

REPORT

CODE-E-FIESTA

Date: 7th May 2022

G H Patel College of Engineering & Technology,
CVM University

INTRODUCTION:

The Computer Society and the Robotics and Automation Society of IEEE GCET Student Branch organized Code-e-Fiesta, a Python workshop, on 7th May 2022. The IEEE Computer Society is the premier source for information, inspiration, and collaboration in computer science and engineering. Dedicated to computer science and technology, the IEEE Computer Society advances the theory, design, practice, and application of computer and information-processing science and technology. The IEEE Robotics and Automation Society strives to advance innovation, education, and fundamental and applied research in robotics and automation. The society's objectives are scientific, literary, and educational in character.

Code-e-Fiesta was a one-day Python workshop organized collaboratively by IEEE GCET CS and IEEE GCET RAS. As the significance of Python language keeps on rising in various domains like Artificial Intelligence, Machine Learning, and other technical domains, it is certain that there are countless scopes for it in the future as well. Its versatility makes it useful in a variety of applications in several industries. The workshop aimed at instilling a fundamental understanding of Python and programming using Python in the attendees.

ABOUT THE WORKSHOP:

Code-e-Fiesta took place on 7th May 2022. The workshop was conducted by Prof. Mittal Darji, Assistant Professor, GCET IT Department and Prof. Vinita Shah, Assistant Professor, GCET IT Department. It was a one-day workshop, and consisted of two phases:

- 1) Phase 1: Python Training Session from 10:30 AM to 12:30 AM
- 2) Phase 2: Hands-on Coding Session from 2:00 PM to 4:00 PM

The first phase of the workshop was conducted at the GCET Auditorium. Firstly, Prof. Mittal Darji explained the basics of Python, and walked the participants through topics like taking user input in Python, branching, iterations, functions, and scope of variables in Python. Prof. Mittal's lasted for 1 hour, wherein the queries of the students related to the topics taught were also answered. The workshop was further taken ahead by Prof. Vinita Shah's session. She shed the light on further topics namely recursion, strings, and Python collections like lists, sets, tuples and dictionaries. The participants engaged actively throughout the session, eagerly asked their queries and got them solved by the speakers, and gained significant knowledge about the Python language. The speakers were presented by a memento and a letter of appreciation by the IEEE GCET SB as a gesture of gratitude.

The second phase of Code-e-Fiesta was a hands-on coding session which took place one hour after the conclusion of the first phase. This phase was conducted at GCET in the classrooms numbered A314, A315, and A323. During this phase, participants were given practice problems

to solve using Python, and taught to use the suitable IDEs and code editors for programming in Python. Being a hands-on session, the attendees got to expand their knowledge and gain actual programming experience using Python in the phase 2. This phase lasted two hours. A total of 187 students from various departments of GCET, as well as from other colleges attended this workshop.

ABOUT THE SPEAKERS:

Professor Vinita Shah:

Prof. Vinita B Shah is working as an Assistant Professor in the Department of Information Technology. Her area of interest is Data Mining, Machine Learning, Image Processing and Privacy Preserving Data Mining. She has published more than 15 Research papers in various National/International Conferences and Journals.

Professor Mittal Darji:

Prof. Mittal C Darji is working as an Assistant Professor in the department of Information Technology. She has 1 year of industrial experience as an Assistant System Engineer with Tata Consultancy Services. Her research interest includes various areas of signal processing namely audio based classification, singer identification, audio based gender identification and speech recognition. She has published a number of papers in various National/International Conferences and Journals.

ATTENDANCE SHEET:

A total of 187 students from various departments of GCET, as well as from other colleges attended this workshop.

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EVENT POSTERS:



Code-e-Fiesta
Kick-start your Python journey!

1) Python Training
2) Hands-on Session

G H Patel College of Engineering & Technology
(A Constituent College of CVM University)



Code-e-Fiesta
Kick-start your Python journey!

Prof. Vinita Shah
Assistant Professor
IT Department

Prof. Mittal Darji
Assistant Professor
IT Department

Phase 1 : 10:30 AM - 12:30 PM
Phase 2 : 1:30 PM - 3:30 PM

Venue: Auditorium

Saturday | PYTHON WORKSHOP | 7th MAY

G H Patel College of Engineering & Technology
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EVENT PHOTOGRAPHS:





CONCLUSION:

With the goal of imparting knowledge of Python and enhancing the programming skills of participants, Code-e-Fiesta was a great success owing to the efforts of the organizing team and the energetic attendees. Looking at the usage and ever increasing importance of Python in today's era, the workshop paved a great way to begin learning Python from the very start and go through its various topics. There was ample participation in both the phases of the workshop, and it got conducted smoothly. Moreover, good feedback was received from the participants of the workshop, and they were glad they got a chance to kick-start their Python journey through Code-e-Fiesta.