







Campus: 8, Knowledge Park II, Greater Norda (U.F.)

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MIET/EVENT/2024-25/24A

Date:-26thDecember 2023

NOTICE

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

Schedule for the training

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

Beneficiaries: B.Tech 2nd year students

Total Duration: 62 Hours

Venue: First Floor, Block-A, Computer Lab

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

🐅 Coordinator

Annexure-Detailed Schedule

· CC to:

Director IQAC HOD, MIET Coordinator, MIET All Faculty Members Notice Board





Mangalmay Institute of Engineering & Technology

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Schedule

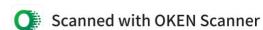
Add-On Training on Advance Python

B. Tech IInd Year (Section-C+D)

Hours:-62 hours

S. No	Date	Day	Timing	
1	8 th January 2024	Monday	2:00 pm to 4:00 pm	Module-1:Introduction to Python Setting up the Python Environment Installing Python and IDEs (PyCharm, VS Code, Jupyter Notebook)
2	9 th January 2024	Tuesday	2:00 pm to 4:00 pm	Basic Syntax and Structure Indentation, Comments, and First Python Program
3	10 th January 2024	Wednesday	2:00 pm to 4:00 pm	Variables and Data Types Integers, Floats, Strings, Booleans, Type Casting Basic Input/Output Input() and print() functions
4	11th January 2024	Thursday	2:00 pm to 4:00 pm	Module 2: Control Flow and Loops Conditional Statements if, else, elif. Nested conditions Loops for loops, while loops, Loop control (break, continue) Iterating Over Data Structures Loops with lists, tuples, dictionaries
5	12 th January 2024	Friday	2:00 pm to 4:00 pm	Module 3: Functions Defining Functions Syntax, Arguments, Return values Lambda Functions Anonymous functions, Use cases
6	16 th January 2024	Tuesday	2:00 pm to 4:00 pm	Scope and Lifetime of Variables Local and Global variables
7	17 th January 2024	Wednesday	2:00 pm to 4:00 pm	Module 4: Data Structures Lists and List Methods Creating, Accessing, Modifying lists, List Comprehensions Tuples
8	18 th January 2024	Thursday	2:00 pm to 4:00 pm	Properties, Use cases, Tuple operations Dictionaries Key-Value pairs, Accessing and Modifying data Sets Uniqueness, Set operations, Applications
9	19 th January 2024	Friday	2:00 pm to 4:00 pm	Module 5: Object-Oriented Programming (OOP) Introduction to OOP Classes, Objects, Attributes Methods and Constructors Defining methods,init method
10	23 th January 2024	Monday	2:00 pm to 4:00 pm	Inheritance and Polymorphism Single and Multiple Inheritance, Method overriding Encapsulation and Abstraction Private and Protected members, Abstract classes
11	24 th January 2024	Tuesday	2:00 pm to 4:00 pm	Module 6: File Handling Working with Files Reading from and Writing to files







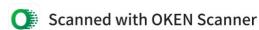
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Campus 8, Knowledge Park II. Greater Norda (U.P.). Institution office: C.116. Sector 19. Norda 201303 (U.P.). e-mail, mins, gmoidallyahoo to m. #h 01/07/20400 21/20401 #h 01/07/20181 25/2/17 ## 01/07/5/546

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	12	5th February 2024	Monday	2:00 pm to 4:00 pm	Handling File Exceptions Using try-except with file operations
	-				Module 7: Error Handling
	13	7th February 2024	Wednesday	2:00 pm to 4:00 pm	Exception Handling
					try, except, finally, Raising exceptions
	11		-	100	G. the Custom Exportions
	14	9th February 2024	Friday	2:00 pm to 4:00 pm	Creating Custom Exceptions
					User-defined exceptions
	15	1 st April 2024	Monday	2:00 pm to 4:00 pm	Module 8: Python Modules and Packages
		, , , , , , , , , , , , , , , , , , , ,			Importing Modules
					Standard libraries, Using import, from import
	16	3 rd April 2024	Wednesday	2:00 pm to 4:00 pm	Creating Custom Modules
		5 Apr. 102	canceauty	2.00 pm to 1.00 pm	How to create and import user-defined modules
	17	5 th April 2024	Friday	2:00 pm to 4:00 pm	Working with Packages
		3 April 2024	Triday	2,00 pm to 4,00 pm	Directory structure,initpy
	18	8 th April 2024	Monday	2:00 pm to 4:00 pm	Module 9: Working with External Libraries
	. 0	6 April 2024	Wienday	2.00 pm to 4.00 pm	Introduction to pip
D.					Installing external libraries using pip
	19	10 th April 2024	Wednesday	2:00 pm to 4:00 pm	Popular Python Libraries Overview
	.,	10 April 2024	Wednesday	2.00 pm to 4.00 pm	NumPy, Pandas, Matplotlib, and their uses
	20	1211 1-11 2024	Friday	2:00 pm to 4:00 pm	Module 10: Working with Databases
	20	12 th April 2024	riday	2.00 pm to 4.00 pm	module for working
	21	15th A	Monday	2:00 pm to 4:00 pm	Introduction to Databases
	21	15 th April 2024	Wionday	2.00 pm to 4.00 pm	Overview of relational databases, SQL basics
	22	1 2 1 2 0 2 4	F.:J	2:00 pm to 4:00 pm	Connecting Python to Databases
	22	19 th April 2024	Friday	2:00 pm to 4:00 pm	Using sqlite3, Performing CRUD operations
	22	200d + 11 2024	M	2.00 mm to 4.00 mm	Using pandas with Databases
	23	22 nd April 2024	Monday	2:00 pm to 4:00 pm	Osing pandas with Databases
	24	2 4th 4 '1 2024	117 - 1 1	2:00 pm to 4:00 pm	Reading from and Writing to databases
	24	24 th April 2024	Wednesday	2:00 pm to 4:00 pm	Reading from and writing to databases
	25	1 2 cth 4 11 2024	D'I	2.00 4- 4.00	Module 11: Python for Data Science
	25	26 th April 2024	Friday	2:00 pm to 4:00 pm	Introduction to Data Science with Python
					Overview of Data Science process, Python's role
	26	th		0.00	NumPy for Numerical Computing
	26	29 th April 2024	Monday	2:00 pm to 4:00 pm	Arrays, Mathematical operations, Broadcasting
-					Arrays, Mathematical operations, Broadcasting
	27	1 st May 2024	Wednesday	2:00 pm to 4:00 pm	Pandas for Data Manipulation
					DataFrames, Importing/Exporting data, Manipulating
					data.
	28	3 rd May 2024	Friday	2:00 pm to 4:00 pm	Data Visualization with Matplotlib
		,			Plotting graphs, Customizing visualizations
	29	6 th May 2024	Monday	2:00 pm to 4:00 pm	Module 12: Web Scraping
			1-	* 8	Introduction to Web Scraping
1					Legal aspects, Best practices
	30	8 th May 2024	Wednesday	2:00 pm to 4:00 pm	Using requests Library
					Fetching web content
	31	10 th May 2024	Friday	2:00 pm to 4:00 pm	Parsing HTML with BeautifulSoup
					Extracting data from HTML structures
	32	13 th May 2024	Monday	2:00 pm to 4:00 pm	Evaluation
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Report -Advance Python Certification Course

Training Name: Advance Python

Trainer Name: Mr.Sumit Bajaj and Team, MCN Solutions Training Schedule: 8th January, 2024 to 10th May, 2024

Faculty Coordinator: Mr. Shubham Goel

Total Registered Students: 121
Training Completed Students: 121

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

8th January 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.

9th January 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.





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10th January 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.

11th January 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.

12th January 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.

16th January 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





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examples were provided to demonstrate how variable scope impacts the accessibility and modification of variables across different parts of the program.

17th January 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.

18th January 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.

19th January 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.

23rd January 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.





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24th January 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.

5th February 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.

7th February 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.

9th February 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.

> 1th April 2024 Python Modules and Packages - Importing Modules







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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.

3rdApril 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.

5thApril 2024 Working with Packages – Directory structure, __init__.py

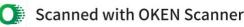
Day 17 delved deeper into Python packages, which are collections of related modules. Students learned how to structure directories to create a package, using the __init__.py file to indicate that a directory should be treated as a package. We discussed how to organize code within a package by creating 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.

8thApril 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.

10thApril 2024 Popular Python Libraries Overview – NumPy, Pandas, Matplotlib, and their uses







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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 Data-Frames 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.

12thApril 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.

15thApril 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.

19thApril 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.

22ndApril 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.







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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.

24th April 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.

26th April 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.

29th April 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.

1stMay 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







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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.

3rd 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.

6thMay 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.

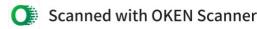
8thMay 2024 Using Requests Library – Fetching Web Content

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.

10th 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







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other useful information from e-commerce websites. By the end of the session, students were proficient in using BeautifulSoup for web scraping.

13^h 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.



Mangalmay Institute Of Engineering And Technology, Greater Noida Session-2023-24

Students Detail(B.Tech-Second Year)

Name of Add On/Training Program: Advance Python

Batch: I(08/01/2024 to 10/05/2024)

				00/01/2024 to 10/05/2026
Sr. No.	Year of Enrollment	Name	Student enrollment number	Status Registered/Completed
1	2021	HARSHIT SHARMA	210786010031736	Completed
2	2021	LAXMI RAJ SHARMA	210786010040850	Completed
3	2021	MD YUSUF MERAJ	210786010043770	
4	2021	MITHUN KUMAR SHAH	210786010044154	Completed
5	2021	ROHIT KUMAR	210786010064288	Completed
6	2022	ABHISHEK KUMAR SAHANI	220786010003410	Completed
7	2022	AKANSH HARLALKA	220786010007979	Completed
8	2022	AKSHAT GULIA	220786010009343	Completed
9	2022	AMIT	220786010012036	Completed
10	2022	ANSHIKA SINGH	220786010017004	Completed
. 11	2022	BHAVYA PURI	220786010026713	Completed
12	2022	CHETAN SHARMA	220786010027815	Completed
13	2022	GAURAV KUMAR	220786010033429	Completed
14	2022	HARSH SWAMI	220786010036018	Completed
15	2022	JATIN SANTOSHI	220786010039641	Completed
16	2022	JESICA YADAV	220786010039969	Completed
17	2022	KUNAL DHIMAN	220786010046255	Completed
18	2022	MD TOUSIF AKHTAR	220786010050472	Completed
19	2022	MUNINDRA PAL	220786010055165	Completed
20	2022	NEERAJ KUMAR	220786010056798	Completed
21	2022	PANKAJ PATRA	220786010060476	Completed
22	2022	PARTH GIRDHAR	220786010060768	Completed
23	2022	PAWAN KUMAR YADAV	220786010061128	Completed
24	2022	RITIK CHAURASIYA	220786010072433	Completed
25	2022	ROSHNI SHARMA	220786010074220	Completed
26	2022	SATYA PRAKASH SRIVASTAY	220786010079104	Completed
27	2022	SHASHWAT MISHRA	220786010082311	Completed
28	2022	SHITIJ KUMAR	220786010082981	Completed
29	2022	SHIVAM KUMAR SINGH	220786010083896	Completed
30	2022	SHIVAM TIWARI	220786010084509	Completed
31	2022	SHUBHANG SAHU	220786010087749	Completed
32	2022	SHWEAT TAMTA	220786010087971	Completed
33	2022	SURAJ AGGARWAL	220786010091951	Completed
34	2022	SWATI PANDEY	220786010093013	Completed
35	2022	VISHAL RAIKWAR	220786010100867	Completed
36	2022	VIVEK SHARMA	220786010101987	Completed
37	2023	ASHISH RAJ	230786010023672	Completed
38	2023	MIHIR KUMAR MALIK	230786010053053	Completed
39	2023	RIPU RANJAN	230786010074221	Completed



Mangalmay Institute Of Engineering And Technology, Greater Nolda Session-2023-24

Students Detail(B.Tech-Second Year)

Name of Add On/Training Program: Advance Python

Batch: I(08/01/2024 to 10/05/2024)

Name of	Add Only ITali	ing Program. Advance . y		
40	2023	MD SHAMSHIR ALAM	230786010052745	
41	2023	SAGAR MISHRA	230786010078662	
41	2023	PRIYANSHU SINGH	230786010069365	
43	2023	PRATIK KUMAR SINGH	230786010066937	
43	2022	ABHISHEK MADDHESHIYA	220786152003526	Completed
45	2022	ADITYA RAJ	220786152006322	Completed
46	2022	ADITYA SHUKLA	220786152006460	Completed
47	2022	AJIT KUMAR YADAV	220786152007772	Completed
48	2022	AMAN KUMAR CHAURASIYA	220786152010861	Completed
49	2022	AMAN RAJPUT	220786152011196	Completed
50	2022	AMIT VERMA	220786152012623	Completed
51	2022	ANANT KUSHWAHA	220786152013333	Completed
52	2022	ANIKET JHA	220786152013852	Completed
53	2022	ANJESH KUMAR	220786152014668	Completed
54	2022	ANSHU YADAV	220786152017257	Completed
55	2022	ARSHAD KHAN	220786152020552	Completed
56	2022	ASHRAF RAHMANI	220786152022621	Completed
57	2022	AVNISH KUMAR	220786152024478	Completed
58	2022	BULAND CHOUDHARY	220786152027297	Completed
59	2022	JASVANT	220786152039506	Completed
60	2022	KARTIKE PANDEY	220786152041869	Completed
61	2022	MANIL CHO	220786152048300	Completed
62	2022	MD DANISH .	220786152050172	Completed
63	2022	MOHAMMAD AKBAR HUSSA	220786152051180	Completed
64	2022	MOHAMMAD HAMMAD	220786152051370	Completed
65	2022	MOHAMMAD UMAR	220786152051710	Completed
66	2022	MOHD IRSHAD	220786152052719	Completed
67	2022	MUKUL BHATI	220786152054996	Completed
68	2022	MUSKAN	220786152055272	Completed
69	2022	NISHANT KASHYAP	220786152058617	Completed
70	2022	NISHANT SENGAR	220786152058713	Complete <u>d</u>
71	2022	PARTH PANDEY	220786152060793	Completed
72	2022	PIYUSH JAISWAL	220786152061404	Completed
73	2022	PIYUSH KUMAR	220786152061457	Completed
74	2022	PRIYANSHU KUMAR	220786152066383	Completed
75	2022	RAJIV RAI	220786152069193	Completed
76	2022	RAVI DEEP SINGH	220786152070565	Completed
77	2022	RINKU KUMAR SAROJ	220786152071369	Completed
78	2022	RISHABH PATWA	220786152071666	Completed
79	2022	SAKSHAM DUBEY	220786152076123	Completed
80	2022	SAMEER KHAN	220786152076936	Completed
81	2022	SAURABH MAURYA	220786152080112	Completed



Mangalmay Institute Of Engineering And Technology, Greater Noida Session-2023-24

Students Detall(B.Tech-Second Year)

Name of Add On/Training Program: Advance Python

Batch: I(08/01/2024 to 10/05/2024)

Maine of A.				
82	2022	SHIVAM PATHAK	220786152084111	Completed
83	2022	SHIVANGI	220786152084782	Completed
84	2022	SHIWANGI SINGH	220786152085625	Completed
85	2022	SHUBHAM SAHU	220786152087463	Completed
86	2022	SHUBHANSHU TIWARI	220786152087830	Completed
87	2022	SHYAM JI SRIVASTAV	220786152088113	Completed
88	2022	SIDDHARTH SINGH	220786152088437	Completed
89	2022	SONAKSHI MAURYA	220786152089284	Completed
90	2022	SUMIT	220786152091076	Completed
91	2022	SUSHANT KUMAR	220786152092649	Completed
92	2022	TANISH KUMAR PANDITA	220786152093373	Completed
93	2022	TANISHA GOEL	220786152093412	Completed
94	2022	VIKAS KUMAR	220786152098646	Completed
95	2022	VIRAAJ SINGH	220786152100163	Completed
96	2021	SAURAV KUMAR MISHRA	210786154070265	Completed
97	2022	ABHIJEET CHAKRAVARTI	220786154001901	Completed
98	2022	Abhishek Kumar Jha	220786154003356	Completed
99	2022	ADITYA GOSWAMI	220786154005670	Completed
100	2022	ADITYA MISHRA	220786154006096	Completed
101	2022	ALOK PRAKASH	220786154010166	Completed
102	2022	ALOK RANJAN VIJETA	220786154010179	Completed
103	2022	AMAN SINGH BISHT	220786154011430	Completed
104	2022	ANUJ GUPTA	220786154017825	Completed
105	2022	ARJUN TOMAR	220786154019921	Completed
106	2022	ARYAN RATHORE	220786154021456	Completed
107	2022	AYUSH	220786154024676	Completed
108	2022	CHAHAT SAINI	220786154027338	Completed
109	2022	DAVID SINGH	220786154028265	Completed
110	2022	E SATHIYA MOORTHI	220786154032264	Completed
111	2022	FAHAD DILSHAD	220786154032437	Completed
112	2022	GAURAV KUMAR	220786154033367	Completed
113	2022	HARSH KUMAR	220786154035558	Completed
114	2022	KULDEEP CHAUDHARY	220786154045875	Completed
115	2022	MD SHOAIB	220786154050450	Completed
116	2022	OM KUMAR	220786154059869	Completed
117	2022	PAYAL TIWARI	220786154061260	Completed
118	2022	PRANSHU KUMAR JHA	220786154063320	Completed
119	2022	SHUBHAM	220786154086921	Completed
120	2022	SUJIT KUMAR	220786154090919	Completed
121	2022	SUNIL KUMAR	220786154091689	Completed
171	2022			



Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(08/01/2024 to 10/05/2024)

Sr.	Student enrollment				-										At	tend	lance	e De	tails													31)	tage
	number	Name	08.01.2024	09.01.2024	10.01.2024	11.01.2024	12.01.2024	16.01.2024	17.01.2024	18.01.2024	19.01.2024	24.01.2024	05.02.2024	07.02.2024	09.02.2024	01.04.2024	03.04.2024	05.04.2024	08.04.2024	12 04 2024	15.04.2024	19.04.2024	22.04.2024	24.04.2024	26.04.2024	29.04.2024	01.05.2024	03.05.2024	06.05.2024	08.05.2024	10.05.2024	Total (31)	Percentage
1	210786010031736	HARSHIT SHARMA	Α	P	Α	Р	Р	A	Р	۸	PF	, P	A	Р	Р	Α	Р	Р	PF	, b	Р	Р	P	Р	Р	Р	Р	Р	Р	Р	Р	25	81
_2	210786010040850	LAXMI RAJ SHARMA	Р	Р	Р	Р	Р	A	Р	P .	A F	, P	A	Р	Р	Α	Р	Р	PI	P P	, P	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	26	84
3	210786010043770	MD YUSUF MERAJ	Р	Р	Р	Р	Р	A	Р	Α	P F	, P	P	Р	Р	Р	Р	Α	PI	PF	A	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	26	84
4	210786010044154	MITHUN KUMAR SHAH	Р	Р	Р	Р	Р	Р	Р	Р	P /	A P	A	Р	Α	Р	Р	Α	PI	P /	P	P	Α	Р	Α	Р	Р	Р	Р	Р	Р	24	77
5	210786010064288	ROHIT KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	P /	A F	A	P	Α	Р	Р	Р	P	P F	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	28	90
6	220786010003410	ABHISHEK KUMAR SAHANI	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	, Р	Р	A	Р	Р	Р	Р	PF	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	30	97
7	220786010007979	AKANSH HARLALKA	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	P	Р	Р	Р	Α	Р	PF	, P	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	29	94
8	220786010009343	AKSHAT GULIA	Р	Р	Р	Р	Р	Р	Р	Р	PI	P F) P	Р	Р	Р	Р	Р	Р	PI) P	P	Р	Р	Р	Α	Р	Р	Р	Р	Р	30	97
9	220786010012036	AMIT'	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	Р	Р	Р	Р	Р	Р	A	P	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	30	97
10	220786010017004	ANSHIKA SINGH	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P P	Р	Р	Р	Р	Р	Р	PI	P	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	31	100
11	220786010026713	BHAVYA PURI	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PP	P	Р	Р	Р	Р	Р	Α	P A	F	Р	Р	Р	Р	Р	Р	Р	Р	Р	29	94
12	220786010027815	CHETAN SHARMA	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PP	Р	Р	Р	Р	Р	Р	A ,	A F	, F	P	Р	Р	Р	Р	Α	Α	Р	Р	28	90
13	220786010033429	GAURAV KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PF	P	Р	Р	Р	Р	Р	Р	P F	, 4	A	Α	Р	Р	Р	Α	Р	Р	Р	27	87
14	220786010036018	HARSH SWAMI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P F	P	Р	Р	Р	Р	Р	Α	PF	1	P	Α	Р	Р	Α	Р	Р	Р	Р	26	84
15	220786010039641	JATIN SANTOSHI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P F	P	Р	Р	Р	Р	Р	Α	P F	7	A P	Р	Р	Р	Р	Р	Р	Р	Р	29	94
16	220786010039969	JESICA YADAV	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P F) P	Р	Р	Р	Р	Р	Р	P F	, L	P	Р	Р	Α	Α	Р	Р	Р	Р	29	94
17	220786010046255	KUNAL DHIMAN	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PF) P	Р	Р	Р	Р	Α	Α	A F) I	P	Р	Α	Р	Α	Р	Р	Р	Р	26	84
18	220786010050472	MD TOUSIF AKHTAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P) P) P	Р	Р	Р	Α	Р	PI	2 1	P	Р	Р	Α	Α	Α	Р	Р	Р	27	87
19	220786010055165	MUNINDRA PAL	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P A	4 F	, P	A	Р	Р	Α	Р	A I	7	A P	Α	P	Р	Р	Р	Р	Р	Р	25	81
20	220786010056798	NEERAJ KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P /	A F	, A	Р	Р	Α	Р	Р	A I	7 1	РА	P	P	Α	Α	Р	Р	Р	Р	24	77
2:	220786010060476	PANKAJ PATRA	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	PF	P	Р	Α	Р	Р	Α	P /	4	P	Р	Α	Р	Α	Р	Р	Р	Р	26	84
2	2 220786010060768	PARTH GIRDHAR	Р	P	Р	Р	Р	Р	Р	Р	Р	Р	P	P F	P	Р	Α	Α	Α	Р	Α	Р	PP	Р	Р	Р	Р	Р	Р	Р	P	27	87
2	3 220786010061128	PAWAN KUMAR YADAV	P	Р	Р	Р	А	Α	Α	Р	Р	Α	Р	PF) P	Α	Р	Р	Р	Р	Р	Р	Pβ	Р	P	Р	Р	Р	Р	Р	P	26	84
2.	220786010072433	RITIK CHAURASIYA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P) P	P	Р	Р	Α	Α	P .	Α	P A	Р	Α	Α	Α	Р	Р	Р	Р	24	77
2	5 220786010074220	ROSHNI SHARMA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	Р	Р	Р	Р	Р	Р	Р	P F	Р	A	Р	Α	Р	Р	Р	Р	29	94
2	5 220786010079104	SATYA PRAKASH SRIVASTA	\\ P	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	P I	РР	Р	P	Р	Р	Α	Р	Р	P A	P	P	P	Р	Р	Р	Р	Р	29	94
2	7 220786010082311	SHASHWAT MISHRA	P	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	P P	P	Р	Р	Р	Α	Р	Α	P A	P	P	Р	Р	Р	Р	Р	Р	26	84
2	8 220786010082981	SHITIJ KUMAR	P	P	Р	P	Р	Р	Р	Р	Р	Р	P	Р	P P	Р	Р	Р	Р	Α	Р	Р	A F	P	Α	Р	Α	Р	Р	Р	Р	27	87
2	9 220786010083896	SHIVAM KUMAR SINGH	F) P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P P	P	Р	Р	Р	Α	Р	Α	P A	A P	P	Р	Р	Р	Р	Р	Р	28	90
3	0 220786010084509	SHIVAM TIWARI	P) P	Р	Р	Р	Р	Р	Р	Р	-Pe	oP: n	P	P. P	F	Р	Р	Р	Α	Р	Р	A F	P	Α	P	Α	Р	Р	Р	Р	27	87
3	1 220786010087749	SHUBHANG SAHU	F	P	Р	Р	Р	Р	Р	Р	(P)	P	Р	Р	P	F	P	Р	Р	Α	Р	А	P	P	P	Р	Р	Р	Р	Р	Р	29	94



Mangalmay Institute Of Engineering And Technology Greater Noida Session-2023-24

Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(08/01/2024 to 10/05/2024)

Sr.	Student enrollment	, Name		_	_											A	tter	dan	ce D	etai	ls													31)	38e
No.	number	Name	08.01.2024	09.01.2024	10.01.2024	11.01.2024	12.01.2024	16.01.2024	17.01.2024	18.01.2024	19.01.2024	23.01.2024	24.01.2024	05.02.2024	07.02.2024	09.02.2024	01.04.2024	03.04.2024	05.04.2024	08.04.2024	10.04.2024	12.04.2024	15.04.2024	19.04.2024	22.04.2024	24.04.2024	26.04.2024	29.04.2024	01.05.2024	03.05.2024	06.05.2024	08.05.2024	10.05.2024	Total (31)	Percentage
		SHW <u>EA</u> T TAMTA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Α	Р	Α	Р	Р	P	A	Р	P	Р	P	P	P	Р	Р	Р	Р	27	87
33		SURAJ AGGARWAL	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Α	Р	Α	P	P	P	P	P	P	P	P	P	P	P	P	A	P	27	87
34		SWATI PANDEY	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	97
35	220786010100867	VISHAL RAIKWAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	P	P	P	P	P	P	À	P	A	P	P	P	P	P	P	P	P	P	P	29	94
36		VIVEK SHARMA	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	P	Р	p	P	P	P	P	P	P	P	Â	A	Á	A	A	A	P	P	P	P	P	25	81
37		ASHISH RAJ	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	P	P	P	A	P	P	A	P	P	P	F	P	P	A		A	P	P	P	P	P	27	87
38		MIHIR KUMAR MALIK	Р	P	Р	Р	Р	Р	Р	Р	Р	P	P	P	P	A	P	P	A	∸∔	A	P	P	P	P	P	P	P	P	P	P	P	P	28	_
39		RIPU RANJAN	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	P	P	P	P	P	\rightarrow	A	- +	Â	P	A	P	P	P	P	P	P	P	A	A	P	26	90
40		MD SHAMSHIR ALAM	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	A	P	P	P	A	P	P	.	A	P	\rightarrow	P	-+	P	P	P	P	P	P	A	P	26	
41	230786010078662	SAGAR MISHRA	Р	Р	Р	Р	Р	Р	P	Р	P	P	A	P	Ā	P	P	P	P		P	P		P	÷	P	P	P	P	A	P	P	P		84
42		PRIYANSHU SINGH	Р	Р	Р	Р	Р	Р	P	Р	Р	P	\rightarrow	P	A	P	P	-	<u>·</u>	·	A	P	-	÷	∸	P	.	P	A	P	P	P	P	28 25	90
43		PRATIK KUMAR SINGH	Р	Р	P.	Р	Α	Р	Α	Р	P	A	P	A	P	-	P		∸	-	P	P	-	-	-	 	-	P	P	P	P	P	P	27	81
44	220786152003526	ABHISHEK MADDHESHIYA	Р	Р	Р	Р	Α	Р	Α	Р	A	-	P	P	P	- +	P	-		.	P	-	-	- +	÷	.	<u>-</u>	P	∸∔	A	P	P	P		87
		ADITYA RAJ	Р	Р	Р	Р	Р	Р	Р	Р	A	P	-	P	P	· +	P	÷	- +	.	∸∔	P	-	∸	-	-	-	-	∸⊢	P	A	P	P	27 28	87
_		ADITYA SHUKLA	Р	Р	Р	Р	Р	Р	Р	P	P	\rightarrow	-	A	-	-	· +	<u> </u>	-	-	-	-	-	∸⊢	-	-	.	-	` +	P	P	P	P	_	90
		AJIT KUMAR YADAV	Р	Р	Р	Р	Р	Р	Р	Р	-+	_	·		-	_	-	-	-	-	. +	-	.	-	- +	`	-	`	· +	P	P	P	P	28	90
_		AMAN KUMAR CHAURASIYA	Р	Р	Р	Р	Р	Р	Р	P	-	- +	-	-		-	.	-	-	-	-	`	`	-	-	-	-	' +	· +	P	· +	P	<u> </u>	30	97
_		AMAN RAJPUT	Р	Р	Р	Р	Р	Р	Р	Р	-	.	-	÷	-	-	-	- +-	-	-	-	-	.	-	-	-	-	-	-	P	P	P	P	29	94
$\overline{}$		AMIT VERMA	Р	Р	Р	Р	Р	Р	Р	P	P	· +	.	-	-+	-	-+	· +	-	.	-	-	·	-	-	-	-	-	-	.	∸		Р	29	94
		ANANT KUSHWAHA	Р	Р	Р	Р	Р	Р	P	P	-	- +	•	· +	· +	-	-		<u> </u>	-	-	<u>'</u>	-	-	'	_	<u> </u>	-		P	P	P	P	30	97
		ANIKET JHA	Р	Р	Р	Р	Р	P	P	P	-	·	`-	-	.	-	•	·	·		_	-	_	_	·	-		-		-	A P	A	P	29	94
-		ANJESH KUMAR	Р	Р	Р	Р	Р	Р	P	P	-	-	-	.	-	-	-		-	_	-	-	_	_	-	-		-		-	P	A	Р	30	97
_		ANSHU YADAV	Р	Р	Р	Р	Р	Р	Р	Р		-		-	`		-	-	-	-	-		-	-	-	A 1		-		-	<u>'</u>	A	Р	30	97
_		ARSHAD KHAN	Р	Р	Р	Р	Р	Р	Р	\rightarrow	_	·	-	-	-	`	-		-	_	-	-	-		+	-	-		_		P	Р	Р	30	97
_		ASHRAF RAHMANI	Р	Р	Р	Р	Р	Р	P	P	-		-	_	-		+	- -	-	-	-	-	-	-	P /	-		+	P 1	-	P	P	Р	30	97
$\overline{}$		AVNISH KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	-	-	-	-	-		-	. .	-	<u> </u>	-	p	Ψ.	- ·	+-	+ '	``	+	+-	-	-	P	Р	29	94
$\overline{}$		BULAND CHOUDHARY	Р	Р	P	Р	P	Р	P	-	-	_	-	' '		PF	_		-		- -	p	+'	- ') F	- ·		+ '	-	-	P	P	Р	29	94
\rightarrow		ASVANT	Р	Р	Р	Р	Р	Р	P	P	·	<u> </u>	-	-		A F	-	-	_) F	_			-	- `		+	+	- `	-	_	A	Р	27	87
\rightarrow		CARTIKE PANDEY	Р	Р	Р	Р	Р	Р	Р	_	_	AF	- ·	PI	_	PF	_	PF	-	, ,	-		- ·) P		- ·	- ·			-	P	P	28	90
\rightarrow		MANIL CHO	Р	Р	P	Р	Р	Р	-	-	-	_	- -	p 1		PF	-) F	 -) F	┿	- ·		- ·	+-	+÷	+-	+-	- ·	+-	_	-	Р		87
62	220786152050172 N	MD DANISH	Р	Р	Р	Р	Р	Р	_	P	_	pci			7-1) F				- -	+	<u> </u>		+ -	- ·	+-	- -		_	P P	P	28	90



Mangalmay Institute Of Engineering And Technology Greater Noida Session-2023-24

Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(08/01/2024 to 10/05/2024)

																At	ten	dano	e De	etails	;												31)	tage
Sr. No.	Student enrollment number	, Name	08.01.2024	09.01.2024	10.01.2024	11.01.2024	12.01.2024	16.01.2024	17.01.2024	18.01.2024	19.01.2024	23.01.2024	24.01.2024	05.02.2024	07.02.2024	09.02.2024	01.04.2024	03.04.2024	05.04.2024	08.04.2024	10.04.2024	12.04.2024	15.04.2024	22.04.2024	24.04.2024	26.04.2024	29.04.2024	01.05.2024	03.05.2024	06.05.2024	08.05.2024	10.05.2024	Total (31)	Percentage
63	220786152051180	MOHAMMAD AKBAR HUSSA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Α	Р	Р	Р	P	P	Р	Р	Р	Р	Р	Р	Р	Р	29	94
64	220786152051370	MOHAMMAD HAMMAD	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	A	Р	P	P	Р	Р	Р	Р	Р	Α	Α	Р	28	90
65	220786152051710	MOHAMMAD UMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	P	P	P	Р	P	Р	Р	Р	Р	Р	30	97
66	220786152052719	MOHD IRSHAD	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	PI	P	Р	Р	P	Р	Р	Р	Р	Р	31	100
67	220786152054996	MUKUL BHATI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Α	Р	Р	P	A	A P	A	A	Р	Р	Р	Р	Р	Р	25	81
68	220786152055272	MUSKAN	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	A	A	A	Р	P	Р	Р	Р	Р	28	90
69	220786152058617	NISHANT KASHYAP	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	Р	A	Α	P	Р	Р	Р	Р	29	94
70	220786152058713	NISHANT SENGAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	A	A	Α	Р	Р	Р	Р	Р	28	90
71	220786152060793	PARTH PANDEY	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	P	Р	Р	Α	Α	Р	Р	Р	29	94
72	220786152061404	PIYUSH JAISWAL	Р	Р	Р	Р	Р	Р	Р	Р	Α	Α	А	Α	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	P	P	Р	Р	Р	Р	Р	Р	27	87
73	220786152061457	PIYUSH KUMAR	Α	Α	Α	Α	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	Р	Р	Р	PI	P	Р	Р	Р	Р	Р	Р	Р	Р	26	84
74		PRIYANSHU KUMAR	Р	Р	Р	Р	Р	Р	Α	Α	Р	Р	А	Р	Α	Р	Р	Р	Α	Р	Р	Р	PI	P	P	P	Р	Р	Р	Р	Р	Р	26	84
75	220786152069193	RAJIV RAI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	A	Α.	A /	A P	P	A	Р	Р	Р	Р	Р	Р	25	81
76		RAVI DEEP SINGH	Р	Р	Р	Α	Α	Α	Р	Р	Р	Α	Р	Р	Α	Α	Р	Р	Р	Р	Р	Р	P) P	P	Р	Р	Р	Р	Р	Р	Р	25	81
77		RINKU KUMAR SAROJ	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Α	A	P .	A I	P	A	Р	Р	Р	Р	Р	Р	Р	26	84
78		RISHABH PATWA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	А	Α	Α	Α	Α	Р	Р	Р	Р	Р	PI	P	Р	Р	P	Р	Р	Р	Р	Р	26	84
79		SAKSHAM DUBEY	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	A	Р	P /	A P	Р	Α	Р	Α	Р	Р	Α	Р	25	81
80	220786152076936	SAMEER KHAN	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	А	Р	Р	Α	Р	Р	Р	Р	Р	A	P	P	Р	А	P	P	Α	Р	Р	Р	25	81
81	220786152080112	SAURABH MAURYA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Α	Р	Р	Α	Р	Р	Р	A	Р	P	A P	Р	_	Р	P	Р	P	Р	Р	25	81
82	220786152084111	SHIVAM PATHAK	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Α	Р	Р	A	Р	Р	P	A	A	Р	P	Р	Р	Р	Р	26	84
83	220786152084782	SHIVANGI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Α	Р	Α	Р	Р	A	Р	A	P	Р	A	P	Р	P	Р	Р	25	81
84		SHIWANGI SINGH	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Α	Р	PA	P	P	A	P	Р	P	Р	Р	27	87
85		SHUBHAM SAHU	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	А	Р	Р	A	P /	A P	Р	Р	P	Р	Р	P	P	P	28	90
86		SHUBHANSHU TIWARI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	A	Р	P	A P	P	P	P	P	P	P	P	P	29	94
87		SHYAM JI SRIVASTAV	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	A	Р	A	PA	P	A	P	A	P	P	P	P	26	84
88		SIDDHARTH SINGH	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	А	Р	Р	Α	Р	Р	A	A	P	P	Р	PP	+	-	+	A	P	P	P	P	25	81
89	220786152089284	SONAKSIII MAURYA	Р	Р	Р	Р	Р	Р	Р	Α	Р	A	Р	Р	Α	Р	Р	A	Р	A	P	-	-	PP	+ -	+-	+÷	+	P	P	P	P	26	84
90	220786152091076	SUMIT	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	A	-	-	-	A F	+	+	÷	+-	P	P	P	P	24	77
91	220786152092649	SUSHANT KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	P	P	-		PP	-	_	+	-	P	P	P	P	28	90
92	220786152093373	TANISH KUMAR PANDITA	Р	Р	Р	Р	Р	Р	Р	Р	_P_	Ρ.	Р	Р	Р	Р	Р	Р	Р	P	P		-	A A	+ -	-	+	P	P	P	P	Р	28	90
93	220786152093412	TANISHA GOEL	Р	Р	Р	Р	Р	Р	Pe	1101	P	Р	P	· P	Р	Р	Р	Р	P	P	\rightarrow	-	_	PA	-		+-	P	P	P	P	P	29	94



Mangalmay Institute Of Engineering And Technology. Greater Noida Session-2023-24

Students Attendance Detail(B.Tech-First Year)

Name of Add On Program: Advanced Python Training

Duration(08/01/2024 to 10/05/2024)

Sr.	Student enrollment										1					Atte	ndar	ice D	etai	ls												31)	tage
	number	Name	08.01.2024	09.01.2024	10.01.2024	11.01.2024	12.01.2024	16.01.2024	17.01.2024	18.01.2024	19.01.2024	23.01.2024	24.01.2024	05.02.2024	07.02.2024	01.04.2024	03.04.2024	05.04.2024	08.04.2024	10.04.2024	12.04.2024	15.04.2024	19.04.2024	22.04.2024	26.04.2024	29.04.2024	01.05.2024	03.05.2024	06.05.2024	08.05.2024	10.05.2024	Total (31)	Percentage
94	220786152098646	VIKAS KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	РΙ	p /	A P	Р	Р	Α	Р	Р	Р	P ,	A F	P	Α	Р	Р	Р	Р	Р	27	87
95	220786152100163	VIRAAJ SINGH	Р	Р	Р	Р	Α	Р	Α	Р	Α	Р	Α	PI	p /	A P	Р	Р	Р	Р	Р	Р	Р	P F	P	Р	Р	Р	Р	Р	Р	29	94
96	210786154070265	SAURAV KUMAR MISHRA	Р	Р	Р	Р	Α	Р	Р	Α	Р	Α	P	PI	PF	P	Р	Р	Р	Р	Р	Р	P	PF	P	Р	P	Р	Р	Р	Р	28	90
97	220786154001901	ABHIJEET CHAKRAVARTI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	A	P F	A	P	Α	Р	Р	Р	Р	PI	PF	Р	Р	Р	Р	Р	Р	Р	27	87
98	220786154003356	Abhishek Kumar Jha	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	Р	Р	Α	Р	Α	Р	P .	A I	P	A	Р	Р	Р	Р	Р	Р	26	84
99	220786154005670	ADITYA GOSWAMI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	P	Р	Р	Р	Р	Р	PI	P	A	Р	Р	Р	Р	Р	Р	30	97
100	220786154006096	ADITYA MISHRA	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	PI	PF	P	Р	Р	Р	Р	Р	Р	PI	P	Р	P	P	Р	Р	Р	Р	31	100
103	220786154010166	ALOK PRAKASH	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	Р	Р	Р	Р	Р	Р	A .	A /	A A	A	Α	Р	Р	Р	Р	Р	25	81
103	220786154010179	ALOK RANJAN VIJETA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	A	P A	A P	Α	P	Α	Р	Р	Α	P I	P	Р	Р	Р	Р	Р	Р	Р	26	84
10	220786154011430	AMAN SINGH BISHT	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	A	A F	РА	Р	Р	Р	Р	Р	Р	P 1	P	Р	Р	Р	Р	Р	Р	Р	28	90
10	220786154017825	ANUJ GUPTA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	A	Р	Α	Α	Α	Р	Р	PI	P	Р	Р	Р	Р	Р	Р	Р	27	87
10	220786154019921	ARJUN TOMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	P	Р	Р	Р	Α	Р	Α	PI	P	Р	Р	Р	Р	Р	Р	Р	29	94
10	220786154021456	ARYAN RATHORE	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	Р	Р	Р	Р	Р	Р	A	A A	A A	Α	Α	Р	Р	Р	Р	Р	25	81
10	220786154024676	AYUSH	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	P	Р	Р	Р	Р	Р	P .	A 1	ρ Δ	Р	Α	Р	Р	Р	Р	Р	28	90
10		CHAHAT SAINI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PΙ	P	P	Р	Р	Р	Р	Р	P .	A /	A A	Α	Р	Ρ	Р	Р	Р	Р	27	87
10		DAVID SINGH	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P F	P	Р	Р	Р	Р	Р	Р	P	P	Α	Р	Р	Р	Р	Р	Р	30	97
11	220786154032264	E SATHIYA MOORTHI	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	Р	Р	Р	Р	Р	Р	PI	P	Р	Α	Р	Α	Р	Р	Р	29	94
11	1 220786154032437	FAHAD DILSHAD	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	P	Р	Р	Р	Р	Р	А	Р	PI	P	Р	Р	Р	Р	Р	Р	Р	30	97
11	2 220786154033367	GAURAV KUMAR	Р	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	Р	Р	Р	Р	Α	Р	P 1	P	Р	Р	Р	Р	Р	Р	Р	30	97
11	3 220786154035558	HARSH KUMAR	P	Р	Р	Ρ	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	Р	Р	Р	Р	Р	Р	PI	P	Р	Α	Α	Α	Р	Р	Р	28	90
11	4 220786154045875	KULDEEP CHAUDHARY	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PI	PF	P	Р	Р	Р	Α	Р	Р	PI	P	Р	Р	Р	Р	Р	Р	Р	30	97
11	5 220786154050450	MD SHOAIB	Р	P	P	Р	Р	Р	Р	Р	Р	Р	Р	P 1	PF	P	P	Р	Р	Α	Р	Α	P	A P	Р	Р	Р	Р	Р	Р	Р	26	84
11	5 220786154059869	OM KUMAR	Р	Р	Р	Р	Α	Р	Α	Р	Α	Р	Α	P	A F	РА	Р	Р	Р	Р	Р	Р	PΙ	P	Р	Р	Р	Р	Р	Р	Р	25	81
11		PAYAL TIWARI	P	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	P F	P A	Р	Α	Р	Р	Α	P .	A I	P	Р	Р	Р	Р	Р	Р	Р	27	87
11		PRANSHU KUMAR JHA	P	+	Р	P	Р	Р	Α	Р	Р	Р	Α	Р	PF	P	Α	Р	Р	Α	Р	Ρ.	A I	P	Α	Р	Р	Р	Р	Р	Р	25	81
11		SHUBHAM	P	P	Р	Р	Р	Р	Α	Р	Α	Р	Α	Р	P I	P	Р	Р	Р	Р	Р	Р	PΙ	P	Р	Р	Р	Р	Р	Р	Р	28	90
12		SUJIT KUMAR	P	+	÷	P	Р	Р	Р	Р	Р	Р	Α	P	A F	P	Р	Р	Р	Р	Р	Р	PΙ	P	Р	Р	Р	Α	Α	Р	Р	27	87
12	1 220786154091689	SUNIL KUMAR	P	P	Р	P	Р	Р	Р	Р	Р	Р	P	P	P	PA	Α	Р	Р	Р	Р	Р	PΙ	P	Р	Р	Р	Р	Р	Р	Р	29	94









OF INTERNSHIP

This Certificate is Conferred to

SHUBHANG SAHU

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

We wish him/her all success in future endeavour

Duration: Jan 08, 2024 - May 10, 2024

Bhasker Das

Chief Strategy Officer

