ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 13-05-2024	Introduction to course, About Python full stack and technologies. Daily test -1	L01, L02	
Day-2 14-05-2024	HTML usage, CSS usage, how to combine html, CSS	L01, L02	
Day-3 15-05-2024	Monthly employability test -1	L01, L02	
Day-4 16-05-2024	Introduction to HTML HTML elements, HTML tags. Daily test -2	L01, L02	
Day-5 17-05-2024	Structural HTML tags, formatting tags. Creating links, Tables.	L01, L02	
Day-6 18-05-2024	Frames, forms Daily Test -3	L01, L02	

WEEKLY REPORT

WEEK – 1 (From Dt/3.05.2024 to Dt 18.05.2024)

Objective of the Activity Done: Introduction to HTML, covering its structure, elements and tags, enabling participants to create and style web pages effectively.

Detailed Report:

• Introduced Course objectives and python full stack development

• Assessed initial knowledge with Daily Test-1 and Montly Employability Test-1

• Covered HTML and CSS basics & their integration

• Explored HTML elements, tags and hand-on activities

• Conducted Daily Tests for comprehension of HTML Concepts

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 20-5-2024	Introduction to CSS Basics, syntax and Selectors Assignment-1	L01, L02	
Day-2 21-05-2024	Monthly Employability Test-2	L01, L02	
Day-3 22-05-2024	CSS BOX Model: Understanding content padding, border & margin Daily Test-4	L01, L02	
Day-4 23-05-2024	CSS Flexbox: Introduction to Flexbox layout for responsive design	L01, L02	
Day-5 24-05-2024	CSS Grid: Exploring grid layout for complex web designs. Daily Test-5	L01, L02	
Day-6 25-05-2024	CSS Transitions and Animations: Adding movement and interactivity	L01, L02	

WEEKLY REPORT

WEEK – 2 (From Dt 20.5.2024 to Dt 25.5.2024)

Objective of the Activity Done: Introducing css & using HTML for web pages development is to enable participants to effectively style and structure web content, creating visually appealing **Detailed Report:** and responsive web pages.

• Introduced css fundamentals, including syntax and box model for layout.

• Explained how to integrate HTML with css for styling web pages.

• Covered flexbox and grid layout for responsive design.

• Discussed css transitions and animation for interactivity.

• Conducted hands-on exercises and review session to reinforce learning

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 27-05-2024	Introduction to Java Script : Basics and syntax Daily Test -6	101, 102	
Day-2 28-05-2024	Control structures: Conditionals and loops Assignment-2	101, 102	
Day-3 29-05-2024	Functions: Defining and using functions Daily Test -7	101,102	
Day-4 30-05-2024	Objects : Introduction to objects and properties	101,102	
Day-5 31-05-2024	Arrays : Basics of arrays and array method Daily Test -8	101,102	
Day-6 1-6-2024	Monthly Employability test -3	101, 102	

WEEKLY REPORT

WEEK – 3 (From Dt.27..5..2024 to Dt 1..6..2024)

Objective of the Activity Done: Implementation of fundational concept of Javascript, including syntax, control structures, functions, objects and arrays.

Detailed Report:

• Introduced Javascript basics, including syntax and data types

• Convered control structures: conditional and loops.

• Discussed functions for code reusability

• Introduced objects and arrays for structured data.

• Concluded with a hands-on project for creating an interactive web application

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 3-6-2024	Introduction to event handling in Java script Daily Test-9	L01, L02	
Day-2 4-6-2024	Advanced Functions: Understanding function scope & closures Assignment-3	L01, L02	
Day-3 5-6-2024	Error Handling: Basics of try. catch and throwing errors Daily Test-10	L01, L02	
Day-4 6-6-2024	Java script in Browser: understanding how Java script runs in browsers	L01, L02	
Day-5 7-6-2024	Recap of Java script Concepts learned so far Daily Test-11	L01, L02	
Day-6 8-6-2024	Introduced methods in Javascript, covering their definition, types & how to implement them in code	L01, L02	

WEEKLY REPORT

WEEK – 4 (From Dt.3..6..2024. to Dt 8..6..2024)

Objective of the Activity Done: *Implementation of advanced Java Script concepts, including event handling, functions scope, and error management.*

Detailed Report:

• Introduced event handling for user interactions in Javascript

• Explored advanced functions, including Scope and closures

• Discussed error handling with try, catch and finally

• Explained Javascript execution in browser and its content

• Introduced methods and their types for effective coding.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 10-6-2024	Introduced python and its key features including installation	101, 102	
Day-2 11-6-2024	Explained variables & data types. showing how to declare them	101, 102	
Day-3 12-6-2024	Covered control state -ment, including if statements and loops	101, 102	
Day-4 13-6-2024	Discussed functions including how to define and call them	101, 102	
Day-5 14-6-2024	Introduced data struc -tures like lists, tuples sets & dictionaries.	101, 102	
Day-6 15-6-2024	Explained execption handling in python try, except & finally blocks	101, 102	

WEEKLY REPORT

WEEK – 5 (From Dt 10-6-2024 to Dt 15-6-2024)

Objective of the Activity Done: Implemented an introduction to python to familiarize participants with its fundamental programming concepts. Key topics such as data structures and functions.

Detailed Report:

• Introduced python and its installation

• Explained variables and datatypes

• Covered control structure and loops

• Discussed functions and their usage.

• Introduced data structures and exception handling

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 17-6-2024	Oops concepts such as data abstraction, inheritance, encapslation	101, 102	
Day-2 18-6-2024	Advantages & disadvantages of python. some real time example on oops concept	101, 102	
Day-3 19-6-2024	Monthly Employability Test-6	101, 102	
Day-4 20-6-2024	Recap of python fundamentals	101, 102	
Day-5 21-6-2024	Recap of python data structures	101, 102	
Day-6 22-6-2024	Grand Test-1	101, 102	

WEEKLY REPORT

WEEK – 6(From Dt 17.6.2024. to Dt 22.6.2024)

Objective of the Activity Done: learning about oops concepts, advantage of python, disadvantages of python, recap of python fundamentals.

Detailed Report:

- Python and its applications

- Advantages and disadvantages of python

- Real time examples on oops concepts

- Recap of python fundamentals

- Recap of python data structures.

ACTIVITY LOG FOR THE SEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 24-6-2024	Introduction to django and its features	101, 102	
Day-2 25-06-2024	Advantages & disadvanta-ges of django and real time applications	101, 102	
Day-3 26-6-2024	Installation and set up of django	101, 102	
Day-4 27-6-2024	perform small tasks using django & python	101, 102	
Day-5 28-6-2024	pratice many examples using django	101, 102	
Day-6 29-6-2024	Build small website using django, python and javascript	101, 102	

WEEKLY REPORT

WEEK – 7(From Dt……….……. to Dt…………..……)

Objective of the Activity Done: Learning about how to use django and installation setup of django

Detailed Report:

- About django installation
- perform small tasks using django
- Build small website using django

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person InCharge Signature
Day-1 1-7-2024	Grand Test-2	L01, L02	
Day-2 2-7-2024	project selection	L03, L04, L05	
Day-3 3-7-2024	project workflow ideation	L03, L04, L05	
Day-4 4-7-2024	project implementati -on	L03, L04, L05	
Day-5 5-7-2024	project implementat -ion	L03, L04, L05	
Day-6 6-7-2024	project submission	L03, L04, L05	

WEEKLY REPORT

WEEK – 8(From Dt.1..7...2024 to Dt 6..7...2024)

Objective of the Activity Done:

Implementation of project work

Detailed Report:

- project selection

- project workflow ideation

- project implementation

- project submission.