

Date: 22-04-2022.

From

Dr. R. Giri Prasad,

Head of the Department,

Department of Petroleum Technology,

Aditya Engineering College (A).

To

The Principal,

Aditya Engineering College

(A).Respected Sir,

Sub: Request for permission to organize a Value Added Course...reg.

For improving the technical proficiency for students of B. Tech VI & VIII Semester, the Department of Petroleum Technology is planning to organize a Value Added Course entitled "Hands on Training on Subsurface Mapping Using Python", from 02-05-2022 to 07-05-2022.

Hence, I request you to grant permission to organize the program.

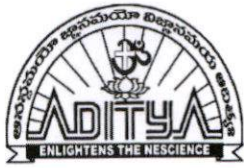
Thanking you,

Yours truly,

*Permitted
S.L*

[Signature]
Head of the Department,

Department of PT.



ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Petroleum Technology

Date: 24-04-2022

CIRCULAR

All the VI & VIII semesters Petroleum Technology students are hereby informed that a value added course named "Hands on Training on Subsurface Mapping Using Python" is going to commence from 02-05-2022 to 07-05-2022. The interested students can register and complete the course. For further details, contact Ms. K.Gargeyi, Assistant Professor, Department of Petroleum Technology.


Head of the Department

DR. R. Giri Prasad

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPAI EM-533 437

COURSE CONTENT

The following topics will be covered

Topic	Hours
Geospatial data processing	5
Data structures and introduction to geo pandas	5
Data visualisation - contouring, colouring	5
cross-sections and triangular plots	5
Visual izing dem in python	5
Introduction to plotly	5
Total hours	30
Topic	Hours

COURSE OUTCOMES

At the end of the course student will be able to

- Understand the subsurface mapping by python.
- Correlate data well by libraries for generation of maps.
- Evaluate contour colouring cross section and plots.
- Understand different libraries for evaluation of model.

RESOURCE PERSON

Mrs. K. Gargeyi

Assistant Professor

Department of Petroleum Technology, AEC

Email: gargeyik@aec.edu.in

[Signature]
Head of the Department
Department of Petroleum Technology
Aditya Engineering College

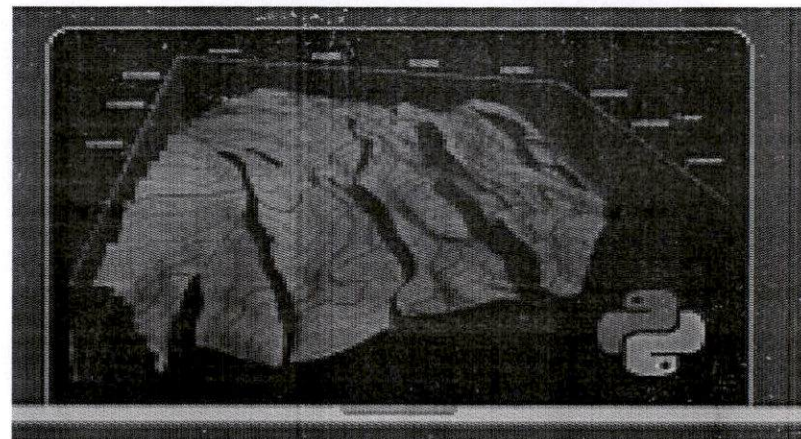
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Value Added Course On

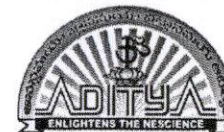
Hands on Training on

Subsurface Mapping using python

02-05-2022 to 07-05-2022



Organized by
Department of Petroleum Technology



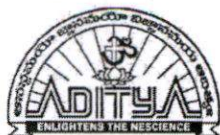
ADITYA ENGINEERING COLLEGE

CO-ORDINATOR

Mr. M.V.V.S. Anuprakash

Assistant Professor

Email: Prakashanu@gmail.com



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Department of Petroleum Technology

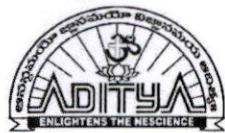
Value Added Course Report

Event name	Hands on Training on Subsurface Mapping using python																
Introduction to Event	This event was introduced to impart knowledge on subsurface structure identification by using python.																
Event date	02-05-2022 to 07-05-2022																
Number of days	06																
Coordinator(s)	Mr.M.V.V.S. Anuprakash																
Agenda/Event Flow	<table><thead><tr><th>Topic</th><th>Hours</th></tr></thead><tbody><tr><td>Geospatial data processing</td><td>5</td></tr><tr><td>Data structures and introduction to geo pandas</td><td>5</td></tr><tr><td>Data visualisation - contouring, colouring</td><td>5</td></tr><tr><td>cross-sections and triangular plots</td><td>5</td></tr><tr><td>Visualizing dem in python</td><td>5</td></tr><tr><td>Introduction to plotly</td><td>5</td></tr><tr><td>Total hours</td><td>30</td></tr></tbody></table>	Topic	Hours	Geospatial data processing	5	Data structures and introduction to geo pandas	5	Data visualisation - contouring, colouring	5	cross-sections and triangular plots	5	Visualizing dem in python	5	Introduction to plotly	5	Total hours	30
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Data structures and introduction to geo pandas	5																
Data visualisation - contouring, colouring	5																
cross-sections and triangular plots	5																
Visualizing dem in python	5																
Introduction to plotly	5																
Total hours	30																
Number of students Participated and list	80 and the participant list is Enclosed																
Target participants	B. Tech VI and VIII Semesters																
Participants Attendance Sheet(enclosure)	Enclosed																
Resource person(s)	K. Gargeyi Assistant Professor Contact No. 8074119963 Email: gargevik@aec.edu.in																
Profile of resource person(s) in brief	Enclosed																
Outcomes	At the end of the course student will be able to • Understand the subsurface mapping by python. • Correlate data well by libraries for generation of maps. • Evaluate contour colouring cross section and plots. • Understand different libraries for evaluation of model.																


Coordinator


Head of the Department

Head of the Department
Department of Petroleum Technology
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SURAMPAL EM-533 437



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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Petroleum Technology

Course: Hands on Training on Subsurface Mapping using python

Scheduled Tenure: 02-05-2022 to 07-05-2022

Venue: KLB 302

S.NO	Roll No	Name	Semester
1.	19A91A2701	AASISH KUMAR DONTHEMSETTY	VI
2.	19A91A2702	ADIVI KARTHIKEYA PAVAN KUMAR	VI
3.	19A91A2703	AFINAND R	VI
4.	19A91A2704	AGANTI RAGHURAM	VI
5.	19A91A2705	AJITH VARGHESE	VI
6.	19A91A2707	ARUN BABU	VI
7.	19A91A2708	ASHIK SURESH	VI
8.	19A91A2709	ASHWIN KRISHNA	VI
9.	19A91A2711	BAGATH P G	VI
10.	19A91A2712	DANTULURI VENKATA RAMA KRISHNAMRAJU	VI
11.	19A91A2713	YANDAPALLI GANESH CHOWDARY	VI
12.	19A91A2714	GHATTY PAVAN SIDDHARTH	VI
13.	19A91A2715	GOKUL KRISHNAN	VI
14.	19A91A2716	INJETI SAHIDYA	VI
15.	19A91A2717	JAGATH J	VI
16.	19A91A2718	JEMMY ZIGEN KATURI	VI
17.	19A91A2719	KALISIPUDI SAI DEEPIKA	VI
18.	19A91A2720	KAMANURU NAGA HEMANTH	VI
19.	19A91A2721	KEEMAN K	VI
20.	19A91A2722	KONDREDDY SAI DHEERAJ KUMAR REDDY	VI
21.	19A91A2723	KUKKALA VINAY	VI
22.	19A91A2724	MADDIMSETTI KARISHMA BHAVANI	VI
23.	19A91A2725	MALLAMPALLI JAYANTH PHANI KUMAR	VI
24.	19A91A2726	MANNAM TARUN KUMAR	VI
25.	19A91A2727	MATTA LEELA SAI KUMAR	VI
26.	19A91A2728	MD FASAHAH MUSHTAQUE	VI
27.	19A91A2729	MUDRAGADDA VENKATA AVINASH	VI

28.	19A91A2730	NANDYALA MAHESH VARDHAN REDDY	VI
29.	19A91A2731	NAVNEET KUMAR	VI
30.	19A91A2732	P T TEGIN	VI
31.	19A91A2733	PATCHALA SUMANTH	VI
32.	19A91A2734	PECHETTI TARUN KUMAR	VI
33.	19A91A2735	RAJANA TEJA	VI
34.	19A91A2736	SWAMIREDDY SRINIVAS	VI
35.	19A91A2737	THILOTHAMAN S	VI
36.	19A91A2738	THOTA MAHESH	VI
37.	19A91A2739	VANARASI SRI PURNA VAMSI KRISHNA	VI
38.	20A95A2701	GUBBALA MADHU BHASKAR	VI
39.	20A95A2702	DASARI SATISH	VI
40.	20A95A2703	CHUPPANA DURGA SESHU	VI
41.	18A91A2701	ADAPA SURESH	VIII
42.	18A91A2702	ADVIN JOLLY	VIII
43.	18A91A2703	AKHIL ARUN	VIII
44.	18A91A2704	ALAN BINU AUGUSTINE	VIII
45.	18A91A2705	ANANTHAKRISHNAN V	VIII
46.	18A91A2706	ANZARI B	VIII
47.	18A91A2707	ARSHAD KHAN	VIII
48.	18A91A2708	BANDARU REVANTH	VIII
49.	18A91A2709	BONTHADA PAVAN PANDU	VIII
50.	18A91A2710	CHADIPIRALLA SUMANTH KUMAR	VIII
51.	18A91A2711	CHELIKACHERLA HAVEESH KUMAR	VIII
52.	18A91A2712	DANNANA GOWTHAM NAIDU	VIII
53.	18A91A2714	GADIGATLA BHAGAVAN SAI HARISH CHOWDARY	VIII
54.	18A91A2715	GANTA SAI KUMAR	VIII
55.	18A91A2716	GIDUTHURI V V V SAI SURYA SAMEER	VIII
56.	18A91A2717	JAGARLAMUDI RAMANA KUMAR	VIII
57.	18A91A2718	JANIPALLI HOLY BLESSING	VIII
58.	18A91A2720	KAKANI HYNDAV YOGI	VIII
59.	18A91A2721	KASINA KRISHNA NAVANEETH	VIII
60.	18A91A2722	KATIKADALA HARSHA CHAITANYA	VIII
61.	18A91A2723	KOSURU SRIKANTH	VIII
62.	18A91A2724	CHOUDHARY KULDIP KUMAR	VIII

63.	18A91A2725	KUNAPAREDDY JASWANTH RAHUL	VIII
64.	18A91A2726	MEDITHI ABHINAV	VIII
65.	18A91A2727	NADIGOTLA RAMYA	VIII
66.	18A91A2728	NARALA SRINUVASULU	VIII
67.	18A91A2729	NOUFAL. N	VIII
68.	18A91A2731	PASAM SAI NARASIMHA REDDY	VIII
69.	18A91A2732	PATSA MADHUSUDHAN	VIII
70.	18A91A2733	REUBEN P CHACKO	VIII
71.	18A91A2735	SREEVISHNU. K.	VIII
72.	18A91A2736	SUBIL VARGHESE JACOB	VIII
73.	18A91A2737	SUJEESH. K	VIII
74.	18A91A2738	TANNIRU VENKATA PRAVEEN	VIII
75.	18A91A2740	VANAMADI GOWRI SHANKAR	VIII
76.	18A91A2742	YAKKALA VENKATA NAGA CHANDRA GOPALA SWAMY	VIII
77.	18A91A2743	ABDULLAH	VIII
78.	19A95A2701	KALEPU VIJAYA RAJU	VIII
79.	19A95A2702	SETTI JASWANTH	VIII
80.	19A95A2703	VELPULA THRINAINA SAI SUBHASH	VIII

Signature of the coordinator

Signature of HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPAL EM-533 437

Course: Hands on Training on Subsurface Mapping using python

S.NO	Roll No	Name	Semester	02-May		03-May		04-May		05-May		06-May		07-May	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
64	18A91A2726	MEDITHI ABHINAV	VIII	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav	Abhinav
65	18A91A2727	NADIGOTLA RAMYA	VIII	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
66	18A91A2728	NARALA SRINUVASULU	VIII	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu	N. Srinivasulu
67	18A91A2729	NOUFAL. N	VIII	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal	Noufal
68	18A91A2731	PASAM SAI NARASIMHA REDDY	VIII	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
69	18A91A2732	PATSA MADHUSUDHAN	VIII	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan	Mudhan
70	18A91A2733	REUBEN P CHACKO	VIII	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko	Chacko
71	18A91A2735	SREEVISHNU. K.	VIII	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu	Sreevishnu
72	18A91A2736	SUBIL VARGHESE JACOB	VIII	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob	S.V. Jacob
73	18A91A2737	SUJEESH. K	VIII	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh	Sujeesh
74	18A91A2738	TANNIRU VENKATA PRAVEEN	VIII	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat
75	18A91A2740	VANAMADI GOWRI SHANKAR	VIII	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar
76	18A91A2742	YAKKALA VENKATA NAGA CHANDRA GOPALA SWAMY	VIII	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy
77	18A91A2743	ABDULLAH	VIII	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah	Abdullah
78	19A95A2701	KALEPU VIJAYA RAJU	VIII	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
79	19A95A2702	SETTI JASWANTH	VIII	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth
80	19A95A2703	VELPULA THRINAINA SAI SUBHASH	VIII	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S	V.T.S.S
Day-Day Course Coordinator Sign															

Course Coordinator

Head of the Department

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437



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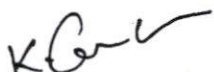
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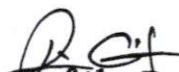
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Department of Petroleum Technology

CERTIFICATE OF PARTICIPATION

This is to certify that [✓]Mr./Ms. BAGATH P S bearing roll no 19A91A2711 of VI Semester has completed the Value Added Course “Hands on Training on Subsurface Mapping using python” during the period 02-05-2022 to 07-05-2022.


Course Instructor


Head of the Department

Resource person profile



Name of Teaching Staff : K. Gargeyi

Designation : Asst. Professor

Department : Petroleum Technology

Qualifications with Class/Grade: UG - B.TECH PG- M.TECH
PhD

Total Experience in Years : Teaching 1 y

Papers Published : 1

Papers Presented in Conferences : -

PhD Guide Give field & University : -

PhDs / Projects Guided : Projects at Masters level

Books Published / IPRs/ Patents :-

Professional Memberships : SPE


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Department of Petroleum Technology
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