

Malnad College of Engineering

(An autonomous institute under VTU)



Report on Python session by Chethan Adhikary Y

Title: Hands on session on “Python language” by Chetan Adhikary .Y

Date: 09th December,2023

Speaker: Chethan Adhikary Y

About the speaker: Chetan Adhikary is a data analyst proficient in python data analytics tools such as pandas and numpy, pyxml for XML, beautiful soup for HTML, request for handling APIs, fuzzy wuzzy for NPL. He has received PG level advanced certification programme in computational data science from Indian institution to science Bangalore. He has 10 plus years experience in TATA consultancy services, Bangalore. As a python senior developer, he handling data analytics projects for TCS clients.

Introduction: The speaker Chethan Adhikary, delivered a comprehensive presentation, unravelled the key insights and practical knowledge on the various details involved in the python programming language. It was a one day session conducted in the laboratory of our college in which the speaker provided the hands on experience and current applications of the python language. He was welcomed by the HODs, staff and the students of AI-ML and CS-BS branch. It was a one day session and the session has 2 parts Morning and Afternoon session.

Morning session: The morning session started around 10: 30 am in which the speaker explained about the python compiler and how Python is an interpreted language that does not require a separate compilation step like languages such as c++ or Java and executes the code or the program line by line by the python interpreter. However there are tools like “PyInstaller” or “ Cython” that can help package python code into executable files or compile python code into C code for performance optimization. Later the speaker explained about the features of Python language like it is a dynamic, high-level general process and object oriented programming language and is built on c language. And the speaker also explained mutable and immtable datatypes like list, tuple, dictionary, string, integer, and their various applications.



Afternoon session: The second session started after 2 PM in which the speaker explained about the functions, its types and how user defined functions can be used to manipulate and make the work easier and later the speaker explained about the class in python and made us understand about lists, dictionaries with various examples. By writing a program the speaker explained how to declare a function and positional argument and name the argument. At the end, he revised all the topics which were discussed in both the morning and afternoon session and ended the session at 4:30 by giving us an activity to do for us.



Conclusion: In conclusion, the comprehensive exploration of Python and its applications led by Chethan Adhikary has provided our participants with valuable insights into the dynamic world of programming. From fundamental concepts to real-world applications, the session illuminated the versatility and power of Python in driving innovation across various domains. We extend our gratitude to Chethan Adhikary sir for an enlightening session, and we look forward to applying these newfound perspectives in our endeavors, confident in the transformative potential of Python in the realm of technology and beyond.



