SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR

FIVE DAY STUDENT WORKSHOP

ON

PROGRAMMING IN PYTHON

AUGUST 16 - 20, 2021

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

&

INFORMATION TECHNOLOGY

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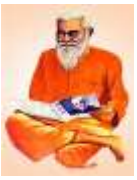
INTRODUCTION

SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) has beenranked no.1 engineering institute in Rajasthanby RTU, Kota consecutively for the last three years. SKIT is a selective comprehensiveinstitution offering undergraduate andpostgraduate programmes in Engineering andManagement. The institute was established inthe year 2000 by a team of committedprofessionals and academicians. During all the past years SKIT has emerged as a premier centre of technical education not only in Rajasthan but also in northern India which has been realized through efficient and dedicated faculty members, innovativeteaching learningmethods, state of the art infrastructures and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accrediation (NBA).

DEPARTMENT OF CSE & I.T.

The Department is dedicated towards providing its students with a motivating environment andfacilitating their academic requirements with committed and expert supervision of faculty andexperts from various fields from time to time.The department offers B.Tech (CS) & B.Tech (IT), M.Tech. (CS) and PhD. (CS). The B.Tech degree programme has been accredited by NBAin both CSE and IT. The department ComputerScience & Engineering is a recognized ResearchCentre of Rajasthan Technical University.Organises Spoken Tutorial and NPTELCertification by IIT Bombay and has VirtualLab setup by IIT Madras.



Five day Student Workshop

On

Programming in Python

16 August - 20 August, 2020

OBJECTIVE OF WORKSHOP

The goal is to get students up and running with Python in as short a time as possible. Students will learn the basics of writing and running Python scripts. We will cover topics for students completely new to programming, along with comparisons and contrasts to other programming languages. The course is designed to provide basic knowledge of Python. This Python workhop leads students from the basics of writing and running Python scripts to more advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules. Extra emphasis is placed on features unique to Python, such as tuples, array slices, and output formatting.

The learning objectives of this workshop are to:
1. Understand the fundamentals of writing Python scripts.
2. Learn and understand Python programming basics elements and paradigm.
3. Discover how to work with Python looping, control statements and string manipulations.
4. Write Python functions to facilitate code reuse.
5. Use lists, tuples, and dictionaries in Python programs.

OUTCOME OF WORKSHOP

After completing the study of the discipline “Programming in Python”, the students are expected to perform Problem solving and programming capability in core Python. Learn core Python scripting elements will help them to discover new concepts intended for software engineers, system analysts, program managers, and user support personnel who wish to learn the Python programming language. Besides software development, **Python** is used for web, data analytics, machine learning, and even design. We take a closer look at some of the uses of **Python**, as well as why it's such a popular and versatile programming language.

WORKSHOP COMMITTEE

ADVISORS:

Dr. Anil Chaudhary (HOD, I.T.)

Dr. Mukesh Kumar Gupta (HOD, CSE)

Dr. Rohit Mukherjee (B.Tech. I Year Incharge)

FACULTY COORDINATORS:

Mr. Ganpat Singh Chauhan, Assistant Professor, Department of CSE

Mr. Neeraj Garg, Assistant Professor, Department of CSE

Ms. Palika Jajoo, Assistant Professor, Department of CSE

TECHNICAL EXPERTS:

Mr. Naveen Jain, Assistant Professor, Department of CSE

Mr. Pankaj Kumar Jadwal, Assistant Professor, Department of CSE

Mr. Ganpat Singh Chauhan, Assistant Professor, Department of CSE

Mr. Neeraj Garg, Assistant Professor, Department of CSE

Ms. Palika Jajoo, Assistant Professor, Department of CSE

WORKSHOP SCHEDULE

Five day Workshop on **"Programming in Python"**

(August 16, 2021 - August 20, 2021)

Day	Date	Topic	Session Expert
Day-1	**16-8-21 (11:00-11:15)**	**Workshop Introduction**	**Ms. Palika Jajoo**
	(11:15-11:30)	**Motivation Talk, HoD, Department of CSE**	**Dr. Mukesh Kumar Gupta**
	(11:30-12:30)	**Python Getting Started:** • Why Python? • Applications of Python • Introduction, Installation and Interacting with python • Creating, saving and running a Python file • Python Quickstart: Basic syntax, Comments, Variable, Data Types, Indentation • Programs using Arithmetic Operators	**Mr. Pankaj Kumar Jadwal**
Day-2	**17-8-21 (11:00-12:30)**	**Operators:** Arithmetic, Assignment, Comparison, Logical, Identity, Membership, Bitwise **Decision Making Statements:** Python Conditions and If statements, if...elif, if...else, Short Hand If ... Else, use of AND/OR, nested if...else	**Mr. Naveen Jain**
Day-3	**18-8-21 (11:00-12:30)**	**Looping Statement:** for, while, else in loop, nested loops, break and continue	**Mr. Naveen Jain**
Day-4	**19-8-21 (11:00-12:30)**	**String:** Basics of String, Looping through a String, String Length, Check String, Slicing, modifying strings, Split String, String methods and examples **Function:** defining, calling and argument passing, recursion	**Mr. Ganpat Singh Chauhan**
Day-5	**20-8-21 (11:00-12:00)**	List, Set, Tuples, and Dictionaries	**Mr. Ganpat Singh Chauhan**
	(12:00-12:30)	Python Quiz	**Mr. Neeraj Garg** **Ms. Palika Jajoo**
	(12:30 – 4:00)	Programming Assessment	**Mr. Ganpat Singh Chauhan**
Organizing Workshop and Session Management: **Ms. Palika Jajoo** Student Registration, Feedback Collection and Report Writing**: Mr. Neeraj Garg**			

Five day STUDENT WORKSHOP

"PROGRAMMING IN PYTHON"

16 AUGUST- 20 AUGUST,2021

INVITATION

Dear Student
Greetings of the Day!

We are pleased to inform you that Department of Computer Science and Information Technology of **Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur** are going to organize Five day student workshop for B.Tech. I Year Students from AI, CSE, ECE, IT disciplines on **"Programming in Python"** on virtual platform from 16th- 20th August, 2021.

Registration Details: Student can register online through the given link:
https://forms.gle/vuwEJcxfGs6B4Ar78r

Last date of Registration:13-Aug-2021

There is no Registration fee.

E-certificate will be provided to those Students who will attend all sessions and submit feedback on daily basis.

Note: After submitting the registration form you can find the WhatsApp group. It is advised to join this WhatsApp Group after registration to get regular important information on workshop.

With Regards

ADVISORS:

Dr. Anil Chaudhary	Dr.Mukesh Kumar Gupta	Dr.Rohit Mukherjee
Prof. & HOD,IT	Prof. & HOD,CSE	Prof. & I Year Inchage

Workshop Coordinators

Mr.Ganpat Singh Chauhan	Mr.Neeraj Garg	Ms. Palika Jajoo
9829576701	8114455806	9414499507

BROCHURE

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR
AN ONLINE FIVE DAY STUDENT WORKSHOP
(for B. Tech. I Year Students)
on
jupyter
PROGRAMMING IN PYTHON
ANACONDA
16th -20th AUGUST, 2021
Organised By:
Department of Computer Science & Engineering and Department of Information Technology
E-Certificate on Successful Completion
No Registration Fee
Last Date of Registration: 13TH August, 2021
For AI, CSE, IT, ECE Students
Registration link: https://forms.gle/vuwEJcxfGs6B4Ar78
ADVISORS:
Dr. Anil Chaudhary (HOD, I.T.)
Dr. Mukesh Kumar Gupta (HOD, CSE)
Dr. Rohit Mukherjee (I Year Incharge)
COORDINATORS:
Mr. Ganpat Singh Chauhan
Mr. Neeraj Garg
Ms. Palika Jajoo

INTRODUCTION

The python language is one of the most accessible programming languages available because it has simplified syntax and is not complicated, emphasizing natural language. Due to its ease of learning and usage, python codes can be easily written and executed much faster than other programming languages.

OBJECTIVE OF WORKSHOP

The goal is to get students up and running with Python in as short a time as possible. Students will learn the basics of writing and running Python scripts. We will cover topics for students completely new to programming, along with comparisons and contrasts to other programming languages. The course is designed to impart basic knowledge of Python and provide path toward future studies in python programming. This Python workshop leads students from the basics of writing and running Python scripts. Emphasis is placed on features unique to Python, such as tuples, array slices, and output formatting.

LEARNING OUTCOMES

After completing the study of the discipline "Programming in Python", the students are expected to perform basic problem solving and programming capability in core Python. Learn core Python scripting elements will help them to discover new concepts intended for software engineers, system analysts, program managers, and user support personnel who wish to learn the Python programming language as Python is used for software development, web, data analytics, machine learning, and even design.

SCHEDULE

Day	Date/Time	Topic
Day 1	16-08-2021 (11:00AM-12:30 PM)	**Workshop Inaugural** **Python Getting Started:** Introduction, Installation and Interacting with python programs, Basic syntax, Variable, Data Types
Day 2	17-08-2021 (11:00AM-12:30 PM)	**Decision Making Statements:** Operators, if-else
Day 3	18-08-2021 (11:00AM-12:30 PM)	**Looping Statement:** for, while, nested loops, break and continue
Day 4	19-08-2021 (11:00AM-12:30 PM)	**Function:** defining, calling and argument passing **String:** Methods and examples, Expression
Day 5	20-08-2021 (11:00AM-12:30 PM)	Lists, Set, Tuples, and Dictionaries **Valedictory Session**

Notice

Date: 06/08/2021

This is to inform all the students of B.Tech. I Year from AI, CSE, ECE, IT disciplines that Department of CSE and IT is organising a Five-day student workshop for B.Tech. I Year Students on "**Programming in Python**" on virtual platform from 16th- 20th August, 2021. The registration process for Workshop is as below:

1. Fill the Google Form by the link provided below with your valid details, namely:
   - Name
   - WhatsApp Number
   - Branch
   - RTU ROLL Number
   - Email ID (skit domain)
2. No Registration fee.
3. E-Certificate will be provided after successful completion of all sessions and submit feedback on daily basis.
4. The last date for registration is 13/08/2021.
5. It is advised to join WhatsApp group (Python Workshop) after submitting the Registration form to get regular important information about workshop

LINK: https://forms.gle/vuwEJcxfGs6B4Ar78r

Faculty Coordinator(s)

Ganpat Singh Chauhan

Neeraj Garg

Palika Jajoo

Five day STUDENT WORKSHOP

"PROGRAMMING IN PYTHON "

16 AUGUST-20 AUGUST,2021

DAY TO DAY EVENT REPORT

Department of Computer Science & Engineering and Information Technology of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur has organized Five day Student workshop on **" Programing in Python "** from 16 August- 20 August, 2021 on online Webex platform.

The Five day workshop comprised of two informative sessions one each day with theoretical as well as practical knowledge delivered by the experts. 192 students of B.Tech I year from various disciplines AI, CSE, IT and ECE have participated in this workshop.

Day 1:16th August, 2020, Monday(11:00 am-12:30 pm)

The event started with Opening Ceremony at 11:00-11:30 AM by Ms. Palika Jajoo (Assistant Professor, Computer Science & Engineering). She welcomed the Dr. Anil Chaudhary (Prof. & HOD,IT), Dr.Mukesh Kumar Gupta (Prof. & HOD,CSE) and Dr.Rohit Mukherjee (Prof. & B.Tech. I Year Inchage) and participants of workshop and appreciated the new mode of conduction of workshop and to opened the great opportunities for students to learn in Python Programming.

Prof. Mukesh Kumar Gupta, highlighted the importance of Python Programming in current scenario and motivate students for their active participation and to get benefitted from eminent experts.

Ms. Palika Jajoo, Workshop Coordinator gave introduction about the workshop and execution plan of workshop during these 5 day.

Mr. Neeraj Garg, Coordinator delivered the vote of thanks to all dignitaries, experts and participants to participate in the opening session and becoming a part of this Workshop.

Technical Sessions (11:30 am-12:30 pm)

Session I was conducted by Mr. Pankaj Jadwal on topic "Python Programming". He addressed to the participants that how important is python programming to build a successful

online presence for any business. He briefly described about the Why Python, Applications of Python and Introduction, Installation process of python. The hands-on session was conducted for Creating, saving and running a Python file

Day 2 - 17th August, 2020, Tuesday (11:00 am -1:00 pm)

Session I was conducted by Mr. Naveen Jain in which he explained Arithmetic, Assignment, Comparison, Logical, Identity, Membership, Bitwise operator in Python with practical demonstration.

Session II was conducted by Mr. Naveen Jain in which he explained Decision Making Statements: Python Conditions and If statements, if...elif, if...else, Short Hand If ... Else, use of AND/OR, nested if...else with practical demonstration.

Day 3- 18th August, 2020, Wednesday (11:00 am -1:00 pm)

Session I was conducted by Mr. Naveen Jain in which he explained Looping Statement: for, while, else in loop, nested loops, break and continue in Python with practical demonstration.

Session II was conducted by Mr. Naveen Jain in which he explained File handling in Python with practical demonstration.

Day 4- 19th August, 2020, Thursday (11:00 am -1:00 pm)

Session I was conducted by Mr. Naveen Jain in which he explained Function defining, calling and argument passing, recursion in Python with practical demonstration.

Session II was conducted by Mr. Ganpat Singh Chauhan in which he explained String methods with examples in Python with practical demonstration.

Day 5- 20th August, 2020, Wednesday (11:00 am - 4:00 pm)

Session I was conducted by Mr. Naveen Jain in which he explained the concept of List, Set, Tuples, and Dictionaries in Python with practical demonstration.

In Session II, Mr. Neeraj Garg and Palika Jajoo conducted a Python Quiz.

In Session III Mr. Ganpat Singh Chauhan conducted a Python Programming Assessment.

After these 5-day technical sessions, Valedictory session conducted at 4:00 PM - 4:30 pm on 20th August, 2020. In this session Ms. Palika Jajoo, Workshop Coordinator has given a brief summary of the events conducted in workshop. Mr. Neeraj Garg, Workshop Coordinator has brief out the outcome of the workshop. All Experts have shared their experiences during this workshop and appreciated the efforts of organizing team to conduct such type of workshop. Some of the Participants shared their views about workshop. At the end, Mr. Ganpat Singh

Chauhan, Workshop Coordinator has expressed his vote of thanks to everyone involved in this event.

Feedback form was shared to participants at the end of each session of each day on Webex platform. After feedback and by checking the attendance of participants, on-line certificates were given to all the competent participants.

FIVE DAY STUDENT WORKSHOP

"PROGRAMMING IN PYTHON "

16 AUGUST- 20 AUGUST,2021

S.N.	RTU RollNo.	Name of the Student	Branch/Specialization
1	20ESKCA046	Prafull Bhargava	AI
2	20ESKCA049	Raksha Modi	AI
3	20ESKCA008	Atul Pancharia	AI
4	20ESKCA060	Suryansh Johari	AI
5	20ESKCA063	TARUN JAIN	AI
6	20ESKCA010	Bajrang singh shekhawat	AI
7	20ESKCA017	Darshika Maheshwari	AI
8	20ESKCA020	Dushyant Jakhar	AI
9	20ESKCA039	Laxita Singh	AI
10	20ESKCA030	Jyoti Agrawal	AI
11	20ESKCA029	Isha Tripathi	AI
12	20ESKCA038	Lavanya Talwar	AI
13	20ESKCA028	Harshita Paliwal	AI
14	20ESKCA024	Harsh kumawat	AI
15	20ESKCA034	KESHAV GAUTAM	AI
16	20ESKCA054	Shray Mathur	AI
17	20ESKCA062	Tanisha choudhary	AI
18	20ESKCA022	Hardik Patel	AI
19	20ESKCA044	Nakshatra Garg	AI
20	20ESKCA048	Rahul Goyal	AI
21	20ESKCA055	Shubhiksha khandelwal	AI
22	20ESKCA064	Tisha Gupta	AI
23	20ESKCA003	Pranjal Agrawal	AI

24	20ESKCA018	Dhairya Gupta	AI
25	20ESKCA001	Aayushi Sharma	AI
26	20ESKCA015	Chhavi Sharma	AI
27	20ESKCA043	Monay Chhattani	AI
28	20ESKCA047	Preeti gurjar	AI
29	ESKCA009	Ayush Singh Tomar	AI
30	20ESKCA013	Bhavya Sharma	AI
31	20ESKCA040	Manas Rathore	AI
32	20ESKCA059	Surabhi Somai	AI
33	20ESKCA026	Harshit khandelwal	AI
34	20ESKCA016	Chinmay gupta	AI
35	20ESKCA056	Srishti Kulshrestha	AI
36	20ESKCA042	Mihir pandiya	AI
37	20ESKCA006	Amar Pratap Singh	AI
38	20ESKCS023	Akshi Jain	CSE
39	20ESKCS025	Akul Saxena	CSE
40	20ESKCS012	Aditya Sharma	CSE
41	20ESKCS016	Akhilesh chaturvedi	CSE
42	20ESKCS008	Aditi Agarwal	CSE
43	20ESKCS021	Akshat Sharma	CSE
44	20ESKCS010	Aditi Sharma	CSE
45	20ESKCS007	Abhishek Jain	CSE
46	20ESKCS009	Aditi Pareek	CSE
47	20ESKCS022	Akshat Surana	CSE
48	20ESKCS015	AKASH AGARWAL	CSE
49	20ESKCS115	Kanishk Sharma	CSE
50	20ESKCS139	Lavi Kumar Goyal	CSE
51	20ESKCS019	Akshat Pareek	CSE
52	20ESKCS111	Jayesh Khatri	CSE
53	20ESKCS017	Akshat Gupta	CSE
54	20ESKCS871	Vipul Kaushik	CSE
55	20ESKCS837	SHIVAM SINGHAL	CSE
56	20ESKCS845	Simmi Jain	CSE

57	20ESKCS864	Umang Mathur	CSE
58	20ESKCS859	TARUN KANT SHARMA	CSE
59	20ESKCS161	Nikshay khandelwal	CSE
60	20ESKCS118	Kartikey Sharma	CSE
61	20ESKCS150	Mudit Choudhary	CSE
62	20ESKCS135	Lakshay do	CSE
63	20ESKCS828	Satyam Sharma	CSE
64	20ESKCS147	Mohit Agrawal	CSE
65	20ESKCS157	Nicky Lakhisarani	CSE
66	20ESKCS875	Vishal singh chouhan	CSE
67	20ESKCS168	Parth Nagdev	CSE
68	20ESKCS883	Yuvraj Singh Naruka	CSE
69	20ESKCS849	SONU KUMAR	CSE
70	20ESKCS160	Nikita Gupta	CSE
71	20ESKCS827	Sarthak Maheshwari	CSE
72	20ESKCS809	Rishika Bansal	CSE
73	20ESKCS172	Piyush Gupta	CSE
74	20ESKCS175	Pradeep Singh	CSE
75	20ESKCS809	Rishika Bansal	CSE
76	20ESKCS189	Priya Agarwal	CSE
77	20ESKCS158	Nidhi Yadav	CSE
78	20ESKCS199	Purvi Harpalani	CSE
79	20ESKCS882	YUVRAJ KISHAN SHARMA	CSE
80	20ESKCS852	Tamanna Sharma	CSE
81	20ESKCS812	Ritin Agarwal	CSE
82	20ESKCS821	Sanidhya Bhardwaj	CSE
83	20ESKCS846	Sindhoor Singh	CSE
84	20ESKCS029	Ananya Mathur	CSE
85	20ESKCS808	Rishang Tiwari	CSE
86	20ESKCS878	Vivek panwar	CSE
87	20ESKCS123	khushi garg	CSE
88	20ESKCS018	Akshat Jain	CSE

89	20ESKCS180	Prateek Somani	CSE
90	20ESKCS005	Aayush Sharma	CSE
91	20ESKCS856	Tanmay Mudgal	CSE
92	20ESKCS832	Shashank Purohit	CSE
93	20ESKCS048	Ashu Agarwal	CSE
94	20ESKCS050	Ashwin Gupta	CSE
95	20ESKCS848	Sonia devi	CSE
96	20ESKCS834	Shekhar Sharma	CSE
97	20ESKCS024	Akshita Sharma	CSE
98	20ESKCS830	Shagun Agarwal	CSE
99	20ESKCS872	vishal katariya	CSE
100	20ESKCS857	Tanya Verma	CSE
101	20eskcs801	KUSHAL KUMAWAT	CSE
102	20ESKCS877	Vivek kumar gupta	CSE
103	20ESKCS816	Ruchin Khanna	CSE
104	20ESKCS192	PRIYANSH LAVADIA	CSE
105	20ESKCS802	Rahul Jain	CSE
106	20ESKCS861	Trivi Jain	CSE
107	20ESKCS824	Sanyam Jain	CSE
108	20ESKCS815	Ronak Gupta	CSE
109	20ESKCS853	Tanisha Mudgal	CSE
110	20ESKCS839	Shreya Jindal	CSE
111	20ESKCS835	Shivam Gaur	CSE
112	20ESKCS822	Sanjana Saxena	CSE
113	20ESKCS865	Unnati Sharma	CSE
114	20ESKCS807	RAKSHITA JADOUN	CSE
115	20ESKCS196	Priyanshu Suhalka	CSE
116	20ESKCS178	Prateek Gaur	CSE
117	20ESKCS191	Priyal Khandelwal	CSE
118	20ESKCS197	PULKIT VASHISHTH	CSE
119	20ESKCS183	Pratiksha Sharma	CSE
120	20ESKCS085	DIVYANSH JAITLIA	CSE
121	20ESKCS187	Prisha Kasat	CSE

122	20ESKCS880	Yash Jain	CSE
123	20ESKCS868	Vikas Singh Khinchi	CSE
124	20ESKCS867	Vaibhav sahu	CSE
125	20ESKCS811	Ritika Singh	CSE
126	20ESKCS851	srishty agarwal	CSE
127	20ESKCS170	PIYUSH AGRAWAL	CSE
128	20ESKCS011	Aditya Rawat	CSE
129	20ESKCS843	SIDDARTH AGARWAL	CSE
130	20ESKCS194	Priyanshu Goyal	CSE
131	20ESKCS829	Saurabh Singh Parihar	CSE
132	20ESKCS198	Purvi Goyal	CSE
133	20ESKCS047	Ashtami Tak	CSE
134	20ESKIT022	Atishayee Singh	IT
135	20ESKIT043	Harshit Sharma	IT
136	20ESKIT056	Kushal sharma	IT
137	20ESKIT078	Puneet Garg	IT
138	20ESKIT080	Rajat Khandelwal	IT
139	20ESKIT006	Aditya Shri Shri Mal	IT
140	20ESKIT044	Himanshi	IT
141	20ESKIT102	Ujjwal Mantri	IT
142	20ESKIT040	Harsh jain	IT
143	20ESKIT027	Charu Tiwari	IT
144	20ESKIT047	Isha sharma	IT
145	20ESKIT082	Rishi jain	IT
146	20ESKIT021	ASHVANI KHANDELWAL	IT
147	20ESKIT087	Sakshi Gurbani	IT
148	20ESKIT097	Shubham Singh	IT
149	20ESKIT054	Kirti Jaiswal	IT
150	20ESKIT059	Manan Sharma	IT
151	20ESKIT086	Sakshi Anil Barge	IT
152	20ESKIT039	Gungun Wadhwa	IT
153	20ESKIT058	Manan khandelwal	IT
154	20ESKIT025	Ayushi Agrawal	IT

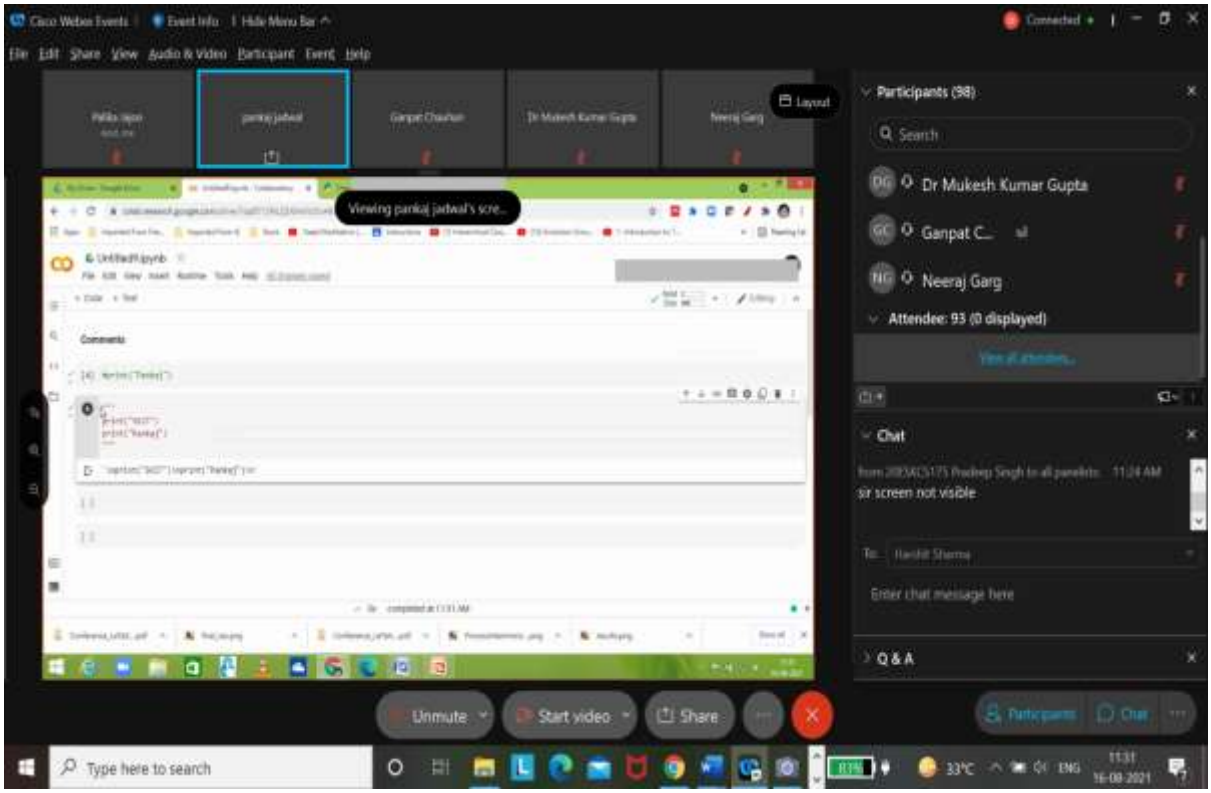
155	20ESKIT081	Rajdev Dhakar	IT
156	20ESKIT052	Karan Sharma	IT
157	20ESKIT009	Akshat kumar lakhara	IT
158	20eskit049	Jayesh sharma	IT
159	20ESKIT090	Sanskar Rana	IT
160	20ESKIT079	Rachi Khandelwal	IT
161	20ESKIT085	Rudraksh Agarwal	IT
162	20eskit030	Deepanshu Mehta	IT
163	20ESKIT070	Nilesh Suthar	IT
164	20ESKIT023	Ayush Ranjan	IT
165	20ESKIT005	Aditya Agarwal	IT
166	20ESKIT100	Tanisha jain	IT
167	20ESKITO33	Dishank Agrawal	IT
168	20ESKIT066	Nakul Sarva	IT
169	20ESKIT041	harshit gupta	IT
170	20ESKIT007	Akshat Jaiman	IT
171	20ESKIT038	GIRITRA SARASWAT	IT
172	20ESKEC067	Lakshya verma	ECE
173	20ESKEC074	Mohit Yadav	ECE
174	20ESKEC123	Vipasha goyal	ECE
175	20ESKEC122	Vaibhav Kunal	ECE
176	20ESKEC090	Prajjawal nirvan	ECE
177	20ESKEE144	Tushar Soni	ECE
178	20ESKEC112	Sooraj pachouri	ECE
179	20ESKEC070	Manan Sharma	ECE
180	20ESKEE150	VINAY YADAV	ECE
181	20ESKEC072	Megha Jangid	ECE
182	20ESKEC108	Saransh sharma	ECE
183	20ESKEC109	Shikha kumari	ECE
184	20ESKEC100	Ritu Yadav	ECE
185	20ESKEC113	Sunil kumawat	ECE
186	20ESKEC111	Siddharth choabey	ECE
187	20ESKEC088	Prachi Dhiliwal	ECE

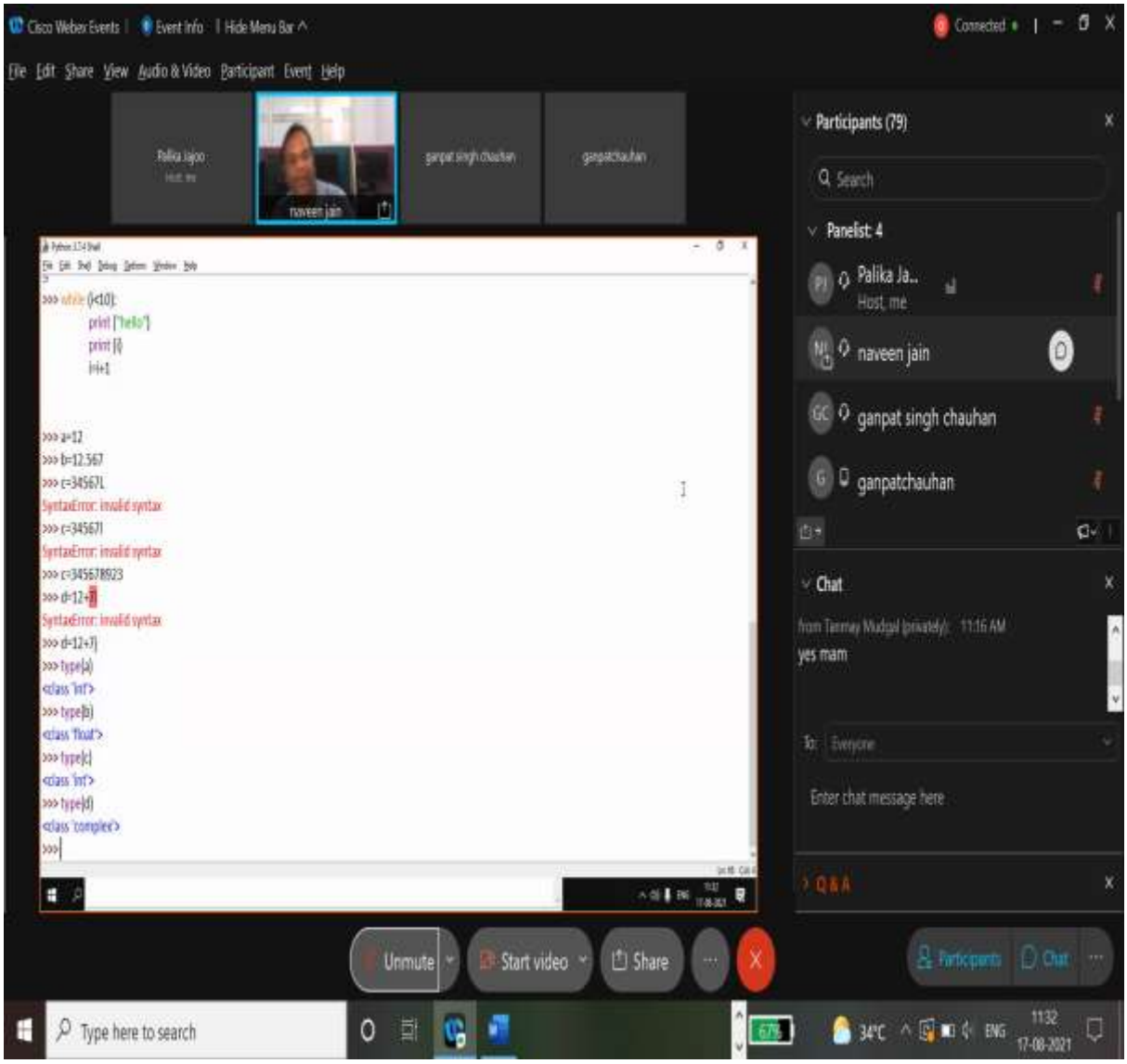
188	20ESKEC006	Abhishek Sharma	ECE
189	20ESKEC033	Chirayu Jain	ECE
190	20ESKEC087	Pawani Bhardwaj	ECE
191	20ESKEE118	Sakshi jain	ECE

GLIMPSESOF EVENT

Workshop Inaugural

TECHNICAL SESSIONS

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ganpat singh chauhan
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Search
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Host, me
naveen jain
ganpat singh chauhan
ganpatchauhan
Chat
from Tanmay Mudgal (privately): 11:16 AM
yes mam
To: Everyone
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Q&A
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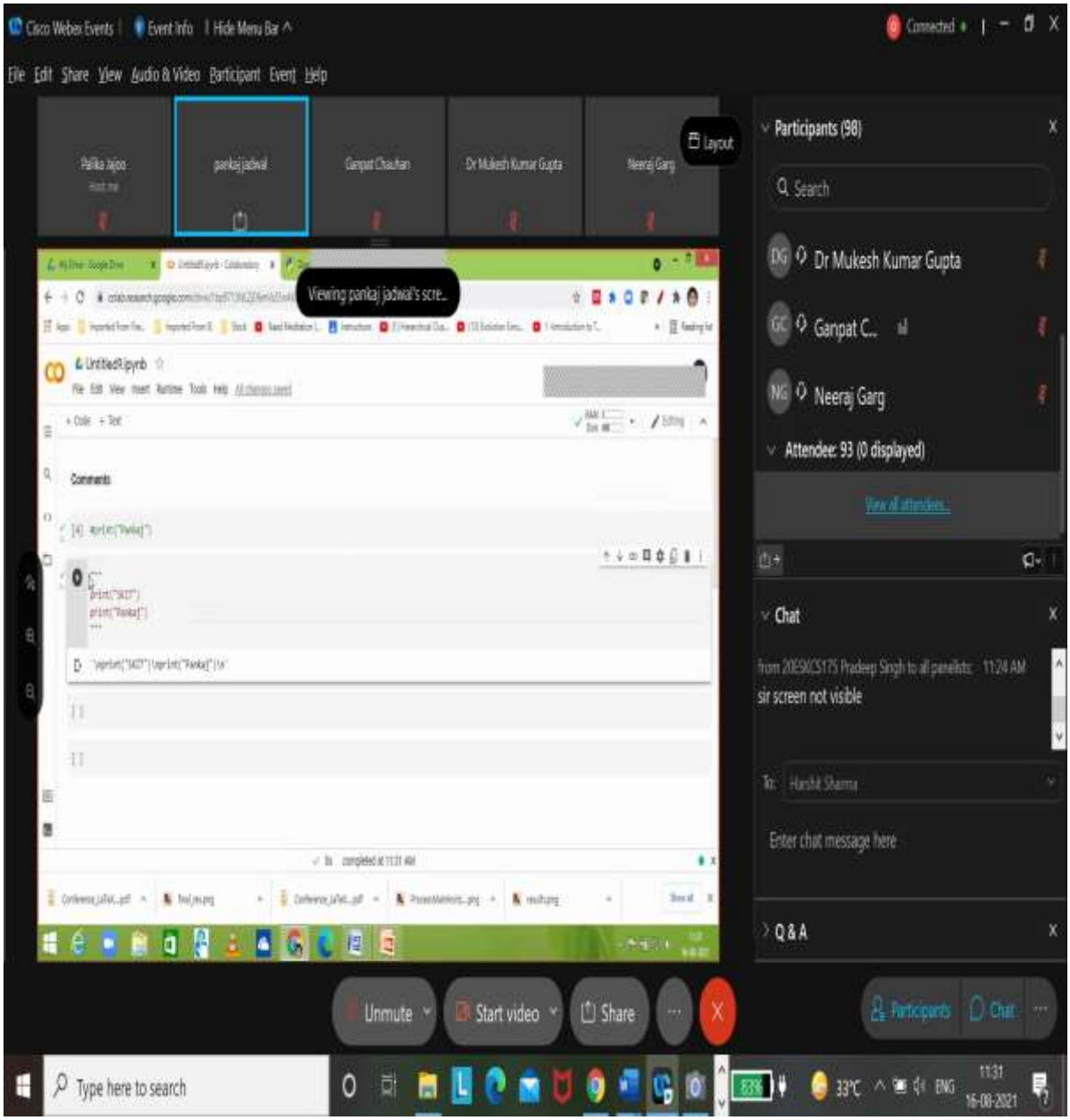
17-08-2021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pankaj jadwal
Ganpat Chauhan
Dr Mukesh Kumar Gupta
Neeraj Garg
Layout
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Participants (98)
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Dr Mukesh Kumar Gupta
Ganpat C...
Neeraj Garg
Attendee: 93 (0 displayed)
View all attendees
Chat
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sir screen not visible
To: Harshit Sharma
Enter chat message here
Q&A
Unmute
Start video
Share
Participants
Chat
Type here to search
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11:31
16-08-2021

MEDIA COVERAGE

एसकेआईटी मे प्रथम वर्ष के स्टूडेंट्स के लिए छः दिवसीय ऑनलाइन 'स्टूडेंट वर्कशॉप' का शुभारम्भ

P3 Police Public Politics

जयपुर ! स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी) रामनगरिया, जगतपुरा, जयपुर में सोमवार, 16, अगस्त 2021 को मैकेनिकल इंजीनियरिंग डिपार्टमेंट व कंप्यूटर साइंस और आईटी डिपार्टमेंट के द्वारा प्रथम वर्ष के स्टूडेंट्स के लिए छः दिवसीय ऑनलाइन 'स्टूडेंट वर्कशॉप% का शुभारम्भ हुआ। जिसका विषय 'इंट्रोडक्शन टू कैड एंड इट्स एप्लीकेशंस% व ÷ प्रोग्रामिंग इन पाईथन÷ था। इस अवसर पर डॉ. धीरज जोशी, विभागाध्यक्ष, (मैकेनिकल इंजीनियरिंग, एसकेआईटी) ने सभी आगंतुकों का ऑनलाइन प्लेटफार्म पर स्वागत किया और कैड के बहुआयामी अनुप्रयोगों पर प्रकाश डाला । कंप्यूटर डिपार्टमेंट के विभागाद्यक्ष डॉ मुकेश कुमार गुप्ता ने वर्तमान परिपेक्ष में पाईथन के महत्व से छात्रों को अवगत कराया ढ्ढ इस कार्यशाला में प्रो रोहित मुखर्जी इंचार्ज बीटेक फर्स्ट इयर ने धन्यवाद ज्ञापित किया ढ्ढ इस कार्यशाला का संचालन असिस्टेंट प्रोफेसर गनपत सिंह चौहान , नीरज गर्ग , पालिका जाजू , मैकेनिकल इंजीनियरिंग डिपार्टमेंट के असिस्टेंट प्रोफेसर अरुण बेनीवाल और असिस्टेंट प्रोफेसर संजय बैरवा ने किया।

7. Q.2 Which of the following is TRUE about the keywords in Python? * 2 points

Mark only one oval.

6. Q.1 Which of the following is not a valid naming convention for variables in Python? * 2 points

Mark only one oval.

- Variable name should be short and descriptive
- Variable can be named alphanumerically
- Variable name should not contain any special characters except underscore
- The name must start with a number

7. Q.2

6. Q.1 Which of the following is not a valid naming convention for variables in Python? * 2 points

Mark only one oval.

- Variable name should be short and descriptive
- Variable can be named alphanumerically
- Variable name should not contain any special characters except underscore
- The name must start with a number

8. Q.3

7. Q.2 Which of the following is TRUE about the keywords in Python? * 2 points

Mark only one oval.

- All the Python keywords except True, False and None are in lowercase and they must be written as they are
- All the Python keywords are in lowercase
- All the Python keywords are in uppercase
- All the Python keywords are Capitalized

8. Q.3 Which of the following is not accepted as a representation of complex numbers in Python? 2 points

Mark only one oval.

- k = 2 + 3j
- k = complex(2, 3)
- k = 2 + 3l
- Option 4 k = 2 + 3J

PYTHON QUIZ RESULT

S.N.	RTU RollNo.	Student Name	Total score	Branch/Specialization
1	20ESKCA039	Laxita singh	36.00 / 50	AI
2	20ESKCA069	Yash Achra	28.00 / 50	AI
3	20ESKCA013	Bhavya Sharma	48.00 / 50	AI
4	20ESKCA010	Bajrang singh shekhawat	50.00 / 50	AI
5	20ESKCA046	Prafull Bhargava	32.00 / 50	AI
6	20ESKCA038	Lavanya Talwar	40.00 / 50	AI
7	20ESKCA016	Chinmay gupta	36.00 / 50	AI
8	20ESKCA055	Shubhiksha khandelwal	42.00 / 50	AI
9	20ESKCA062	Tanisha choudhary	50.00 / 50	AI
10	20ESKCA008	Atul Pancharia	38.00 / 50	AI
11	20ESKCA018	Dhairya Gupta	44.00 / 50	AI
12	20ESSKCA006	Amar Pratap Singh	38.00 / 50	AI
13	20ESKCA028	Harshita Paliwal	50.00 / 50	AI

14	20ESKCA001	Aayushi Sharma	50.00 / 50	AI
15	20ESKCA011	Bhanupriya Panwar	42.00 / 50	AI
16	20ESKCA033	Kartikeya Dixit	48.00 / 50	AI
17	20ESKCA063	Tarun Jain	48.00 / 50	AI
18	20ESKCA058	SUKHLEEN SINGH	48.00 / 50	AI
19	20ESKCA054	SHRAY MATHUR	50.00 / 50	AI
20	20ESKCA068	Vedant Kalia	46.00 / 50	AI
21	20ESKCA024	Harsh kumawat	50.00 / 50	AI
22	20ESKCA042	Mihir pandiya	50.00 / 50	AI
23	20ESKCA025	Harshil Sodani	50.00 / 50	AI
24	20ESKCA009	Ayush Singh Tomar	50.00 / 50	AI
25	20ESKCA049	Raksha Modi	38.00 / 50	AI
26	20ESKCA030	Jyoti Agrawal	48.00 / 50	AI
27	20ESKCA064	Tisha Gupta	46.00 / 50	AI
28	20ESKCA029	Isha Tripathi	46.00 / 50	AI
29	20ESKCA053	Shilpi Shukla	46.00 / 50	AI
30	20ESKCS830	Shagun Agarwal	32.00 / 50	CSE

31	20ESKCS856	Tanmay Mudgal	44.00 / 50	CSE
32	20ESKCS811	Ritika Singh	32.00 / 50	CSE
33	20ESKCS008	Aditi Agarwal	34.00 / 50	CSE
34	20ESKCS832	Shashank Purohit	42.00 / 50	CSE
35	20ESKCS023	Akshi Jain	34.00 / 50	CSE
36	20ESKCS160	Nikita Gupta	44.00 / 50	CSE
37	20ESKCS157	Nicky Lakhisarani	44.00 / 50	CSE
38	20ESKCS822	Sanjana Saxena	20.00 / 50	CSE
39	20ESKCS849	SONU KUMAR	40.00 / 50	CSE
40	20ESKCS864	Umang Mathur	50.00 / 50	CSE
41	20ESKCS871	Vipul Kaushik	36.00 / 50	CSE
42	20ESKCS118	Kartikey Sharma	46.00 / 50	CSE
43	20ESKCS848	Sonia Devi	40.00 / 50	CSE
44	20ESKCS867	Vaibhav sahu	44.00 / 50	CSE
45	20ESKCS845	Simmi Jain	40.00 / 50	CSE
46	20ESKCS843	SIDDARTH AGARWAL	42.00 / 50	CSE
47	20ESKCS865	Unnati Sharma	32.00 / 50	CSE

48	20ESKCS882	YUVRAJ KISHAN SHARMA	46.00 / 50	CSE
49	20ESKCS021	Akshat Sharma	38.00 / 50	CSE
50	20ESKCS135	Lakshay dadhich	36.00 / 50	CSE
51	20ESKCS875	Vishal singh chouhan	44.00 / 50	CSE
52	20ESKCS857	Tanya Verma	50.00 / 50	CSE
53	20ESKCS085	DIVYANSH JAITLIA	26.00 / 50	CSE
54	20ESKCS821	Sanidhya Bhardwaj	50.00 / 50	CSE
55	20ESKCS828	Satyam Sharma	34.00 / 50	CSE
56	20ESKCS016	Akhilesh chaturvedi	46.00 / 50	CSE
57	20ESKCS150	MuditChoudhary	24.00 / 50	CSE
58	20ESKCS837	SHIVAM SINGHAL	50.00 / 50	CSE
59	20ESKCS166	NITYA SINGH	40.00 / 50	CSE
60	20ESKCS802	Rahul Jain	30.00 / 50	CSE
61	20ESKCS883	Yuvraj Singh Naruka	50.00 / 50	CSE
62	20ESKCS121	Keshav Pareek	44.00 / 50	CSE
63	20ESKCS183	Pratiksha Sharma	42.00 / 50	CSE
64	20ESKCS199	Purvi Harpalani	48.00 / 50	CSE

65	20ESKCS847	8787098464	16.00 / 50	CSE
66	20ESKCS095	Hari kumar addania	44.00 / 50	CSE
67	20ESKCS852	Tamanna Sharma	30.00 / 50	CSE
68	20ESKCS878	Vivek panwar	50.00 / 50	CSE
69	20ESKCS158	Nidhi Yadav	38.00 / 50	CSE
70	20ESKCS191	Priyal Khandelwal	44.00 / 50	CSE
71	20ESKCS050	Ashwin Gupta	46.00 / 50	CSE
72	20ESKCS098	Harsh soni	44.00 / 50	CSE
73	20ESKCS048	Ashu Agarwal	42.00 / 50	CSE
74	20ESKCS175	Pradeep Singh	44.00 / 50	CSE
75	20ESKCS027	Aman bhargava	50.00 / 50	CSE
76	20ESKCS880	Yash Jain	40.00 / 50	CSE
77	20ESKCS029 b	Ananya Mathur	44.00 / 50	CSE
78	20ESKCS868	Vikas Singh Khinchi	50.00 / 50	CSE
79	20ESKCS872	Vishal Katariya	42.00 / 50	CSE
80	20ESKCS812	Ritin Agarwal	46.00 / 50	CSE
81	20ESKCS010	Aditi Sharma	44.00 / 50	CSE

82	20ESKCS057	Ayush Soni	44.00 / 50	CSE
83	20ESKCS022	Akshat Surana	48.00 / 50	CSE
84	20ESKEC088	Prachi Dhiliwal	42.00 / 50	ECE
85	20ESKEC067	Lakshya Verma	46.00 / 50	ECE
86	20ESKEC111	siddharth choabey	40.00 / 50	ECE
87	20ESKEE078	Naman Jain	50.00 / 50	ECE
88	20ESKEC006	Abhishek Sharma	50.00 / 50	ECE
89	20ESKEC033	Chirayu Jain	50.00 / 50	ECE
90	20ESKEC087	Pawani Bhardwaj	50.00 / 50	ECE
91	20ESKEC051	Jamuna jangid	44.00 / 50	ECE
92	20ESKEC036	Dhiraj kumar	40.00 / 50	ECE
93	20ESKEC080	Navneet kumar	42.00 / 50	ECE
94	20ESKIT005	Aditya Agarwal	40.00 / 50	IT
95	20ESKIT102	Ujjwal Mantri	42.00 / 50	IT
96	20ESKIT068	Navneet tanwar	32.00 / 50	IT
97	20ESKIT026	Badal Singh Rathore	34.00 / 50	IT
98	20ESKIT014	Ankit Sharma	40.00 / 50	IT

99	20ESKIT054	Kirti Jaiswal	42.00 / 50	IT
100	20ESKIT043	Harshit Sharma	30.00 / 50	IT
101	20ESKIT025	Ayushi Agrawal	46.00 / 50	IT
102	20ESKIT070	Nilesh Suthar	48.00 / 50	IT
103	20ESKIT085	Rudraksh Agarwal	50.00 / 50	IT
104	20ESKIT041	harshit gupta	34.00 / 50	IT
105	20ESKIT023	Ayush Ranjan	18.00 / 50	IT
106	19ESKIT044	Komal soni	50.00 / 50	IT
107	B200730@skit.ac .in	Aditya shri shri mal	48.00 / 50	IT
108	20ESKIT082	Rishi jain	42.00 / 50	IT
109	20ESKIT021	ASHVANI KHANDELWAL	48.00 / 50	IT
110	20ESKIT059	Manan Sharma	50.00 / 50	IT

PYTHON PROGRAMMING ASSESSMENT

Note: Attempt any five Questions from Q1-Q7. Q8-Q10 is compulsory.

Q.1 Write a python program to design a calculator by making function of add, subtract, multiply and divide operation.

Q.2 Write a python program to reverse elements of a string (with and without using **reverse**() method) and find that the string is palindrome or not.

Note: you can't use any alternative string to reverse the string.

Q.3 Write Python program

(i) to count the number of occurrences of every element of a given list.

(ii) to delete all the duplicates from the given list

Q.4 Write a Python program

(i) to read the content of a file

(ii) tokenize each line based on white spaces

(iii) store each token in a tuple

(iv) display all the elements of a tuple (using loop)

Q.5 Write a Python program to find that a given element is available in list or not (using a function)

Q.6 Write a Python program to generate the next 15 leap years starting from a given year. Populate the years into a list and display the list.

Q.7 Write a Python program to check the validity of an email-Id (using regular expression)

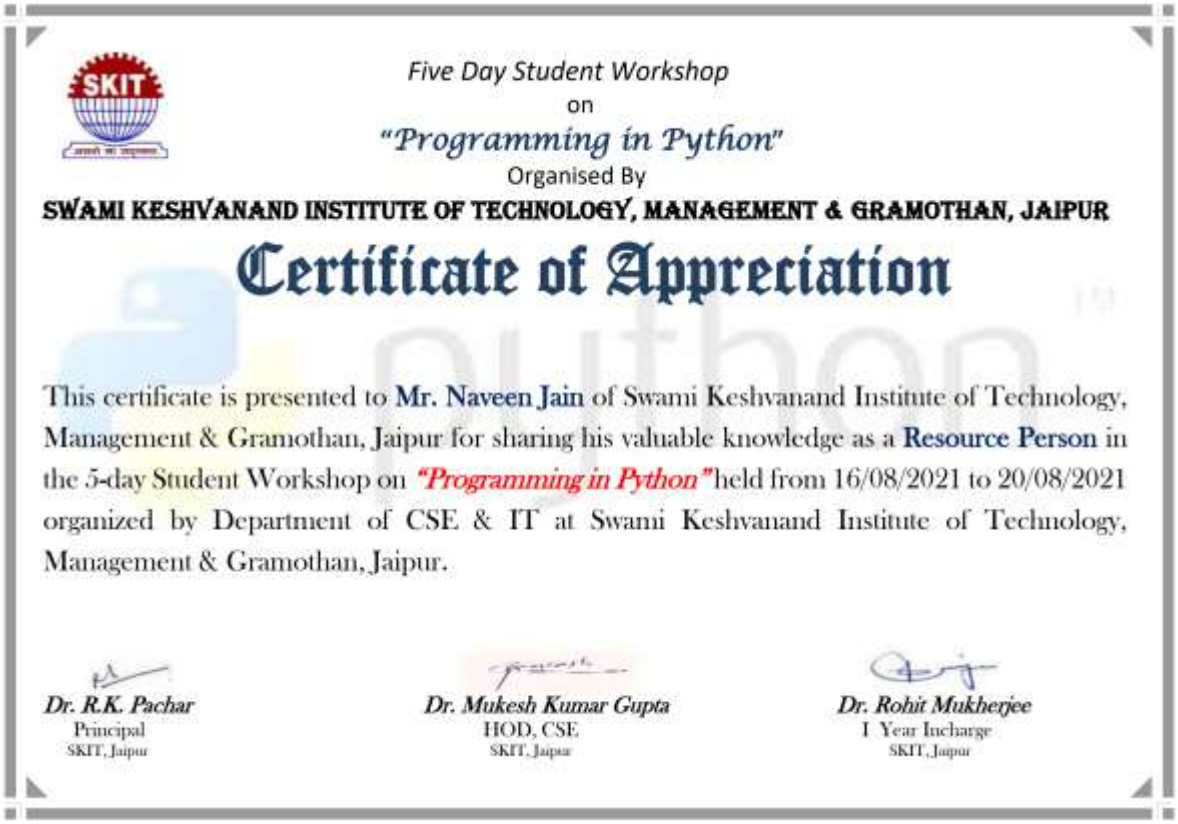
Q.8 Compare List, Tuple and Set in Python with examples.

Q.9 Differentiate match(), search() and findall() in writing python regular expression with examples.

Q.10 Explain IN and IS operators with an example.

SAMPLE CERTIFICATE

OF RESOURCE PERSON



Five Day Student Workshop

on

"Programming in Python"

Organised By

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR

Certificate of Appreciation

This certificate is presented to Mr. Naveen Jain of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur for sharing his valuable knowledge as a Resource Person in the 5-day Student Workshop on "Programming in Python" held from 16/08/2021 to 20/08/2021 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

Dr. R.K. Pachar
Principal
SKIT, Jaipur

Dr. Mukesh Kumar Gupta
HOD, CSE
SKIT, Jaipur

Dr. Rohit Mukherjee
I Year Incharge
SKIT, Jaipur

SAMPLE CERTIFICATE

OF PARTICIPANTS

Five Day Student Workshop

on

"Programming in Python"

Organised By

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Certificate of Participation

This is to certify that Aayush Sharma of SKIT has participated in the 5-day Student Workshop on "Programming in Python" held from 16/08/2021 to 20/08/2021 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

Dr. Mukesh Kumar Gupta
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Dr. Rohit Mukherjee
I Year Incharge
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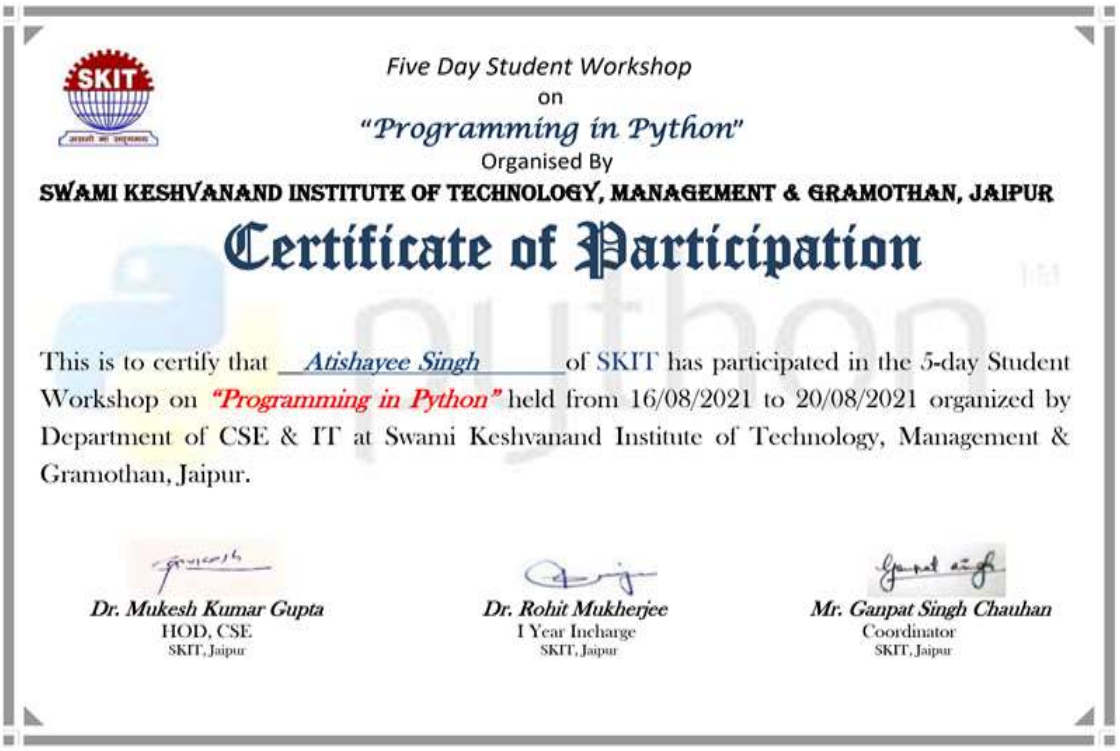
Ms. Palika Jajoo
Coordinator
SKIT, Jaipur



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This is to certify that Atishayee Singh of SKIT has participated in the 5-day Student Workshop on "Programming in Python" held from 16/08/2021 to 20/08/2021 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

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Dr. Rohit Mukherjee
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Mr. Ganpat Singh Chauhan
Coordinator
SKIT, Jaipur

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This is to certify that Hardik Patel of SKIT has participated in the 5-day Student Workshop on "Programming in Python" held from 16/08/2021 to 20/08/2021 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

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HOD, CSE
SKIT, Jaipur

Dr. Rohit Mukherjee
I Year Incharge
SKIT, Jaipur

Mr. Neeraj Garg
Coordinator
SKIT, Jaipur

ACKNOWLEDGEMENT

We express our heartiest and sincere thanks to our Management, Member of Advisory Committee, Members of Organising Committee and all the Technical experts for their support to make this student workshop a success.

The main objective of organizing the workshop was fully achieved with valuable & prolific technical discourses. The students of B.Tech. I year are benefited with informative contents on Python Programming presented during the workshop.

We wish to seek your kind support in another academic endeavour of the department in times ahead. We are committed to bring glory to the name of SKIT.

Thanks & Regards

Mr. Ganpat Singh Chauhan, Assistant Professor, Department of CSE, SKIT, Jaipur
Mr. Neeraj Garg, Assistant Professor, Department of CSE, SKIT, Jaipur
Ms. Palika Jajoo, Assistant Professor, Department of CSE, SKIT, Jaipur