

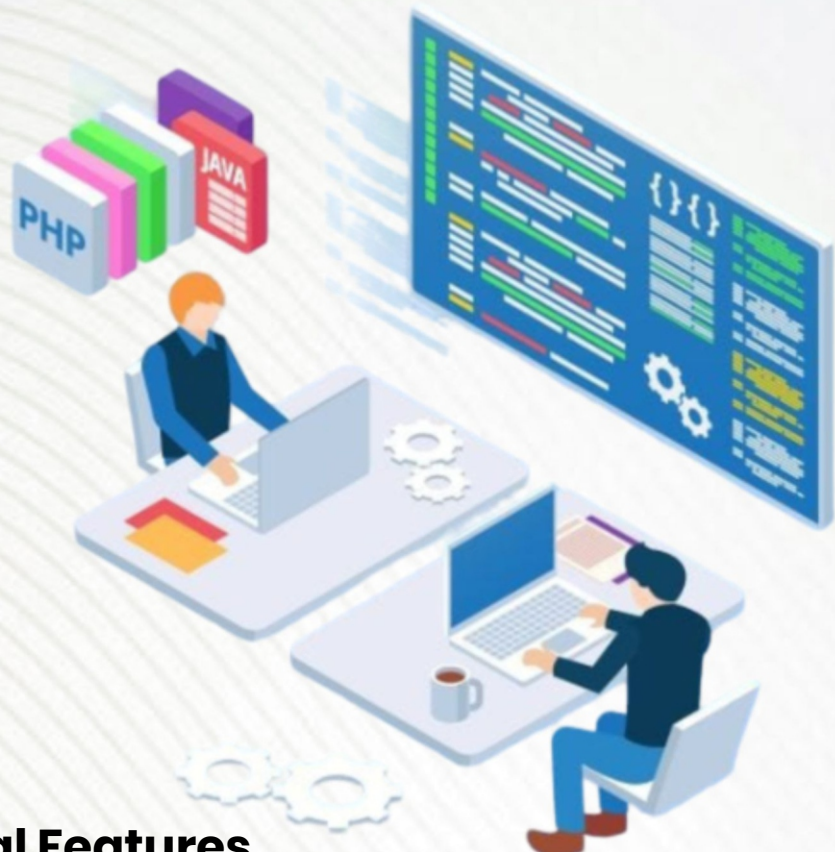
CERTIFICATE



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

**DEPARTMENT
OF
INFORMATION TECHNOLOGY**

RSML MOOCs
(Online Certificate Courses)



Special Features

- ➔ RSML MOOCs launched Firstly in the year 2020-2021
- ➔ Contents are Created by Faculty Members
- ➔ Registration from all over the world



Objectives of the Certificate Courses

To develop an understanding of how computing technology presents new ways to address problems and to use computational thinking to analyse problems and to design, develop and evaluate solutions.

Process of joining Course

- ➡ Student Registrations were made online using Google Form
- ➡ After registration the course material were made available to students through video links.
- ➡ At the end of every week, One Test was conducted in Online Mode.
- ➡ After fourth week, final exam was conducted in Online Mode.
- ➡ The certificates were issued to the those students who have successfully passed all four tests and the final exam.

(Online Certificate Courses)

Courses Designed and Developed by

Coordinators



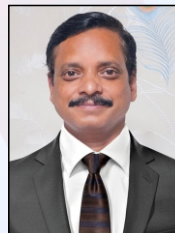
Mrs. Manjusha Shinde
(Understanding Python)



Dr. Shivraj Patil
(Advanced Concepts of
Computer Networking)



Mrs. Chandraprabha
Kulkarni
(C# .NET Programming)



Mr. Vishwanath Panchal



Mr. Shaikh Riyaj

C# .NET Programming



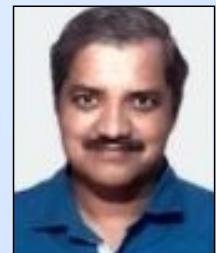
Ms. Jyoti Mashalkar



Mr. Manoj Birajdar



Mr. Aman Shaikh



Mr. Mahadev Bhatade

Advanced Concepts of Computer Networking



DEPARTMENT OF INFORMATION TECHNOLOGY

Brochures

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Information Technology
and
Kamala Education Society's
Pratibha College of Commerce & Computer Studies,
Chinchwad, Pune.
Jointly Organizes
**Four Week Online Certificate Course
(Under MoU) on**
Understanding Python

Chief Organizer
Dr. Mahadev Gavhane Principal
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Dr. Babasaheb Sangale Principal
Pratibha College of Commerce & Computer Studies,
Chinchwad, Pune.

Organizing Secretary
Dr. Abhijit Yadav OSD & IQAC Co-ordinator
Dr. Jayashree Muley IQAC Co-ordinator

Joint Organizing Secretary
Prof. Manjusha Shinde Course Co-ordinator
Asst. Prof. Aparna Joshi Add-on Course Co-ordinator
Prof. Vishwanath Panchal Resource Person
Prof. Riyaz Shaikh Resource Person

Course Starts From 17 October 2022 to 17 November 2022
Visit for more details : <https://www.shahucollege.latur.org.in/certificateit.php>

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Information Technology
and
Kamala Education Society's
Pratibha College of Commerce & Computer Studies,
Chinchwad, Pune.
Jointly Organizes
**Four Week Online Certificate Course on
(Under MoU)**
C#.NET Programming

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Dr. Babasaheb Sangale Principal
Pratibha College of Commerce & Computer Studies,
Chinchwad, Pune.

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Joint Organizing Secretary
Prof. Chandrabha Kulkarni Course Co-ordinator
Asst. Prof. Aparna Joshi Add-on Course Co-ordinator
Prof. Jyoti Mashalkar Resource Person
Prof. Manoj Birajdar Resource Person

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Prof. Mahadev Bhatade Resource Person

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Shiv Chhatrapati Shikshan Sanstha's
RAJARSHI SHAHU MAHAVIDYALAYA (AUTONOMOUS), LATUR
Department of Information Technology
Free Four Week Online Certificate Course on
Understanding Python

Chief Patrons
Dr. Gopalraoji Patil President, SCSS, Latur
Dr. P.R. Deshmukh Vice-President, SCSS, Latur
Prin. Anirudha Jadhav Secretary, SCSS, Latur

Chief Organizer
Dr. Mahadev Gavhane Principal
Organizing Secretary
Prof. Sadashiv Shinde Vice-Principal
Dr. Abhijit Yadav IQAC Co-ordinator

Organizing Joint-Secretary
Prof. Manjusha Shinde Course Co-ordinator
Prof. Vishwanath Panchal Department Co-ordinator
Prof. Jyoti Mashalkar Department Co-ordinator

Organizing Committee
All IT Department Members
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Registration is FREE for all participants.
Course Starts From 22 August 2022 to 23 September 2022
Participants should register by the following link Limited seats are available.
Registration Form
Register here : <https://forms.gle/Bkx1wYpauhF2Gdy6>
Visit for more details: <https://www.shahucollege.latur.org.in/certificateit.php>

Shiv Chhatrapati Shikshan Sanstha's
RAJARSHI SHAHU MAHAVIDYALAYA (AUTONOMOUS), LATUR
Department of Information Technology
Free Four Week Online Certificate Course on
C# .NET Programming

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Dr. P.R. Deshmukh Vice-President, SCSS, Latur
Prin. Anirudha Jadhav Secretary, SCSS, Latur

Chief Organizer
Dr. Mahadev Gavhane Principal
Organizing Secretary
Prof. Sadashiv Shinde Vice-Principal
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Shiv Chhatrapati Shikshan Sanstha's
RAJARSHI SHAHU MAHAVIDYALAYA (AUTONOMOUS), LATUR
Department of Information Technology
Free Four Week Online Certificate Course on
Advanced Concepts of Computer Networking

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Syllabus : Understanding Python

Week 01 :

Course Introduction :

What Is Python? Python Features

Downloading, Installing, Running Python Working with Python(IDLE)

Basic Syntax First Python Program, Variable and Data Types Operator

Week 02:

Conditional Statements:

If, If- else, Nested if-else Looping Statements: For, While, Nested loops

Control Statements: Break, Continue, Pass

Working with Strings:

Accessing Strings Basic Operations, String slices Function and Methods

Week 03 :

Working with Lists : Introduction Accessing list Operations

Function and Methods

Working with Tuple:

Introduction Accessing tuples, Operations Functions and Methods

Working with dictionaries:

Introduction Accessing values in dictionaries Properties

Week 04:

Working with Functions:

Defining a function, Calling a function. Types of functions,

Function Arguments

Exception Handling:

Exception Handling Except clause Try? finally clause

OOPs concept :

Class and object, Attributes, Inheritance, Overloading, Overriding, Data hiding



Syllabus : C#.Net Programming

Week 01:

Course Introduction
Software development life cycle
Introduction to .net
.net framework

Week 02:

Introduction of Visual Studio IDE
Hello world program
Windows Form Application
Message Box

Week 03:

Use of Text Box, Button and Label
Input Validation
Use of Combo Box, ListBox
Use of Date Time picker, Timer
Play Audio/Video

Week 04:

Database Architecture
Data Set, Data Adapter, Data Reader class
Database Connectivity
Show Database table record in Data GridView
Insert/Update/Delete operation on Database.



Syllabus : Advanced Concepts of Computer Networking

Week 01:

Course Introduction.
Client Server Concept.
Network Topologies.
Components and Physical Media.

Week 02:

Introduction of Wireless Network.
Comparison between Wired and Wireless Network.
Why we use Wireless Network.
Disadvantages of Wireless Network.
Radio Frequencies signal (RF Signals)

Week 03:

Types of Wireless Networks.
Requirement to create wireless Network.
Wi-Fi (Wireless Fidelity)
Bluetooth
Li-Fi

Week 04:

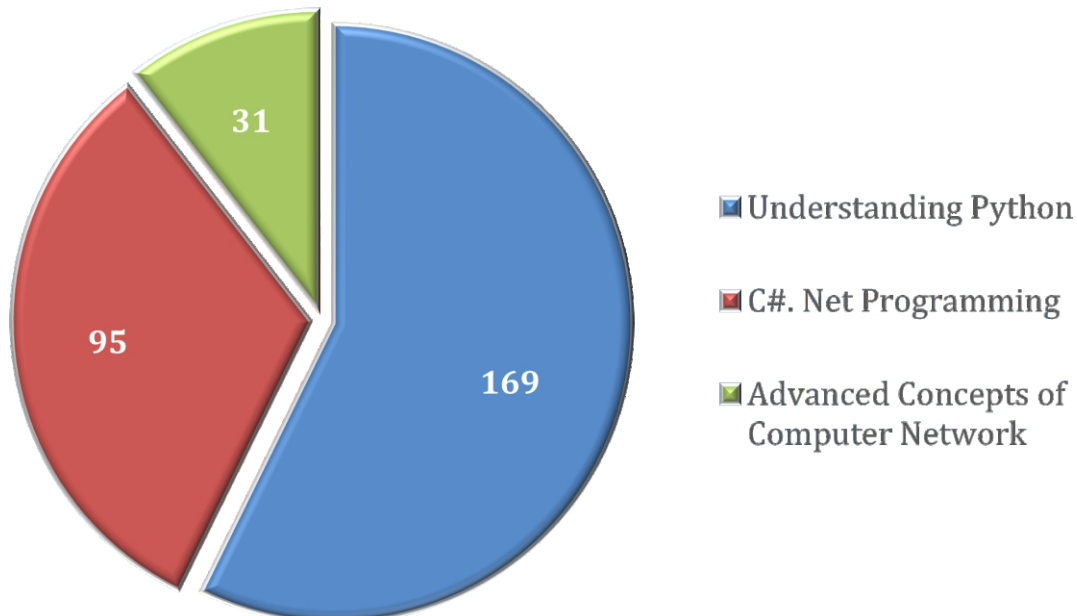
2G and 3G Network.
4G and 5G Network.
Security Options in Wireless Network.
IEEE Wireless Standards.
Ad-hoc and Sensor Network.



17.10.2022 to 17.11.2022

MOOCs under MoU

- ➔ The Department of Information Technology signed a MoU with Pratibha College of Commerce & Computer Studies, Chinchwad, Pune.
- ➔ Under MoU, the Pratibha College, Pune will run our Certificate Courses for their students and transfer the credits to their students.



Understanding Python

- Registered Students : 169
- Appeared for Examination : 169
- Qualified Students : 84 + 2 (teachers)

C#. Net Programming

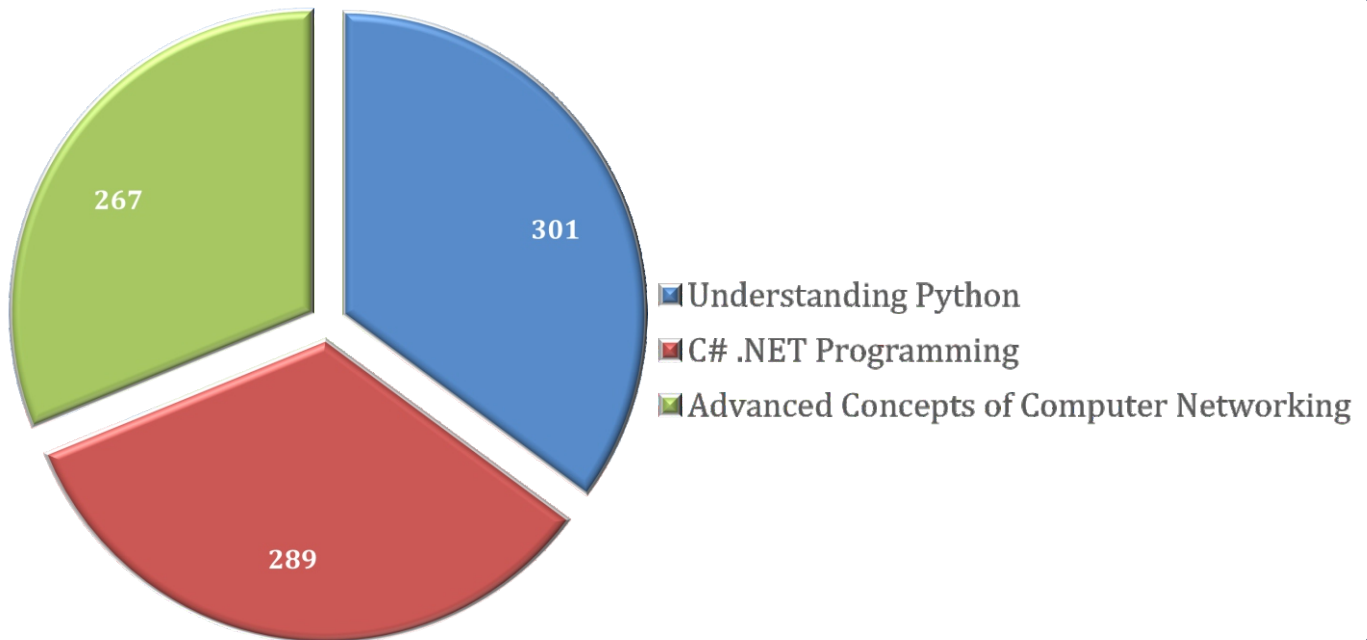
- Registered Students : 95
- Appeared for Examination : 95
- Qualified Students : 57 + 2 (teachers)

Advanced Concepts of Computer Network

- Registered Students : 31
- Appeared for Examination : 31
- Qualified Students : 27 + 2 (teachers)



22.08.2022 to 25.09.2022



Understanding Python

- Registered Students : 301
- Appeared for Examination : 301
- Qualified Students : 43

C# .NET Programming

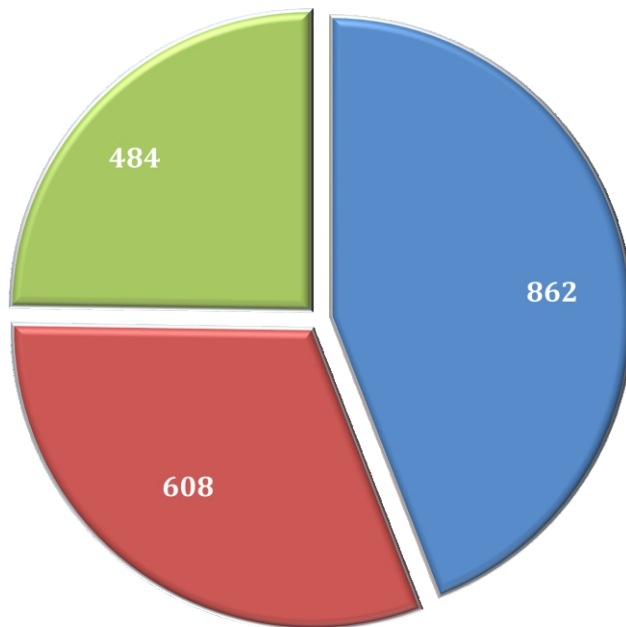
- Registered Students : 289
- Appeared for Examination : 289
- Qualified Students : 63

Advanced Concepts of Computer Networking

- Registered Students : 267
- Appeared for Examination : 267
- Qualified Students : 66



01.02.2022 to 26.02.2022



- Programming with Python
- Software Development with C#
- Recent Trends in Networking

Programming with Python

- Registered Students : 862
- Appeared for Examination : 132
- Qualified Students : 75

Software Development with C#

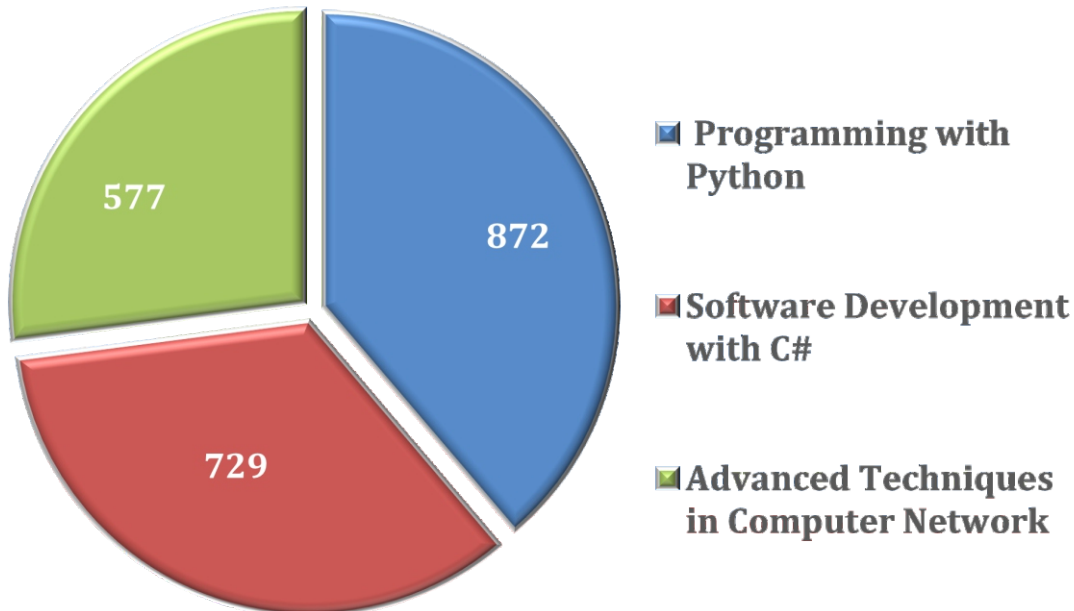
- Registered Students : 608
- Appeared for Examination : 120
- Qualified Students : 68

Recent Trends in Networking

- Registered Students : 484
- Appeared for Examination : 81
- Qualified Students : 52



04.09.2020 to 12.10.2020



Python Programming

- Registered Students : 872
- Appeared for Examination : 229
- Qualified Students : 127

Software Development with C#

- Registered Students : 729
- Appeared for Examination : 185
- Qualified Students : 107

Advanced Techniques in Computer Network

- Registered Students : 577
- Appeared for Examination : 161
- Qualified Students : 137



DEPARTMENT OF INFORMATION TECHNOLOGY

Certificate



Rank 1st Gold



Rank 2nd Silver



Participant



