REPORT - ON

TWO WEEK FDP ON PYTHON PROGRAMMING

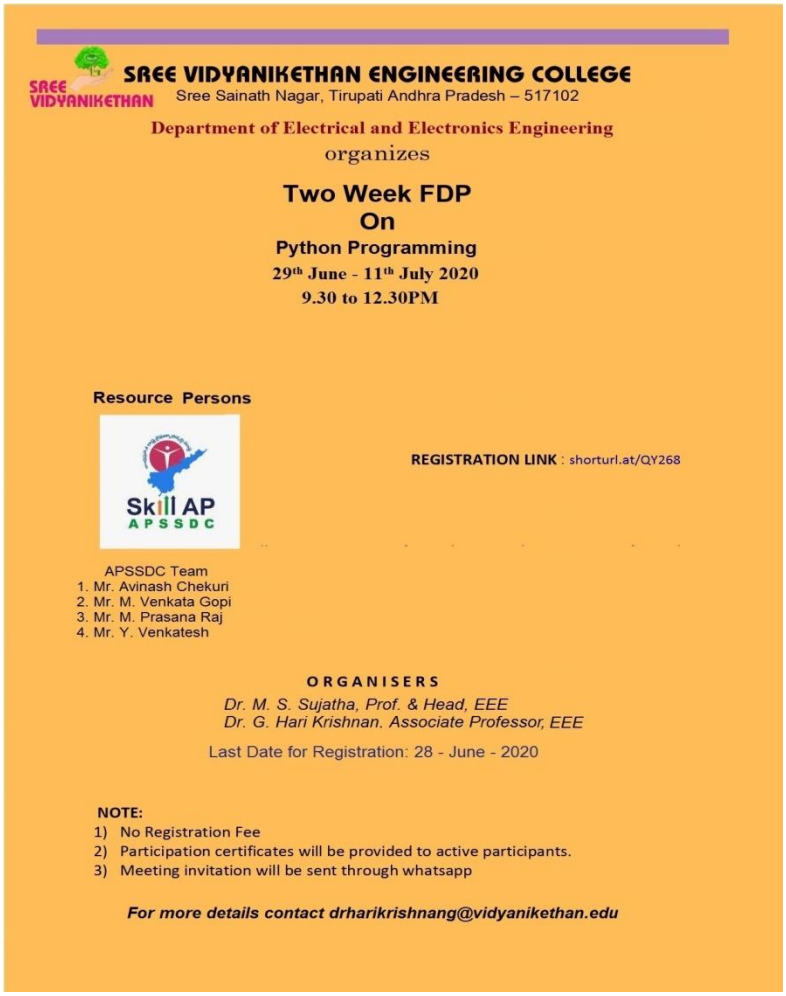
29th June – 11th July 2020

ORGANIZED BY: Department of Electrical and Electrical Engineering, Sree Vidyanikethan Engineering College in collaboration with APSSDC Team

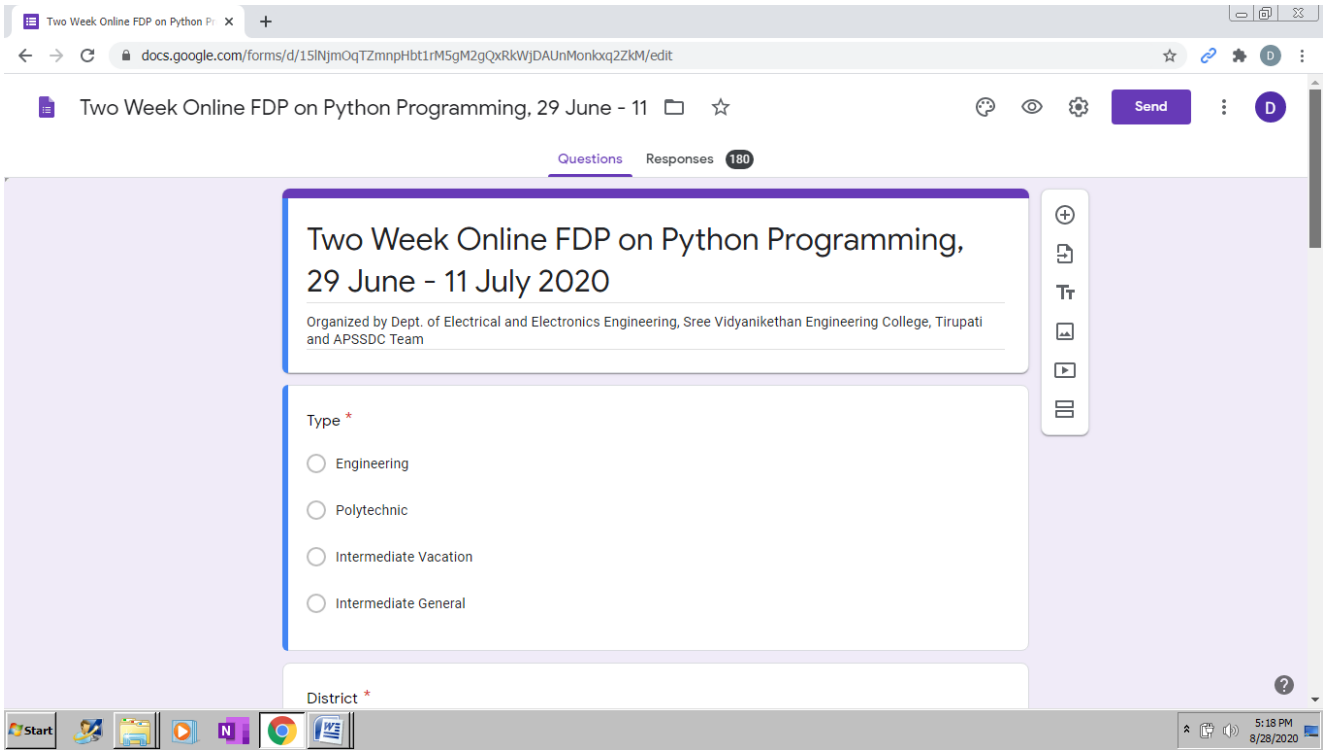
Organizers:
1. **Dr. M. S Sujatha, Prof. and Head, EEE and**
2. **Dr. G. Hari Krishnan, Associate Professor, EEE**

Resource Persons:
1. **Mr. Avinash Chekuri, APSSDC**
2. **Mr. M. Venkata Gopi**
3. **Mr. M. Prasana Raj and**
4. **Mr. Y. Ventakesh**

FDP-INVITATION



Registration page and link:



Link:

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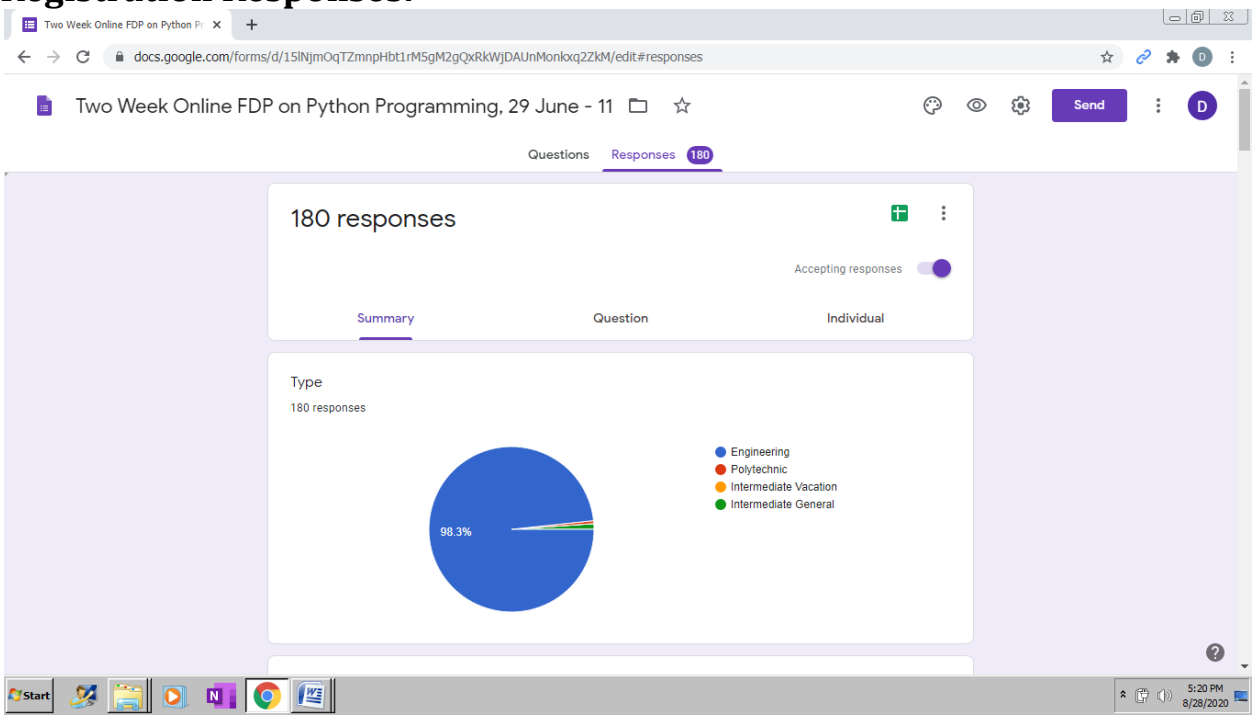
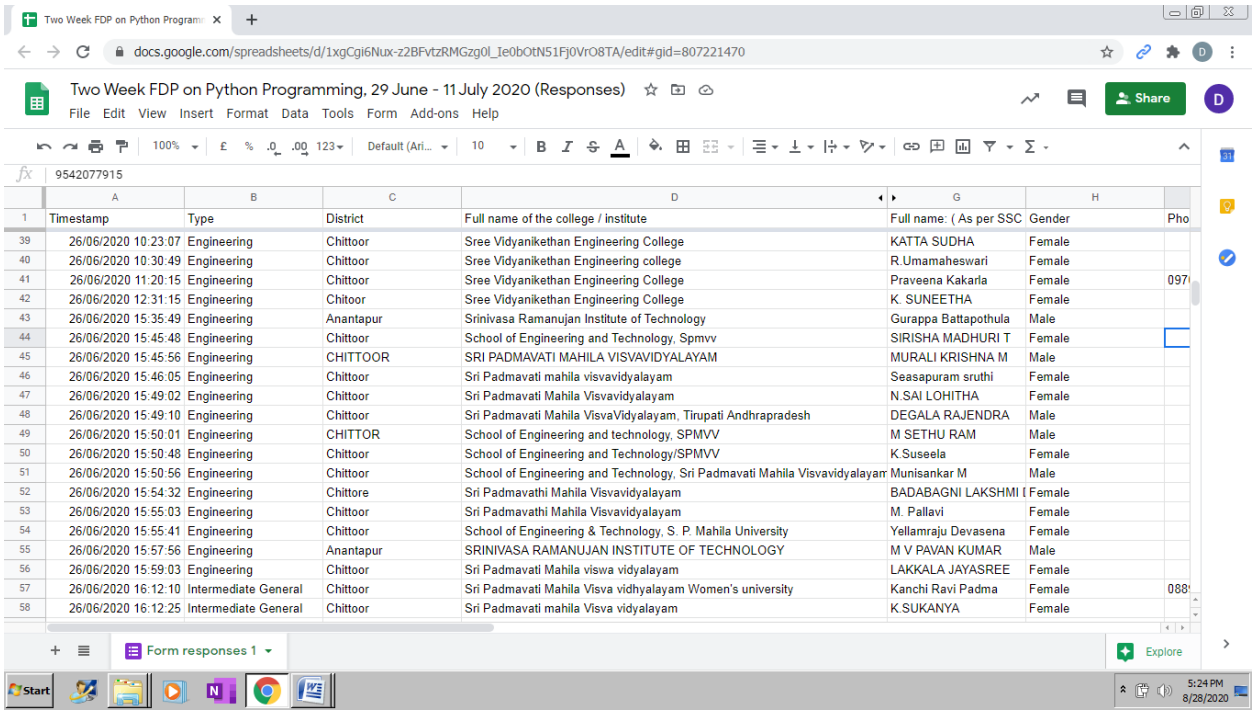
Registration Responses:





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42	26/06/2020 12:31:15	Engineering	Chitoor	Sree Vidyanikethan Engineering College	K. SUNEETHA	Female	
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44	26/06/2020 15:45:48	Engineering	Chittoor	School of Engineering and Technology, Spmvv	SIRISHA MADHURI T	Female	
45	26/06/2020 15:45:56	Engineering	CHITTOOR	SRI PADMAVATI MAHILA VISVAVIDYALAYAM	MURALI KRISHNA M	Male	
46	26/06/2020 15:46:05	Engineering	Chittoor	Sri Padmavati mahila visvavidyalayam	Seasapuram sruthi	Female	
47	26/06/2020 15:49:02	Engineering	Chittoor	Sri Padmavati Mahila Visvavidyalayam	N.SAI LOHITHA	Female	
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49	26/06/2020 15:50:01	Engineering	CHITTOR	School of Engineering and technology, SPMVV	M SETHU RAM	Male	
50	26/06/2020 15:50:48	Engineering	Chittoor	School of Engineering and Technology/SPMVV	K.Suseela	Female	
51	26/06/2020 15:50:56	Engineering	Chittoor	School of Engineering and Technology, Sri Padmavati Mahila Visvavidyalayam	Munisankar M	Male	
52	26/06/2020 15:54:32	Engineering	Chittore	Sri Padmavathi Mahila Visvavidyalayam	BADABAGNI LAKSHMI	Female	
53	26/06/2020 15:55:03	Engineering	Chittoor	Sri Padmavathi Mahila Visvavidyalayam	M. Pallavi	Female	
54	26/06/2020 15:55:41	Engineering	Chittoor	School of Engineering & Technology, S. P. Mahila University	Yellamraju Devasena	Female	
55	26/06/2020 15:57:56	Engineering	Anantapur	SRINIVASA RAMANUJAN INSTITUTE OF TECHNOLOGY	M V PAVAN KUMAR	Male	
56	26/06/2020 15:59:03	Engineering	Chittoor	Sri Padmavati Mahila viswa vidyalayam	LAKKALA JAYASREE	Female	
57	26/06/2020 16:12:10	Intermediate General	Chittoor	Sri Padmavati Mahila Visva vidhyalayam Women's university	Kanchi Ravi Padma	Female	088
58	26/06/2020 16:12:25	Intermediate General	Chittoor	Sri Padmavati mahila Visva vidyalayam	K.SUKANYA	Female	

Introduction:

The Python program is a scripting language that can be used for development, coding websites and applications, processing images, scientific data, and more. The program can be found in action on the Google search engine, NASA, Disney, Pinterest, and more. It was built for ease of use and speed and is less complicated than Ruby and other similar object-oriented programming languages. Because it is open-sourced, the program has enjoyed popularity among developers and programmers, and it continues to be the base program for most websites in operation on the internet today.

Course Objectives:

The course is designed to provide Basic knowledge of Python. Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.

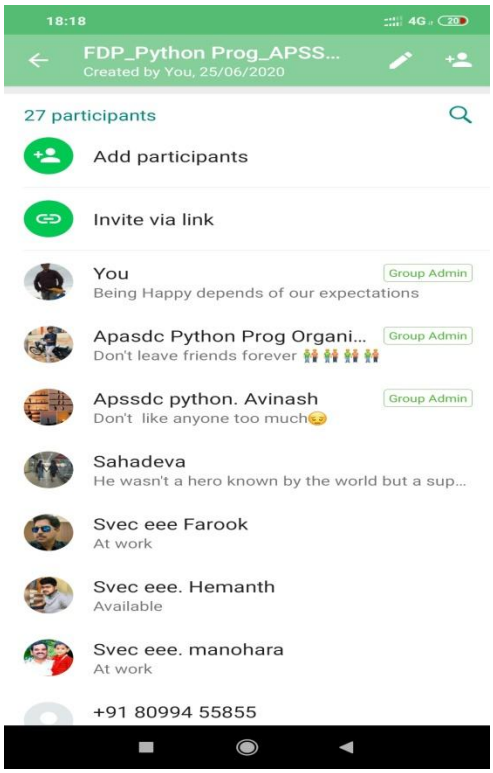
Outcome: Problem-solving and programming capability

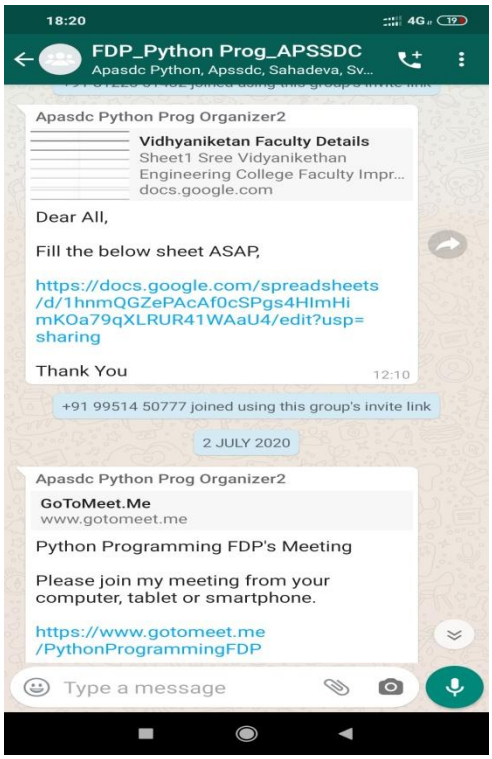
Hardware Requirements:

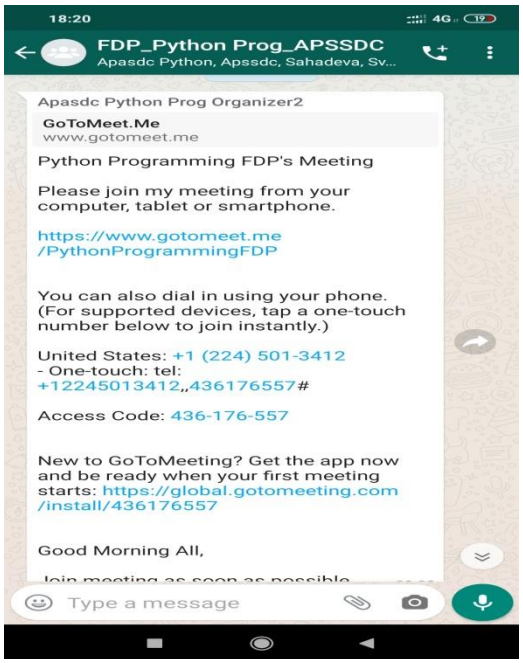
- i3 or above Processor is required
- 4 GB or above RAM is recommended
- Good Internet Connectivity
- OS-Windows 10 is Preferable

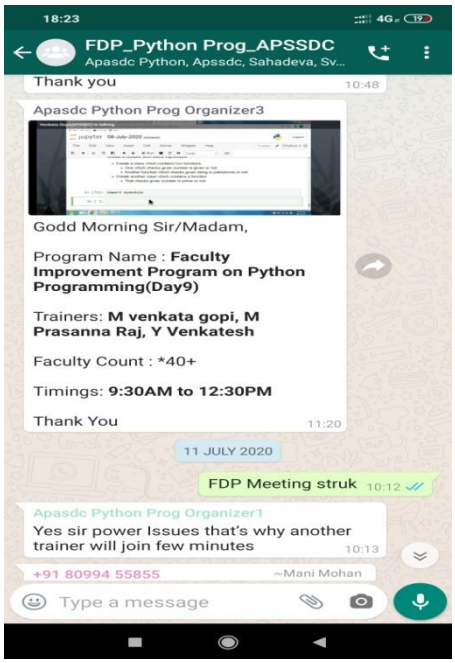
Day wise Schedule:

Day	Contents
Day-1 (29.06.20)	Welcome address by Dr. M. S. Sujatha, HOD-EEE
	Vote of thanks by Dr G Hari Krishnan, Associate Professor
	Python Introduction, Literate Programming, Jupyter Notebook Environment, Markdown format for documentation and Python basics.
Day-2 (30.06.20)	Keywords in Python,Operators in Python, Conditional Statements, Iterations, Jump Statements(Break,Continue with examples), continue(with example) and Functions
Day-3 (01.07.20)	Arguements in Functions, Strings and String Functions,String Slicing
Day-4 (02.07.20)	Python Data Structures Lists List Methods and Tuples
Day-5 (03.07.20)	Tuple Methods, Dictionaries and Dictionary Methods
Day-6 (04.07.20)	Sets,Set Methods, Packages and Modules, Regular Expression and File Handling
Day-7 (06.07.20)	List Comprehension, Iterators,Generators and Functional Programming:
Day-8 (07.07.20)	Maps,Filters,Lambda, Object-Oriented Programming
Day-9 (08.07.20)	Classes,Objects,Constructors, inheritence, Python Packages and modules using oop's.
Day-10 (09.07.20)	Python Libraries for Data Science, NumPy,Nd arrays, Advantages of NumPy
Day-11 (10.07.20)	Pandas, Data Structures in Pandas,Pandas Series and Data Frames
Day-12 (10.07.20)	Data Visualisation using Matplotlib library
	Online Assignment
	Valedictory speech by Dr. M. S. Sujatha, HOD-EEE
	Vote of thanks by Dr G Hari Krishnan, Associate Professor









HOD-EEE

CO-ORDINATOR