

**Rajarsinh Shahu Mahavidyalaya (Autonomous), Latur****Department of Information Technology****Structured Work Plan for Teaching****Academic Year 2022-23****(20.6.2022 TO 15.10.2022)****1. Details of Classes to be taught**

Sr. No.	Class	Name of Asst. Prof.	Course Title	Course Code	Practical course code	Teaching hours
1	B.Sc.C.S. TY (V Sem)	Prof. Jyoti V. Mashalkar	Digital Image Processing	U-DIP-602	U-LAC-608	TH-55 PR-15
2	B.Sc.C.S. SY (III Sem) Div A		OOP using C++	U-OOP-382	U-LAC-386	TH-60 PR-15
3	B.Sc.C.S. SY (III Sem) Div B		OOP using C++	U-OOP-382	U-LAC-386	TH-60 PR-15

**2. Summary of Lesson Plan****Name of Teacher:** Prof. Jyoti V. Mashalkar**Class:** B.Sc.C.S. TY (V Sem)**(20.6.2022 TO 15.10.2022)**

Sr. No.	Course Title/ Course Code	Unit and Chapter to be covered	Date From	Date To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	Digital Image Processing  (U-DIP-602)	<b>UNIT-I</b> Introduction to DIP	20/6/2022	27/7/2022	15	Guidance on career opportunities and resume writing, online certification courses, internship	Class test (Unit I)
2		<b>Unit-II</b> Digital image Representation using Matlab	28/7/2022	25/8/2022	15	Guidance on PG entrance exams and research paper writing	Program assignment (Unit II)

3		<b>Unit-III</b> Intensity transformation using Matlab	26/8/2022	18/9/2022	13	Guidance on campus interview rounds	Program assignment (Unit III)
4		<b>Unit-IV</b> Frequency Domain Processing and Histogram Processing	21/9/2022	15/10/2022	12	-Group discussion on technical round of interview -Revision of syllabus	Program assignment (Unit IV)

**Name of Teacher:** Prof. Jyoti V. Mashalkar

**Class:** B.Sc.C.S. SY (III Sem) Div A

**(20.6.2022 TO 15.10.2022)**

Sr. No.	Course Title/ Course Code	Unit and Chapter to be covered	Date From	Date To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	Object Oriented Programming using C++ (U-OOP-382)	<b>Unit-I</b> Introduction to Object Oriented Programming	20/6/2022	28/7/2022	17	Career guidance	Program assignment (Unit I)
2		<b>Unit-II</b> Class, Functions and Constructors	29/7/2022	25/08/2022	18	Guidance on online certification courses and its registration	Program assignment (Unit II)
3		<b>Unit-III</b> Inheritance and Overloading	26/8 /2022	18/9/2022	15	-Guidance on Research paper writing -INSA Summer Research Fellowship	Program assignment (Unit III)
4		<b>Unit-IV</b> Polymorphism and file operations	20/9/2022	15/10/2022	10	-Group discussion on PG entrance exams -Revision of syllabus	Program assignment (Unit IV)

Name of Teacher: Prof. Jyoti V. Mashalkar

Class: B.Sc.C.S. SY (III Sem) Div B

( 20.6.2022 TO 15.10.2022)

Sr. No.	Course Title/ Course Code	Unit and Chapter to be covered	Date From	Date To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	Object Oriented Programming using C++ (U-OOP-382)	<b>Unit-I</b> Introduction to Object Oriented Programming	20/6/2022	27/7/2022	18	Career guidance	Program assignment (Unit I)
2		<b>Unit-II</b> Class, Functions and Constructors	28/7/2022	26/8/2022	17	Guidance on Online certification courses and its registration	Program assignment (Unit II)
3		<b>Unit-III</b> Inheritance and Overloading	27/8 /2022	20/9/2022	14	-Guidance on Research paper writing -INSA Summer Research Fellowship	Program assignment (Unit III)
4		<b>Unit-IV</b> Polymorphism and file operations	21/9/2022	15/10/2022	11	Group discussion on PG entrance exams	Program assignment . (Unit IV)

  
Course Teacher

  
Co-ordinator  
**Co-Ordinator**  
Information Technology  
R.S.M.(Autonomous), Latur

  
Co-ordinator  
**Co-Ordinator**  
Information Technology  
R.S.M.(Autonomous), Latur

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





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

**Department of Information Technology**

**Structured Work Plan for Teaching**

**Academic Year 2022-23**

**(8.12.2022 to 29.3.2023)**

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

Class	Name of Teacher	Course Title	Course Code	Lab Course and Code	Total Teaching Hours
B.Sc. C.S. T.Y. (VI Sem)	Ms. Jyoti V. Mashalkar	Principles of Compiler Design	U-PCD-702	Lab. Course - XXIII (U-LAC-708)	Th-53 PR-15

**2. Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Date From	Date To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	UNIT - I Programming Languages and Compilers	8.12.2022	31.12.2022	15	Group discussion	Open book test
2	Unit - II Lexical Analysis	2.01.2023	20.01.2023	13	Seminar	Surprise test
3	Unit - III Basic Parsing Techniques and Syntax Directed Translation	21.01.2023	15.02.2023	13	Group discussion	Class test
4	Unit - IV Symbol Tables, Errors and Code Optimization	16.02.23	29.3.2023	12	Seminar	Revision and Class test

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Head

Dept. of Information Technology  
R.S.M.(Autonomous), Latur

Principal

**PRINCIPAL**

Rajarshi Shahu Mahavidyalaya, Latur  
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**Department of Information Technology**

**Structured Work Plan for Teaching**

**Academic Year 2022-2023**

**(8.12.2022 to 29.3.2023)**

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

Class	Name of Teacher	Course Title	Course Code	Lab Course and Code	Total Teaching Hours
B.Sc. C.S. S.Y. (IV Sem)	Ms. Jyoti V. Mashalkar	C#.Net	U-CNT-483	Lab. Course - XV (U-LAC-487)	Th-57 PR-15

**2. Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Date From	Date To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	<b>UNIT - I</b> Introduction to .Net, Arrays and Operators	8.12.2022	31.12.2022	15	Group discussion	Programming test
2	<b>Unit - II</b> Properties, Events, delegates and C# Namespaces	2.1.2023	25.1.2023	15	Programming Assignment	Open book test
3	<b>Unit - III</b> Windows Application	27.1.2023	21.2.2023	20	Group discussion	Class test
4	<b>Unit - IV</b> ADO.Net and Database Oriented Applications	22.2.2023	29.3.2023	17	Programming Assignment	Programming test

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