CHRIST

COLLEGE(AUTONOMOUS)
IRINJALAKUDA, KERALA

TERRAPY EDUCATION

DEPARTMENT OF GEOLOGY & ENVIRONMENTAL SCIENCE

Value Added Certificate course

on

Advanced Programming in Geology and Statistical Data Analysis Using Python

Resource person

MR.PRAGNYADIPTA SEN

FOUNDER
M/S TERRAPY EDUCATION
AN MSME GOVT. OF INDIA CERTIFIED &
ISO 9001:2015 ACCREDITED ORGANISATION

Time: 3.00 - .4.30 pm

Date: 01/12/2023
to
16/12/2023

Coordinator

Dr. Linto Alappat
Dept. of Geology & Env. Science

Advanced programming in Geology and Statistical data analysis using Python
Value Added Certificate Course
Summary Report 2023

Course Code: GEO0APYGL

The course started on December 1st 2023.

There were 58 students and 58 students completed the course. The course was of 50 hrs. duration (10 theory hrs. and 40 practical hours). Students enjoyed the course and appreciated the efforts of the department in initiating such a course that would benefit their future endeavors.

Course Outcome:

The students were satisfied with the class. They were given different aspects of Python programming. This helped them to understand the basic concepts of programming and scientific data analysis using the Python programming language in a format that is easy to learn and understand (no previous programming experience required). Each lesson is a tutorial with specific topic(s) where the aim is to gain skills and understanding how to solve common data-related tasks using Python and students realized the importance of python programming in geological research.

Course Coordinator: Dr. Linto Alappat

Advanced programming in Geology and Statistical data analysis using Python
Value Added Certificate Course
Summary Report 2023

Course Code: GEO0APYGL

Number of Students	58
Date of Examination	16/12/23
Total Students who passed exam	58
Total Course duration	50 hrs

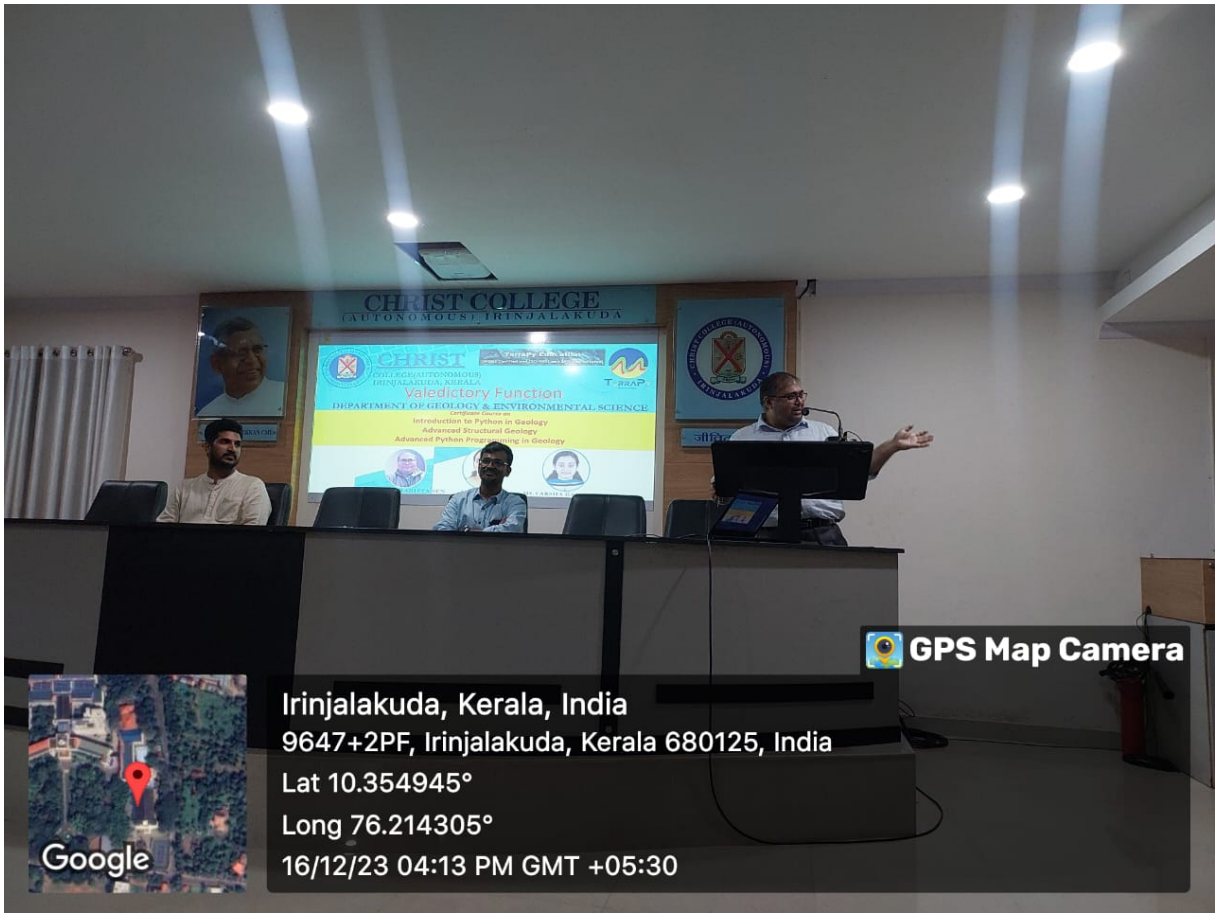
Feedback analysis:

- Students were able to understand how to install Python, distinguish between important data types and use basic features of the Python interpreter The course was useful for students to understand the Basics of Programming in Python
- Students were able to understand application of Python in various disciplines including
- Geology and wanted to include more practical on learning for the Python programming language in various geological problems.
- Apart from the course syllabus, students were able to interact with Python Programming professionals
- Most of the students enjoyed the classes.

Course Coordinator: Dr. Linto Alappat

Course Code: GEOOAPYGL

Students are evaluated on the basis of practical examination (70%), theory examination (20%) and Viva examination (10%). For the assessment of student ability to apply the acquired knowledge, geology related problem was given to all the candidates. The problem solving using the basics of Programming in Python and viva constituted the final 80% of the student evaluation process. Only those students who have solved the problem were allowed to attend the final examination.



Advanced Diploma in Geology

STAFFATTENDANCE REGISTER .....

..... FOR ..... 20 .....

Sl. No.	Designation	NAME	DATE / DAYS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Casual Leave: In the Month	Casual Leave: Previous	Casual Leave: Total	Remarks
46		Arul Thejus	M	✓	A		A	✓		✓	✓	A		✓	✓	A	✓	✓																			
			E																																	
47		Ashby Ann Mathew	M	A	A		✓	✓		✓	✓	A		A	✓	✓	✓	✓																			
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48		Aswin Menon	M	✓	✓		✓	✓		✓	✓	A		A	A	✓	✓	A																			
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49		Danie Mathew	M	✓	A		A	✓		✓	✓	A		✓	✓	✓	✓	✓																			
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50		Delphy Manuel	M	✓	A		✓	✓		✓	✓	A		✓	✓	✓	✓	✓																			
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51		Hamd Bin Abdurrehman	M	A	A		A	A		A	A	A		A	A	A	A	A																			
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52		Megha C.M.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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53		Nandapriya T.	M	✓	✓		A	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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54		Nandhakumar A.K.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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55		R.S. Ananthajith	M	A	A		A	A		A	A	A		A	A	A	A	A																			
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56		Sanika K.S.	M	✓	A		✓	✓		A	✓	A		✓	✓	✓	✓	✓																			
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57		Shana Jasmin T.K.	M	A	A		✓	✓		A	A	A		A	A	A	A	A																			
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58		Shilpa Shaju M.	M	✓	A		✓	✓		✓	✓	A		A	✓	✓	✓	✓																			
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59		~~Hadha~~	M																																	
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60		Ji	M																																	
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Advanced Python in Geology

STAFFATTENDANCE REGISTER ..... FOR..... 20 .....

Sl. No.	Designation	NAME	DATE / DAYS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Casual Leave: In the Month	Casual Leave: Previous	Casual Leave: Total	Remarks
31.		Arun Vikram P.S.	M	A	A		✓	✓		✓	✓	✓		✓	✓	✓	✓	A																			
			E																																	
32.		Aysha Saleem	M	A	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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33		Caren Vencilavouse	M	A	A		A	A		A	✓	A		✓	A	A	✓	✓																			
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34.		Jiswin Johnson	M	A	✓		✓	✓		✓	✓	A		✓	✓	✓	✓	A																			
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35		Jithin C.P.	M	A	A		A	A		✓	✓	✓		✓	✓	✓	✓	✓																			
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36		Krishnaprasad M	M	A	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓																		
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37.		Medha V.M.	M	A	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓																		
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38		Nava Lakshmy N.S.	M	A	A		✓	✓		A	✓	✓		✓	A	✓	✓	✓																			
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39		Pooja K.	M	A	A		A	A		✓	✓	✓		✓	✓	A	✓	✓																			
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40		Sethuraman K.S.	M	A	A		A	A		A	A	A		✓	✓	A	A	A																			
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41		Sooryan K.S.	M	A	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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42.		V.P. Krishna.	M	A	✓		✓	✓		✓	✓	✓		A	✓	A	✓	✓																			
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43		Adithyakrishnan S.	M	A	A		A	A		A	A	A		A	A	A	A	A																			
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44		Anin Mary John	M	A	A		✓	✓		✓	✓	A		A	✓	✓	✓	✓																			
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45		Anzia Fazil	M	A	A		A	A		A	A	A		A	A	A	A	A																			
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"Advanced Python in Geology"

STAFFATTENDANCE REGISTER ..... FOR ..... 20 .....

Sl. No.	Designation	NAME	DATE / DAYS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Casual Leave: In the Month	Casual Leave: Previous	Casual Leave: Total	Remarks
16.		Asif Minhaj N.S.	M	✓	✓		✓	✓		A	A	A		A	✓	✓	✓	✓																			
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17		Bhadra K.V.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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18.		Evon Luzie Wilfred	M	A	A		A	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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19.		Fida Fathima P.N.	M	✓	A		✓	✓		✓	✓	✓		A	✓	✓	✓	✓																			
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20		Gopika G	M	✓	A		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓																			
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21		Jisna Francis.	M	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓																			
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22		Nisma	M	✓	✓		✓	✓		A	A	A		A	A	A	A	A																			
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23		Nizna P.N.	M	✓	A		✓	✓		✓	✓	A		A	✓	✓	A	A																			
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24.		Parthasarathi M.S.	M	✓	✓		A	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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25		Shahal Ahammed A.M.	M	✓	✓		✓	✓		✓	A	A		✓	✓	✓	✓	✓																			
			E																																	
26		Vijesh U Guruprasad.	M	✓	✓		A	A		✓	✓	A		✓	✓	✓	✓	✓																			
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27.		Abel Thomas	M	A	A		A	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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28.		Akhila Nampadakkunnel Santhosh.	M	A	A		A	✓		✓	✓	✓		A	✓	✓	✓	✓																			
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29		Akshay Raj	M	A	A		A	A		✓	✓	✓		✓	✓	A	✓	✓																			
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30		Anupama S.	M	A	A		A	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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Certificate Course on "Advanced Python in Geology" (9.00-10.30am)

STAFF ATTENDANCE REGISTER ..... FOR ..... 20 .....

Sl. No.	Designation	NAME	DATE / DAYS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Casual Leave: In the Month	Casual Leave: Previous	Casual Leave: Total	Remarks
1.		Alana Maria Koshy	M	✓	A		✓	✓		✓	✓	A		✓	✓	✓	✓	✓																			
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2		Aisha T.H.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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3		Amalkrishna K.B.	M	✓	✓		✓	✓		✓	✓	A		✓	✓	✓	✓	✓																			
			E																																	
4.		Arun Thejas V.S.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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5.		Harinarayanan A.	M	✓	A		A	A		✓	✓	A		✓	✓	✓	A	✓																			
			E																																	
6.		Jovial Sebastian Joby	M	✓	✓		✓	✓		A	✓	✓		✓	✓	✓	A	✓																			
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7		Mishel C.S.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
			E																																	
8.		Pavithra Rayu Kudilil Parambil	M	✓	✓		✓	✓		✓	✓	A		A	✓	✓	✓	✓																			
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9.		Sreechandana H Santhosh.	M	✓	A		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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10		Adone Reji	M	✓	✓		✓	✓		A	✓	A		✓	✓	A	A	✓																			
			E																																	
11		Adyalakshmy M.S.	M													✓	✓	✓																			
			E	✓	A		✓	✓		✓	✓	✓		A	A	✓	✓																			
12		Alan Jose	M	✓	✓		A	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
			E																																	
13.		Aleena Shajan	M	✓	A		✓	✓		✓	✓	A		✓	✓	✓	✓	✓																			
			E																																	
14.		Anam Mohamed Shareef	M	A	A		A	✓		✓	A	A		✓	✓	✓	✓	✓																			
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15.		Ananthakrishnan K.R.	M	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓																			
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