

A

Report on
Student Workshop on “Introduction to Python
Programming”

(27-29 January, 2022)



Organized by
Department of Mechanical Engineering
e-Yantra lab, SKIT and IETE student chapter
Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur

**Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur**

Department of Mechanical Engineering

Department of Mechanical Engineering, association with e-Yantra lab, SKIT & IETE student chapter, SKIT is organizing three days student workshop on "Introduction to Python Programming" from 27-29 January, 2022 in online mode. This workshop is very helpful for all branch students to learn python from scratch to application.

The event and budget have already approved by the management. The approval document is attached herewith this note.

The details of workshop are as follows:

Event name: Student workshop on Introduction to Python Programming

Target audience: I year & II year (all branch)

Dates: 27-29 January, 2022

Online platform: Webex system

Organizing committee:

Dr. Manoj Kumar Sain

Dr. Achin Srivastav

Mr. Praveen Saraswat

Dr. Chandan Kumar

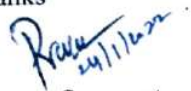
Mr. Ankit Agarwal


Mr. Ankit Vijayvargiya

The technical sessions of workshop will be provided by the experts.

Kindly approved the workshop.

Thanks


Praveen Saraswat
Coordinator
e-Yantra lab, SKIT


Dr. Dheeraj Joshi
Head, Deptt. of Mech. Engg.

may be permitted &
forwarded for consideration
for payment.

Poster of FIP



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur**

Department of Mechanical Engineering

in association with

E-Yantra Lab, SKIT and

IETE Student Forum (SKIT- ISF)

Organizes

Student Workshop

on

Introduction to Python Programming

(27-01-2022 to 29-01-2022)

Platform: Online (via Webex)

Topics

- **Basics of Python**
- **Importance and Application of Python**
- **Hands-on Sessions on Python Programming**
- **Minor Project on Python Programming**

Speakers: Eminent Speakers from reputed Institute/Organization

Faculty Coordinators

Dr. Manoj Kumar Sain (ME)

Dr. Achin Srivastav (ME)

Mr. Praveen Saraswat(ME)

Dr. Chandan Kumar (ME)

Mr. Ankit Agarwal (ECE)

Mr. Ankit Vijayvargiya(EE)

Ms. Namita Soni (ME)

For Registration: **<https://forms.gle/eK6UnnFk2RA651NL7>**

For more Information mail us to **eyantra@skit.ac.in**

or Contact on **+91-9785018458**

About Workshop

Introduction:

A Three days Student Workshop on “Introduction to Python Programming” which is jointly organized by Department of Mechanical Engineering, E-yantra Lab, and IETE Student Forum, SKIT from 27-29 January 2022 in the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur. The workshop had the prime objective to introduce the concept and techniques of Python Programming which was successfully met by the informative lecture of the Experts.

Python, one of the most popular programming languages in the world, has created everything from Netflix’s recommendation algorithm to the software that controls self-driving cars. Python is a general-purpose language, which means it’s designed to be used in a range of applications, including data science, software and web development, automation, and generally getting stuff done.

Objectives of workshop:

Some other specific objectives which were targeted in this Workshop were:

- To acquaint participants with Python Programming.
- To provide an exposure to Python libraries.
- To impart the basic knowledge of Python.
- To provide hands-on-experience to Python Programming.

Outcomes of Workshop:

Students will be able to:

1. Understand the importance and application of python programming
2. Explain the basics of python programming
3. Develop the programs based on python language

No. of Participants – 209

Brief Profiles of Speaker



Mr. Aryan Singh
Chief Technology Officer (CTO)
TensaX Innovation Lab, Jaipur

- Mr. Aryan is tech-entrepreneur and developer of decentralized artificial intelligence applications. He involved in multiple R&D projects in the field of artificial intelligence, machine learning and blockchain etc.
- He attended a precollegiate program on general studies including computer science, Cryptography and Biotechnology in 2017 at Stanford University. He also participates in Entrepreneurship program at Massachusetts Institute of Technology in 2018.
- He is Head planner of Sunday Pathshaala an initiative of easytech.org to educate the underprivileged children in rural parts of India and Africa.
- Mr. Aryan is also a co-founder of "Smart Medicine Hub". This is a MIT LaunchX startup at Boston, USA. He writes a book titled "Artificial Intelligence & Beyond" in 2018.

S. No.	Name of Resource Person	Designation	Organization
1	Mr. Aryan Singh	Chief Technology Officer	TensaX Innovation Lab Jaipur
2	Dr. Vishu Gupta	Head of Research	TensaX Innovation Lab Jaipur
3	Mr. Ayush Swami	Trainer	TensaX Innovation Lab Jaipur

Schedule of Workshop

**Swami Keshvanand Institute of Technology, Management
& Gramothan, Jaipur**

Department of Mechanical Engineering

&

e-Yantra lab, SKIT and IETE student chapter

Student Workshop on “Introduction to Python Programming”

27-29 January, 2022

Schedule of Workshop

Dates	Session-I (9:30 AM- 11:00 AM)		Session-II (12:00 PM-1:30 PM)
27/1/2022 (Day-1)	Inauguration (9:00 - 9:30 AM)	• Introduction to fundamentals of programming	• Live online coding learning session
28/1/2022 (Day-2)	• Introduction to Arduino and Raspberry Pi		• Live online coding learning session
29/1/2022 (Day-3)	• Introductions to fundamentals of Artificial Intelligence and Machine Learning		• Live online coding learning session

Joining Links (Password: 1234)

Day-1:

<https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e037ed8af4052d7d39889d5c4705901ef>

Day-2:

<https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e8c928ea3684ccdce884fad9d8c734b0>

Day-3:

<https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=eeb42eaa2beffd83ac3b5e69f8d1b63e1>

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Inaugural Program



**Swami Keshvanand Institute of Technology Management &
Gramothan, Jaipur**

**Student Workshop
on
“Introduction to Python Programming”
(27-29 January, 2022)**

Organized by
**Department of Mechanical Engineering
&
e-Yantra lab, SKIT and IETE student chapter**

Invitation for
Inaugural Session
(27 January, 2022 at 9:00 a.m. onwards)

(Minute to Minute Program)

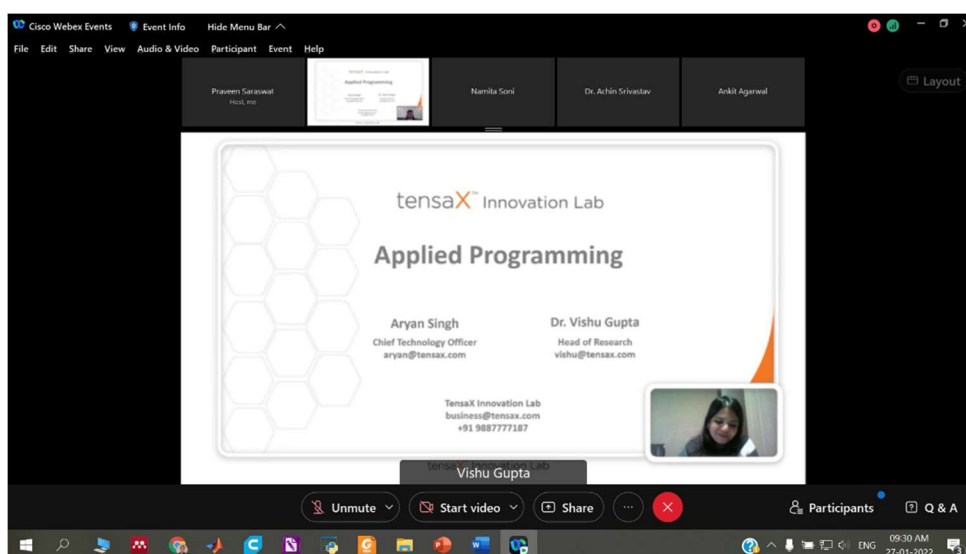
Event Description	Duration
Introduction	2 Minutes
Welcome Address <i>Prof. Dheeraj Joshi, Head ME, SKIT</i>	5 Minutes
About workshop <i>Dr. Achin Srivastav, Workshop Coordinator, SKIT</i>	5 Minutes
Address by the Guest <i>Mr. Aryan Singh Chief Technology Officer (CTO) TensaX Innovation Lab, Jaipur</i>	10 Minutes
Vote of Thanks <i>Dr. Chandan Kumar, Workshop Coordinator, SKIT</i>	3 Minutes

Inauguration of Workshop

The inaugural ceremony of three days online Student Workshop on “Introduction to python programming” organized by the Department of Mechanical Engineering in association with E-Yantra lab SKIT and IETE Student Forum, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur was held on Wednesday, 27th January, 2022. Prof. Dheeraj Joshi, Head, Mechanical Engineering addressed the workshop by welcoming all the guests, speakers and participants.

Dr. Achin Srivastav, Workshop Coordinator, highlighted the brief introduction about the workshop and its contents. More than 600 students have registered for this workshop all over the country. Mr. Aryan Singh, CTO, TensaX Innovation lab, Jaipur was the Guest of the program. He discussed the importance the python programming in career of students. He also explained about the application part of pyhton programming in block chain, artificial intelligence and data analytics areas.

In the end, Mr. Praveen Saraswat, Associate Professor gave the vote of thanks to guest and participants. The session was anchored by Ms. Namita Soni and Mr. Ankit Agarwal.



Day-1 Sessions

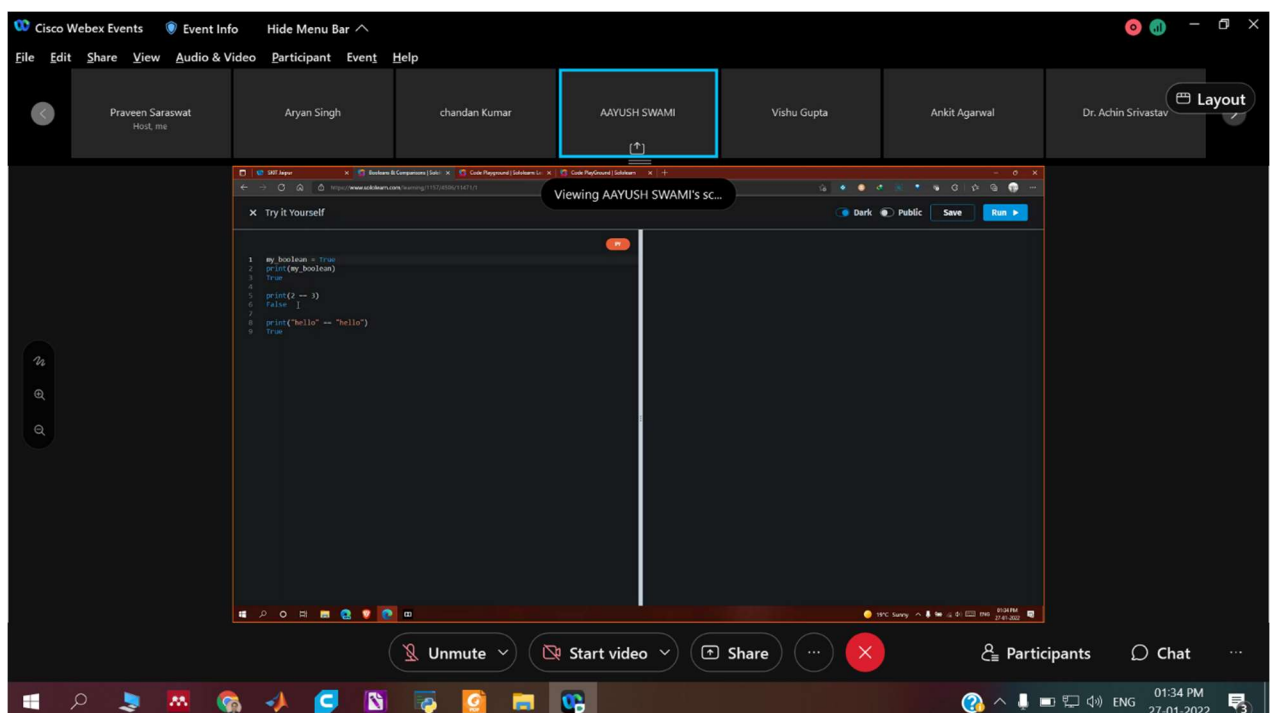
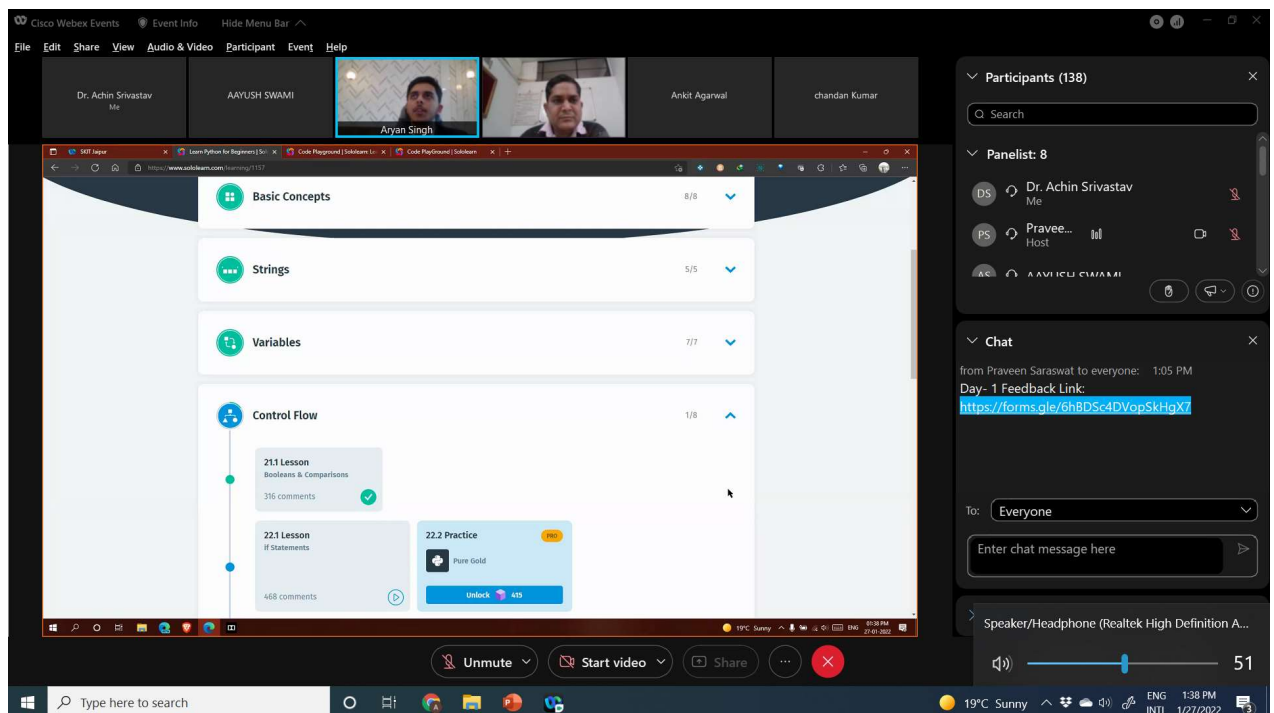
In the first session, Mr. Aryan Singh introduced the fundamentals of Python on the first day as it built a foundation to learn and understand Python. Dr. Vishu Gupta explained the relevance and applications of Python. Mr. Praveen Saraswat handled the queries of participants and delivered the vote of thanks.

The screenshot shows a Cisco Webex Event interface. The main presentation slide is titled "Where is it applied?" and features a central graphic with eight orange hexagonal icons arranged in a circle. Each icon represents a different application of Python: Website Development, Data Management, Security, Office Tasks, Client Management, Data Analysis, Energy Management, and Automation. Below the icons, the date "16 27 January 2022" is visible. The presenter's name, "Aryan Singh", is displayed at the bottom of the slide. The Webex interface includes a top menu bar with options like File, Edit, Share, View, Audio & Video, Participant, Event, and Help. On the right side, there is a "Participants (179)" panel with a search bar and a list of participants, including Dr. Achin Srivastav and Praveen Host. Below the participants list is a "Q & A" section with a search bar and a list of questions. The bottom of the interface shows a Windows taskbar with the search bar and system tray icons.

The screenshot shows a Cisco Webex Event interface. The main presentation slide is titled "2019 sees record funding to AI startups at \$26.6B". It features a bar chart showing the "Amount of funding (\$B)" on the left y-axis and the "Number of deals" on the right y-axis. The x-axis represents the years from 2014 to 2019. The funding amounts are: 2014 (\$450B), 2015 (\$600B), 2016 (\$700B), 2017 (\$1014B), 2018 (\$1140B), and 2019 (\$2660B). The number of deals are: 2014 (581), 2015 (805), 2016 (1135), 2017 (1711), 2018 (2248), and 2019 (2735). The presenter's name, "Aryan Singh", is displayed at the bottom of the slide. The Webex interface includes a top menu bar with options like File, Edit, Share, View, Audio & Video, Participant, Event, and Help. On the right side, there is a "Participants (177)" panel with a search bar and a list of participants, including Aryan Singh, Ankit Agarwal, Namita Soni, and Vishu Gupta. Below the participants list is a "Q & A" section with a search bar and a list of questions. The bottom of the interface shows a Windows taskbar with the search bar and system tray icons.

In the second session Mr. Ayush Swami conducted an online hand on experience session for participants. In this session basic concepts, strings, variables, control flow, operators used in python are demonstrated. Mr. Aryan Singh answered the queries of participants. Mr. Praveen

Saraswat act as a moderator and handled Questions & Answer session and delivered the vote of thanks.



Day-2 Sessions

On the second day first session, Dr. Vishu Gupta explained the Microcontroller, Sensors and the difference between the Analog and Digital. Mr. Aryan Singh introduced the concept of the Arduino, Raspberry Pi, datatypes and operators used for Arduino, discussed the difference between Arduino and Raspberry Pi, relevance and applications of Arduino and Raspberry Pi. Later Dr. Vishu Gupta deliberated on 3D Printing and its applications. Dr. Chandan Kumar handled the queries of participants and delivered the vote of thanks.

The screenshot shows a Cisco Webex Event interface. The top bar includes 'Cisco Webex Events', 'Event Info', and a 'Hide Menu Bar' option. Below this is a menu with 'File', 'Edit', 'Share', 'View', 'Audio & Video', 'Participant', 'Event', and 'Help'. The main content area displays a slide titled 'What we are going to do today!' with a list of topics: Introduction, Arduino, Raspberry Pi, and 3D printing. The date '3 28 January 2022' is shown at the bottom left of the slide. On the right side, there is a 'Participants (72)' panel with a search bar and a list of participants: Dr. Achin Srivastav (Me), Praveen ... (Host), Vishu Gupta, Ankit Agarwal, Aryan Singh, and chandan Kumar. Below the participants list, it says 'Attendee: 66 (0 dis...)'. At the bottom of the interface, there are controls for 'Unmute', 'Start video', and 'Share'. The system tray at the very bottom shows the Windows search bar, taskbar icons, and system status including '13°C Cloudy', 'ENG INTL', and '9:35 AM 1/28/2022'.

The screenshot shows a Cisco Webex Event interface with a slide titled 'Arduino'. The slide lists the following features:

- Microcontroller board with
 - On-Board power supply
 - USB Port
 - Atmel microcontroller chip
- Standard Board to connect to the system and can be programmed!
- No separate PCB design needed
- Open Source Hardware


Below the text, there are images of six different Arduino boards: UNO, Mega, LilyPad, Arduino BT, Arduino Nano, and Arduino Mini. The date '9 28 January 2022' is shown at the bottom left of the slide. On the right side, the 'Participants (101)' panel is visible, showing the same list of participants as the previous screenshot. Below the participants list, it says 'Attendee: 95 (0 dis...)'. At the bottom of the interface, there are controls for 'Unmute', 'Start video', and 'Share'. The system tray at the very bottom shows the Windows search bar, taskbar icons, and system status including '13°C Cloudy', 'ENG INTL', and '9:47 AM 1/28/2022'.

Cisco Webex Events Event Info Hide Menu Bar


File Edit Share View Audio & Video Participant Event Help

Dr. Achin Srivastav Me Ankit Agarwal chandan Kumar Praveen Saraswat Host Vishu Gupta

Microcontroller



It is a micro-computer. As any computer it has internal CPU, RAM, IOs interface. It is used for control purposes, and for data analysis.



Famous microcontroller manufacturers are MicroChip, Atmel, Intel, Analog devices, and more. [\[list\]](#)

5 28 January 2022

TensaX Innovation Lab
business@tensax.com
+91 9887777187

Unmute Start video Share

Participants (84)

Search

Panelist: 6

- DS Dr. Achin Srivastav Me
- PS Praveen ... Host
- VC Vishu Gupta
- AA Ankit Agarwal
- AS Aryan Singh
- CK chandan Kumar

Attendee: 78 (0 dis... [View all attendees...](#))

Speaker/Headphone (Realtek High Definition A...

21

13°C Cloudy 9:38 AM INTL 1/28/2022

Cisco Webex Events Event Info Hide Menu Bar

File Edit Share View Audio & Video Participant Event Help

Praveen Saraswat Host, me Vishu Gupta Ankit Agarwal chandan Kumar

Statement and Operators

Statement represents a command, it ends with ;

Ex:

```
int x;
x=13;
```

Operators are symbols that used to indicate a specific function:

- Math operators: `[+, -, *, /, %, ^]`
- Logic operators: `[==, !=, &&, ||]`
- Comparison operators: `[==, >, <, !=, <=, >=]`

Syntax:

```
; Semicolon, {} curly braces, //single line
comment, /*Multi-line comments*/
```

Compound Operators:

- `++` (increment)
- `--` (decrement)
- `+=` (compound addition)
- `-=` (compound subtraction)
- `*=` (compound multiplication)
- `/=` (compound division)

12 28 January 2022

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Unmute Start video Share

Participants (107)

Search

Panelist: 6

- PS Prave... Host, me
- VC Vishu Gupta
- AA Ankit Agarwal
- AS Aryan Singh
- CK chandan Kumar
- DS Dr. Achin Srivastav

Attendee: 101 (0 dis... [View all attendees...](#))

Participants Chat

09:52 AM 28-01-2022

In the second session Aayush Swami conducted an online hand on experience session for participants. In this session Boolean operators, if, else, elseif, if else if statements, for and while control loops that are used in python are demonstrated. Mr. Aryan Singh answered the queries of participants. Mr. Ankit Agarwal act as a moderator and handled Questions & Answer session and delivered the vote of thanks.

Cisco Webex Events Event Info Hide Menu Bar

File Edit Share View Audio & Video Participant Event Help

Praveen Saraswat Aryan Singh Ankit Agarwal **AAYUSH SWAMI** Vishu Gupta chandan Kumar

Layout

Viewing AAYUSH SWAMI's a...

Try It Yourself

```

1 print(1 == 1 and 2 == 2)
2 True
3 print(1 == 1 and 2 == 3)
4 False
5 print(1 == 1 and 2 == 2)
6 True
7 print(2 == 1 and 3 == 0)
8 False

```

True
False
False
False

Unmute Start video Share

Participants Chat

12:40 PM 28-01-2022

Cisco Webex Events Event Info Hide Menu Bar

File Edit Share View Audio & Video Participant Event Help

Praveen Saraswat Aryan Singh Ankit Agarwal **AAYUSH SWAMI** Vishu Gupta chandan Kumar

Layout

Viewing AAYUSH SWAMI's a...

Boolean Logic

What's the result of this code?

```

if (1 == 1 and 2 == 2):
    print("True")
else:
    print("False")

```

True False
False
True

Back Check

Unmute Start video Share

Participants Chat

12:40 PM 28-01-2022

Cisco Webex Events Event Info Hide Menu Bar

File Edit Share View Audio & Video Participant Event Help

Praveen Saraswat Aryan Singh Ankit Agarwal **AAYUSH SWAMI** Vishu Gupta chandan Kumar

Layout

Viewing AAYUSH SWAMI's a...

Module 4 Quiz

What's the output of this code?

```

i = 0
x = 0
while i < 4:
    x = x + i
    i = i + 1
print(x)

```

Back Check

Unmute Start video Share

Participants Chat

01:09 PM 28-01-2022

Day-3 Sessions

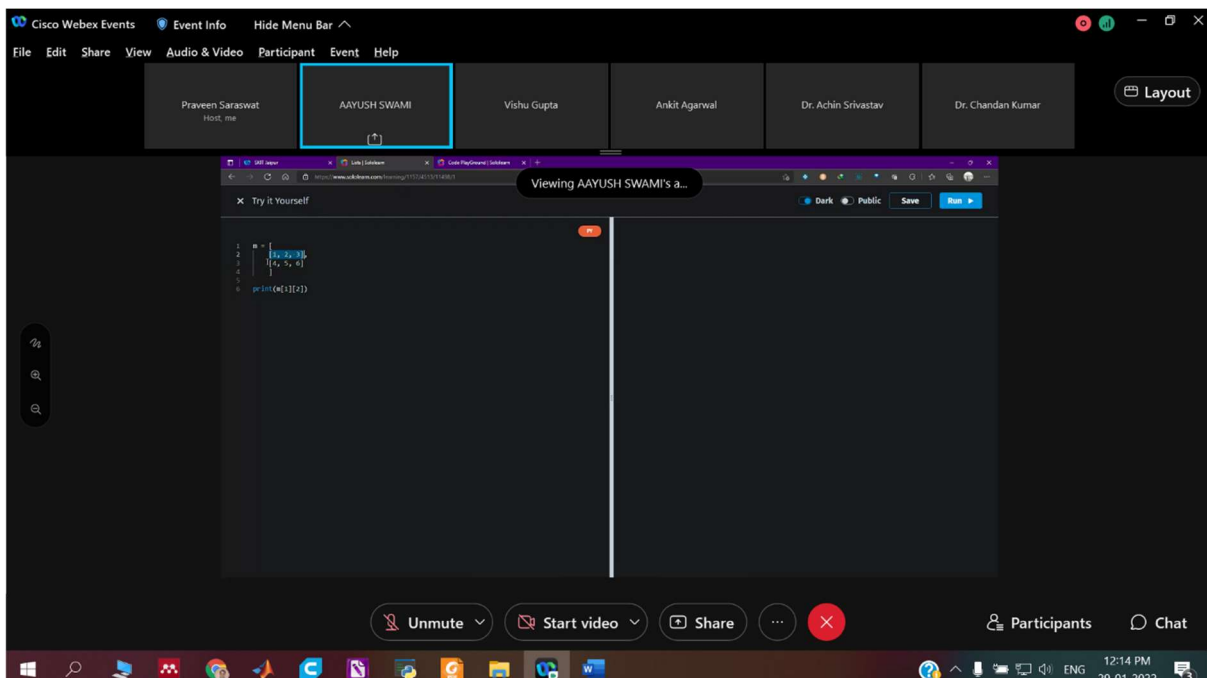
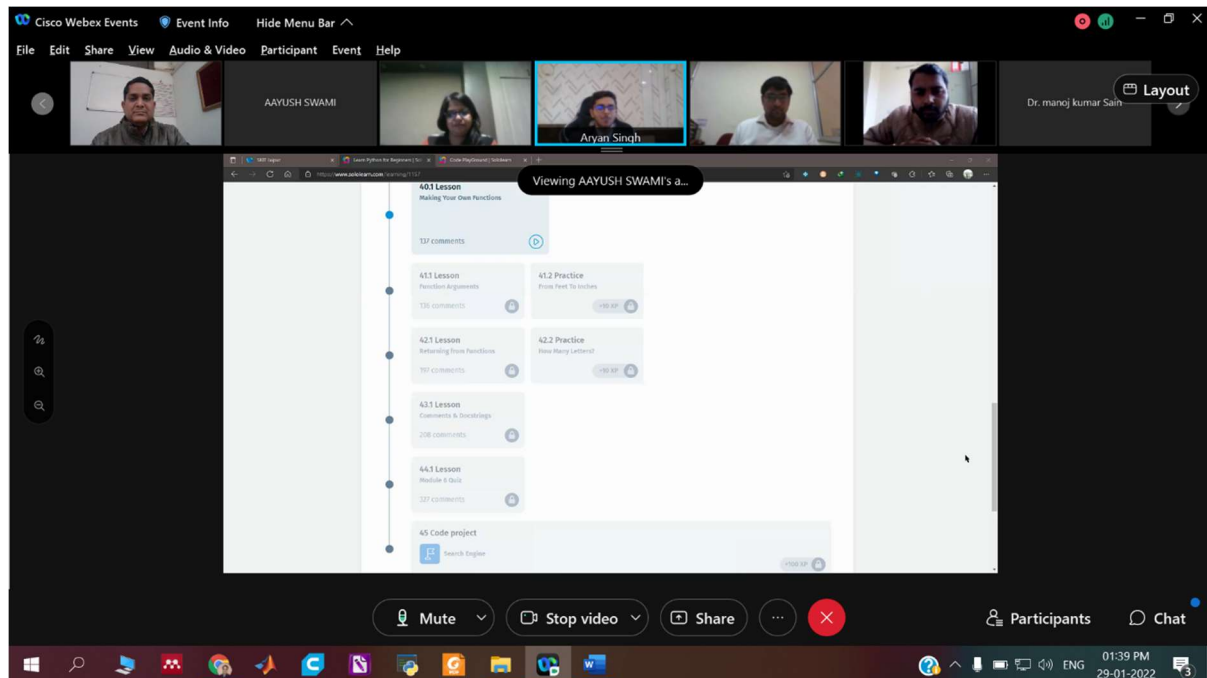
In the third day first session Dr. Achin Srivastav welcomed Mr. Ayush Swami and Dr. Vishu Gupta. In this session Mr. Aryan Singh deliberated on Introduction to Artificial Intelligence, Machine Learning, career opportunities in the area of AI and ML, Natural Language Processing and the Future of AI. Later, Mr. Aryan Singh answered the queries of participants. The session came to end with the vote of thanks of Dr. Achin Srivastav.

The screenshot shows a Cisco Webex Events interface. At the top, there's a menu bar with 'File', 'Edit', 'Share', 'View', 'Audio & Video', 'Participant', 'Event', and 'Help'. Below this is a header area with participant names: 'Praveen Saraswat', 'Dr. Achin Srivastav', 'Vishu Gupta', and 'Dr. Chandan Kumar'. A 'Layout' button is on the right. The main content area displays a presentation slide titled 'AI in different sectors' with the subtitle 'Applications in all areas'. The slide features a central graphic of a brain with 'AI' inside, connected by lines to various industry icons: Travel, Banking and Financial Services, Manufacturing, Food Tech, Healthcare, Logistics and Transportation, Entertainment, Real Estate, and Retail and E-commerce. A small video window in the bottom right corner shows a participant. At the bottom of the Webex interface, there are controls for 'Unmute', 'Start video', 'Share', and a red 'X' button. The system tray at the very bottom shows the time as 10:15 AM on 29-01-2022.

The screenshot shows a Cisco Webex Events interface. At the top, there's a menu bar with 'File', 'Edit', 'Share', 'View', 'Audio & Video', 'Participant', 'Event', and 'Help'. Below this is a header area with participant names: 'Praveen Saraswat', 'Aryan Singh', 'Vishu Gupta', 'Dr. Achin Srivastav', and 'Dr. Chandan Kumar'. A 'Layout' button is on the right. The main content area displays a presentation slide titled 'How AI could change the job market' with the subtitle 'Estimated net job creation by industry sector, 2017-2037'. The slide features a horizontal bar chart showing job creation percentages for various sectors. A small video window in the bottom right corner shows a participant. At the bottom of the Webex interface, there are controls for 'Unmute', 'Start video', 'Share', and a red 'X' button. The system tray at the very bottom shows the time as 10:07 AM on 29-01-2022.

Industry Sector	Estimated net job creation (%)
Health	25
Scientific and technical	20
Communications	15
Hospitality	10
Education	5
Administrative and support services	5
Other sectors	5
Wholesale and retail	5
Construction	5
Financial and insurance	5
Public administration and defence	5
Transportation and storage	5
Manufacturing	5

In the second session Aayush Swami conducted an online hand on experience session for participants demonstrating Strings, Functions, List and a Project on BMI calculator. Mr. Aryan Singh answered the queries of participants. Mr. Praveen Saraswat handled Questions & Answer session and delivered the vote of thanks.



Valedictory Session

The three days Workshop came to a close on 29 January 2022, with a Valedictory function. The Workshop Coordinator Mr. Praveen Saraswat gave the welcome address and presented the report on Workshop. Mr. Aryan Singh Chief Technology Officer, TensaX Innovation Lab Jaipur gave a motivational speech on need of learning Python, AI and Machine Learning during the valedictory programme and encouraged the participants to keep learning Python.

The valedictory function was ended with the vote of thanks from Dr. Chandan Kumar Coordinator of the Workshop. He thanked all the experts from TensaX Innovation Lab for deliberating quality lectures on Python along with the participants who took great effort in attending all sessions and making the programme a great success. He also acknowledged the efforts of Mr. Praveen Saraswat, Dr. Manoj Kumar Sain, Dr. Achin Srivastav, Mr. Ankit Agarwal and Mr. Ankit Vijaywargia, Coordinators of Workshop for their efforts on successfully conducting this workshop. He thanked Prof. Dheeraj Joshi, HOD, Mechanical Engineering for providing continuous support and motivation. He extended his thanks to Mr. Jaipal Meel, Director SKIT Jaipur, Prof. (Dr.) S.L. Surana, Director Academics SKIT Jaipur and Prof. (Dr.) R.K. Pachar, Principal SKIT Jaipur for providing all the facilities, assistance, support and encouragement for conducting this workshop.



Media Coverage

वर्कशॉप में जाने पायथन प्रोग्रामिंग के उपयोग



कार्यशाला और इसकी सामग्री के बारे में संक्षिप्त परिचय पर प्रकाश डाला। देशभर में इस वर्कशॉप के लिए 600 से ज्यादा स्टूडेंट्स शामिल हुए। वर्कशॉप के अतिथि

जयपुर (खबरों की दुनिया)। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में गुरुवार को मैकेनिकल इंजीनियरिंग विभाग की ओर से ई-यंत्र लैब एसकेआईटी और आईईटीई छात्र मंच के संयुक्त तत्वावधान में 'पायथन प्रोग्रामिंग का परिचय' विषय पर तीन दिवसीय वर्कशॉप की शुरुआत की गई। वर्कशॉप समन्वयक डॉ. अचिन श्रीवास्तव ने

आर्यन सिंह ने छात्रों के करियर में पायथन प्रोग्रामिंग के महत्व पर चर्चा की। उन्होंने ब्लॉक चेन, आर्टिफिशियल इंटेलिजेंस और डेटा एनालिटिक्स क्षेत्रों में पायथन प्रोग्रामिंग के अनुप्रयोग भाग के बारे में भी बताया। अंत में एसोसिएट प्रोफेसर प्रवीण सारस्वत और प्रो धीरज जोशी ने अतिथि और प्रतिभागियों को धन्यवाद दिया। सत्र का संचालन नमिता सोनी और अंकित अग्रवाल ने किया।

वर्कशॉप में जाने पायथन प्रोग्रामिंग के उपयोग



महानगर टाइम्स

जयपुर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में गुरुवार को मैकेनिकल इंजीनियरिंग विभाग की ओर से ई-यंत्र लैब एसकेआईटी और आईईटीई छात्र मंच के संयुक्त तत्वावधान में 'पायथन प्रोग्रामिंग का परिचय' विषय पर तीन दिवसीय वर्कशॉप की शुरुआत की गई। वर्कशॉप समन्वयक डॉ. अचिन श्रीवास्तव ने कार्यशाला और इसकी सामग्री के बारे में संक्षिप्त परिचय पर प्रकाश डाला। देशभर में इस वर्कशॉप के लिए 600 से ज्यादा स्टूडेंट्स शामिल हुए। वर्कशॉप के अतिथि आर्यन सिंह ने छात्रों के करियर में पायथन प्रोग्रामिंग के महत्व पर चर्चा की। उन्होंने ब्लॉक चेन, आर्टिफिशियल इंटेलिजेंस और डेटा एनालिटिक्स क्षेत्रों में पायथन प्रोग्रामिंग के अनुप्रयोग भाग के बारे में भी बताया। अंत में एसोसिएट प्रोफेसर प्रवीण सारस्वत और प्रो धीरज जोशी ने अतिथि और प्रतिभागियों को धन्यवाद दिया। सत्र का संचालन नमिता सोनी और अंकित अग्रवाल ने किया।

एसकेआईटी में ऑनलाइन कार्यशाला शुरू



जयपुर (कांस.)। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में गुरुवार को मैकेनिकल इंजीनियरिंग विभाग द्वारा ई-यंत्र लैब एसकेआईटी और आईईटीई छात्र मंच के सहयोग से आयोजित 'पायथन प्रोग्रामिंग का

परिचय' पर तीन दिवसीय ऑनलाइन छात्र कार्यशाला का उद्घाटन समारोह आयोजित किया गया। प्रो. धीरज जोशी, प्रमुख, मैकेनिकल इंजीनियरिंग ने सभी अतिथियों, वक्ताओं और प्रतिभागियों का स्वागत करते हुए कार्यशाला को संबोधित किया। कार्यशाला समन्वयक डॉ. अचिन श्रीवास्तव ने कार्यशाला और इसकी सामग्री के बारे में संक्षिप्त परिचय पर प्रकाश डाला। देशभर में इस वर्कशॉप के लिए 600 से ज्यादा स्टूडेंट्स ने रजिस्ट्रेशन कराया है। आर्यन सिंह, सीटीओ, टेन्साएक्स इनोवेशन लैब, जयपुर कार्यक्रम के अतिथि थे। उन्होंने छात्रों के करियर में पायथन प्रोग्रामिंग के महत्व पर चर्चा की। उन्होंने ब्लॉक चेन, आर्टिफिशियल इंटेलिजेंस और डेटा एनालिटिक्स क्षेत्रों में पायथन प्रोग्रामिंग के अनुप्रयोग भाग के बारे में भी बताया। अंत में प्रवीण सारस्वत, एसोसिएट प्रोफेसर ने अतिथि और प्रतिभागियों को धन्यवाद दिया। संचालन सुश्री नमिता सोनी और अंकित अग्रवाल ने किया।

सीमा सन्देश

Fri, 28 January 2022
<https://www.readwhere.>



एसकेआईटी में पायथन प्रोग्रामिंग का परिचय पर तीन दिवसीय ऑनलाइन छात्र कार्यशाला का उद्घाटन

P3 Police Public Politics

जयपुर ! जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में गुरुवार दिनांक 27 जनवरी 2022 को मैकेनिकल इंजीनियरिंग विभाग द्वारा ई-यंत्र लैब एसकेआईटी और आईआईटीई छात्र मंच के सहयोग से आयोजित 'पायथन प्रोग्रामिंग का परिचय' पर तीन दिवसीय ऑनलाइन छात्र कार्यशाला का उद्घाटन समारोह आयोजित किया गया।



प्रो. धीरज जोशी, प्रमुख, मैकेनिकल इंजीनियरिंग ने सभी अतिथियों, वक्ताओं और प्रतिभागियों का स्वागत करते हुए कार्यशाला को संबोधित किया। कार्यशाला समन्वयक डॉ. अचिन श्रीवास्तव ने कार्यशाला और इसकी सामग्री के बारे में संक्षिप्त परिचय पर प्रकाश डाला। देशभर में इस वर्कशॉप के लिए 600 से ज्यादा स्टूडेंट्स ने रजिस्ट्रेशन कराया है। श्री आर्यन सिंह, सीटीओ, टेन्साएक्स इनोवेशन लैब,

जयपुर कार्यक्रम के अतिथि थे। उन्होंने छात्रों के करियर में पायथन प्रोग्रामिंग के महत्व पर चर्चा की। उन्होंने ब्लॉक चेन, आर्टिफिशियल इंटेलिजेंस और डेटा एनालिटिक्स क्षेत्रों में पायथन प्रोग्रामिंग के अनुप्रयोग भाग के बारे में भी बताया। अंत में, श्री प्रवीण सारस्वत, एसोसिएट प्रोफेसर ने अतिथि और प्रतिभागियों को धन्यवाद दिया। सत्र का संचालन सुश्री नमिता सोनी और श्री अंकित अग्रवाल ने किया।

एसकेआईटी में पायथन प्रोग्रामिंग पर तीन दिवसीय ऑनलाइन छात्र कार्यशाला का समापन

P3 Police Public Politics

जयपुर ! जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में गुरुवार दिनांक 29 जनवरी 2022 को मैकेनिकल इंजीनियरिंग विभाग द्वारा ई-यंत्र लैब एसकेआईटी और आईआईटीई छात्र मंच के सहयोग से आयोजित 'पायथन प्रोग्रामिंग' पर तीन दिवसीय ऑनलाइन छात्र कार्यशाला का समापन हुआ। प्रो. धीरज जोशी, विभागाध्यक्ष, मैकेनिकल इंजीनियरिंग ने सभी अतिथियों, वक्ताओं और प्रतिभागियों का स्वागत करते हुए समापन समारोह को संबोधित किया।

कार्यशाला समन्वयक डॉ. मनोज कुमार सैन के अनुसार इस कार्यशाला में



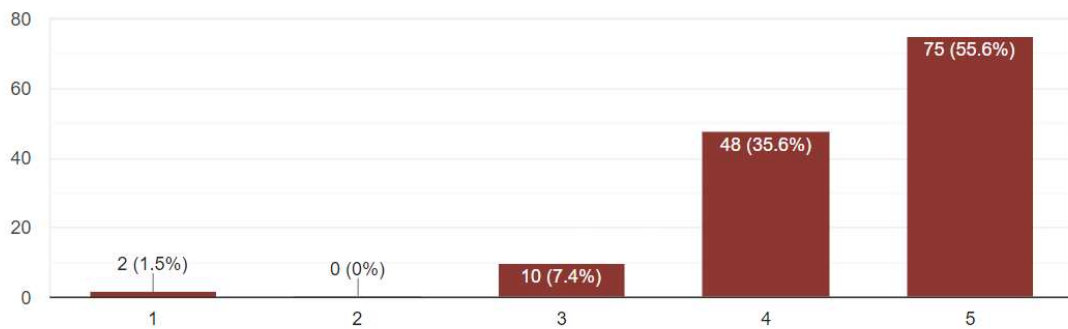
देशभर से 250 से ज्यादा स्टूडेंट्स ने सक्रिय रूप से भाग लिया। इस कार्यशाला

में पायथन प्रोग्रामिंग के सिद्धांतों सहित ब्लॉक चेन, आर्टिफिशियल इंटेलिजेंस और डेटा एनालिटिक्स क्षेत्रों में पायथन प्रोग्रामिंग के अनुप्रयोगों के बारे में छात्रों को प्रशिक्षण दिया गया। कार्यशाला में पायथन प्रोग्रामिंग के क्षेत्र में करियर विकल्पों के बारे में भी छात्रों को अवगत कराया गया। अंत में, डॉ. चंदन कुमार ने अतिथि और प्रतिभागियों को धन्यवाद दिया। सत्र का संचालन श्री प्रवीण सारस्वत ने किया।

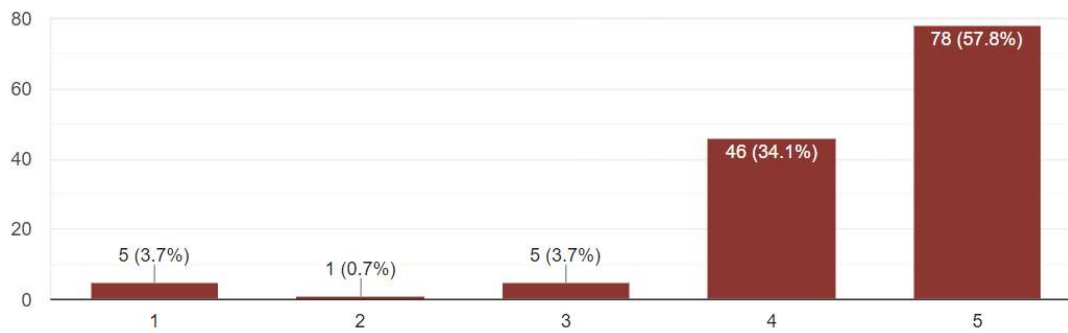
Feedback of Workshop

1. Rating of Sessions (1 to 5):

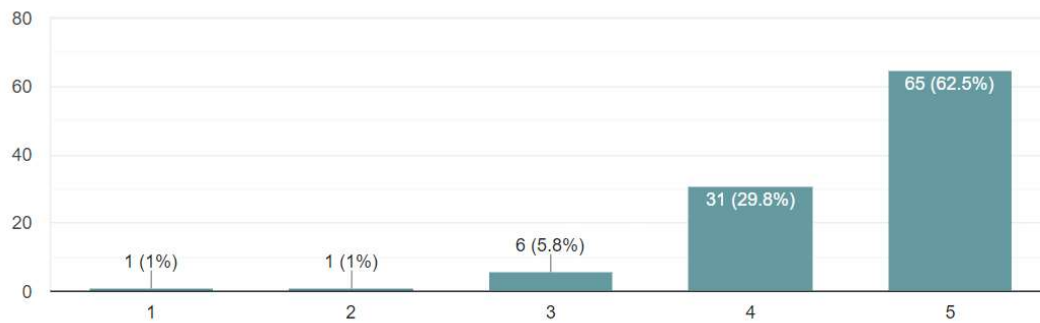
Session -1



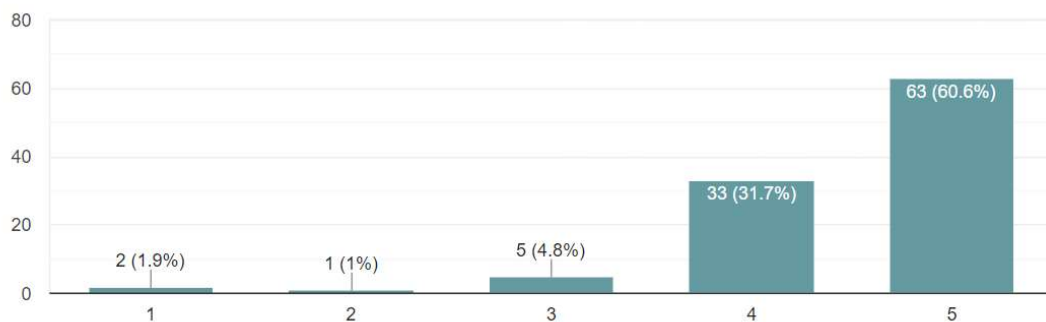
Session-2



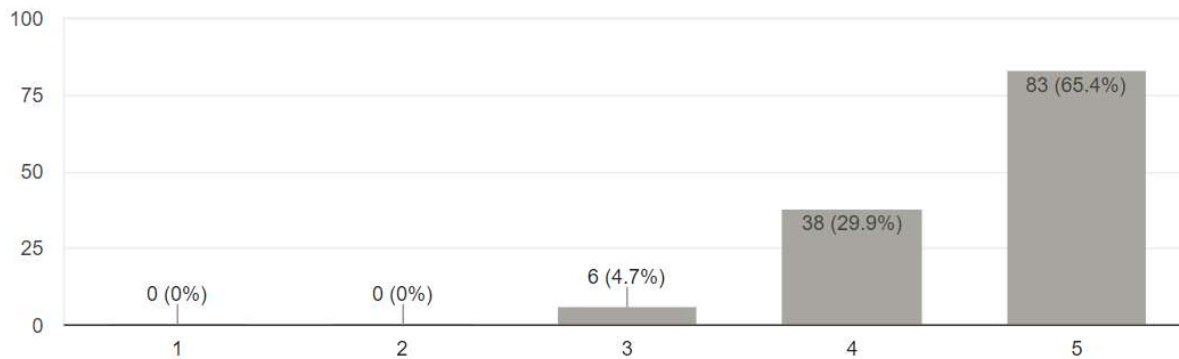
Session-3



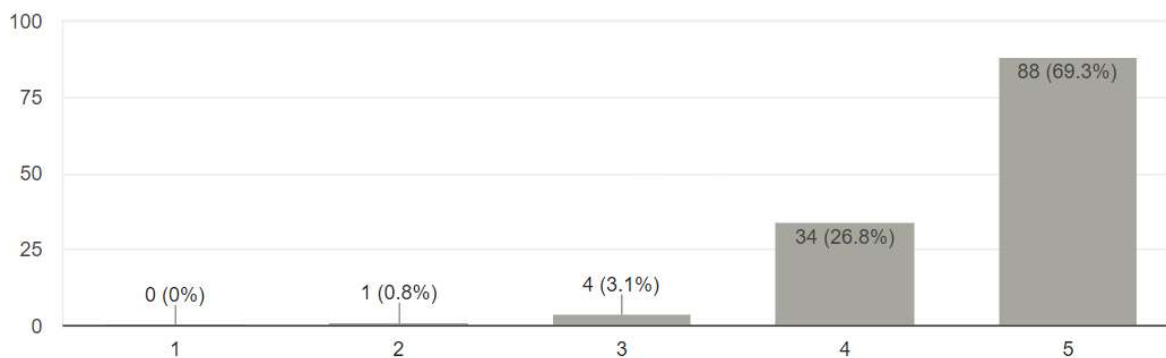
Session-4



Session-5



Session-6



2. General feedback on the sessions content:

- Good and interactive way to teach python
- It was an informative session for the one who knows very least about programming languages
- It was nice and informative
- Good content. Easy to understand for beginners.
- Very nice session as well as introduction was very nice as expected
- Basics was well thought by the respective faculty member and very under stable
- Good workshop to known about python
- The session went decently and the content was very informative.
- The content was good and the way they are using solo learner platform is commendable.
- Well explained and easily understandable
- All the basics were clearly understood
- Live coding or basics of python is very helpful
- This course was short but very informative and helpful.

- Really hope that this kind of knowledgeable workshop will going to conduct again in future. Very helpful, very knowledgeable, thanks for giving us all this information in such a great manner.
- It allows beginner who has zero knowledge about programming to understand the basic terms used in Python. Variety of practical examples. Gives broad overview. Great course! Would definitely love to join other courses offered by your team
- Amazing hands-on learning experience!
- Excellent Session Learnt A lot
- The session was pretty decent, inspite of the webinar being held online it led to so much positive energy in us.
- Great session Get to learn new things .this session will surely helps us in future... thanks for organizing this exciting session..
- The session was great.Learned many new concepts in python and made a firm grip over basics.Hoping to attend more such sessions in order to learn each and every concept of python and further AI.
- Session contains great content for any python beginner to have a good grab on python basics
- Very helpful session. Python was explained in very easiest way. Really enjoyed the session a lot.
- Wonderfully practical course both personally and professionally. I will take away lots of things that I can quickly and easily apply." "I can't wait to get back to work and try some of these things out
- Quite interesting introduction to Python, focusing on the most important components of the language. Looking forward to other courses using the same format. Thank you Dept Mechanical Engineering. This course was amazing as well as was an interesting course.
- It beyond what I have imagined the way of delivering the content and explaining the program solving is perfect
- The session had a lot to learn from. Basic codes required for beginners were explained.
- Content is good
- Content contains practice problems which enhanced my skills... So overall it was quite well.
- We learnt basic in python Aryan sir and aayush sir explain very well
- Excellent session
- The content of the session was very apt and the session was quite interactive.
- Session is good we came to learn many things about basic python. Looking forward to know in a bit advance level
- Everyone can understand in a better way. Understood well

3. Any Suggestion:

- Improve audio
- It can be gone little slow n the time is very much consuming in this.

- More advanced coding projects related talks
- There is lack of interaction and less time.
- Slow down the speed of session as we need to apply the same side by side
- Could be more interactive
- Suggestion to add more examples and frame works of Live Projects. Thank you.
- Giving more examples related to the problem
- More of such events should be conducted
- Some demo projects would help us to know our working type
- During the practice they must give us some time to solve the practice session
- The session was understanding but there is a issue with voice
- Maybe more Question and Answer can be asked or polls be created
- Please organise these sessions in future
- Brake in middle of lectures so no one can get bored