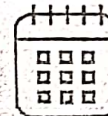


# INTERNSHIP CUM ADD-ON TRAINING B.Tech 2nd Year

## Advance Python

Resource Person  
Mr. Sumit Bajaj  
MCN Solutions



31 April, 2024 to 30 May, 2024  
Monday to Friday



02:00 pm to 04:00 pm



First Floor, Block A

1800 103 3797 | [www.mietengineering.org](http://www.mietengineering.org)

Plot No. 8, Knowledge Park, III, Greater Noida, Uttar Pradesh, India

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MIET/EVENT/2024-25/24A

Date:-26<sup>th</sup> December 2023

NOTICE

MIET is going to organize the Value-Added Certification Course "Advance Python" for the students of B.Tech 2<sup>nd</sup> year, as per the following details.

Schedule for the training

Sr. No.	Date	Group	Time	Days
1.	8 <sup>th</sup> January 2024 to 10 <sup>th</sup> May 2024	I	2:00 pm to 4:00 pm	Monday to Friday
2.	11 <sup>th</sup> April 2024 to 30 <sup>th</sup> May 2024	II	2:00 pm to 4:00 pm	Monday to Friday

Beneficiaries: B.Tech 2<sup>nd</sup> year students

Total Duration: 62 Hours

Venue: First Floor, Block-A, Computer Lab

Resource Person: Mr. Sumit Bajaj and Team, MCN Solutions

Program Coordinator

Annexure-Detailed Schedule

CC to:

Director IQAC

HOD, MIET

Coordinator, MIET

All Faculty Members

Notice Board







# Mangalmay Institute of Engineering & Technology

AN INSTITUTION OF MANGALMAY FOUNDATION TRUST

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## Schedule

Internship cum Add-On Training on Advance Python

B.tech-2<sup>nd</sup> Year (Section-A+B)

Hours:-62 hours

S. No	Date	Day	Timing	
1	11 <sup>th</sup> April 2024	Thursday	2:00pm to 4:00 pm	<b>Module-1: Introduction to Python</b> Setting up the Python Environment Installing Python and IDEs (PyCharm, VS Code, Jupyter Notebook)
2	12 <sup>th</sup> April 2024	Friday	2:00pm to 4:00 pm	<b>Basic Syntax and Structure</b> Indentation, Comments, and First Python Program
3	15 <sup>th</sup> April 2024	Monday	2:00 pm to 4:00 pm	<b>Variables and Data Types</b> Integers, Floats, Strings, Booleans, Type Casting <b>Basic Input/Output</b> Input() and print() functions
4	16 <sup>th</sup> April 2024	Tuesday	2:00 pm to 4:00 pm	<b>Module 2: Control Flow and Loops</b> <b>Conditional Statements</b> if, else, elif, Nested conditions <b>Loops</b> for loops, while loops, Loop control (break, continue) <b>Iterating Over Data Structures</b> Loops with lists, tuples, dictionaries
5	18 <sup>th</sup> April 2024	Thursday	2:00 pm to 4:00 pm	<b>Module 3: Functions</b> <b>Defining Functions</b> Syntax, Arguments, Return values <b>Lambda Functions</b> Anonymous functions, Use cases
6	19 <sup>th</sup> April 2024	Friday	2:00 pm to 4:00 pm	<b>Scope and Lifetime of Variables</b> Local and Global variables
7	22 <sup>nd</sup> April 2024	Monday	2:00 pm to 4:00 pm	<b>Module 4: Data Structures</b> <b>Lists and List Methods</b> Creating, Accessing, Modifying lists, List Comprehensions <b>Tuples</b> Properties, Use cases, Tuple operations
8	23 <sup>rd</sup> April 2024	Tuesday	2:00 pm to 4:00 pm	<b>Dictionaries</b> Key-Value pairs, Accessing and Modifying data <b>Sets</b> Uniqueness, Set operations, Applications
9	24 <sup>th</sup> April 2024	Wednesday	2:00 pm to 4:00 pm	<b>Module 5: Object-Oriented Programming (OOP)</b> <b>Introduction to OOP</b> Classes, Objects, Attributes <b>Methods and Constructors</b> Defining methods, init method
10	25 <sup>th</sup> April 2024	Thursday	2:00 pm to 4:00 pm	<b>Inheritance and Polymorphism</b> Single and Multiple Inheritance, Method overriding <b>Encapsulation and Abstraction</b> Private and Protected members, Abstract classes
11	26 <sup>th</sup> April 2024	Friday	2:00 pm to 4:00 pm	<b>Module 6: File Handling</b> <b>Working with Files</b> Reading from and Writing to files





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12	30 <sup>th</sup> April 2024	Tuesday	2:00 pm to 4:00 pm	<b>Handling File Exceptions</b> Using try-except with file operations
13	6 <sup>th</sup> May 2024	Monday	2:00 pm to 4:00 pm	<b>Module 7: Error Handling</b> <b>Exception Handling</b> try, except, finally, Raising exceptions
14	7 <sup>th</sup> May 2024	Tuesday	2:00 pm to 4:00 pm	<b>Creating Custom Exceptions</b> User-defined exceptions
15	8 <sup>th</sup> May 2024	Wednesday	2:00 pm to 4:00 pm	<b>Module 8: Python Modules and Packages</b> <b>Importing Modules</b> Standard libraries, Using import, from ... import
16	9 <sup>th</sup> May 2024	Thursday	2:00 pm to 4:00 pm	<b>Creating Custom Modules</b> How to create and import user-defined modules
17	10 <sup>th</sup> May 2024	Friday	2:00 pm to 4:00 pm	<b>Working with Packages</b> Directory structure, <code>__init__.py</code>
18	13 <sup>th</sup> May 2024	Monday	2:00 pm to 4:00 pm	<b>Module 9: Working with External Libraries</b> <b>Introduction to pip</b> Installing external libraries using pip
19	14 <sup>th</sup> May 2024	Tuesday	2:00 pm to 4:00 pm	<b>Popular Python Libraries Overview</b> NumPy, Pandas, Matplotlib, and their uses
20	15 <sup>th</sup> May 2024	Wednesday	2:00 pm to 4:00 pm	<b>Module 10: Working with Databases</b>
21	16 <sup>th</sup> May 2024	Thursday	2:00 pm to 4:00 pm	<b>Introduction to Databases</b> Overview of relational databases, SQL, basics
22	17 <sup>th</sup> May 2024	Friday	2:00 pm to 4:00 pm	<b>Connecting Python to Databases</b> Using sqlite3, Performing CRUD operations
23	20 <sup>th</sup> May 2024	Monday	2:00 pm to 4:00 pm	<b>Using pandas with Databases</b>
24	21 <sup>st</sup> May 2024	Tuesday	2:00 pm to 4:00 pm	Reading from and Writing to databases
25	22 <sup>nd</sup> May 2024	Wednesday	2:00 pm to 4:00 pm	<b>Module 11: Python for Data Science</b> <b>Introduction to Data Science with Python</b> Overview of Data Science process, Python's role
26	23 <sup>rd</sup> May 2024	Thursday	2:00 pm to 4:00 pm	<b>NumPy for Numerical Computing</b> Arrays, Mathematical operations, Broadcasting
27	24 <sup>th</sup> May 2024	Friday	2:00 pm to 4:00 pm	<b>Pandas for Data Manipulation</b> DataFrames, Importing/Exporting data, Manipulating data.
28	27 <sup>th</sup> May 2024	Monday	2:00 pm to 4:00 pm	<b>Data Visualization with Matplotlib</b> Plotting graphs, Customizing visualizations
29	28 <sup>th</sup> May 2024	Tuesday	2:00 pm to 4:00 pm	<b>Module 12: Web Scraping</b> <b>Introduction to Web Scraping</b> Legal aspects, Best practices
30	29 <sup>th</sup> May 2024	Wednesday	2:00 pm to 4:00 pm	<b>Using requests Library</b> Fetching web content
31	30 <sup>th</sup> May 2024	Thursday	2:00 pm to 4:00 pm	<b>Parsing HTML with BeautifulSoup</b> Extracting data from HTML structures
32	31 <sup>st</sup> May 2024	Friday	2:00 pm to 4:00 pm	<b>Evaluation</b>





## Report Advance Python Certification Course

**Training Name: Advance Python**

**Trainer Name: Mr. Sumit Bajaj and Team, MCN Solutions**

**Training Schedule: 11<sup>th</sup> April, 2024 to 30th May, 2024**

**Faculty Coordinator: Mr. Shubham Goel**

**Total Registered Students: 131**

**Training Completed: 131**

### Objective of the Advance Python Training

- ❖ Learn Python basics and syntax.
- ❖ Solve real-world problems with Python.
- ❖ Write clean, efficient, and maintainable code.
- ❖ Understand object-oriented programming (OOP).
- ❖ Work with data handling and processing.
- ❖ Build practical projects and applications.
- ❖ Explore Python's ecosystem and resources.

**11th April 2024**

#### **Introduction to Python – Setting up the Python Environment**

The first day of the training program focused on introducing Python as a programming language. We started by guiding students through the installation process for Python, ensuring they had the latest version set up on their systems. Along with Python, popular Integrated Development Environments (IDEs) like PyCharm, VS Code, and Jupyter Notebook were also installed to ensure that the students had a choice of tools for writing Python code. Each tool was discussed in detail, and students were encouraged to explore their features. After installation, we verified the setup by running a basic Python program, ensuring that everything was working correctly. The session ended with a brief introduction to Python's capabilities and the areas it can be applied in, such as web development, data analysis, and automation.

**12th April 2024**

#### **Basic Syntax and Structure**

On Day 2, we dove into the basic syntax and structure of Python. The key takeaway was Python's emphasis on simplicity and readability, which is achieved through indentation rather



than braces for block statements. We covered the syntax for writing Python programs, starting with a "Hello, World!" program. Students learned how to use indentation for creating logical blocks of code, which is fundamental to Python's syntax. The session also introduced the concept of comments, both single-line and multi-line, which are essential for writing clean and understandable code. Students were given exercises to write their own Python programs, implementing basic syntax and structure. By the end of the session, they had a solid understanding of how to structure a Python program and how to keep it clean with proper indentation and comments.

**15th April 2024**

### **Variables and Data Types**

Day 3 focused on variables and data types, fundamental concepts for any programming language. Students were introduced to different types of data that Python supports, including integers, floats, strings, and booleans. They learned how to assign values to variables and how Python dynamically assigns the type based on the value. Type casting, which allows converting from one data type to another, was also covered in detail. After discussing basic data types, we moved on to Python's input and output functions. Students practiced using the input() function to accept user input and the print() function to display results. The session involved hands-on exercises where students wrote programs that accepted user input, performed operations on it, and displayed the results.

**16th April 2024**

### **Control Flow and Loops**

On Day 4, the session introduced control flow structures like conditionals and loops. Students first learned about if, else, and elif statements, which control the flow of a program based on conditions. Nested conditions were also discussed, where one if statement is placed inside another. Students practiced writing programs with conditional logic to solve real-life problems. We then moved on to loops, specifically the for loop and while loop. The concept of iteration over lists, tuples, and dictionaries was explored in detail. Additionally, loop control mechanisms such as break and continue were introduced to allow more fine-grained control over loop execution. By the end of the session, students were comfortable using loops to iterate over various data structures.

**18th April 2024**

### **Functions**

On Day 5 focused on functions, one of the most important concepts in Python programming. Functions are essential for creating reusable and modular code. Students learned how to define functions using the def keyword, and how to pass arguments and return values. The syntax and structure of defining functions were explained, followed by hands-on exercises where students created their own functions. Additionally, we explored the concept of lambda functions—anonymous functions that can be defined in a single line of code. These functions are often used in situations where a function is needed temporarily. The session ended with practical exercises to reinforce the concepts of function creation and lambda functions.

**19th April 2024**

### **Scope and Lifetime of Variables**





On Day 6, we explored the concept of variable scope and lifetime, which determines where and how variables can be accessed in Python programs. Students learned the difference between local and global variables. A local variable is one that is defined within a function and can only be accessed inside that function, while a global variable is defined outside any function and can be accessed anywhere in the program. The concept of variable lifetime was also discussed, which is the duration for which a variable remains in memory. Practical examples were provided to demonstrate how variable scope impacts the accessibility and modification of variables across different parts of the program.

**22nd April 2024**

### **Data Structures – Lists and List Methods**

The focus of Day 7 was on Python's built-in data structures, specifically lists and tuples. Students were introduced to lists, which are mutable sequences that can store a collection of items. We discussed how to create lists, access elements, and modify them. Students learned about various list methods such as `append()`, `remove()`, `insert()`, and `pop()` to manipulate list data. They also explored list comprehensions, a concise way to create lists based on existing data. The session also introduced tuples, which are similar to lists but immutable. Students learned how to create, access, and manipulate tuples, and the advantages of using them in situations where immutability is required.

**23rd April 2024**

### **Dictionaries and Sets**

Day 8 covered two important data structures in Python: dictionaries and sets. Students were introduced to dictionaries, which store key-value pairs and allow for efficient data retrieval. The session covered creating dictionaries, adding and modifying key-value pairs, and accessing values using keys. Students also learned how to use dictionary methods like `keys()`, `values()`, and `items()`. The session also explored sets, which are unordered collections of unique elements. We discussed common set operations such as union, intersection, and difference, and the practical use of sets to eliminate duplicates from data. The session ended with exercises that allowed students to apply their knowledge of dictionaries and sets in real-world scenarios.

**24th April 2024**

### **Object-Oriented Programming (OOP)**

On Day 9, we introduced Object-Oriented Programming (OOP) concepts, which are fundamental to Python programming. Students learned about classes, which are blueprints for creating objects, and objects, which are instances of classes. The session covered the syntax for defining a class, creating attributes, and defining methods. The special `__init__` method, which is used for object initialization, was also explained in detail. Students practiced creating their own classes and instantiating objects. By the end of the session, students understood the basic concepts of OOP and were able to apply them by creating simple Python classes.

**25th April 2024**



## Inheritance and Polymorphism

Day 10 focused on advanced OOP concepts such as inheritance, polymorphism, encapsulation, and abstraction. Students learned how inheritance allows a class to inherit attributes and methods from another class, promoting code reuse. We covered single and multiple inheritance and the concept of method overriding, where a subclass can provide its own implementation of a method defined in the superclass. The session also explored encapsulation, which hides the internal details of an object and exposes only necessary information, and abstraction, which allows classes to define abstract methods that must be implemented by subclasses. Practical exercises allowed students to implement these concepts in their own programs.

### 26th April 2024 File Handling

On Day 11, students were introduced to file handling in Python. This module focused on reading from and writing to files, which is a common task in programming. We explored Python's built-in functions such as `open()`, `read()`, `write()`, and `close()`. Students learned how to open files in different modes like read (r), write (w), and append (a). The session also covered working with text files and performing basic file operations like reading and writing strings. Students were given hands-on exercises to practice file handling, such as reading data from a file and writing new data to a file.

### 30th April 2024 Handling File Exceptions

On Day 12, we covered how to handle exceptions during file operations. Students learned how to use try-except blocks to handle errors that might occur while working with files, such as trying to open a non-existent file or attempting to write to a read-only file. The session also explained the finally block, which ensures that resources like files are properly closed even if an exception occurs. Practical exercises were provided to help students implement error handling in their file operations, ensuring their code is robust and can gracefully handle unexpected situations.

### 6th May 2024 Error Handling – Exception Handling

Day 13 focused on exception handling, which is essential for managing errors that occur during program execution. Students were introduced to the try, except, and finally blocks, which allow Python programs to handle exceptions gracefully without crashing. The try block is used to execute code that may raise an error, the except block is used to catch and handle the error, and the finally block ensures that certain code (like closing a file or releasing resources) runs regardless of whether an error occurs. Students practiced implementing error handling in their code by writing programs that could handle common exceptions, such as division by zero and file handling errors. The session also covered how to raise exceptions manually using the raise keyword to create custom error conditions.

### 7th May 2024 Creating Custom Exceptions – User-defined exceptions





On Day 14, the focus shifted to creating custom exceptions, which allow for more specific error handling in Python programs. Students learned how to define their own exceptions by subclassing Python's built-in Exception class. We discussed the importance of creating meaningful exception classes that can provide clear error messages and help developers troubleshoot issues. By defining custom exceptions, students were able to implement more fine-tuned error handling in their applications. Practical exercises included creating a program that raised a custom exception when certain conditions were met, providing a clear error message tailored to the specific situation.

**8th May 2024**

### **Python Modules and Packages – Importing Modules**

Day 15 introduced the concept of Python modules and packages, which are essential for organizing and reusing code. We began by explaining how to import standard Python libraries using the import statement, which allows students to access predefined functionality without having to write it from scratch. We also covered the from ... import syntax, which allows students to import specific functions or classes from a module. Students practiced importing modules like math, random, and as to utilize their functions in programs. By the end of the session, students understood the difference between modules and packages and were able to use Python's built-in libraries effectively in their projects.

**9th May 2024**

### **How to create and import user-defined modules**

On Day 16, the focus was on creating custom modules. Students learned how to write their own Python files containing reusable code, which can then be imported into other Python programs. We discussed the importance of organizing code into modular chunks to improve readability and maintainability. The session covered the process of defining functions and classes in a module and how to import those elements into another Python script using the import keyword. Students also learned about the `__name__` variable, which helps in determining whether a module is being run as a standalone script or being imported into another script. The day ended with practical exercises where students created and imported their own modules.

**10th May 2024**

### **Working with Packages – Directory structure, `__init__.py`**

Day 17 delved deeper into Python packages, which are collections of related modules. Students learned how to structure directories to create a package, using the `__init__.py` file to indicate that a directory should be treated as a package. We discussed how to organize code within a package by creating submodules, which can be imported and used just like individual modules. The `__init__.py` file is essential for initializing the package and making its contents available for import. Students were given exercises to create their own packages and import modules from them. By the end of the session, students were able to understand the structure and usage of Python packages.

**13th May 2024**

### **Working with External Libraries – Introduction to pip**

Day 18 introduced students to working with external libraries in Python, which are not included in the standard library. The session focused on pip, Python's package installer.



which allows students to install libraries from the Python Package Index (PyPI). We demonstrated how to use pip to install popular libraries like requests, flask, and numpy directly from the command line. Students also learned how to check the version of installed libraries and how to uninstall them. The session provided an overview of why external libraries are important for enhancing Python's functionality and how they can be used to add specialized features to projects.

**14th May 2024**

### **Popular Python Libraries Overview – NumPy, Pandas, Matplotlib, and their uses**

On Day 19, we explored some of the most popular external libraries in Python: NumPy, Pandas, and Matplotlib. These libraries are widely used for data manipulation, analysis, and visualization. Students were introduced to NumPy for numerical computing, where they learned about arrays and mathematical operations that can be performed on them. Next, we covered Pandas, focusing on DataFrames and how they are used to manipulate and analyze structured data. The session also introduced Matplotlib for data visualization, demonstrating how to create basic plots and customize their appearance. Students were encouraged to experiment with these libraries in hands-on exercises to better understand their capabilities.

**15th May 2024**

### **Working with Databases**

Day 20 shifted focus to databases, a crucial skill for many Python developers. Students learned about relational databases and the basics of SQL (Structured Query Language), which is used to interact with databases. The session covered creating databases, tables, and performing simple queries such as SELECT, INSERT, UPDATE, and DELETE. Students practiced writing SQL queries directly in a Python script to interact with databases using Python's sqlite3 library. This library allows students to easily connect to SQLite databases, execute SQL queries, and retrieve or modify data. By the end of the day, students had a basic understanding of how databases work and how to integrate them with Python.

**16th May 2024 –**

### **Introduction to Databases – Overview of relational databases, SQL basics**

Day 21 expanded on relational databases, delving deeper into database concepts and SQL. Students learned about relational database management systems (RDBMS) and how data is stored in tables, with rows and columns. The session emphasized database normalization, which helps organize data to reduce redundancy and improve efficiency. We also covered the basics of SQL commands, focusing on SELECT for querying data and INSERT for adding new records to the database. Students practiced writing SQL queries to interact with a sample database, fetching records and manipulating data. By the end of the session, students were comfortable querying and updating databases using SQL.

**17th May 2024**

### **Connecting Python to Databases – Using sqlite3, Performing CRUD operations**

On Day 22, we explored connecting Python to databases using the sqlite3 module. Students learned how to establish a connection to an SQLite database from Python, execute SQL queries, and fetch results. The session focused on CRUD (Create, Read, Update, Delete) operations, which are essential for interacting with databases. Students wrote Python





programs that performed CRUD operations on an SQLite database, such as adding new records, retrieving data, updating existing records, and deleting records. The hands-on exercises provided students with practical experience in using Python to manage database data effectively.

### 20th May 2024 Using Pandas with Databases

Day 23 focused on integrating Pandas with databases, a powerful combination for data analysis. Students learned how to use the Pandas library to read from and write to databases, leveraging the `pandas.read_sql()` function to fetch data from an SQL database into a Pandas DataFrame. They also learned how to use the `to_sql()` function to write data from a DataFrame back into a database. The session provided examples of how to use Pandas' powerful data manipulation capabilities alongside SQL queries to perform complex data analysis tasks. Students practiced by working with a sample database and using Pandas to manipulate and analyze the data.

### 21st May 2024 Reading from and Writing to Databases

Day 24 was dedicated to teaching students how to read from and write to databases using Python. Students were introduced to the concept of using SQL queries to retrieve data and insert or update records in a database. We used the `sqlite3` module to practice writing SQL queries in Python and executing them against a sample database. Students also learned how to fetch query results and display them in Python, as well as how to update or insert new records into a database directly from Python programs. This session provided practical experience in managing data through Python, which is essential for data-driven applications.

### 22nd May 2024 Python for Data Science – Introduction to Data Science with Python

Day 25 introduced the concept of Data Science and Python's significant role in this field. Students were given an overview of the Data Science process, which includes data collection, data cleaning, data analysis, and data visualization. Python was highlighted as one of the most popular languages for Data Science, thanks to its powerful libraries like NumPy, Pandas, and Matplotlib. The session focused on how Python is used to analyze large datasets, perform statistical operations, and extract valuable insights. Students learned about the importance of data preprocessing and how Python facilitates working with large volumes of data efficiently.

### 23rd May 2024 NumPy for Numerical Computing – Arrays, Mathematical Operations, Broadcasting

On Day 26, the focus was on NumPy, a fundamental library for numerical computing in Python. Students were introduced to NumPy arrays, which provide a more efficient way to store and manipulate data compared to Python's built-in lists. We explored basic operations like addition, subtraction, and element-wise operations on arrays. The concept of broadcasting was also introduced, allowing students to perform operations on arrays of different shapes. Practical exercises involved creating NumPy arrays, performing mathematical operations on them, and using broadcasting to work with arrays of varying



dimensions. By the end of the session, students had a solid foundation in using NumPy for numerical computations.

**24th May 2024**

### **Pandas for Data Manipulation – DataFrames, Importing/Exporting Data, Manipulating Data**

Day 27 focused on Pandas, a powerful library for data manipulation and analysis. Students learned how to work with Pandas DataFrames, which are two-dimensional labeled data structures. We covered how to import data from various formats (like CSV and Excel) into a DataFrame and how to export DataFrames back into different formats. The session also covered various techniques for manipulating data within a DataFrame, such as filtering, grouping, and sorting. Students practiced analyzing real-world datasets and performing operations such as data cleaning, transformation, and aggregation. This hands-on experience equipped them with essential skills for working with structured data.

**27th May 2024 –**

### **Data Visualization with Matplotlib – Plotting Graphs, Customizing Visualizations**

Day 28 focused on data visualization using Matplotlib, a popular library in Python for creating static, animated, and interactive plots. Students were introduced to the different types of visualizations available, including line charts, bar graphs, and histograms. The session emphasized how to customize plots by adding titles, labels, and legends, and how to adjust visual elements like colors and styles to improve the clarity of visualizations. Students worked on plotting data from real datasets, exploring trends, and presenting data insights visually. By the end of the session, students were comfortable creating meaningful and visually appealing graphs.

**28th May 2024**

### **Web Scraping – Introduction to Web Scraping**

On Day 29, we introduced the concept of web scraping, a technique used to extract data from websites. Students learned about the legal aspects of web scraping, including respecting a website's robots.txt file and understanding the ethical considerations. The session also covered best practices for web scraping, such as avoiding overloading websites with too many requests and handling data responsibly. Students were shown how to use web scraping techniques to collect data from publicly available websites for analysis. The importance of web scraping in Data Science and research was discussed, and students were given the opportunity to scrape simple web pages to gather structured data.

**29th May 2024**

### **Using Requests Library – Fetching Web Content**

Day 30 focused on using Python's requests library to fetch web content. Students were shown how to send HTTP requests to websites and retrieve the content in various formats (such as HTML). We explored the different HTTP methods like GET and POST, and how to use them to interact with websites. The session provided hands-on practice with using the requests library to retrieve data from web pages, which is the first step in web scraping. Students were encouraged to experiment with different websites and fetch data from them for analysis in subsequent sessions.





**30th May 2024 –  
Parsing HTML with BeautifulSoup – Extracting Data from HTML Structures**

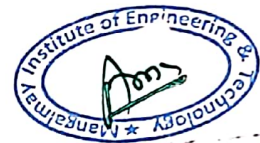
On Day 31, the session focused on parsing HTML content using the BeautifulSoup library. BeautifulSoup allows students to easily navigate HTML structures and extract specific pieces of data. Students learned how to locate HTML elements using tags, classes, and attributes, and how to extract data like links, images, and text from web pages. The session also covered how to clean and format the extracted data for further use. Hands-on exercises helped students practice scraping data from web pages, including extracting lists of items, prices, and other useful information from e-commerce websites. By the end of the session, students were proficient in using BeautifulSoup for web scraping.

**31st May 2024  
Evaluation**

The final day of the training program was dedicated to evaluation. Students took part in a comprehensive assessment that tested their knowledge and skills acquired throughout the training. The evaluation covered all modules, including Python basics, error handling, data science libraries, web scraping, and database integration. It included both theoretical questions and practical exercises, where students were asked to write Python code to solve problems. The assessment helped identify areas where students excelled and areas that needed further practice. The session concluded with feedback from both students and instructors, discussing strengths and areas for improvement, followed by the awarding of certificates.

**Outcome of the Advance Python Training**

- ❖ Proficiency in writing Python code.
- ❖ Strong problem-solving using algorithms and data structures.
- ❖ Understanding of object-oriented programming (OOP).
- ❖ Ability to automate tasks and processes.
- ❖ Competence in handling and analyzing data.
- ❖ Experience in developing and deploying Python projects.
- ❖ Preparedness for real-world applications and scenarios.



Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(11/04/2024 to 30/05/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																												Total (31)	Percentage				
			11.04.2024	12.04.2024	15.04.2024	16.04.2024	18.04.2024	19.04.2024	22.04.2024	23.04.2024	24.04.2024	25.04.2024	26.04.2024	30.04.2024	06.05.2024	07.05.2024	08.05.2024	09.05.2024	10.05.2024	13.05.2024	14.05.2024	15.05.2024	16.05.2024	17.05.2024	20.05.2024	21.05.2024	22.05.2024	23.05.2024	24.05.2024	27.05.2024			28.05.2024	29.05.2024	30.05.2024	
1	21078601000444	ADARSH TIWARI	A	P	A	P	P	A	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	81	
2	210786010083903	VAIBHAV PRATAP SINGH	P	P	P	P	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
3	220786010001501	ABHAY KUMAR YADAV	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	26	84
4	220786010002261	ABHINAV NAUDIYAL	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	A	P	P	A	P	P	A	P	A	P	A	P	P	P	P	P	P	24	77
5	220786010003018	ABHISHEK KUMAR	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90
6	220786010003229	ABHISHEK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94
7	220786010003796	ABHISHEK RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
8	220786010003971	ABHISHEK SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100
9	220786010004310	ABHISHEK VERMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100
10	220786010004811	ADARSH KUMAR DIXIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100
11	220786010005566	ADITYA CHATURVEDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
12	220786010005846	ADITYA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
13	220786010006585	ADITYA SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	28	90
14	220786010007047	AHMAD KAFIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	28	90
15	220786010008481	AKASH KUMAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	29	94
16	220786010010557	AMAN DUBEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	29	94
17	220786010010744	AMAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P	27	87
18	220786010010941	AMAN KUMAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	27	87
19	220786010010962	AMAN KUMAR SINGH	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	A	P	A	P	A	P	A	P	P	A	P	P	P	P	P	24	77
20	220786010013835	ANIKET DWIVEDI	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	A	P	P	A	P	P	A	P	P	A	A	P	P	P	P	24	77
21	220786010013974	ANIKET SINGH CHAUHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	P	A	P	P	A	A	P	P	P	P	P	26	84
22	220786010014069	ANIL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	26	84
23	220786010014226	ANISH KUMAR	P	P	P	P	A	A	A	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	81
24	220786010015011	ANKIT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P	A	P	A	A	A	A	P	P	P	P	P	24	77
25	220786010015417	ANKIT RAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	29	94
26	220786010015486	ANKIT SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	A	P	A	P	P	P	P	P	P	28	90
27	220786010015839	ANKITA SARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A	P	A	P	P	P	P	P	P	27	87
28	220786010017824	ANUJ GIRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	A	P	P	P	P	P	P	P	28	90
29	220786010019205	ANVESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	A	P	P	P	P	P	P	28	90
30	220786010020688	ARUN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	28	90
31	220786010021526	ARYAN SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	29	94

Coordinator Sign.



## Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(11/04/2024 to 30/05/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																												Total (31)	Percentage						
			11.04.2024	12.04.2024	15.04.2024	16.04.2024	18.04.2024	19.04.2024	22.04.2024	23.04.2024	24.04.2024	25.04.2024	26.04.2024	30.04.2024	06.05.2024	07.05.2024	08.05.2024	09.05.2024	10.05.2024	13.05.2024	14.05.2024	15.05.2024	16.05.2024	17.05.2024	20.05.2024	21.05.2024	22.05.2024	23.05.2024	24.05.2024	27.05.2024			28.05.2024	29.05.2024	30.05.2024			
32	220786010022066	ASHISH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	27	87	
33	220786010022684	ASHU TIWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90
34	220786010022821	ASHUTOSH KUMAR JHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
35	220786010025749	AYUSHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
36	220786010027152	BRAJENDRA KUMAR RAIKY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	25	81	
37	220786010027485	CHANDAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	27	87	
38	220786010027901	CHHAYA KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
39	220786010028552	DEEPAK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
40	220786010028736	DEEPAK KUMAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	27	87	
41	220786010029636	DEV SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
42	220786010030733	DHRUV KUMAR GAUTAM	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	A	P	P	A	P	A	P	P	P	P	P	25	81	
43	220786010031603	DIVYANSH MISHRA	P	P	P	P	A	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87	
44	220786010031885	DIVYANSHU RAJ	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
45	220786010032780	FAROGH ANJUM	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
46	220786010032872	G GOKUL	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
47	220786010033384	GAURAV KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
48	220786010033953	GAUTAM YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	30	97	
49	220786010034465	GULSHAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	30	97	
50	220786010034579	GURMEET SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	31	100	
51	220786010035025	HARIOM DUBEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100	
52	220786010035968	HARSH SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100	
53	220786010036689	HARSHIT SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97	
54	220786010037067	HAZIQUE RAZA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	30	97	
55	220786010037709	HIMANSHU KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	29	94	
56	220786010038023	HIMANSHU SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	29	94	
57	220786010039525	JATIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	29	94	
58	220786010039590	JATIN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
59	220786010039722	JAVED SHAIKH	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
60	220786010040188	JIYA KUMARI	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
61	220786010041116	KANHAIYA PRAJAPATI	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
62	220786010041146	KANIKA JAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	

Coordinator Sign.





Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(11/04/2024 to 30/05/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																												Total (31)	Percentage				
			11.04.2024	12.04.2024	15.04.2024	16.04.2024	18.04.2024	19.04.2024	22.04.2024	23.04.2024	24.04.2024	25.04.2024	26.04.2024	30.04.2024	06.05.2024	07.05.2024	08.05.2024	09.05.2024	10.05.2024	13.05.2024	14.05.2024	15.05.2024	16.05.2024	17.05.2024	20.05.2024	21.05.2024	22.05.2024	23.05.2024	24.05.2024	27.05.2024			28.05.2024	29.05.2024	30.05.2024	
63	220786010041371	KAPIL SAGAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
64	220786010041556	KARAN SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94
65	220786010042040	KASHISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
66	220786010042047	KASHISH BANSAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
67	220786010043370	KISHAN SENGAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	A	A	P	A	A	P	A	A	P	P	P	P	31	100
68	220786010048074	MANAS MISHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	25	81
69	220786010049642	MAYANK AGGARWAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	28	90
70	220786010050105	MD AMJAD ALAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	29	94
71	220786010052584	MOHD FARHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	28	90
72	220786010052923	MOHD MUJTABA NIZAMI	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	29	94
73	220786010053241	MOHD SAMAR	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
74	220786010053289	MOHD SAQIB ANSARI	P	P	P	P	P	P	A	A	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	84
75	220786010054228	MOHIT PATWAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	P	P	A	P	P	P	P	P	P	P	P	25	81
76	220786010056408	NAVEEN KUMAR MAURYA	P	P	P	A	A	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	81
77	220786010057051	NEHA DAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	26	84
78	220786010057241	NEHA YADAV	P	P	P	P	P	P	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	84
79	220786010057797	NIKHIL KUMAR YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	A	P	A	P	P	A	P	P	25	81
80	220786010058973	NITESH KUMAR	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	25	81
81	220786010060995	PAVNEESH KUMAR	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	25	81
82	220786010061022	PAWAN JOSHI	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P	26	84
83	220786010061584	PIYUSH SHARMA	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	25	81
84	220786010063612	PRASHANT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	27	87
85	220786010065124	PRINCE KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	28	90
86	220786010065240	PRINCE PATEL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	29	94
87	220786010065362	PRINCE YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A	P	A	P	A	P	P	P	P	P	26	84
88	220786010065819	PRIYAM NAYAK	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	25	81
89	220786010066496	PRIYANSHU RAI	P	P	P	P	P	P	A	P	A	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	84
90	220786010066505	PRIYANSHU RAJPUT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P	A	A	A	A	A	P	P	P	P	P	24	77
91	220786010066825	PUNEET KUMAR SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P	28	90
92	220786010067066	PUSHPENDRA RAWAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	28	90
93	220786010068207	RAHUL VERMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	29	94

Coordinator Sign.



Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(11/04/2024 to 30/05/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																												Total (31)	Percentage				
			11.04.2024	12.04.2024	15.04.2024	16.04.2024	18.04.2024	19.04.2024	22.04.2024	23.04.2024	24.04.2024	25.04.2024	26.04.2024	30.04.2024	06.05.2024	07.05.2024	08.05.2024	09.05.2024	10.05.2024	13.05.2024	14.05.2024	15.05.2024	16.05.2024	17.05.2024	20.05.2024	21.05.2024	22.05.2024	23.05.2024	24.05.2024	27.05.2024			28.05.2024	29.05.2024	30.05.2024	
94	220786010069346	RAJNISH PATHAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87	
95	220786010070461	RAUNAK RAJ	P	P	P	P	A	P	A	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94
96	220786010071461	RISHABH BHATI	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90
97	220786010071657	RISHABH PANJORIA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
98	220786010071885	RISHAV KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	84
99	220786010071895	RISHAV RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
100	220786010073551	ROHIT KASHYAP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100
101	220786010073945	ROHIT SINGH BHADORIA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	81
102	220786010078347	SANYA TOMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	84
103	220786010078510	SARFARAZ ANSARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90
104	220786010080209	SAURABH RATHOR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
105	220786010080376	SAURABH TIWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94
106	220786010081911	SHARANSH JHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25	81
107	220786010083780	SHIVAM KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90
108	220786010085857	SHRADDHA MISHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
109	220786010086383	SHREYANSH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
110	220786010087254	SHUBHAM KUMAR MALLIC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
111	220786010087972	SHWET CHAUHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100
112	220786010089413	SONAM KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100
113	220786010090923	SUJIT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90
114	220786010091502	SUMIT TRIPATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94
115	220786010092462	SURYA PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
116	220786010092717	SUSHIL KUMAR	P	P	P	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	25	81
117	220786010093127	SWETA KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26	84
118	220786010093483	TANISHKA KAUR SURI	P	P	P	P	P	A	P	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	25	81
119	220786010096325	UTTAM KUMAR	P	P	P	P	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	28	90	
120	220786010100542	VISHAL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94
121	220786010100665	VISHAL KUMAR BHAGAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87
122	220786010101733	VIVEK KUMAR	P	P	P	A	A	P	P	P	A	P	P	P	A	P	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	26	84
123	220786010102041	VIVEK SINGH BHADAURIY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
124	220786010103559	YOGYATA SHARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31	100

Coordinator Sign.

## Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(11/04/2024 to 30/05/2024)

Sr. No.	Student enrollment number	Name	Attendance Details																												Total (31)	Percentage						
			11.04.2024	12.04.2024	15.04.2024	16.04.2024	18.04.2024	19.04.2024	22.04.2024	23.04.2024	24.04.2024	25.04.2024	26.04.2024	30.04.2024	06.05.2024	07.05.2024	08.05.2024	09.05.2024	10.05.2024	13.05.2024	14.05.2024	15.05.2024	16.05.2024	17.05.2024	20.05.2024	21.05.2024	22.05.2024	23.05.2024	24.05.2024	27.05.2024			28.05.2024	29.05.2024	30.05.2024			
125	230786010055502	MOHD SAHID RAZA KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97	
126	230786010050451	MANDISHA KUSHIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
127	230786010005799	ADITYA ARYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
128	230786010004717	ABRAJ KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29	94	
129	230786010045633	KHUSHNOOR SARWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
130	230786010019118	ANUP KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28	90	
131	#N/A	ANKUSH SHRIVASTAVA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27	87	



Coordinator Sign.





Sr. No.	Year of Enrollment	Name	Student enrollment number	Status Registered/Completed
1	2021	ADARSH TIWARI	210786010004444	Completed
2	2021	VAIBHAV PRATAP SINGH	210786010083903	Completed
3	2022	ABHAY KUMAR YADAV	220786010001501	Completed
4	2022	ABHINAV NAUDIYAL	220786010002261	Completed
5	2022	ABHISHEK KUMAR	220786010003018	Completed
6	2022	ABHISHEK KUMAR	220786010003229	Completed
7	2022	ABHISHEK RAJ	220786010003796	Completed
8	2022	ABHISHEK SHARMA	220786010003971	Completed
9	2022	ABHISHEK VERMA	220786010004310	Completed
10	2022	ADARSH KUMAR DIXIT	220786010004811	Completed
11	2022	ADITYA CHATURVEDI	220786010005566	Completed
12	2022	ADITYA KUMAR	220786010005846	Completed
13	2022	ADITYA SINGH	220786010006585	Completed
14	2022	AHMAD KAFIL	220786010007047	Completed
15	2022	AKASH KUMAR SINGH	220786010008481	Completed
16	2022	AMAN DUBEY	220786010010557	Completed
17	2022	AMAN KUMAR	220786010010744	Completed
18	2022	AMAN KUMAR SINGH	220786010010941	Completed
19	2022	AMAN KUMAR SINGH	220786010010962	Completed
20	2022	ANIKET DWIVEDI	220786010013835	Completed
21	2022	ANIKET SINGH CHAUHAN	220786010013974	Completed
22	2022	ANIL KUMAR	220786010014069	Completed
23	2022	ANISH KUMAR	220786010014226	Completed
24	2022	ANKIT KUMAR	220786010015011	Completed
25	2022	ANKIT RAI	220786010015417	Completed
26	2022	ANKIT SHARMA	220786010015486	Completed
27	2022	ANKITA SARKAR	220786010015839	Completed
28	2022	ANUJ GIRI	220786010017824	Completed
29	2022	ANVESH KUMAR	220786010019205	Completed
30	2022	ARUN KUMAR	220786010020688	Completed
31	2022	ARYAN SINGH	220786010021526	Completed
32	2022	ASHISH KUMAR	220786010022066	Completed
33	2022	ASHU TIWARI	220786010022684	Completed
34	2022	ASHUTOSH KUMAR JHA	220786010022821	Completed
35	2022	AYUSHI	220786010025749	Completed
36	2022	BRAJENDRA KUMAR RAIKWA	220786010027152	Completed
37	2022	CHANDAN KUMAR	220786010027485	Completed
38	2022	CHHAYA KUMARI	220786010027901	Completed
39	2022	DEEPAK KUMAR	220786010028552	Completed
40	2022	DEEPAK KUMAR SINGH	220786010028736	Completed
41	2022	DEV SHARMA	220786010029636	Completed
42	2022	DHRUV KUMAR GAUTAM	220786010030733	Completed
43	2022	DIVYANSH MISHRA	220786010031603	Completed



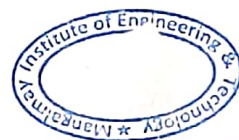


44	2022	DIVYANSHU RAJ	220786010031885	Completed
45	2022	FAROGH ANJUM	220786010032780	Completed
46	2022	G GOKUL	220786010032872	Completed
47	2022	GAURAV KUMAR	220786010033384	Completed
48	2022	GAUTAM YADAV	220786010033953	Completed
49	2022	GULSHAN KUMAR	220786010034465	Completed
50	2022	GURMEET SINGH	220786010034579	Completed
51	2022	HARIOM DUBEY	220786010035025	Completed
52	2022	HARSH SINGH	220786010035968	Completed
53	2022	HARSHIT SINGH	220786010036689	Completed
54	2022	HAZIQUE RAZA	220786010037067	Completed
55	2022	HIMANSHU KUMAR	220786010037709	Completed
56	2022	HIMANSHU SINGH	220786010038023	Completed
57	2022	JATIN	220786010039525	Completed
58	2022	JATIN KUMAR	220786010039590	Completed
59	2022	JAVED SHAIKH	220786010039722	Completed
60	2022	JIYA KUMARI	220786010040188	Completed
61	2022	KANHAIYA PRAJAPATI	220786010041116	Completed
62	2022	KANIKA JAIN	220786010041146	Completed
63	2022	KAPIL SAGAR	220786010041371	Completed
64	2022	KARAN SINGH	220786010041556	Completed
65	2022	KASHISH	220786010042040	Completed
66	2022	KASHISH BANSAL	220786010042047	Completed
67	2022	KISHAN SENGAR	220786010043370	Completed
68	2022	MANAS MISHRA	220786010048074	Completed
69	2022	MA YANK AGGARWAL	220786010049642	Completed
70	2022	MD AMJAD ALAM	220786010050105	Completed
71	2022	MOHD FARHAN	220786010052584	Completed
72	2022	MOHD MUJTABA NIZAMI	220786010052923	Completed
73	2022	MOHD SAMAR	220786010053241	Completed
74	2022	MOHD SAQIB ANSARI	220786010053289	Completed
75	2022	MOHIT PATWAL	220786010054228	Completed
76	2022	NAVEEN KUMAR MAURYA	220786010056408	Completed
77	2022	NEHA DAS	220786010057051	Completed
78	2022	NEHA YADAV	220786010057241	Completed
79	2022	NIKHIL KUMAR YADAV	220786010057797	Completed
80	2022	NITESH KUMAR	220786010058973	Completed
81	2022	PAVNEESH KUMAR	220786010060995	Completed
82	2022	PAWAN JOSHI	220786010061022	Completed
83	2022	PIYUSH SHARMA	220786010061584	Completed
84	2022	PRASHANT KUMAR	220786010063612	Completed
85	2022	PRINCE KUMAR	220786010065124	Completed
86	2022	PRINCE PATEL	220786010065240	Completed
87	2022	PRINCE YADAV	220786010065362	Completed
88	2022	PRIYAM NAYAK	220786010065819	Completed





89	2022	PRIYANSHU RAI	220786010066496	Completed
90	2022	PRIYANSHU RAJPUT	220786010066505	Completed
91	2022	PUNEET KUMAR SHARMA	220786010066825	Completed
92	2022	PUSHPENDRA RAWAT	220786010067066	Completed
93	2022	RAHUL VERMA	220786010068207	Completed
94	2022	RAJNISH PATHAK	220786010069346	Completed
95	2022	RAUNAK RAJ	220786010070461	Completed
96	2022	RISHABH BHATI	220786010071461	Completed
97	2022	RISHABH PANJORIA	220786010071657	Completed
98	2022	RISHAV KUMAR	220786010071885	Completed
99	2022	RISHAV RAJ	220786010071895	Completed
100	2022	ROHIT KASHYAP	220786010073551	Completed
101	2022	ROHIT SINGH BHADORIA	220786010073945	Completed
102	2022	SANYA TOMAR	220786010078347	Completed
103	2022	SARFARAZ ANSARI	220786010078510	Completed
104	2022	SAURABH RATHOR	220786010080209	Completed
105	2022	SAURABH TIWARI	220786010080376	Completed
106	2022	SHARANSH JHA	220786010081911	Completed
107	2022	SHIVAM KUMAR	220786010083780	Completed
108	2022	SHRADDHA MISHRA	220786010085857	Completed
109	2022	SHREYANSH KUMAR	220786010086383	Completed
110	2022	SHUBHAM KUMAR MALLICK	220786010087254	Completed
111	2022	SHWET CHAUHAN	220786010087972	Completed
112	2022	SONAM KUMARI	220786010089413	Completed
113	2022	SUJIT KUMAR	220786010090923	Completed
114	2022	SUMIT TRIPATHI	220786010091502	Completed
115	2022	SURYA PRAKASH	220786010092462	Completed
116	2022	SUSHIL KUMAR	220786010092717	Completed
117	2022	SWETA KUMARI	220786010093127	Completed
118	2022	TANISHKA KAUR SURI	220786010093483	Completed
119	2022	UTTAM KUMAR	220786010096325	Completed
120	2022	VISHAL KUMAR	220786010100542	Completed
121	2022	VISHAL KUMAR BHAGAT	220786010100665	Completed
122	2022	VIVEK KUMAR	220786010101733	Completed
123	2022	VIVEK SINGH BHADAURIYA	220786010102041	Completed
124	2022	YOGYATA SHARMA	220786010103559	Completed
125	2023	MOHD SAHID RAZA KHAN	230786010055502	Completed
126	2023	MANDISHA KOUSHIK	230786010050451	Completed
127	2023	ADITYA ARYAN	230786010005799	Completed
128	2023	ABRAJ KHAN	230786010004717	Completed
129	2023	KHUSHNOOR SARWAR	230786010045633	Completed
130	2023	ANUP KUMAR	230786010019118	Completed
131	2023	ANKUSH SHRIVASTAVA	#N/A	Completed



# Certificate

OF INTERNSHIP

This Certificate is Conferred to

**PRIYAM NAYAK**

a student of B.Tech 2nd Year (2023-24) of MIET, Greater Noida for successfully completing his/her Internship cum Add-On Program on Advanced Python Training with Project

*We wish him/her all success in future endeavour*

Duration : Apr 11, 2024 - May 30, 2024



**Bhasker Das**  
Chief Strategy Officer