



**Shiv Chhatrapati Shikshan Sanstha's  
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
Department of Information Technology  
A) A Summary Report of the Activity**

1) Title of Programme:	<b>Four Week Online Certificate Course</b>		
2) Name of Organizing Department:	Department of Information Technology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:	Programme Coordinator: 1) Dr. Shivraj Patil 2) Prof. Chandrababha Kulkarni 3) Prof. Manjusha Shinde		
4) Date(s) of the Programme:	01.02.2022 to 26.02.2022		
5) Venue/Mode:	Online through Google Drive		
6) Target Group:	Any one can do the courses		
7) Number of Participants:	Number of Registered Students for course	Number students appeared for Examination	Number of Qualified Students
Programming with Python	862	132	75
Software Development Using .NET	608	120	68
Recent Trends in Networking	484	81	52
8) Name(s) and details of Resource Person(s), if any:	<b>Programming with Python</b> 1. Mr Riyaj Shaikh 2. Mr. Vishwanath Panchal <b>Software Development Using .NET</b> 1. Ms. Jyoti Mashalkar 2. Mr. Manoj Birajdar <b>Recent Trends in Networking</b> 1. Mr. Aman Shaikh 2. Mr. Mahadev Bhatade		
9) Total Expenditure for the Programme:	--		
10) Source of Funding:	--		

## **B) Report**

### **i. Title**

Four Week Online Certificate Courses

### **ii. Introduction**

The department of Information Technology has started three online certificate courses of four week namely Programming with Python, Software Development Using .NET and Recent Trends in Networking. These certificate courses were designed to enrich the skills of students, teachers and programmers.

### **iii. Objectives of the Seminar**

- To provide knowledge about Python Programming
- To provide knowledge about C# and Application development using C#
- To provide knowledge about networking and recent trends in networking

### **iv. Details of Participants**

- 1) Programming with Python: Students Qualified 75 (Male-30, Female-45)
- 2) Software Development Using .NET: Students Qualified 68 (Male-38, Female-30)
- 3) Recent Trends in Networking: Students Qualified 52 (Male-22, Female-30)

### **v. Brief Summary of Events / Sessions**

Python is widely used by a number of big companies like Google, Pinterest, Instagram, Disney, Yahoo, Nokia, IBM, and many others. The Raspberry Pi - which is a mini computer and DIY lover's dream - relies on Python as its main programming language too. You're probably wondering why either of these things matter, and that's because once you learn Python, you'll never have a shortage of ways to utilize the skill.

According to the 2015 Stack Overflow developer survey, C# is the third most popular object-oriented language. The flexibility of C# is a huge benefit compared to some languages. Although it is possible to do all of these things with other languages as well, it usually involves piecing together some variety of third-party tools to make it all work, whereas C# developers have a very cohesive Microsoft-supported set of tools for developing any type of application.

Computer network professionals are the ones who make sure computer systems are running smoothly. Becoming a computer networking professional can help you become a positive influence in many different industries. You have the ability to help protect colleagues' and customers' private information. You can also help manage networks so people can live their lives and do their jobs better. The global importance of the Internet could also give you the opportunity to travel and help other people and businesses around the world.

**vi. Conclusion, with Feedback on the workshop / certificate course**

There is a huge response to the online certificate course conducted. The participants are from across the country. The final exam was conducted and the e-certificate was issued to those participants who successfully submitted all four-week assignments and passed the final exam.

**vii. Any Appendix If Necessary**

List of Participants attached

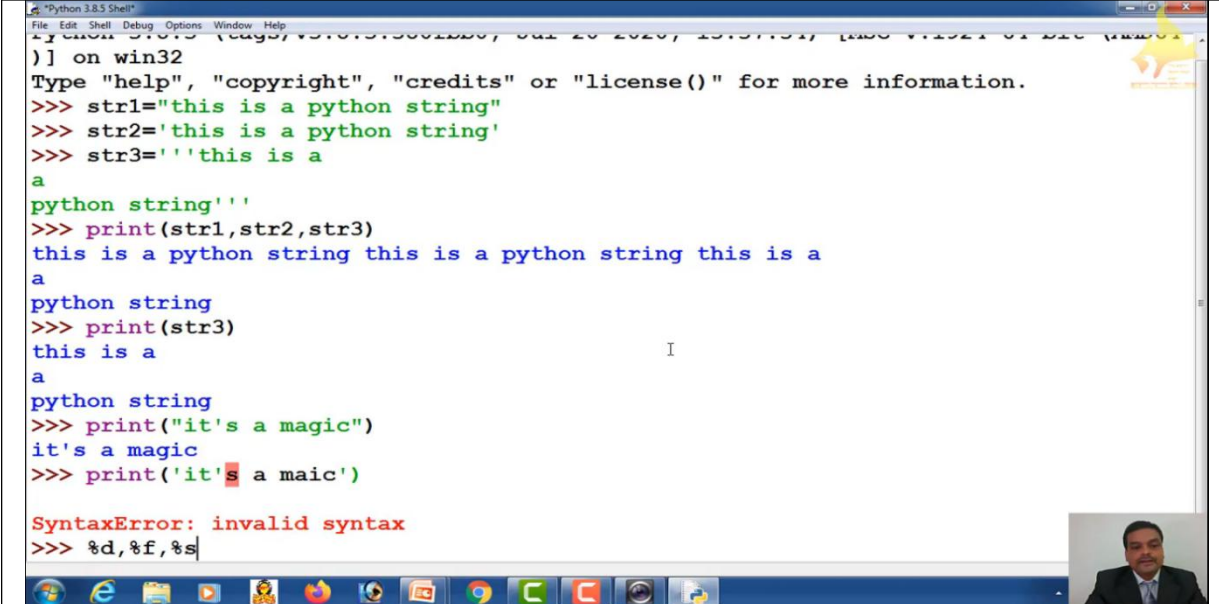
Date: 25.10.2020

  
Convener/ HoD  
**Co-Ordinator**  
Information Technology  
R.S.M.(Autonomous), Latur



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

### C) Geotagged Photographs/ Screenshots

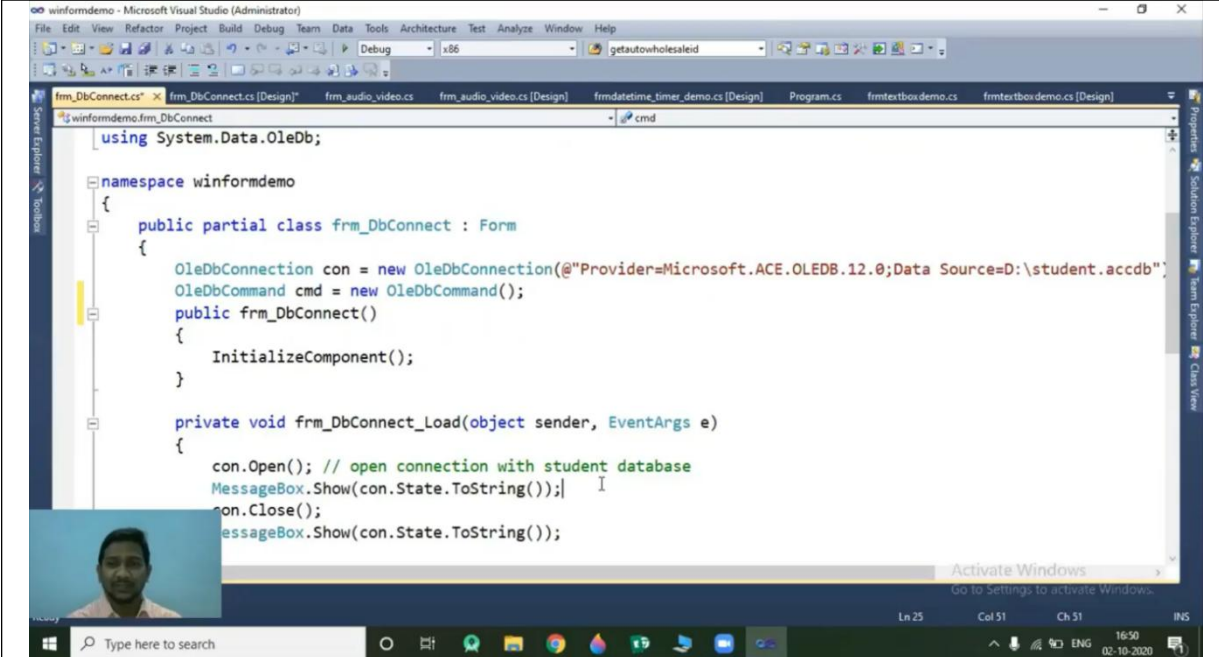


```
Python 3.8.5 Shell
File Edit Shell Debug Options Window Help
Type "help", "copyright", "credits" or "license()" for more information.
>>> on win32
>>> str1="this is a python string"
>>> str2='this is a python string'
>>> str3='''this is a
a
python string'''
>>> print(str1,str2,str3)
this is a python string this is a python string this is a
a
python string
>>> print(str3)
this is a
a
python string
>>> print("it's a magic")
it's a magic
>>> print('it's a maic')

SyntaxError: invalid syntax
>>> %d,%f,%s
```

The screenshot shows a Python 3.8.5 Shell window. The user has entered several lines of code to demonstrate string handling. The first part shows three strings: a double-quoted string, a single-quoted string, and a triple-quoted string. These are printed together, showing they are concatenated. Then, the triple-quoted string is printed alone, showing its multi-line nature. Next, a string with an apostrophe is printed using double quotes, and then using single quotes, showing that single quotes are escaped. Finally, a syntax error is demonstrated by entering a string formatting code (%d,%f,%s) without any variables, which results in a 'SyntaxError: invalid syntax'.

Course Teacher Mr. Shaikh R. S. S. demonstrating "Stings" in Python



```
winformdemo - Microsoft Visual Studio (Administrator)
File Edit View Refactor Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug x86 getautowholesaleid
frm_DbConnect.cs frm_DbConnect.cs [Design] frm_audio_video.cs frm_audio_video.cs [Design] frmdatetime_timer_demo.cs [Design] Program.cs frmtextboxdemo.cs frmtextboxdemo.cs [Design]
using System.Data.OleDb;

namespace winformdemo
{
    public partial class frm_DbConnect : Form
    {
        OleDbConnection con = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=D:\student.accdb");
        OleDbCommand cmd = new OleDbCommand();
        public frm_DbConnect()
        {
            InitializeComponent();
        }

        private void frm_DbConnect_Load(object sender, EventArgs e)
        {
            con.Open(); // open connection with student database
            MessageBox.Show(con.State.ToString());
            con.Close();
            MessageBox.Show(con.State.ToString());
        }
    }
}
```

The screenshot shows the Microsoft Visual Studio IDE. The main window displays a C# code file named 'frm\_DbConnect.cs'. The code is for a Windows Form application. It uses the 'OleDb' namespace to connect to a Microsoft Access database. The code defines a partial class 'frm\_DbConnect' which inherits from 'Form'. It initializes an 'OleDbConnection' object with a connection string pointing to a database file 'student.accdb' located at 'D:\student'. It also creates an 'OleDbCommand' object. The 'frm\_DbConnect\_Load' method is overridden, and it contains logic to open the connection, show the connection state in a message box, close the connection, and show the connection state again. The status bar at the bottom indicates the current line is 25, column 51, and the file is 'Ch 51'.

Course Teacher Mr. Manoj Birajdar demonstrating Database Connectivity in C#



## NIC are Of Two Types



### 1. Wired NIC:

The Wired NIC is present inside the motherboard. Cables and connectors are used with wired NIC to transfer data.



### 1. Wireless NIC:

The wireless NIC contains the antenna to obtain the connection over the wireless network. For example, laptop computer contains the wireless NIC.




12:29 / 36:57




Course Teacher Mr. Aman Shaikh explaining components for Networking

D) Brochure of the seminar / Programme

Shiv Chhatrapati Shikshan Sanstha's

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

**Free Four Week Online Courses with Certificate**



**Programming with Python  
Software Development using .NET  
Recent Trends in Networking**

**Chief Patrons**

<b>Dr. Gopalraoji Patil</b> President ,SCSS, Latur	<b>Dr. P.R. Deshmukh</b> Vice- President ,SCSS, Latur	<b>Prin. Anirudha Jadhav</b> Secretary ,SCSS, Latur
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**Chief Organizer**  
**Dr. Mahadev Gavhane**  
Principal

**Organizing Secretary**  
**Dr. A. J. Raju**  
Vice – Principal

**Prof. S.N. Shinde**  
Vice-Principal

**Organizing Joint-Secretary**

<b>Prof. Manjusha Shinde</b>	<b>Dr. Shivraj Patil</b>	<b>Prof. Chandraprabha Kulkarni</b>
------------------------------	--------------------------	-------------------------------------

**Prof. Vishwanath Panchal**  
Department Coordinator

**Prof. Jyoti Mashalkar**  
Department Coordinator

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

E) Any Other Publicity Material: Nil

Shiv Chhatrapati Shikshan Sanstha's  
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
Department of Information Technology  
List of Qualified Students

1. Online Certificate Course: **Programming with Python**

Sr. No.	Name of The Participant	Gender
1	Pendharkar Sumit Prabhakar	Male
2	Yogesh Krushnat Mane	Male
3	Madhura Sudhirrao Chavan	Female
4	Rijuta Sudhakar Tat	Female
5	Aniket Ashok Bhangе	Male
6	Kilche Achal Satish	Female
7	Aanchal Arun Agrawal	Female
8	Auti Vishakha Vilas	Female
9	Vaibhav Bhausаheb Waghmode	Male
10	Jayesh Santosh Birajdar	Male
11	Shinde Vijay Gurunath	Male
12	Sakshi Balasaheb Salunke	Female
13	Belkunde Rutuja Mahadev	Female
14	Gajge Mashna Devrao	Male
15	Jamadar Nidaafreen Maheboob	Female
16	Pawar Pratap Hanumant	Male
17	Pawar Suraj Swarup	Male
18	Ankita Avadhut Pathak	Female
19	Shaikh Hasan Idris	Male
20	Sanika Siddheshwar Shinde	Female
21	Aamer Sajjad Pathan	Male
22	Mujawar Saniya Abdulkadar	Female
23	Narhare Mahesh Madhukar	Male

24	Adarsh Vyankat Shinde	Male
25	Sandhya Satish Sampate	Female
26	Vikrant Vitthalrao Madnure	Male
27	Gahirwar Kirti Kiransinha	Female
28	Munde Anuja Ramesh	Female
29	Pooja Kishor Pandge	Female
30	Pratiksha Shrinivas Kulkarni	Female
31	Raman Mallikarjun Khelge	Male
32	Rupwate Sandip Vilas	Male
33	Sakshi Prashant Kulkarni	Female
34	Sakshi Santosh Bidave	Female
35	Anuja Shivaji Hugge	Female
36	Suryawanshi Pooja Vishwambh	Female
37	Tambolkar Kartik Ravinath	Male
38	Bhakti Bhiwaji Suryawanshi	Female
39	Gaikwad Supriya Panchashil	Female
40	Garad Nikita Prabhakar	Female
41	Jaya Sanjay Bharad	Female
42	Pratibha Bhimrao Gaikwad	Female
43	Shaikh Samreen Mastan	Female
44	Akash Vivekanand Bhosale	Male
45	Mengal Chhaya Rambhau	Female
46	Shaikh Juber Ahemad Mohamma	Male
47	Bhandare Ashwini Baban	Female
48	Mali Rohini Khandu	Female
49	Gayatri Maheshkumar Bajaj	Female
50	Mayur Mohan Wankar	Male



51	Rushikesh Navnath Kadu	Male
52	Vaishnavi Rajendra Khamkar	Female
53	Waghmare Vaishali Haripal	Female
54	Bhokare Krushna Bharat	Male
55	Mahesh Chandrashekhar Late	Male
56	Mude Rutuja Balaji	Female
57	Nandkishor Gajanan Mawal	Male
58	Shital Senapati Bhusar	Female
59	Chounde Gouravi Ramakant	Female
60	Lasune Amol Suryakant	Male
61	Patil Radhika Guruling	Female
62	Shinde Gita Dattatray	Female
63	Fawade Sakshi Suresh	Female
64	Gaurav Balasaheb Salve	Male
65	Kamble Rohit Umakant	Male
66	Khadap Rutuja	Female
67	Narhare Shital Madhukar	Female
68	Shivathare Piyush Ajay	Male
69	Vaishnavi Mahadev Mohite	Female
70	Miss. Sapna Devidas Sable	Female
71	Saste Prasad Ramrao	Male
72	Shirure Priti Sanjay	Female
73	Dimple Juneja	Female
74	Jadhav Jagruti Ravindra	Female
75	Vaibhav Santosh Thakare	Male

## 2. Online Certificate Course: **Software Development Using .NET**

<b>Sr.No.</b>	<b>Name of the Participant</b>	<b>Gender</b>
1	Kilche Achal Satish	Female
2	Gaikwad Ashwaghosh Jarasandh	Male
3	Bodhwad Abhishek Pralhad	Male
4	Kamble Dipak Prabhu	Male
5	Nagmode Sushant Sunil	Male
6	Tondge Godavari Maroti	Female
7	Jamadar Nidaafreen Maheboob	Female
8	Mane Swapnil Dhanaji	Male
9	Mule Shubham Satish	Male
10	Madhura Sudhirrao Chavan	Female
11	Pawar Pratap Hanumant	Male
12	Pawar Suraj Swarup	Male
13	Rijuta Sudhakar Tat	Female
14	Aniket Ashok Bhange	Male
15	Bhosale Dnyaneshwar Rajendra	Male
16	Shivanand Rajendra Maybone	Male
17	Suryawanshi Pooja Vishwambhar	Female
18	Vaishnavi Madhukar Patil	Female
19	Godage Shubham Bapusaheb	Male
20	Sangle Sanika Babasaheb	Female
21	Shinde Vijay Gurunath	Male
22	Akash Vivekanand Bhosale	Male
23	Kalkute Nikita Vitthal	Female
24	Yogesh Krushnat Mane	Male
25	Bhokare Krushna Bharat	Male

26	Jayesh Santosh Birajdar	Male
27	Pratibha Bhimrao Gaikwad	Female
28	Deshmukh Atharava Satish	Male
29	Vikrant Vitthalrao Madnure	Male
30	Waghmare Vaishali Haripal	Female
31	Shwetali Sambhaji Thombare	Female
32	Vaibhav Bhausahab Waghmode	Male
33	Nikita Rajendra Pawar	Female
34	Panchal Gayatri Balaji	Female
35	Saste Prasad Ramrao	Male
36	Kamble Rohit Umakant	Male
37	Lasune Amol Suryakant	Male
38	Nishchal Suchita Divakar	Female
39	Rajmane Anjali Vishwanath	Female
40	Shivathare Piyush Ajay	Male
41	Waghmare Sunil Dilip	Male
42	Geeta Ashok Joshi	Female
43	Sanika Siddheshwar Shinde	Female
44	Survase Harshada Raosaheb	Female
45	Aamer Sajjad Pathan	Male
46	Jogdand Abhishek Chandrasen	Male
47	Kulkarni Madhura Mukundrao	Female
48	Shelar Vikas Balaji	Male
49	Shirure Priti Sanjay	Female
50	Bagwan Fazal Ur Raheman Jamil	Male
51	Balasaheb Pandit Bhise	Male
52	Khase Sumit Balaji	Male

53	Vishvajeet Shivaji Gaikwad	Male
54	Aditya Santosh Durugkar	Male
55	Jadhav Dhiraj Satish	Male
56	Tambolkar Kartik Ravinath	Male
57	Gaurav Balasaheb Salve	Male
58	Ghodekar Ishika Gopinath	Female
59	Mule Priyanka Vishnudas	Female
60	Sakshi Santosh Bidave	Female
61	Shinde Vaijnath Pratap	Male
62	Fawade Sakshi Suresh	Female
63	Shubhangi Revansidh Ibitwar	Female
64	Garad Nikita Prabhakar	Female
65	More Anusaya Adinath	Female
66	Pundkare Tanuja Vishwanath	Female
67	Vaishnavi Mahadev Mohite	Female
68	Rupwate Sandip Vilas	Male

### 3. Online Certificate Course: **Recent Trends in Networking**

<b>Sr.No.</b>	<b>Name of the Participant</b>	<b>Gender</b>
1	Pratibha Bhimrao Gaikwad	Female
2	Vikrant Vitthalrao Madnure	Male
3	Auti Manjiri Vilas	Female
4	Kilche Achal Satish	Female
5	Kulkarni Sakshi Prashant	Female
6	Shelar Vikas Balaji	Male
7	Waghmare Vaishali Haripal	Female
8	Shinde Vijay Gurunath	Male

9	Munde Anuja Ramesh	Female
10	Aditya Santosh Durugkar	Male
11	Aniket Ashok Bhange	Male
12	Kshirsagar Amar Pravin	Male
13	Panchal Gayatri Balaji	Female
14	Vaishnavi Madhukar Patil	Female
15	Mayuri Kishor Pawar	Female
16	Suryawanshi Pooja Vishwambhar	Female
17	Buttepawad Dnyaneshwar Nagorao	Male
18	Rutuja Mohan Yedle	Female
19	Jamadar Nidaafreen Maheboob	Female
20	Sakshi Santosh Bidave	Female
21	Tambolkar Kartik Ravinath	Male
22	Vasudha Kiran Dongare	Female
23	Mitali Arun Dogare	Female
24	Rajmane Anjali Vishwanath	Female
25	Mude Rutuja Balaji	Female
26	Shendage Adarsh Popat	Male
27	Shaikh Juber Ahemad Mohammad	Male
28	Vishal Balasaheb Mehetre	Male
29	Fawade Sakshi Suresh	Female
30	Chounde Gouravi Ramakant	Female
31	Abhishek Babasaheb Dengale	Male
32	Mahesh Chandrashekhar Late	Male
33	Vaibhav Santosh Thakare	Male
34	Rushikesh Sanjay Chandane	Male
35	Vaishnavi Sudhakar Mamidwar	Female




119	SHITAL BALAJI HUDE	FEMALE	STUDENT
120	SURYAVANSHI RANI VISHVAMBHAR	FEMALE	STUDENT
121	KHANDU BABURAO BANSODE	MALE	STUDENT
122	ANJALI NAMDEVRAO SHELKIKAR	FEMALE	STUDENT
123	KAMBLE SHUBHANGI GOPAL	FEMALE	STUDENT
124	MR. KRISHNARAJU.D	MALE	STUDENT
125	NEHA NAGESHRAO KULKARNI	FEMALE	STUDENT
126	DILEEP ANGADRAO PASTAPURE	MALE	STUDENT
127	ROHIT RAM SHINDE	MALE	STUDENT
128	RUTUJA PRABHAKAR DESHMUKH	FEMALE	STUDENT
129	GAIKWAD SONI BHIMRAO	FEMALE	STUDENT
130	TEJSWINI JEEVANRAO JOSHI	FEMALE	STUDENT
131	BULBULE NAMITA	FEMALE	STUDENT
132	FAKIR RAHIM ZAMIR	MALE	STUDENT
133	SHRUSHTI DUDHANIKAR	FEMALE	STUDENT
134	DHONDAPURE MANISHA VISHVANATH	FEMALE	STUDENT
135	SHENDRE SANDHYA MAHADEV	FEMALE	STUDENT
136	SONKAMBLE DIKSHA CHANDRAKANT	FEMALE	STUDENT
137	MARLAPALLE NAMRATA BALIRAM	FEMALE	STUDENT

Date: 25.10.2020

  
 Convener/ HoD  
 Co-Ordinator  
 Information Technology  
 R.S.M.(Autonomous), Latur



  
 Principal  
 PRINCIPAL  
 Rajarshi Shahu Mahavidyalaya  
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