To, The Principal SSES Amt's Science College, Congress Nagar, Nagpur-12

Subject: For permission to conduct the add on courses in the Geology department

Respected Sir,

This is to request you that, the teachers of our Geology department have prepared the syllabus and modules of the 30 hours certificate courses for the session 2019-2020.

The details of the course module, syllabus and time table is submitted here with.

Hence please permit to run the add on courses and oblige me.

Thanking you

Date:- 21/06/2019

Department of the logy
S. S. E. S. Amravati's
Science College, Nagpur.

Permitted Permitted Shri Shivaji Education Society Amravati's

Science College

Congress Nagar, Nagpur

Department of Geology

Add on Certificate Course (2019-2020)

Certificate Course in Basic Petroleum Geology

Notice

All the B.Sc. I, II, III year students of Geology Department are hereby informed that the Geology department commencing a certificate course on Basic Petroleum Geology from 6th of December 2019. For this course registration will start from 25th of November 2019 to 4th of December 2019. Interested students contact to course coordinator for registration.

Note: Registration is free

Course Coordinator: Ms. P. B. Zamarkar

Contact No. 7028898026

Course Coordinator



SSESA'S

SCIENCE COLLEGE

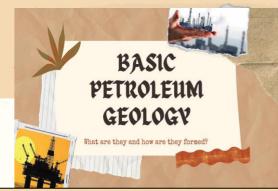
CONGRESS NAGAR, NAGPUR



DEPARTMENT OF GEOLOGY

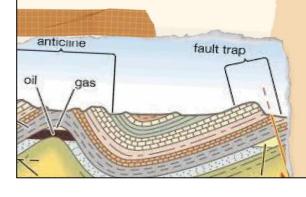
CERTIFICATE COURSE IN BASIC PETROLEUM GEOLOGY





OBJECTIVE OF COURSE

- UNDERSTANDING PETROLEUM SYSTEMS
- 2 IDENTIFYING RESERVOIR ROCKS
- MAPPING STRUCTURAL AND STRATIGRAPHIC TRAPS
- UNDERSTANDING PETROLEUM MIGRATION
- 5 EVALUATING RESERVOIR QUALITY



Shri Shivaji Education Society Amravati's

Science College

Congress Nagar, Nagpur Department of Geology

Certificate course in Basic Petroleum Geology

Session 2019-2020

The Session started from 6^{th} of December 2019 to 21^{st} February 2020. 79 students enrolled for this certificate course. Students successfully completed the theory and practical.

The class on Basic Petroleum Geology was conducted to provide fundamental knowledge about the geological principles and processes relevant to the exploration and production of petroleum. This report outlines the key topics covered, learning outcomes, and insights gained during the course.

Action Taken

The Certificate course in Basic Petroleum Geology provides participants with fundamental knowledge and skills essential for understanding the geological aspects of petroleum exploration and production. Participants gain insights into sedimentary basins, reservoir characterization, petroleum systems, and the geological processes governing hydrocarbon accumulation. Through lectures, practical exercises, and field trips where applicable, students learn to interpret geological maps, analyze rock samples, and evaluate the potential of petroleum reserves. By the end of the course, participants are equipped with a solid foundation in petroleum geology, enabling them to contribute effectively in the energy industry or pursue further studies in this specialized field.



SSESA's Science College Congress Nagar, Nagpur

Certificate course in 'Basic Petroleum Geology'

Content

Unit I: Earth Structure (Lithosphere, Mantle, Core), Determination of Earth structure and Composition (earthquake waves on the Earth, Specific gravity of the earth, Earth's magnetic field, Earth temperature gradient), Plate Tectonics (Continental drift theory, Crust of the Earth, Causes of continental motions, Continental margins, Continental margins and petroleum)

Unit II: Geology time (Geological time scale), Stratigraphy, Paleontology, History of continents, Minerals and Rocks (Physical properties of minerals, Igneous-Sedimentary-Metamorphic rocks), Rock Cycle, Rock Cycle and Petroleum, Weathering erosion and deposition.

Unit III: Marine environment and deposition (Environment, Erosion, Deposition), Structural Geology (stress, strain, fault, fold, strike, dip), Petroleum Trap (Hydrocarbon traps, Structural traps, stratigraphic traps, Combination traps).

Unit IV: Rocks, Reservoirs, Recovery Techniques (Rock sampling, Porosity and permeability)

Practicals: Megascopic identification of minerals and rocks, Structural models.

Reference Books: Basic of Petrolium Geology by Peter K. Link, Elements of Petroleum geology by Richard C. Selley, Rutleys Element of Mineralogy.

Objective of Course

- Understanding Petroleum Systems: Learn about the processes involved in the formation, migration, accumulation, and preservation of hydrocarbons in the Earth's subsurface.
- Identifying Reservoir Rocks: Identify and characterize sedimentary rocks that have the potential to host significant quantities of hydrocarbons, such as sandstones and carbonates.
- Mapping Structural and Stratigraphic Traps: Develop skills in interpreting seismic data and geological maps to locate potential traps where hydrocarbons can accumulate, such as anticlines, fault traps, and stratigraphic traps.
- Understanding Petroleum Migration: Study the mechanisms and pathways through which
 hydrocarbons migrate from source rocks to reservoir rocks, including buoyancy-driven migration
 and fault-related migration.

 Evaluating Reservoir Quality: Assess the porosity, permeability, and fluid saturation of reservoir rocks to determine their suitability for hydrocarbon storage and production.

Course Outcome

- 1. Conceptual Understanding: Developed a solid understanding of the geological processes involved in the formation and accumulation of petroleum.
- 2. Identification of Petroleum Systems: Learned to identify key elements of petroleum systems including source rocks, reservoirs, traps, and seals.
- 3. Application of Geological Principles: Gained proficiency in applying geological principles to petroleum exploration and production scenarios.
- 4. Critical Thinking: Developed critical thinking skills through analysis of geological data and interpretation of subsurface structures and stratigraphy.
- 5. Integration of Multidisciplinary Knowledge: Recognized the interdisciplinary nature of petroleum geology and its integration with other fields such as geophysics, geochemistry, and engineering.

<u>Duration of Course:</u> Ten Weeks (30 hours)

The Structure of the syllabus and system of evaluation

Course		Total	Marks
		Theory	Practical
Certificate Course in Basic	Theory paper in Basic Petroleum Geology: Theory examination will be of MCQ pattern having 40 questions with 2 marks each.	80	20
Petroleum Geology	Practical paper in Basic Petroleum Geology: Practical Examination will be based on performance evaluation in the laboratory	10	00

Course Coordinator

Internal Quality Assurance Cell (iQAC)

Dividen

S. S. E. S. A. Science College Congress Nagar, Nagpur. Principal
S. S.E.S. Amravati's
Science College, Nagpur

SSESA's Science College Congress Nagar, Nagpur

Certificate course in 'Basic Petroleum Geology'

Week wise teaching plan

Week	Hrs	Syllabus
Week 1	1	Earth Structure -Lithosphere, Mantle
	1	Earth Structure - Core
	1	Earth Structure on model
Week 2	1	Earth structure and Composition
	1	Earth's magnetic field, Earth temperature gradient
	1	Megascopic identification of minerals
Week 3	1	Continental drift theory
	1	Crust of the Earth, Causes of continental motions
	1	Megascopic identification of minerals
Week 4	1	Continental margins, Continental margins and petroleum
	1	Geological time scale
	1	Megascopic identification of minerals
Week 5	1	Stratigraphy,
	1	Paleontology
	1	Megascopic identification of minerals
Week 6	1	History of continents,
	1	Physical properties of minerals, Igneous-Sedimentary-Metamorphic
		rocks
	1	Megascopic identification of rocks
Week 7	1	Igneous-Sedimentary-Metamorphic rocks
	1	Cycle, Rock Cycle and Petroleum, Weathering erosion and deposition
	1	Megascopic identification of rocks
Week 8	1	Marine environment and deposition
-	1	stress, strain, fault
	1	Megascopic identification of rocks
Week 9	1	fold, strike, dip
************	1	Hydrocarbon traps, Structural traps,
	1	Megascopic identification of rocks
Week 10	1	stratigraphic traps, Combination traps).
	1	Porosity and permeability
	1	Megascopic identification of rocks

Course Coordinator

SSES Amt's Science College, Congress Nagar, Nagpur-12 Certificate course in Basic Petroleum Geology Time Table

Day	Theory
Friday	PBZ (Th) 4:00 PM – 5:00 PM, ADF(Th) 5:00 – 6:00 PM
Saturday	PBZ/ ADF (P) 4:00 PM – 5:00 PM

PBZ- Miss P. B. Zamarkar

ADF- Miss A. D. Fuladi

Th- Theory

P- Practical

Session 2019-2020

Sr. No.	Name of Student	Surname	Signature
1	Aachal	Badnaware	Adehat
2	Rahul	Bhusele	huse h
3	Lokula	Patle	Pusek
4	Vaidahi	Kamble	raj dahi
5		Maske	Maske
6	Yash	Motghare	1 Dejal
	Sejal	Shelke	Alulylikose
7	Devyani	Thakke	Rutajo
8	Robet	Shete	Sjitak
9	Harshkumar	Titare	- GCI
10	Sejal	Waghmare	Maghmare
11	Pooja	Wasekar	Hardik
12	Hardik	Yadav	Vadav
13	Vinita		Ashwind
14	Ashwin Kumar	Daf	Aharvei
15	Abuci	Zoad	SIL
16	Shreya	Kale	Bhugyashere
17	Bhagyashree	Kapate	Ancier
18	Anchal	Khatke	Divyak
19	Divya	Kurhadkar	cMosram.
20	Prema	Raut	A. T.
21	Vaishnavi	Meshram	Rutujaleshram
22	Rutuja	Meshram	Atroware.
23	Pallavi	Nitnaware	Honeyweekh
24	Honey	Parekh	- Locath
25	Aniket	Parchake	Bhuran
26	Bhuvan	Pashine	
27	Tavam	Shaikh	Bingood
28	Bhalerao	Naina	Bhalemon
29	Burade	Gaurav	Brenay.
30	Chaware	Aditi	Chartone
31	Dhole	Saraswat	Charrett
32	Dhomne	Twinkle	Fromne wink
33	Gadre	Sarthak	G
33	Gaute	Darmin	

Shri Shivaji Education Society Amravati's

Science College

Congress Nagar, Nagpur Department of Geology

Certificate course in Basic Petroleum Geology

Session 2019-2020

Sr. No.	Name of Student	Surname	Signature
1	Aachal	Badnaware	Adehat
2	Rahul	Bhusele	Juse !-
3	Lokula	Patle	Busel
4	Vaidahi	Kamble	Pajdahi
5	Yash	Maske	Maske
6	Sejal	Motghare	1 Deral
7	Devyani	Shelle	Alunikos
8	Robit	Thakke	Rutaio
9	Harshkumar	Shete	Sitale
10	Sejal	Titare	- Gel
11	Pooja	Waghmare	Flaghmare
12	Hardik	Wasekar	Hardik
13	Vinita	Yadav	Vadav
14	Ashwin Kumar	Daf	Ashwind
15	Aburer	Zoad	Atharra
16	Shreya	Kale	
17	Bhagyashree	Kapate	Bhugyashede
18	Anchal	Khatke	Great
19	Divya	Kurhadkar	Dimak
20	Prama	Rout	CMOSTAM.
21	Vaishnavi	Meshram	M (4)
22	Rutuja	Meshram	Rutujaleshram.
23	Pallavi	Nitnaware	Phoware
24	Honey	Parekh	Honey weekh
25	Aniket	Parchake	Local
26	Bhuvan	Pashine	Bhuan
27	Talvam	Shaikh	Bungood
28	Bhalerao	Naina	Bhaleman
29	Burade	Gaurav	Brenay.
30	Chaware	Aditi	Chartore
31	Dhole	Saraswat	Chausell
32	Dhomne	Twinkle	Fromne wink
33	Gadre	Sarthak	G

34	Vaishnavi	Betole	Betole
35	Payal	Chandekar	Payal
36	Gitika	Deshmukh	Gitikal >
37	Neha	Dhanjode	Nehanoele
38	Bhavik	Gedam	Hoden
39	Samsruddhi	Godse	Godse
40	Mitesh	Hikre	Miteshikee
41	Avanti	Khapre	Aventi
42	Shreya	Kothare	W. Committee
43	Yogita	Maske	7
44	Shivam	Nandurkar	A CONTRACTOR OF THE PARTY OF TH
45	Shubham	Nimbalkar	Supram
46	Payal	Ade	Ade
47	Apeksha	Ambare	ALA
48	Piyush	Barapatre	PigushBarapate
49	Nandini	Bhandarkar	Kundin'
50	Sudhir	Borkar	Buthir
51		Meshram	Pil
52	Rider .		Purele
53	Priyanka	Ganjre Hemane	Total ele
	Umakant		1000
54	Theoraj	Yadav	, chetra
55	Chetna	Lanjewar Lazarus	Dazarus
56	Celina	Murarkar	Tan-
57	Prajakta	Patil	Profile
58	Prajkta		Vedonghulle
59	Vedang	Chatte Dhande	Aniket
60	Aniket		Rutuja Gharat
61	Rutuja	Gharat	Salvating
62	Shruti	Ingle	Shruti
63	Saurabh	Karingwar	Chisank
64	Chirag	Khadgi	Chinag
65	Gauxi	Maghram	P
66	Mayuri	Meshram	Vaithmani
67	Vaishnavi	Navghare	Antsh
68	Ayush	Nikhare	
69	Rutuja	Rathod	Aclitichan
70	Aditi	Chaurasia	Pallan-
71	Pallavi	Chopkar	Lanar
72	Parag	Dalal	
73	Sujata	Dhote	(3)
74	Anjali	Dongarwar	Apiali
75	Mahima	Dubey	

76	Rahul	Gadikar	CB .
77	Shivangi	Gedam	Bedam
78	Vaibhavi	Gurumukhi	Vaibhavi
79	Gouri	Kale	Kale

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Certificate Course in Basic Petroleum Geology

2019-2020

Notice

All the students of B.Sc. I,II,III enrolled for the certificate course in Basic Petroleum Geology are hereby informed that attain classes regularly from 6th of December 2019, Friday. It is compulsory to all students to attend the classes and appear for examination.

Go through the time table for more detail about the theory and practical classes.

Course Coordinator

Head HEAD

HEAD
Department of Geology
S. S. E. S. Amravati's
Science College, Nagpur.

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Certificate Course in Basic Petroleum Geology

2019-2020

Notice

All the students of B.Sc. I,II,III enrolled for the certificate course in Basic Petroleum Geology are hereby informed that the final examination of certificate course in Basic petroleum Geology will be held on 6th March 2020 i.e. Friday. It is compulsory to all enrolled students to appear for examination.

The students are informed to note the date and time of the examination as given below-

Theory Examination: Date: 6 March 2020

Time: 11:00 AM- 12: PM

Practical Examination: Date: 7 March 2020

Time: 11:00 AM- 2:00 PM

Course Coordinator

HEAD Department of Geology S. S. E. S. Amravati's

Science College, Nagpur.

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Certificate Course in 'Basic Petroleum Geology'

Theory Examination Attendance

Theory/ Practical (2019 – 2020)

Name of the Teacher: Ms. P.B. Zamadkor

Sr. No.	Name of the	Swiname	Signature
	Student		
1	Aachal	Badnaware	Rachart
2	Rahul	Bhusele	Shusele,
3	Lokita	Patle	Physele
4	Vaidahi	Kamble	Vaidahi
5	Yash	Maske	y Maske
6	Sejal	Motghare	AluNikose
7	Deoyani	Shelke	Rutujos
8	Rohit	Thakre	
9	Harshkumar	Shete	Doin Cial
10	Sejal	Titare	Waghware
11	Pooja	Waghmare	Hardik
12	Hardik	Wasekar	Xadav.
13	Vinita	Yadav	Ashuoing
14	Ashwin Kumar	Daf	Athorna
	Apurv	Zoad	Smera
15	Shreya	Kale	Phaginshiree
16	Bhagyashree	Kapate	Amehal
17	Anchal	Khatke	Divide
18		Kurhadkar	Mustam.
19	Divya	Raut	ha)
20	Prerna	Meshram	n to the shotam
21	Vaishnavi	Meshram	Rutyja eshtam
22	Rutuja	Nitnaware	Honey arakh
23	Pallavi	Parekh	Honey war
24	Honey	Parchake	Bhuvan
25	Aniket	Pashine	Bansee
26	Bhuvan	Shaikh	
27	Tahrim	Naina	Bhalerol
28	Bhalerao	Gaurav	Branon!
29	Burade	Aditi	nautra
30	Chaware	Saraswat	Chavere
	Dhole		Framme Wink
31	Dhomne	Twinkle	11/2
32	Gadre	Sarthak	Betole
33	Vaishnavi	Betole	Payat
34	Payal	Chandekar	Gitilal
35	Gitika	Deshmukh	Dehat hanjo
36		Dhanjode	- Tasylam
37	Neha	Gedam	Codse
38	Bhavik	Godse	
39	Camstillulli		

40	Mitesh	Hikre	_
41	Avanti	Khapre	Avanti
42	Shreya	Kothare	V
43	Yogita	Maske	16
44	Shivam	Nandurkar	Sixam
45	Shubham	Nimbalkar	284
46	Payal	Ade	Ade
47	Apeksha	Ambare	-
48	Piyush	Barapatre	PjyushParapate
49	Nandini	Bhandarkar	Nardini
50	Sudhir	Borkar	* velhis
51	Rita	Meshram	_
52	Priyanka	Ganjre	Pule
53	Umakant	Hemane	Formal
54	Dheeraj	Yadav	
55	Chetna	Lanjewar	Cazanus
56	Celina	Lazarus	Chetna
57	Prajakta	Murarkar	Pralla
58	Prajkta	Patil	day
59	Vedang	Chatte	Vedanghalle
60	Aniket	Dhande	Rufuja Gharat
61	Rutuja	Gharat	Q T
62	Shruti	Ingle	Rawash
63	Saurabh	Karingwar	
64	Chirag	Khadgi	Chizouk
65	Gauri	Kale	Khirag
66	Mayuri	Meshram	
67	Vaishnavi	Navghare	NavV
68	Ayush	Nikhare	
69	Rutuja	Rathod	Ayush Rathoet
70	Aditi	Chaurasia	(Adit ichow)
	Pallavi	Chopkar	Palay
71		Dalal	+ uout
72	Parag	Dhote	
73	Sujata		
74	Anjali	Dongarwar	rober
75	Mahima	Dubey	
76	Rahul	Gadikar	127000
77	Shivangi	Gedam	Stedam
78	Vaibhavi	Gurumukhi	Vaibhavi
79	Gouri	Kale	(Note

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Mineuliar Coerclinator

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Certificate Course in 'Basic Petroleum Geology'

Proclical Examination Attendance

Theory/ Practical (2019 – 2020)

Name of the Teacher:

Sr. No.	Name of the Swarcome		el and ut	
	Student	Sworwing	Signature	
1	Aachal	Badnaware	Aschat	
2	Rahul	Bhusele	Ashusele	
3	Lokita	Patle	Physele	
4	Vaidahi	Kamble	Loúclahi	
5	Yash	Maske	ynoske	
6	Sejal	Motghare	Dejal	
7	Deoyani	Shelke	AluNikose	
8	Rohit	Thakre	19 1 14	
9	Harshkumar	Shete	Silvac	
10	Sejal	Titare	more Ciar	
11	Pooja	Waghmare	Waghmare	
12	Hardik	Wasekar	Hardik.	
13	Vinita	Yadav	Madav	
14	Ashwin Kumar	Daf	Ashwin	
15	Apurv	Zoad	Alharova	
16	Shreya	Kale	_Shreya	
17	Bhagyashree	Kapate	Rhagyachtee	
18	Anchal	Khatke	Arretal	
19	Divya	Kurhadkar	Divyak	
20	Prerna	Raut	CMas roim.	
21	Vaishnavi	Meshram	W	
22	Rutuja	Meshram	Rutuja eshram	
23	Pallavi	Nitnaware	Hinaware	
24	Honey	Parekh	Honey wickh	
25	Aniket	Parchake	Hareth	
26	Bhuvan	Pashine	Phuvan	
27	Tahrim	Shaikh	Panjod	
28	Bhalerao	Naina	Bhaleron	
29	Burade	Gaurav	B)penav	
30	Chaware	Aditi	Charlegre	
	Dhole	Saraswat	Charace	
31	Dhomne	Twinkle	Homne winks	
32	Gadre	Sarthak	G.	
33	Vaishnavi	Betole	Betole.	
34		Chandekar	Payar	
35	Payal	Deshmukh	Gitta	
36	Gitika	Dhanjode	Neha hanjade	
37	Neha		Troam	
38	Bhavik	Gedam	Cacelse	
39	Samsruddhi	Godse	10-900	

40	Mitesh	Hikre	
41	Avanti	Khapre	_
42	Shreya	Kothare	Avanti k
43	Yogita	Maske	B
44	Shivam	Nandurkar	A.
45	Shubham	Nimbalkar	- HWpm
46	Payal	Ade	98
47	Apeksha	Ambare	Ade
48	Piyush	Barapatre	_
49	Nandini	Bhandarkar	Pryush Barapako
50	Sudhir	Borkar	Nandini
51	Rita	Meshram	Buchter
52	Priyanka	Ganjre	_
53	Umakant	Hemane	Tu ele
54	Dheeraj	Yadav	Faray
55	Chetna	Lanjewar	-
56	Celina	Lazarus	Chetra
57	Prajakta	Murarkar	Cazou
58	Prajkta	Patil	
59	Vedang	Chatte	Projeta
60	Aniket	Dhande	Vederatalle
61	Rutuja	Gharat	Anilet
62	Shruti	Ingle	Rufuja Gharat
63	Saurabh	Karingwar	Barrath
64			
65	Chirag Gauri	Khadgi Kale	Chironh
			Chitag
66	Mayuri	Meshram	2.27
67	Vaishnavi	Navghare	Naiv
68	Ayush	Nikhare	Auth
69	Rutuja	Rathod	Faithed
70	Aditi	Chaurasia	ad 1-12-ran
71	Pallavi	Chopkar	Patieny
72	Parag	Dalal	<u>\$</u>
73	Sujata	Dhote	
74	Anjali	Dongarwar	
75	Mahima	Dubey	
76	Rahul	Gadikar	Stedam
77	Shivangi	Gedam	Vaibhavi
78	Vaibhavi	Gurumukhi	Cleate
79	Gouri	Kale	Kale
, ,	00		-

Course Coordinator

SSES Amt's SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR DEPARTMENT OF GEOLOGY

Add on Certificate Course (2019-2020) SUBJECT: CERTIFICATE COURSE IN BASIC PETROLIUM GEOLOGY

Time: 1 hour] [Marks: 80

1.	Question: Which of the following is NOT a type of rock?
0	J
	Metamorphic
0	Igneous
0	Elemental
2.	Question: What is the process by which rocks are broken down into smaller fragments?
0	Erosion
0	Weathering
0	Sedimentation
0	Deposition
3.	Question: Which type of rock is formed from the cooling and solidification of magma or lava?
0	Sedimentary
0	Metamorphic
0	Igneous
0	Conglomerate
4.	Question: What is the term for the process by which sediments are compacted and cemented together to form rock?
0	Lithification
	Precipitation
	Fossilization
	Agglomeration
5.	Question: Which type of rock is typically formed from the accumulation of organic matter in marine environments?
0	Sandstone
0	Shale
0	Limestone
0	Granite
6.	Question: What is the term for a naturally occurring concentration of one or more minerals?
0	Rock
0	Ore
0	Pebble
0	Sediment
7.	Question: Which of the following is NOT a mineral?
0	Quartz
0	
0	Diamond
0	Feldspar
_	1

8.	Question: What is the hardest naturally occurring substance on Earth?
0	Quartz Diamond Calcite Feldspar
0 0	Question: What is the term for the process by which one type of rock transforms into another due to heat and pressure? Weathering Erosion Deposition Metamorphism
0	Question: What is the name of the scale used to measure the hardness of minerals? Richter scale Mohs scale Kelvin scale Beaufort scale
0 0	Question: Which type of rock is typically formed from the compaction and cementation of mineral grains? Igneous Metamorphic Sedimentary Conglomerate
00013.00	Question: What is the term for a naturally occurring, inorganic solid with a crystalline structure and a definite chemical composition? Rock Mineral Ore Sediment Question: Which of the following is NOT a type of sedimentary rock? Sandstone Marble Conglomerate Limestone
0 0 0 0	Question: What is the term for the process by which rocks are physically or chemically broken down by water, wind, or other natural forces? Lithification Erosion Precipitation Fossilization Question: Which of the following is NOT a characteristic used to identify minerals?
0 0	Color Taste Hardness Cleavage

0 0	Question: What is the primary organic component found in petroleum? Oxygen Nitrogen Carbon Hydrogen
0	Question: Which geological process is responsible for the formation of sedimentary rocks? Erosion Volcanism Weathering Sedimentation
0	Question: What is the term for a naturally occurring underground reservoir of hydrocarbons? Aquifer Geyser Reservoir Trap
0 0	Question: What is the primary source of organic material in petroleum source rocks? Plants Algae Animals Fungi
0	Question: Which type of rock is typically impermeable and acts as a seal for petroleum reservoirs? Sandstone Shale Limestone Conglomerate
	Question: What is the term for the process by which petroleum migrates through porous rock? Seepage Diffusion Migration Permeation
22.	Question: Which geological structure is formed by the folding of rock layers? Fault Dome Graben Syncline
23.	Question: What type of trap is formed by the bending of rock layers? Stratigraphic trap Structural trap Combination trap Salt dome trap

- 24. Question: Which method is commonly used to locate potential petroleum reservoirs beneath the Earth's surface? Satellite imaging Well drilling o Seismic surveys o Ground-penetrating radar 25. Question: What is the primary technique used to measure porosity in reservoir rocks? o Well logging o Core analysis o Geochemical analysis Seismic interpretation 26. Question: Which of the following is NOT a type of petroleum trap? Anticline trap o Salt dome trap o Deltaic trap o Fault trap 27. Question: What is the term for the process of increasing the flow of petroleum from a reservoir? o Primary recovery Secondary recovery o Tertiary recovery Enhanced recovery 28. Question: Which type of seismic wave is typically used in seismic surveys to map subsurface structures? o P-wave o S-wave Surface wave o Rayleigh wave 29. Question: What is the primary component of natural gas? o Methane o Ethane o Propane Butane 30. Question: Which of the following is NOT a factor influencing reservoir quality? Porosity o Permeability o Organic content o Depth of burial
 - 31. Question: What is the term for the process of breaking down organic matter into hydrocarbons?
 - o Maturation
 - o Deposition
 - o Diagenesis
 - o Catagenesis

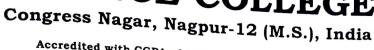
32.	
	Question: Which type of rock contains the highest porosity and permeability?
0	Shale
0	Sandstone
0	Limestone
0	Granite
33.	Question: What is the primary source of energy for the formation of petroleum?
0	Geothermal heat
0	Solar radiation
0	Radioactive decay
0	Pressure from tectonic forces
34.	Question: What is the term for the process by which petroleum is extracted from the ground?
0	Drilling
0	Production
0	Extraction
0	Refining
35.	Question: Which geological feature is formed by the accumulation of sediment at the mouth
	of a river?
0	Fault
0	Graben
0	Delta P:G
0	Rift
36	Question: Which type of rock is typically formed from the accumulation of organic debris in a
50.	swampy environment?
0	Sandstone
0	Limestone
0	Shale
0	Conglomerate
0	Conglomerate
	Question: What is the primary mechanism responsible for petroleum migration?
37.	Question: What is the primary mechanism responsible for petroleum migration?
37. o	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity
37. o	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature
37.	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity
37. o o o o 38.	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil?
37. o o o o o	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane
37.	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane
37. 0 0 0 38. 0	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane Octane
37.	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane
37. 0 0 0 38. 0 0	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane Octane Asphaltene
37. 0 0 0 38. 0 0	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane Octane
37. 0 0 0 38. 0 0	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane Octane Asphaltene Question: Which type of trap is formed by the upward movement of salt within the Earth's
37. 0 0 38. 0 0 39.	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane Octane Asphaltene Question: Which type of trap is formed by the upward movement of salt within the Earth's crust?
37. 0 0 38. 0 0 39.	Question: What is the primary mechanism responsible for petroleum migration? Pressure Temperature Gravity Capillarity Question: What is the primary component of crude oil? Methane Ethane Octane Asphaltene Question: Which type of trap is formed by the upward movement of salt within the Earth's crust? Salt dome trap

- 40. Question: What is the term for the process by which petroleum moves vertically through rock layers?
- o Seepage
- MigrationCapillarityDiffusion



Shri Shivaji Education Society, Amravati's

SCIENCE COLLEGE





Accredited with CGPA of 3.51 at 'A+' grade by NAAC, Bangalore
A "College with Potential for Excellence" identified by UGC New Delhi.
Institutional Member of APQN
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Mentor College under 'PARAMARSH Scheme', UGC, New Delhi

Add-on Course

Course Ex	am Name	e: Certificate	n Cours Course i	<u>se</u> n Basic Petroleun	n Geology
Name of Student:				INSTRUCTIONS FOR FILLI 1. This sheet should not be f	NG THE SHEET
.Shreya Kale	······································	••••••	•••••	 Use only blue/ black ball p Use of pencil is strictly pro 	phibited.
Roll No.:		Session: 2	019-20	4. Circles should be darkene5. Cutting and erasing on thi	s sheet is not allowed.
Test Date: 6/03/20	20 M	ax. Marks: 80		 Do not use any stray mark Do not use marker or whit 	e fluid to hide the mark.
Invigilator Signa		btained Marks:	74	Witterio III E Tille De	ORRECT METHOD
A B C D	A B	C D A	B C D	A B C D	A B C D
20000	12 🔵 🌒 🤇	22 (000/	32 🔾 🔵 🔾	42 0000
30000	13 🔾 🔾	23 🚱	000	33 🔾 🔵 🔾	43 0000
40000	14 🔾 🗑 🤇	24 🔾	000/	34 🔾 🔵 🔾 🔾	44 0000
50000	15 🔵 🕥 🤇	25 🕝		35 🔾 🔾 🔵 🔾	45 🔾 🔾 🔾
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Shri Shivaji Education Society Amravati's

Science College

Congress Nagar, Nagpur

Department of Geology

Certificate course in Basic Petroleum Geology

Session 2019-2020

Marksheet

Sr. No.	First Name	Surname	Theory (80)	Practical (20)	Total (100)	Grade
1	Aachal	Badnaware	50	18	68	Α
2	Rahul	Bhusele	60	17	77	A+
3	Lokita	Patle	74	20	94	A+
4	Vaidahi	Kamble	45	10	55	B+
5	Yash	Maske	78	15	93	A+
6	Sejal	Motghare	55	9	64	Α
7	Deoyani	Shelke	78	19	97	A+
8	Rohit	Thakre	40	19	59	B+
9	Harshkumar	Shete	74	15	89	A+
10	Sejal	Titare	48	12	60	A
11	Pooja	Waghmare	76	15	91	A+
12	Hardik	Wasekar	72	16	88	A+
13	Vinita	Yadav	62	10	72	A
14	Ashwin Kumar	Daf	70	17	87	A+
15	Apurv	Zoad	60	13	73	A
16	Shreya	Kale	74	14	88	A+
17	Bhagyashree	Kapate	68	12	80	A+
18	Anchal	Khatke	56	18	74	A
19	Divya	Kurhadkar	48	10	58	B+
20	Prema	Raut	58	18	76	A+
	Vaishnavi	Meshram	70	15	85	A+
21	Rutuja	Meshram	56	16	72	A
22	Pallavi	Nitnaware	66	13	79	A+
23		Parekh	66	18	84	A+
24	Honey	Parchake	46	17	63	A
25	Aniket	Pashine	48	15	63	A
26	Bhuvan	Shaikh	80	16	96	A+
27	Tahrim	Bhalerao	58	15	73	A
28	Naina	Dilaterate				

29	Gaurav	D				
30	Aditi	Burade	74	18	92	A+
31	Saraswat	Chaware	66	13	79	A+
32	Twinkle	Dhole	72	13	85	A+
33	Sarthak	Dhomne	56	16	72	A
34	Vaishnavi	Gadre	70	16	86	A+
35	Payal	Betole	50	17	67	A
36	Gitika	Chandekar	72	16	88	A+
37	Neha	Deshmukh	56	18	74	Α
38	Bhavik	Dhanjode	48	13	61	Α
39	Samsruddhi	Gedam	48	20	68	Α
40	Mitesh	Godse	70	17	87	A+
41	Avanti	Hikre	-	-	-	AA
42	Shreya	Khapre	74	16	90	A+
43		Kothare	62	18	80	A+
44	Yogita Shivam	Maske	62	11	73	Α
45		Nandurkar	60	16	76	A+
46	Shubham	Nimbalkar	68	18	86	A+
	Payal	Ade	42	15	57	B+
47	Apeksha	Ambare	-	-	-	AA
48	Piyush	Barapatre	48	13	61	Α
49	Nandini	Bhandarkar	52	16	68	Α
50	Sudhir	Borkar	54	13	67	Α
51	Rita	Meshram	-	-	-	AA
52	Priyanka	Ganjre	72	18	90	A +
53	Umakant	Hemane	64	12	76	A +
54	Dheeraj	Yadav	-	-	-	AA
55	Chetna	Lanjewar	56	15	71	Α
56	Celina	Lazarus	68	18	86	A+
57	Prajakta	Murarkar	66	13	79	A +
58	Prajkta	Patil	70	18	88	A+
59	Vedang	Chatte	36	12	48	В
50	Aniket	Dhande	60	11	71	A
51	Rutuja	Gharat	70	17	87	A +
52	Shruti	Ingle	60	14	74	Α
53	Saurabh	Karingwar	-	-	-	AA
	Chirag	Khadgi	64	17	81	A+
54	Gauri	Kale	58	16	74	Α

66	Mayuri	Meshram	T - T	- 1	-	AA
67	Vaishnavi	Navghare	80	18	98	Α
68	Ayush	Nikhare	70	19	89	Α
69	Rutuja	Rathod	68	20	88	Α
70	Aditi	Chaurasia	70	20	90	Α
71	Pallavi	Chopkar	68	20	88	Α
72	Parag	Dalal	74	18	92	Α
73	Sujata	Dhote	-	-	-	AA
74	Anjali	Dongarwar	72	18	90	Α
75	Mahima	Dubey	70	19	89	Α
76	Rahul	Gadikar	68	18	86	Α
77	Shivangi	Gedam	66	20	86	Α
78	Vaibhavi	Gurumukhi	68	20	88	Α
79	Gouri	Kale	70	20	90	A

Course Coordinator

Ms. P. B. Zamarkar

Head
HEAL
Department of Cogy
S. S. E. S. Amracati's
Science College, Nagpur.

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Certificate Course in 'Basic Petroleum Geology'

Attendance

Theory/ Practical (2019 – 2020) Class : B8

Name of the Teacher: Ms. P. B. Zamarkar

Sr. No.	Name of the Student		6/12/19	13/12/19	80/11/03	3/1/20	10/1/20	17/1/20	-	31/1/20	7/2/20	12	14													
1	Aachal	Badnaware	P	P	ρ	ρ	p	P	P	P	P	P	p												 	
2	Rahul	Bhusele	P	P	P		P		P		P	p	P												 	_
3	Lokita	Patle "	P	P	P	P	p		P	P	P							1						-	 	
4	Vaidahi	Kamble	P	P		P	P	P					P				\perp	_				-	 -	-	 	
5	Yash	Maske		P		P			P	P	P		P	,		\perp		_						-	 	
6	Sejal	Motghare		P		ρ		P		P	P	P	L					-						-	 	
7	Deoyani	Shelke	P	P	P	p	P	P	P	P	ρ	P	P				\perp					_			 	
8	Rohit	Thakre	P		P	P	P	P		P		P	P					-	\perp			_		-	 	
9	Harshkumar	Shete		P		P	P	P				P	P			_	_	_							 	_
10	Sejal	Titare	P	P	P	P	P	P	P	P	P	P	P				_								 	
11	Pooja	Waghmare	P	P		P		p	P		P		P					-				-			 	
12	Hardik	Wasekar	P	P		P		P		P	P		P		_										 	
13	Vinita	Yadav	P		P		P	P	P		p		p		_		\perp								 	_
14	Ashwin Kumar	Daf	P	P	P	p		P		P		p										_			 	
15	Apurv ,	Zoad	P	ρ	P	ρ	P	P	P	ρ	P	P	P	$\sqcup \sqcup$											 	_
16	Shreya	Kale	p	P	p		p		P	P	P		p	 				_							 	
17	Bhagyashree	Kapate	P	P	P	ρ	P	P	P	P	P	D	P			_	_								 	_
18	Anchal	Khatke	P	P		P	P	P		P		P											 -	-	 	_
19	Divya	Kurhadkar	P	P	P		P	P	P	ρ	P		P												 	

20	Prerna	Raut)	P	0 1	3	1	P	p	P		p	T	1	b	T										T	
21	Vaishnavi	Meshram	T	PF	1	1)		p	ρ	P	-	P	+	_												
22	Rutuja	Meshram	1	01	_		1	_	_	-	p	P	+														
23	Pallavi	Nitnaware	1	pp	_	P		F	_	p	İ	p	İ		0												
24	Honey	Parekh	1)	r	•		Ť	1	0		-	p	Ť	T	1	1										
25	Aniket	Parchake	K	p	P	P	1	0 1	0	P	P	p	P	1	,		1										
26	Bhuvan	Pashine		P	P	1	Ť	P	1	P	,	P	ρ	P			1										
27	Tahrim	Shaikh	F	2	T	p		P		1	P	ρ		1		T				T							
28	Bhalerao	Naina	T	1		P		P	P	_		P	p	F)												
29	Burade	Gaurav	P	P	P	P	F	P	P	, ,	0	P	P	P													
30	Chaware	Aditi	1		P	P	P			ρ		P		P													
31	Dhole	Saraswat	T	P	P	p	T	F		F	,		P														
32	Dhomne	Twinkle	P				P	P) f	р		P	ρ	P													
33	Gadre	Sarthak			p	P	P		f	9 1	0	P															
34	Vaishnavi	Betole	P	P	ρ	P	ρ	P	P	9 1	0 1	ρ	ρ	P													
35	Payal	Chandekar	P	P		P	p		₽			Р		P													
36	Gitika	Deshmukh		P	P		P	P	p	1	-	P	_	P													
37	Neha	Dhanjode	P			p	P	p	P	r	#	_	P														
38	Bhavik	Gedam		P		P		p		r	_		P														
39	Samsruddhi	Godse	P	P			P	P	P		1	P		P													
40	Mitesh	Hikre			P	ρ	p	P	P					P				\perp									
41	Avanti	Khapre	P	P	P	ρ	P	P	r	P	1	P	ρ	p													
42	Shreya	Kothare	ρ	P	ρ		P	P	P	L	1	0 1	ρ														
43	Yogita	Maske	p			P	ρ	ρ		P	1	1		P													
44	Shivam	Nandurkar	p	P	P		P	P	P		F	2 1	P	p													
45	Shubham	Nimbalkar		P	P	r	P	P		P	F)															
46	Payal	Ade					P							P													

47	Apeksha	Ambare		P		P		P	P		P		P		
48	Piyush	Barapatre	p	P	P	P		P		P		P			
49	Nandini	Bhandarkar		P		P		P		p		P	p		
50	Sudhir	Borkar	P	P	P	P	P	P	P	P	ρ	P	P		
51	Rita	Meshram	P		P		P	P	P				P		
52	Priyanka	Ganjre		P	P	P	P	P	P		P		P		
53	Umakant	Hemane	P	P	P			P	P	P	P	p			
54	Dheeraj	Yadav					P						P		
55	Chetna	Lanjewar	P	P		P	p	P	p	ρ			P		
56	Celina	Lazarus	P	P	P	P	ρ	P	P	P	p	p	P		
57	Prajakta	Murarkar	P	p	-		P		P		P	P	P		
58	Prajkta	Patil	P	P	P	P		P	P	p	p	P			
59	Vedang	Chatte	P		P	p	P	ρ	ρ	P		P	F		
60	Aniket	Dhande	P	P	P	P	P	ρ	p	P	P	P	P		
61	Rutuja	Gharat	P	P	_	P	P	P	P	P			P		
62	Shruti	Ingle	P		P	_	P	P	P		ρ	P			
63	Saurabh	Karingwar										P	P		
64	Chirag	Khadgi	P			p		P		P	P	P			
65	Gauri	Kale	P	P	P	P		P		P	p		F	,	
66	Mayuri ,	Meshram				P							P		
67	Vaishnavi	Navghare	P	P		P	P	P	P	P	ρ		F		
68	Ayush	Nikhare	1	P	P		P	P		P	P		P		
69	Rutuja	Rathod	P	P	ρ	P	P	P	P	P	P	P	P		
70	Aditi	Chaurasia	P	P	P	P	P	ρ	P	P	P	P	ρ		
71	Pallavi	Chopkar	P	+		P	P	P	P	p	P		P		
72	Parag	Dalal	P			P		P	P	1	P	P	F		
73	Sujata	Dhote	P										P		

T

74	Anjali	Dongarwar											P								1	
75	Mahima	Dubey	P	P	P	P	P	P	P	P	P	P	P									
76	Rahul	Gadikar	P		P	P	P		P		P		P									
77	Shivangi	Gedam		P		P		P		P	P	P										
78	Vaibhavi	Gurumukhi	P	P	P		P	P	P		P	P	P									
79	Gouri	Kale	P	p	P	P		P	P	P	P	,	P									
			٥																			

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur Certificate Course in 'Basic Petroleum Geology'

Attendance

Theory/ Practical (2019 - 2020) Class : B8

Name of the Teacher: Mg. P. B. Zamarka

Sr. No.	Name of the Student		72	121	1/12/14	1	11	_	5/1/20	12/20	/2/20	5/2/20	1/2/20	1																				
			45	14	9	4	=	18	25	_	00	2	27	1	_	+	+	+		_	+-	+	+	+	+	+	+	+	-	-	-			\neg
1	Aachal	Badnaware *	p		p	P	P		r		ρ		P	_		_	\perp	1		_	-	+-	+	+	+	+	+	+		-	-			\dashv
2	Rahul	Bhusele	P	P	P	P		P		P			P	•				_		_	_	_	+	+	+	+	-	-			-		 	\dashv
3	Lokita	Patle	P				P		P		P		P								\perp	1	1	1	+	-	-	-				_	 	\dashv
4	Vaidahi	Kamble		P	p		P		P	P	P	P									1	1	1	+	\perp	-	-					_	 	4
5	Yash	Maske	P	P	P	P	p		P	P	P		P							_	_	1	_	4	1	-	-	_				_	 	-
6	Sejal	Motghare	P		p		P	P	P	P						\perp				_	1	1	_	1	_	_		_			_	-	 	\dashv
7	Deoyani	Shelke	P		P		P	,			P	P	1	ρ		\perp				_	1	1		1	_	_				-	-	-	 	-
8	Rohit	Thakre	P		P	P		P	P		P	+÷		р		1	\perp			1	_	4	_	1	_				-	-	-	-	 	-
9	Harshkumar	Shete		P	P	P	P			P	P	_	\rightarrow			\perp				1	_	1	_	4	1				-	-	-	-	 	-
10	Sejal	Titare		P	P			P				P	1	p						_	_	1	1		_				-	-	-	-		_
11	Pooja	Waghmare	P			P	_	P		P			\rightarrow	P		1				_	_		1						-	-	-	1	 	
12	Hardik	Wasekar	F		F	P	P	P	F	1	P		1	p		\perp				1	1	1			_			_	1	1	1	1	 	
13	Vinita	Yadav		P	P	P	1		P	1	P	1	1	_		1				1	1	1	1					_	1	1	1	1	 	
14	Ashwin Kumar	Daf	1	0	P	P	1				F	2	1	ρ						1	_		1				1	_	1	1	1	1	 	
15	Apurv	Zoad		P			4	1		P	-	\rightarrow	P						L	\perp						_	1	_	-	_	1	1	 	
16	Shreya	Kale			F				,	2	1)		P					1									1	1		1	1	 	
17	Bhagyashree	Kapate	1	O F	2	F		P		1	P	_	P					1	-								1	1	_		-	-		
18	Anchal	Khatke		P	r	,	r	,	p	-	1	-	P				_	1	1	1						-	-			1	1	1	 	
19	Divya	Kurhadkar	1	0/1	0	P		P		PI	Р	P	Ρ	P																				

20	Prerna	Raut	P		p	P		P		P	P		P	P
21	Vaishnavi	Meshram		P	P	P	P	P		P	r	P	P	ρ
22	Rutuja	Meshram	P		P	P	P		P	P			P	Ρ
23	Pallavi	Niţnaware	P	P		P	P		P			P		
24	Honey	Parekh		p	P	P		P	P		P		P	P
25	Aniket	Parchake	P	p		P		P		P		P		
26	Bhuvan	Pashine	P	p		P		P		P			P	P
27	Tahrim	Shaikh		P	P		P	P		P	P	P		
28	Bhalerao	Naina	P		P	P	P	P		P	ρ	P		
29	Burade	Gaurav	P	P	P	ρ	P	P	P	P	P	p	P	
30	Chaware	Aditi		P		p		p	P			p		
31	Dhole	Saraswat	p			p		P	p		P		P	2
32	Dhomne	Twinkle	P	P		P		P		P		P		
33	Gadre	Sarthak		P			P	P	P		P		P	
34	Vaishnavi	Betole		P	P		ρ	P		P		ρ		
35	Payal	Chandekar	P		P			P	P	P			P	
36	Gitika	Deshmukh	P	P	P		P		P	P	P		p	ρ
37	Neha	Dhanjode		P	ρ		P		P	P	p			
38	Bhavik	Gedam	P		P		P		p	P	P		p	ho
39	Samsruddhi	Godse	P	P		P	P	P		₽	P	P	ρ	
40	Mitesh	Hikre	P		p	-	p	p	P		P		P	
41	Avanti	Khapre	P	P	P	P	P	P	P	ρ	P	P	P	ho
42	Shreya	Kothare	P	+	P	p	₽		P		P		P	2
43	Yogita	Maske	P		P	+	P			P		P		
44	Shivam	Nandurkar		P		P		P						
45	Shubham	Nimbalkar	P	ρ	P	P		P	P	P		P	P	
46	Payal	Ade	P	P	P		P		P		P		P	D

	1 1 1 -1 -	Ambare	n	20	p	P		P		P	P		P
47	Apeksha		P	P	1		-	p		P	-	p	1
48	Piyush	Barapatre	-	-		P	_	-		F	p	1	P
49	Nandini	Bhandarkar	-	P	P		P	P	-	0	1	-	-
50	Sudhir	Borkar	P	P		P		P		P	P	P	+
51	Rita	Meshram,	P	P			P		P	P	P	P	P
52	Priyanka	Ganjre	P	P	P	P		P		P	_	P	-
53	Umakant	Hemane	P	P		P		P	P	P		F	+
54	Dheeraj	Yadav		P	P	ρ	P		P	P	P		P
55	Chetna	Lanjewar	P	P	P		ρ	p		P		P	
56	Celina	Lazarus	P	1	P		p			p		,	P
57	Prajakta	Murarkar	P		P	ρ	-	P		P		P	
58	Prajkta	Patil	P	1	+	p		p		ρ	P	P	P
59	Vedang	Chatte		P	_	y .		p				P	
60	Aniket	Dhande	p	_	p	,	ρ	-	P	ρ	P		P
61		Gharat	p	1	1	ρ	-	P	P	P	-	p	P
	Rutuja	Ingle	0	+÷	P	,	P	_	H	P	-	P	Ħ
62	Shruti	Karingwar	P	-	+-	P	,	p		P	р	P	P
63	Saurabh		+	+	P	1	P	P	Р	1		P	
64	Chirag	Khadgi	P	_	+	0	P	ρ		D	ρ	_	P
65	Gauri	Kale	P	+-	P	P	P	P	p	F	P	-	P
66	Mayuri '	Meshram	P	+	+-	-	-		P		P	-	*
67	Vaishnavi	Navghare	A	-	p	P	P	-	-	A	P	-	
68	Ayush	Nikhare	-	P	-	f	p	P	P	_	-	P	P
69	Rutuja	Rathod	1		-	P	-			_	_	_	-
70	Aditi	Chaurasia	P	P		P		P		p	P	₽	
71	Pallavi	Chopkar	_		_		P	_			_		0
72	Parag	Dalal	P	P	P	P	P	P	P	P	P	P	P
73	Sujata	Dhote					P						P

74	Anjali	Dongarwar	P	1.	1	T	To	T	T	T	_	_	_		_		_		 	_	_		 	 					
75	Mahima	Dubey	1	+	10	+	P	-	P	-	P	-	1	2	1	_	1	1		\perp	1	\perp							
76	Rahul	Gadikar	P.	0	0	0	100	-	P	-	P	P	1		_	_	4	_											
77	Shivangi	Gedam	p	1	P	4	P	P	P	P	P	P	P	_	1	\perp													
78	Vaibhavi	Gurumukhi	0	-	P	0	P	-	P	-	P	P	1	_	_	1	1												
79	Gouri	Kale	n	+	P	P	P	-	-	P	_	_	r	·	_	\perp	_												
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CERTIFICATE

Mr./Ku.	Showa	Kale	is awarded	with	certificate	on	successful	completion	of	the	course
entitled,	Certificate course	in Basic Petroleum	Geology.								

Session 2019-20 under Add-on course conducted for 30 hours from 06/12/2019 to 21/02/2020 by Department of Geology, SSESA's, Science College, congress Nagar, Nagpur 440012.

He/She has passed the Examination with 'A' Grade.

Dr. P. B. Zamarkar

Coordinator, Department of Geology

Morre

Prof. M. P. Dhore

Principal, Science College, Nagr



Shri Shivaji Education Society Amravati's Science College, Congress Nagar Nagpur

Certificate course in Basic Petroleum Geology

Session 2019-2020

Feedback Form

Participate Information

Stu	dent Name:			
Em		•••••		Date:
	se rate the follo or" and 4 being '		the program on	a scale from 1 to 4, with 1 being
Q.1	How would you	ı rate overall con	tent of the cours	e?
		2	3	4
Q.2	Was the course	material relevant	t and up to date?	,
	1	2	3	4
Q.3	Engagement of 1	Instructor		
	1	2	3	4
Q.4	How would you	rate the instruct	ors teaching met	thods?
	1	2	3	4
Q.5	How would you	rate the resourc	es and facilities J	provided?
	1	2	3	4

