

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

MD Abbas

Team Lead, IVI Comptech

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

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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

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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)



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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
```

Below the code editor is a terminal window showing the execution of the code:

```
Python 3.8.5 (default, Sep 3 2020, 21:29:86) [AMD64]
File is being run directly
Python 3.8.5 (default, Sep 3 2020, 21:29:86) [AMD64]
File is being imported
Python 3.8.5 (default, Sep 3 2020, 21:29:86) [AMD64]
File is being imported
```

The meeting controls at the bottom show a participant list with names like Naresh Choudary, RAMYA LAXMI K, and others. The system tray at the bottom indicates the time is 16:32 on 28-05-2021.

The screenshot shows a Microsoft Teams meeting interface with a grid of video thumbnails. 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. Privacy... Dismiss".

The video thumbnails show several participants, including:

- 20VE1A6785_VARANASI VENKATA AKSHAY
- 20VE1A0431_POKALA SAI GOPAL
- 20VE1A6636_NALLAPATI VIRACHITHA
- 20VE1A6608_CHERUKU AKSHAY
- Naresh Choudary
- 20VE1A6753_SUDINI NIHARIKA

The meeting controls at the bottom show a participant list with names like 20VE1A0529_KALAKUNDA VI..., 20VE1A0541_NELLUTLA AKHIL, and others. The system tray at the bottom indicates the time is 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

+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_KONDOJU VAIS

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

Search for anything

ENG 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 NIKHII

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

Search for anything

ENG 15:06 24-05-2021



Microsoft Teams

Request control

Leave

```

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

```

Usage

These tools can get help of any object by providing a Callable that will be called on the object of the Callable.

Help can also be accessed automatically after entering a valid command that is an object. You can customize this behavior in Preferences > Help.

Python 3.8.5 (default, Sep 13 2020, 21:29:48) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license()" for more information.
Python 7.31.0 -- An enhanced interactive Python.

```

>>> runfile('C:/Root Camp on Python/Programs/File1.py', wdir='C:/Root Camp on Python/Programs')
File1 __name__ is: __main__
File1 is being run directly

>>> runfile('C:/Root Camp on Python/Programs/File1_2.py', wdir='C:/Root Camp on Python/Programs')
File1 __name__ is: file
File1 is being imported
File1 __name__ is: __main__
File1 is being run directly

>>>

```

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_MUSIKLI SH

Naresh Choudary

A Boot Camp on Python 27/05/2021

+103 2K 2A 2S RK

20VE1A6608_CHERUK... 20VE1A6755_VARDHA...

Search for anything

16:32 28-05-2021

Microsoft Teams

Leave

Principal Review

Naresh Choudary

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...

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

Type here to search

16:44 28-05-2021

Microsoft Teams

Share icon, Hand icon, More icon, Mute icon, Video icon, Leave button

Grid of video thumbnails with 'SREYAS' watermark

Naresh Choudary

MD NASEERUDDIN

Principal Review

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

Type here to search

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

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, appearing to read "S. Venkata Achuta Rao".

Dr. S. Venkata Achuta Rao
Convener
Professor of CSE

A handwritten signature in blue ink, appearing to read "Shaik Abdul Nabi".

Dr. Shaik Abdul Nabi
Professor
HOD-CSE

A handwritten signature in blue ink, appearing to read "S. Sai Satyanayana Reddy".

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