

ABOUT THE COLLEGE

Sreyas Institute of Engineering & Technology was established in the year 2011 under the aegis of Sreyas Educational Society. The Institute endeavors to impart high quality, competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering since its inception in the year 2011 offers program keeping in pace in technological advancements. Currently Department offers Undergraduate course B.Tech in CSE with an intake of 240 students, AI and ML with an intake of 120 and also Data Science with an intake of 120 students. Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art Computer Center has more than 1000 computers with 100 Mbps internet connectivity. The department has highly qualified and well experienced faculty to offer both class room teaching and practical instructions. The department has established Industry ready training academies such as Google Cloud, CISCO, AWS (Amazon Web Services), Oracle, Robotics Process Automation etc., It has an excellent track record of the placements, more than 80% students are placed in well reputed Multinational Companies. The Department motto is "Step into Learn and Step out to Serve".



RESOURCE PERSONS

Prof. M. Naresh Choudary
Dept. of CSE (AI & ML)

Prof. A. Swathi
Dept. of CSE

REGISTRATION LINK

<https://forms.gle/pE9AtURKKnaEYc169>



ORGANIZING COMMITTEE

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A TWO-WEEK SKILL DEVELOPMENT PROGRAM

A Boot Camp on Python Programming

From 12th – 25th May, 2021

[Time: 3:00 PM – 04:30 PM]

ORGANIZED

BY

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING



SREYAS
INSTITUTE OF ENGINEERING
AND TECHNOLOGY





WHAT IS PYTHON?

Python is a general-purpose high-level programming language whose design philosophy emphasizes code readability.

WHY PYTHON?

- | Easy to learn
- | Portable and cross-platform.
- | Full-fledged programming language.
- | Excellent scientific computing libraries.
- | Supports both Procedural and Object-Oriented Programming.
- | SAGE, NumPy, SciPy, Matplotlib and Cython make Python an open-source alternative to MATLAB, Mathematica, Magma and Maple.

APPLICATION OF PYTHON

- | User Interfaces
- | 2D/3D Graphics
- | Web development
- | Exploration and Visualization
- | Numeric and Symbolic computation
- | High Performance Parallel Computing

WHY SHOULD YOU ATTEND?

- | Fully Hands-on. Interactive Learning.
- | Opportunity to learn one of the popular and applicable programming language.

CHIEF PATRONS

Sri. Ananthula Vinay Kumar Reddy, Chairman
Sri. Chintala Ravindranath Yadav, Secretary
Sri. Nirvetla Sharath Reddy, CEO & Treasurer
Sri. Ananthula Hriday Reddy, Vice-Chairman

PATRON

Dr. S. Sai Satyanarayana Reddy,
Principal, Professor of CSE

CONVENERS

Dr. Shaik Abdul Nabi,
Professor & HOD - CSE

Prof Md. Naseeruddin,
HOD - H&S

CO - CONVENER

Dr. S Venkata Achuta Rao
Professor of CSE

COORDINATORS

Prof K Ramya Lakshmi, CSE
Prof A.V Srinivass, CSE

Further Details Contact:
8142548912 & 9502222689

ADVISORY COMMITTEE

Dr. Suresh Akella, Dean - R&D,
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Dr. Ashwani Kumar, HOD - AI&ML
Dr. Jayaram, HOD-DS
Dr. V. Goutham, Professor, CSE
Dr. M. Purushotham, Professor, CSE
Dr. D. Shanthi, Professor, CSE
Dr. N Swapna Suhasini, Professor, CSE
Prof. P Sri Harsha, Incharge, Datacenter
Prof. Suresh Babu, Controller of Examination

TOPICS COVERED

- ❖ History of Python, Installation, Python features, Bytecode, Python Indentation, Python Comments, Variables, Python Keywords, Python I/O and Operators
- ❖ Control Statements, Numbers and Strings
- ❖ Lists, Tuples and Dictionaries
- ❖ Other Built-in Types, Unsupported Types and Files
- ❖ Exceptions, Modules and Packages: Numpy
- ❖ Modules and Packages: Pandas, Matplotlib, Scipy, Scikit-learn, Tensor Flow, PyTorch and Keras.

WORKSHOP OBJECTIVE

- ❖ Provide insights into Python Programming to write simple programs, design & develop micro applications in real time and confidently move towards advanced python.

SALIENT FEATURES

- ❖ 100% Hands-on Training will be given
- ❖ Participant-centered learning material (Softcopy) will be provided
- ❖ Regular Programming Exercises & Assignments will be given
- ❖ List of Programs with Solutions will be provided.
- ❖ Assessment test will be conducted after the workshop
- ❖ E- Certificate will be provided to the eligible participants (80% of attendance & 60% of marks in the assessment test)



INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Hyderabad | PIN: 500068

SUMMARY REPORT ON “BOOT CAMP ON PYTHON PROGRAMMING” organized by Computer science and engineering department of Sreyas institute of engineering and technology from 12th May 2021 – 25th May 2021

With an Objective to acquaint the students with knowledge of programming on python to provide insights to write simple programs, design & develop micro applications in real time and confidently move towards advancedpython. This skill development program was conducted online virtually for 2 weeks from 12th May to 25th May 2021 which was organised by Computer science and Engineering Department through Microsoft Teams.

This Program was inaugurated by our chief guest and Patron Dr. S. Sai Satyanarayana Reddy, Principal, Professor of CSE. Conveners of this workshop are Dr. Shaik Abdul Nabi, Professor & HOD - CSE Prof Md. Naseeruddin, HOD - H&S CO - CONVENER is Dr. S Venkata Achuta Rao Professor of CSE COORDINATORS are Prof K Ramya Laxmi, CSE and Prof A.V Srinivass, CSE.

The resource persons Prof.M.Naresh Choudary from AI&ML and Prof.A.Swathi who were the faculty members of Sreyas institute of engineering and technology

Prof.M.Naresh Choudary taught the concepts from History of Python to indepth of modules and packages. Assignments and assessments were given to the students. Students who have performed well in the assessment were given rewards as the best performer.

Two whatsapp groups are created for 200+ registered students. Teaching materials and documentations are shared to all the students who ever participated in the boot camp of python programming. The skill development program was held from 3.00 pm to 4.30 pm for 2 weeks.

The event was a successful one. The workshop was relevant to the title and were well-appreciated by the students. After completion of this workshop students have felt encouraged to explore these areas further.



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The screenshot shows a Microsoft Teams meeting interface. The main window displays a code editor with the following Python code:

```
1 print("File __name__ is:", __name__)
2
3 if __name__ == "__main__":
4     print("File is being run directly")
5 else:
6     print("File is being imported")
7
```

The output console shows the following execution results:

```
Python 3.8.5 (default, Sep 3 2020, 21:29:08) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license()" for more information.
[Python 7.10.0 -- An enhanced Interactive Python.
>>> runfile('C:/Boot_Camp_on_Python/Programs/Fl1a1.py', wdir='C:/
Boot_Camp_on_Python/Programs')
File1 __name__ is: __main__
File1 is being run directly
>>> runfile('C:/Boot_Camp_on_Python/Programs/Fl1a2.py', wdir='C:/
Boot_Camp_on_Python/Programs')
File1 __name__ is: __main__
File1 is being imported
File1 __name__ is: __main__
File1 is being run directly
>>>
```

The right sidebar shows the 'Participants' list:

- Presenters (1): Naresh Choudary (Organizer)
- Attendees (107): RAMYA LAXMI K, 19VE5A0314_LHOKKEESH..., 20VE1A0108_GORLA JOS..., 20VE1A0302_AVVARI CH..., 20VE1A0308_GUMMA VI..., 20VE1A0312_MUSKULI SH...

The bottom of the screen shows the Windows taskbar with the search bar and various application icons. The system tray shows the time as 16:32 on 28-05-2021.

The screenshot shows a Microsoft Teams meeting interface with a grid of video feeds. A notification at the top states: "Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Priv...](#) Dismiss".

The video grid shows several participants:

- 20VE1A67B5_VARANASI VENKATA AKSHAY
- 20VE1A0431_POKALA SAI GOPAL
- 20VE1A6636_NALLAPATI VIRACHITHA
- 20VE1A6608_CHERUKU AKSHAY
- Naresh Choudary
- 20VE1A6753_SUDINI NIHARIKA

The right sidebar shows the 'Participants' list:

- 20VE1A0529_KALAKUNDA VI...
- 20VE1A0541_NELLUTLA AKHIL
- 20VE1A0544_PARIKIBANDA T...
- 20VE1A0553_SURABOINA JY...
- 20VE1A0554_SURAKANTI KA...
- 20VE1A0557_THUNGATHUR...
- 20VE1A0558_TIRUVEEDULA B...
- 20VE1A0560_YEDLA ASHA
- 20VE1A0567_C V M NIKHIL

The bottom of the screen shows the Windows taskbar with the search bar and various application icons. The system tray shows the time as 15:06 on 24-05-2021.



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Microsoft Teams

Participants

Share invite

Presenters (1)

- Naresh Choudary
Organizer

Attendees (122)

- RK RAMYA LAXMI K
- 1B 19VE5A0314_LHOKKEESH...
- 20VE1A0108_GORLA JOS...
- 2S 20VE1A0111_KOSIKA SUJ...
- 2P 20VE1A0302_AVVARI CH...
- 2V 20VE1A0308_GUMMA VI...

Principal Review

Naresh Choudary

+112 2N 2S 2B 2K 2A 2S AS RK

Type here to search

16:44
28-05-2021

Microsoft Teams

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Priv...](#) [Dismiss](#)

Participants

Share invite

Presenters (1)

- Naresh Choudary**
Organizer

Attendees (101)

- RK RAMYA LAXMI K
- 1B 19VE5A0314_LHOKKEESH B
- 20VE1A0108_GORLA JOSEPH ...
- 2V 20VE1A0308_GUMMA VISHN...
- 2M 20VE1A0403_AMANCHI MAN...
- 20VE1A0413_KONDOLI VAIS

+87 2B 2N 2S 2P 2B 2K 2P AS RK

Search for anything

15:06
24-05-2021

Microsoft Teams

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Priv...](#) [Dismiss](#)

Participants

Share invite

- 20VE1A0529_KALAKUNDA VI...
- 20VE1A0541_NELLUTLA AKHIL
- 2T 20VE1A0544_PARIKIBANDA T...
- 2M 20VE1A0553_SURABOINA JY...
- 2R 20VE1A0554_SURAKANTI KA...
- 2B 20VE1A0557_THUNGATHURT...
- 2B 20VE1A0558_TIRUVEEDULA B...
- 2A 20VE1A0560_YEDLA ASHA
- 2N 20VE1A0567_C V M NIKHIL

+88 2B 2N 2S 2P 2B 2K 2P AS RK

Search for anything

15:06
24-05-2021



Microsoft Teams

Request control

Leave

```
1 print("File1 __name__ is:", __name__)
2
3
4 if __name__ == "__main__":
5     print("File1 is being run directly")
6 else:
7     print("File1 is being imported")
```

Usage

Have you got help of any object by pressing **Ctrl** on front of it, either on the Editor or the Console.

Help can also be shown automatically after reading a help pane for a topic in a video. You can adjust the behavior in Preferences > Help.

How to Suggest? Read our Suggest

Python 3.8.5 (default, Sep 3 2020, 21:29:85) [MSC v.1915 64 bit (AMD64)]
Type "help()", "credits()" or "license()" for more information.
[Python 3.10.0 - An enhanced Interactive Python.
Type "help()" for more details.]

```
[1] rutilfile('C:/Boot Camp on Python/Programs/1101.py', wdir='C:/Boot Camp on Python/Programs')
File1 __name__ is: __main__
File1 is being run directly

[2] rutilfile('C:/Boot Camp on Python/Programs/1102.py', wdir='C:/Boot Camp on Python/Programs')
File1 __name__ is: File1
File1 is being imported
File1 __name__ is: __main__
File1 is being run directly

[3]
```

Naresh Choudary

A Boot Camp on Python 27/05/2021

+103 2K 2A 2S

20VE1A6608_CHERUK... 20VE1A6755_VARDHA... Naresh Choudary RK

Participants

Share invite

Presenters (1)

Naresh Choudary Organizer

Attendees (107)

RK RAMYA LAXMI K

1B 19VE5A0314_LHOKKEESH...

20VE1A0108_GORLA JOS...

2P 20VE1A0302_AVVARI CH...

2V 20VE1A0308_GUMMA VI...

2R 20VE1A0312_MUSIKU SH

Search for anything

16:32 28-05-2021

Microsoft Teams

Leave

Participants

Share invite

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Naresh Choudary Organizer

Attendees (122)

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1B 19VE5A0314_LHOKKEESH...

20VE1A0108_GORLA JOS...

2S 20VE1A0111_KOSIKA SUJ...

2P 20VE1A0302_AVVARI CH...

2V 20VE1A0308_GUMMA VI...

Principal Review Naresh Choudary

+112 2N 2S 2B 2K 2A 2S AS RK

Type here to search

16:44 28-05-2021

Microsoft Teams

Participants

Share invite

Presenters (1)

- Naresh Choudary
Organizer

Attendees (122)

- RK RAMYA LAXMI K
- MN MD NASEERUDDIN
- 1B 19VE5A0314_LHOKKEESH B
- 20VE1A0108_GORLA JOSEPH ...
- 2S 20VE1A0111_KOSIKA SUJANA
- 2P 20VE1A0302_AVVARI CHAND

Principal Review

Naresh Choudary

MD NASEERUDDIN

+111 2N 2S 2B 2K 2A VS AS RK

Type here to search

16:45
28-05-2021

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Certificate of Participation



This is to certify that **Mr./Ms. BOJANAPALLY HARSHITHA** bearing Roll Number **20VE1A0565** has participated in **Two Weeks Skill Development Program** “**Boot Camp on Python**” from **May 12, 2021** to **May 25, 2021** Conducted by Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad-68, Telangana, India.

A handwritten signature in black ink.

Dr. S. Venkata Achuta Rao
Convener
Professor of CSE

A handwritten signature in blue ink.

Dr. Shaik Abdul Nabi
Professor
HOD-CSE

A handwritten signature in blue ink.

Dr. S. Sai Satyanayana Reddy
Patron
Principal & Prof. of CSE