

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Technology in Information Technology

By

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DEPARTMENT OF INFORMATION TECHNOLOGY

SCHOOL OF COMPUTING

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
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CHENNAI – 600119, TAMILNADU

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SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the Weather Report using Weather App with Python Django of Arunachalam 39120014 **(Reg. No: 39120014)** who carried out the project entitled “**Weather App with Python Django**” under my supervision from June 2021 to November 2021.

Internal Guide

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External Examiner

DECLARATION

I, Charan V hereby declare that the project report **entitled**
5Weather App with Python Django done by me under the
guidance **of Dr. J.Jabez ,M.E. ,Ph.D**

is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering
Degree in **INFORMATION TECHNOLOGY**.

DATE:

PLACE:

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management** of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T. Sasikala M.E., Ph.D, Dean**, School of Computing, **Dr. . Subhashini, M.E., Ph.D. Head of the Department of Information Technology** for providing me necessary support and details at the right time during the progressive reviews.

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I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

ABSTRACT

To begin the project you can start a virtual environment named, for example, `Django_web`. Change the directory to “**Django web**” in your terminal or command line. Then install Django and a couple of other dependencies, that we will use in this project, by running the next command:

```
pipenv install django requests pandas
```

The next step is creating a Django project called WeatherSite.

```
django-admin startproject WeatherSite
```

After that, Django will create a WeatherSite folder with some other folders and Python files. Now we can run the server and check whether it works.

Navigate to a WeatherSite directory and run the command:

```
python manage.py runserver
```

TABLE OF CONTENTS

CHAPTER No.	TITLE	PAGE No
	ABSTRACT	i
	LIST OF FIGURES	ii
	LIST OF TABLES	iii
	LIST OF ABBREVIATIONS	iv
1	INTRODUCTION	1
	1.1	1
	1.2	2
2.	AIM AND SCOPE OF THE PRESENT INVESTIGATION	3
	2.1	3
	2.2	3
	2.3	4
3.	EXPERIMENTAL OR MATERIALS AND METHODS, ALGORITHMS USED	7
	3.1	7
	3.2	8
	3.3	8
	3.4	8
4.	RESULTS AND DISCUSSION, PERFORMANCE ANALYSIS	9
	4.1	9
	4.2	9
5	SUMMARY AND CONCLUSIONS	10
	REFERENCES	12

APPENDIX	14
A.SCREENSHOTS	14
B. SOURCE CODE	18

LIST OF FIGURES

FIGURE NO.	FIGURE NAME	PAGE NO.
	1.1	
	1.2	
	2.1	
	3.1	

LIST OF TABLES

TABLE NO.	TABLE NAME	PAGE NO.
1.1		
1.2		
2.1		
3.1		

LIST OF ABBREVIATIONS

ABBREVIATION

EXPANSION