 Oct 2023	Unit Test II

Date: 26 Jun 2023

Arun S Shinde

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Department of Computer Science

Teaching Plan (Semester-I/III/V)

(July -2023 to November-2023)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	B. Sc. FY	Computer Science	Basics of Computer System 101COS1101	45

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 with topic and date
1	UNIT I: Introduction to Computers and Data Representation	12	10 Jul 2023 To 02 Aug 2023	Computer Generation Presentation	--
2	UNIT II: Input / Output Devices and Memory	10	07 Aug 2023 To 04 Sept 2023	All Hardware Components of PC- Display	Activity Based Unit Test-I
3	UNIT III: Computer Software and Introduction to OOPs	13	05 Sept 2023 To 16 Oct 2023	Presentation on Types of Software Development Techniques (POP, OOP) With Practical	--
4	UNIT IV: Computer Networks and Introduction to Internet	10	17 Oct 2023 To 08 Nov 2023	Presentation On Different Networking Devices	Unit Test II

Date: 10 Jul 2023

Arun S Shinde

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Department of Computer Science

Teaching Plan (Semester-I/III/V)

(July -2023 to October-2023)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	B. Voc. CT FY	Computer Technology	Introduction to IT U-IIT-208	60

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 with topic and date
1	Unit 1: Introduction to Computers	15	10 Jul 2023 To 04 Aug 2023	Computer Generation Presentation	--
2	Unit II: Basic Computer Organization	15	05 Aug 2023 To 31 Aug 2023	All Hardware Components of PC- Display	Activity Based Unit Test-I
3	Unit III Storage Fundamentals	15	01 Sept 2023 To 07 Oct 2023	Presentation on Types of Software Development Techniques (POP, OOP) With Practical	--
4	Unit IV Computer Arithmetic and Basics of Internet	15	11 Oct 2023 To 04 Nov 2023	Presentation On Different Networking Devices	Unit Test II

Date: 10 Jul 2023

Arun S Shinde

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Department of Computer Science

Teaching Plan (Semester-II/IV/VI)

(Dec -2023 to Mar-2024)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	B Sc TY VI Sem	Computer Science	Introduction to Python Programming –XII U-COS-642	45

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 with topic and date
1	Unit I: Getting Started	15	07 Dec 2023 To 06 Jan 2024	Seminar on International Certification in Python	--
2	Unit II: Sequence: String, List, Tuples and Error, exceptions	8	12 Jan 2024 To 08 Feb 2024	Seminar on Use of Python on Data Science	Activity Based Unit Test-I
3	Unit III: Functions, Class and OOPs	13	09 Feb 2024 To 15 Mar 2024	Seminar on use of Python in IoT	--
4	Unit IV: Graphical Interfaces	6	16 Mar 2024 To 29 Mar 2024	Guest Lecture on ML & DL in line with Python	Unit Test II

Date: 06 Dec 2023

Arun S Shinde

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Department of Computer Science

Teaching Plan (Semester-II/IV/VI)

(Dec -2023 to Mar-2024)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	B. Sc. FY II Sem	Computer Science	Introduction to Python Programming 101COS2105	45

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 with topic and date
1	UNIT I: Getting Started	11	07 Dec 2023 To 29 Dec 2023	Seminar on International Certification in Python	--
2	UNIT II: Sequence: String, List, Tuples and Error, exception	12	30 Dec 2024 To 27 Jan 2024	Seminar on Use of Python on Data Science	Activity Based Unit Test-I
3	UNIT III: Functions, Class and OOPs	12	08 Feb 2024 To 02 Mar 2024		--
4	UNIT IV: Graphical Interfaces	10	29 Feb 2024 To 02 Apr 2024		Unit Test II

Date: 06 Dec 2023

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Teaching Plan (Semester-II/IV/VI)

(Dec -2023 to Mar-2024)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	M SC CS FY II Sem	Computer Science	Advanced DBMS	45

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 with topic and date
1	Unit I: Relational Databases	10	11 Dec 2023 To 01 Jan 2024	Seminar on International Certification in Database	--
2	Unit II: Query Processing and Optimization	10	03 Jan 2024 To 24 Jan 2024	Seminar on Use of SQL for Data Science	Activity Based Unit Test-I
3	Unit III: Transaction Management and Concurrency Control	15	29 Jan 2024 To 28 Feb 2024		--
4	Unit IV: System Architecture	10	04 Mar 2024 To 02 Apr 2024		Unit Test II

Date: 06 Dec 2023

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Teaching Plan (Semester-II/IV/VI)

(Dec -2023 to Mar-2024)

Name of the Teacher: Mr. Arun S Shinde

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

Sr. No.	Class	Subject	Course code and title	Total Lectures
1	M SC CS FY II Sem	Computer Science	Internet of Things	45

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 with topic and date
1	Introduction Internet of Things	10	12 Dec 2023 To 02 Jan 2024	Seminar on Need of Python in IoT	--
2	Domain Specific IoTs and IoT vs M2M	15	05 Jan 2024 To 13 Feb 2024	Demonstration of Raspberry Kit	Activity Based Unit Test-I
3	IoT Design Methodology	10	16 Feb 2024 To 15 Mar 2024		--
4	Developing IoT Solutions.	10	16 Mar 2024 To 06 Apr 2024	Demonstration on Various Electronics Components for IoT	Unit Test II

Date 06 Dec 2023

Arun S Shinde

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