S.S.E.S.A's

Science College

Congress Nagar, Nagpur

Certificate course in Groundwater Exploration

Session 2022-2023

Notice

It is hereby notified to all the students of Certificate course in Groundwater Exploration that their classes will be commenced from 13 May 2022 regularly. Therefore, they are asked to attend the classes on regular basis. All the classes will be running simultaneously with the UC regular classes as mentioned in the timetable.

Course Coordinator





RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone: 2530860

E-mail: doll_rtmnu@gmail.com

To.

No.DOLLE/ 305/22 Dated: 12.08.2022

The Principal

SSES Amt's Science College, Congress Nagar, Nagpur. .

Subject:

Sanction for Conducting Short Term Courses under Jeevan Shikshan

Abhiyan on No Grant Basis. (2022-23)

Sir/Madam.

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	No.of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Environment and Water	Prof. Yogita K. Meshram	43 hrs. (15Weeks)	2	20	1500/-	1076
2	Management. Certificate Course in Ground Water	Ms. P. B. Zamarkar	45 hrs. T- 36 hrs. P- 09 hrs.	2	40	1500/-	10%
3	Exploration. Certificate Course in Mushroom Cultivation.	Dr. R. H. Mahakhode	40 hrs. T- 20 hrs. P- 20 hrs.	2	40	1500/-	10%
4	Certificate Course in Immunology and	Dr. Deepthi Hynal	44 hrs. T- 36 hrs. P- 08 hrs.	2	20	1500/-	10%
5	Immunodiagnostics. Certificate Course in Fruit Processing and Wine Technology.	Dr. Pranita B. Gulhane	45 hrs. T- 37 hrs. P- 08 hrs.	2	20	1500/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

- Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed. 1.
- This sanction is valid for this particular Batch only.
- Fees for the course should be charged as per the norms prescribed. 2. 3.
- Expenditure on the course should be incurred as per norms. 4.
- Course should be started within a Month from the date of sanction. Please communicate your acceptance within a month and submit the Initial Report 5.
- Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive.

Your's faithfull

Director





RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860

E-mail: doll rtmnu@gmail.com

To.

The Principal

S.S.E.S.Amravti's Science College,

Nagpur.

Subject:

Sanction for Conducting Short Term Courses under Jeevan Shikshan

Abhiyan on No Grant Basis.

Sir/Madam.

With reference to your proposal for conducting Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, this is to inform you that your proposal has been accepted and your College has been granted permission to conduct the course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credit	Candidates to be	Fees to be Charged per Student	Fees to be Deposited With the
	Certificate Course in Ground Water Exploration	Ms. P.B. Zamarkar	45 hrs. T-36 hrs P-09 hrs	2	40 (Max 40)	1500/-	Deptt.

Rules & Regulations of this Department regarding these courses should be strictly

Owing to Covid-19 situations all the norms of Central & State Government and instructions 1. by R.T.M. Nagpur University, Nagpur should be strictly followed. 2.

This sanction is valid for this particular Batch only. 3.

Fees for the course should be charged as per the norms prescribed. 4.

Expenditure on the course should be incurred as per norms. 5.

Course should be started within a Month from the date of sanction.

Please communicate your acceptance within a month and submit the Initial Report Submit the List of Students admitted in the excel format attached herewith. 6

Your's faithfully,

No.DOLLE/ 98/22

Dated: 13.05.2022

-Director

Science College

Congress Nagar, Nagpur

Department of Geology

Certificate course in Hydrogeology Exploration

Session 2022-2023

A certificate course in hydrogeology exploration typically provides a focused education on the principles and techniques used to investigate and manage groundwater resources. This type of course may cover topics such as:

Introduction to Hydrogeology, Understanding the basics of groundwater, its occurrence, and importance, Groundwater Exploration Techniques, Hydrogeological Mapping. Groundwater Quality, Hydrogeological Modeling, Environmental and Regulatory considerations

During the session field visit to nearby area is carried out in which two wells were taken under the study for well inventory, The study tour was done under the guidance of Dr. P, B. Zamarkar and Ms. A, D. Fuladi.

Action Taken:

In the session 2022-2023 twenty students were enrolled, all the students qualified with good grades. The passing grade was based on different bases like theory marks, practical marks and field excursion.





Science College. Congress Nagal, Nagpur -440012 A Grade respectfied by NAAC Exngaturu. & A College with Fotomical Excellence by UGC. Tel: 451 0.712 7473432 (b), Telefax: 451 712 2440514 Chin Stone of Courties Security Amizvatis

Application for Admission to Skill based course
1) Certificate course : 2) Diploma course: 3) Advance dip
To. The Principal, Science College Congress Nagar, Nagpur-12
I hereby apply for admission to the above course. I shall abide by the rules and regulations of the concerned department and college. Signature of the applicant
PARTICULARS TO BE FILLED IN BY THE CANDIDATE: 1) Full Name (Block Letters) ANUSHKA AMAR PALANDURKAR 12th State boadd
2) Details of last exam. passed/failed/group/ percent marks obt. ————————————————————————————————————
3) Name of Skill base programme to apply :
4) Details of other courses Applied/admitted 5) Date of birth: U9 US 2003 Contact No 4666571986 E-mail Unushkapalandukas. 06 @ gmail.com
a) Full Name: Annual Income: 80 000 d) Contact No. 9423131866
e) E. mail
Postal address of student for correspondence: 501 Anand hagar, near Sakkardara polite station, Nagoria: Signature of the applicant
Declaration of Father or Guardian
I declare that the applicant is my son / daughter / ward and the particulars given above by him / her are correct and shall see that he / she observes all the rules of the college. Signature of the father (Guardian Full Name. Address - Address - Address - Supplies that the Address

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR IN COLLABARATION WITH

SHRI SHIVAJI SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR- 12

SYLLABUS FOR CERTIFICATE COURSE IN Groundwater exploration

(With effect from academic year 2019- 2020)

The skill based Certificate course syllabus for B.Sc. I, II, II appearing student is 15 weeks Certificate Course in Groundwater Exploration. The examination of Course shall comprise of theory paper of 3 hours caring 50 marks and a practical of 3 hours duration caring 40 marks. Project based carries 10 marks. Candidates are expected to pass separately in theory, Project and practical examinations.

The student requires 40% marks in theory for passing including the project marks. Separate passing in practical examination is required.

Structure of syllabus for diploma course along with distribution of marks is also displayed in the following table.

Course	Theory Paper's and practical's	Marks			Total marks
	·	Theory	Internal Assessment (Project)	Practical	
Certificate course in Groundwater Exploration	Theory paper – Groundwater Exploration (Hydrogeology) Practical based on Toposheet reading	50	10	40	100
	·	Grant T	otal		100

Internal Assessment:

Based on Students attendance and the performance in field work and Project report.

Syllabus

Certificate Course in

Groundwater Exploration (Hydrogeology)

Unit 1

Defination of Precipation, Precolation, runoff, evaporation and transpiration, hydrogeology cycle. Occurence and distribution of groundwater. Zone of aeration and saturation, water table, cone of depression and recharge.

Unit II

Influent and effluent seepage and springs. Elementasry idea about groundwater flow. Hydrogeologic characteristics of different types of rock

Unit III

Aquifer and their classification. Groundwater management: Artificial and natural groundwater recharge. Groundwater province of India. Groundwater conditions in different parts of Maharashtra.

Unit IV

Concept of watershed management. Preparation of hydrogeological maps, statistical analysis of hydrogeological data and use of computer based technique for data analysis and interpretation.

Concept of Aqua meter/ Resistivity meter.

Practicals

- 1. Seminar (Compulsory)
- 2. Hands on training on Aqua meter/ Resistivity meter
- 3. Problems on aquifer properties of groundwater.
- 4. Hydrogeological Survey and Well inventory
- 5. Water table contour map

Teaching Plan Certificate Course (15 weeks) Groundwater Exploration (Hydrogeology)

Weeks	Theory/ Practical	Hours	Content								
Week I	Theory I	1	Definition of Precipitation, Percolation. Regulation (Continued)								
	Theory II	11	- Laut Descipitation, Percolation (Continues)								
	Theory III	III	Definition of runoff, evaporation and transpiration								
Week II	Theory I	IV	Brief idea about Runoff								
	Theory II	V	Brief idea about evaporation								
	Theory III	VI	Brief idea about transpiration.								
Week III	Theory I	VII	Introduction to hydrological cycle								
	Theory II	VIII	Hydrogeology cycle.								
	Theory III	IX	Hydrogeology cycle.(Continued)								
Week IV	Theory I	Х	Zone of aeration and saturation,								
	Theory II	XI	Zone of aeration and saturation,								
	Theory III	XII	Zone of aeration and saturation,								
Week V	Theory I	XIII	Zone of aeration and saturation,(Continued)								
	Theory II	XIV	Water table								
	Theory III	XV	Cone of depression								
Week VI	Theory I	XVI	Recharge of groundwater								
	Theory II	XVII	Elementary idea about groundwater flow.								
	Theory III	XVIII	Elementary idea about groundwater flow.(Continued)								
Week VII	Theory I	XIX	Hydro geologic characteristics of different types of rock								
	Theory II	XX	Hydro geologic characteristics of different types of rock.(Continued)								
	Theory III	XXI	Aquifer and their classification.								
Week VIII	Theory I	XXII	Aquifer and their classification.(Continued)								
	Theory II	XXIII	Groundwater management: Artificial recharge.								
	Theory III	XXIV	Groundwater management: Artificial recharge.(Continued)								
Week IX	Theory I	XXV	Groundwater management: natural groundwater recharge.								
	Theory II	XXVI	Groundwater management: natural groundwater recharge.(Continued)								
	Theory III	XXVII	Groundwater province of India.								

Week X	Theory I	XXVIII	Groundwater province of India.(Continued)						
	Theory II	XXIX	Groundwater conditions in different parts of Maharashtra.						
	Theory III	XXX	Groundwater conditions in different parts of Maharashtra.(Continued)						
Week XI	Theory I	XXXI	Concept of watershed management.						
	Theory II	XXXII	Concept of watershed management.(continued)						
	Theory III	XXXIII	Preparation of hydrogeological maps						
Week XII	Theory I	XXXIV	Preparation of hydrogeological maps (continued)						
	Theory II	XXXV	statistical analysis of hydrogeological data						
	Theory III	XXXVI	Detail information about Aqua meter/ Resistivity meter						
Week XIII	Practical I	XXXVII	Problems on aquifer properties of groundwater						
	Practical I	XXXVIII	Problems on aquifer properties of groundwater						
	Practical III.	XXXIX	Well inventory						
Week XIV	Practical I	XXXX	Well inventory						
	Practical II	XXXXI	Water table contour map						
	Practical III	XXXXII	Water table contour map						
Week XV	Practical I	XXXXIII	Aqua meter						
	Practical II	XXXXIV	Resistivity meter						
	Practical III	XXXXV	Resistivity meter						

S.S.E.S. Amravati's

Science college Congress Nagar Nagpur Department of Geology

Skill based courses Session 2022-2023

Certificate Course (Hydrogeology Exploration)

SR.No.	Name of Student	M/F
01	Anushka Palanodurkar	F
02	Preshit Wahale	М
03	Shravani Kusare	F
04	Purva Adhau	F
05	Yashika Rangari	F
06	Pooja Hajare	F
07	Jatin Khare	М
08	Sakshi Narnaware	F
09	Atharwa Wankhade	M
10	Dhanshree Chodhari	F
11	Sanjana Jangade	F
12	Aditya Wadibhasme	M
13	Harsh Bhoutkar	M
14	Aahan Manwatkar	F
15	Radhika Gaikwad	F
16	Dhanashree Dharmik	F
17	Mohammed Sahil Anwar Motiwala	M
18	Arya Kunsarpawar	F
19	Nishchal Ingle	F
20	Kshitij Gupta	F

Shri Shivaji Education Society Amravati's, Science College, Congress Nagar, Nagpur Subject:- Certificate Course in Groundwater Exploration (Hydrogeology) Department of Geology

Teacher Name: P. B. Zamozka

No. Students Full Name 2/2/2/3/3/2/2/3/3/2/2/3/3/3/2/2/3/3/3/2/2/3/3/3/3/2/2/3/3/3/3/2/2/3/3/3/3/2/2/3/3/3/3/3/2/2/3/3/3/3/3/3/2/2/3

Assistant Professor
Department of Geology
S. S. E. S. Amravati's

Science College, Nagpur.

Shri Shivaji Education Society Amravati's, Science College, Congress Nagar, Nagpur Subject:- Certificate Course in Groundwater Exploration (Hydrogeology)

Teacher Name: A.D. Ful

Department of Geology 2022 – 2023

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Sr.	Students Full Name	10023 1023 1023 1023 1023	23		
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14	Anushka Palanodurkar	7	.* 2:		
2	Preshit Wahale	1			
ω	Shravani Kusare	,	3		
4	Purva Adhau	, 6 . 6,	0		
5	Yashika Rangari	•			
6	Pooja Hajare	+			
7	Jatin Khare		9		
∞	Sakshi Narnaware	,			
9	Atharwa Wankhade		+		
10	Dhanshree Chodhari	4 4 4	0		
11	Sanjana Jangade	-			
12	Aditya Wadibhasme	7	-		
13	Harsh Bhoutkar		7		
14	Aahan Manwatkar	, .	+		
15	Radhika Gaikwad	9 9	3		
16	Dhanashree Dharmik	7 4 6 6 9			
17	Mihammed Sahil	P. , P .	-d		
	Anwar Motiwala				
18	Arya Kunsarpawar	7	+		
19	Nishchal Ingle				
20	Kshitii Gunta	dd d d d d			

A. D. Febrati. Assistant Professor
Department of Geology
S. S. E. S. Amravati's
Science College, Nagpur.

Jean

Shri Shivaji Education Society Amravati's, Science College, Congress Nagar, Nagpur Subject:- Certificate Course in Groundwater Exploration (Hydrogeology)

Department of Geology

Teacher Name: A.D. Fuladi

Theor	y / Praetical												20)22	- 20	023		-61																	
Sr. No.	Students Full Name	06/10/2013	12/1/200	20/0/00	24/01/2022	636086	Blosland	17/02/20	24/2022	Blateres	Kladons	14 hulle	000/1911	10 00 00 00 00 00 00 00 00 00 00 00 00 0	5	04/0x/203	_	80C/50/01	11/05/2013																
1	Anushka Palanodurkar		,	-	-			P.			,				-		p		P					1	+			+		+					
2	Preshit Wahale	P	١,	-					P			+	,		-	, ,	+		1-1		\top		\neg	+	+			+	\top	\top					
3	Shravani Kusare			١.	1.			-	i.	r	٠.	F	>	-		Ø .	\uparrow		1.						+	_		+							
4	Purva Adhau	P	١.	P	_	P	P		9		P	-	F	1	,	F	>	P	P				1	+	+			\vdash		\Box					
5	Yashika Rangari	1	-	1	-	Ť	-	9	,				1	<u> </u>	ρ.	-	+	r	1				\neg		\top	\dashv				П					
6	Pooja Hajare	P	P	-	P.		P		P	P		-	P		١.	P		•	P		\Box														
7	Jatin Khare	-			P	-		-		-	P		1			. F	>	,	P		\Box				\top					П					
8	Sakshi Narnaware	-	,	F			P		_		١.			7		1	١.													П					
9	Atharwa Wankhade	P	P	P		-	9.		P		P	P	P	P	P	P	1	P	a																
10	Dhanshree Chodhari	F		P	١.	P	٠	P		P	P		P	1	P	P			P															\sqcup	
11	Sanjana Jangade	P		P		P	-	p	P	P	P	P	12	P	P	P		٩	~																
12	Aditya Wadibhasme	P	P	P	P	-	P	P	P	P	P	8	P	P	9	P	P	>	P														\perp	\sqcup	_
13	Harsh Bhoutkar	-		•		`	-	•	-	-							•														\perp		\perp	\sqcup	_
14	Aahan Manwatkar	•	P	P	P	P	P	•	•	٠	P	P	8	P	P	P	P	,	P											\perp	\perp		\perp	\perp	_
15	Radhika Gaikwad	P	•	P		-	P	P	P	•	۴	P	-	P		P	P	1	Р										\perp	\perp	\perp		\perp	\sqcup	_
16	Dhanashree Dharmik	P	8	P		P	~	P	4	P	P	P	P	P	٠	P	P	1	P										\perp	\perp	\perp	\perp	_	\perp	_
17	Mihammed Sahil			·	P	-			P		P	-	P	-		,	P	,																	
	Anwar Motiwala				,		_	_	_									-	'		_	-	\square			-	+	+	+	+	+	+	+	+	\dashv
18	Arya Kunsarpawar	•	•			P				•	•	•			P		٠_	\rightarrow	P	_	+	-				-	+	+	+	+	+	+	\vdash	+	-
19	Nishchal Ingle	P	P	٠			\rightarrow	P	-	-	-	•	P	0	P	•	F				-	-				-	+	+	+	+	+		\vdash	+	4
20	Kshitij Gupta	P	P	P	P	P	P	•	P	P	P		P	1	P	٠	P	F													\perp			\perp	

Andreali A.D. Fulas

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

RTMNU Practical Examination, Winter: 2022 Skill Base Course (2022-23)

Groundwater Exploration certificate course

Department of Geology

Center: S.S.E.S.A's Science College, Congress Nagar, Nagpur- 440012

Time: 3 hours	Date: 20/05/2023 Marks: 30 M
NAME:	
Note:—(1) There are 18 objective type questions and each (2) All questions are compulsory	h question carry one marks.
1 refers to the fluid-holding capacity of a roca) Porosity b) Voids ratio c) Permeability d) Specific yield.	ck.
2is the rate at which water passes through under a unit hydraulic gradient. a) Permeability b) Storativity c) Transmissivity d) Not known.	gh a unit width of the aquifer
3. Which aquifer is called water table aquifer? a) Unconfined aquifer b) Confined aquifer c) Ground aquifer d) Connate aquifer.	
 4. What is the pressure of upper surface of unconfined act a) Very high pressure b) Lower than atmospheric pressure c) Equal to atmospheric pressure d) Greater than atmospheric pressure. 	quifer?
5. What is the isolated water table held by a small extens	ion of impervious rock called?

a) Underlying water
b) Phreatic water
c) Perched water
d) Underwater.
6. What is the volume of voids in a rock mass expressed in percentage of total volume of
rock called?
a) Porosity
b) Voids ratio
c) Permeability
d) Specific yield.
7. Which types of rocks are highly porous?
a) Igneous
, b) Sedimentary
c) Metamorphic
d) Igneous and Metamorphic.
8. What is the quantity of water that a unit volume of aquifer drains by gravity called?
a) Porous volume
b) Water yield
Specific yield
d) Unit yield.
9 is the term used to express the amount of water retained by a unit
volume of aquifer after allowing gravity drainage through it.
a) Unit yield
Specific retention
c) Unit retention
d) Specific allowance.
10. Which among the following is not an example of the good aquifer?
(a) Granite
b) Gravels
c) Limestones
d) Sandstones.
11.What is an artesian well?
a) A free-flowing well.
b) A geyser.
c) A spring



d) Any well where water rises above the aquifer itself.	
12is defined as a geohydrological unit draining to a common point by a	
system of drains.	
a) Basin	
b) Watershed	
c) Drainage	
d) None of the above.	
13, is the rate of flow under a unit hydraulic gradient through a unit cross-	
sectional area of aquifer	
a) Hydraulic conductivity	
b) Storativity	
c) Transmissivity	
d) None of the above.	
14. The sedimentary rocks of the Barakar and Godavari river basins contain	1
good aquifers of ground water.	
a) Deccan trap	
b) Alluvium	
\ C\Condwana	
d) None of aboove.	
15 groundwater province which occupy about 82% of the total area of	of
the State, is a major groundwater province for consideration and evaluation of groundwater	er
potential in the State.	
Deccan Trap volcanic grounwater province	
b) Proterozoic sedimentary grounwater province	
c) precambrian metamorphic grounwater province	
d) Gondwana sedimentary grounwater province.	
16. The Objectives of Watershed Management :	
a) Production of food, fodder, fuel.	
b) Pollution control	
c) Over exploitation of resources should be minimized	
√d∤All of the above.	
17is the entry of water into the groundwater system, as in infiltration and	
disappearing streams.	
a Recharge	
b) Discharge	

- c) Both (a) and (b)
- d) Not known.
- 18. What is formed when water is removed from a well?
- Cone of depression.
 - b) Cone of discharge.
 - c) Zone of aeration.
 - d) Zone of saturation.

Seminar Viva-voice (06 marks) (06 marks)

Internal Examiner
Ms. P. B. Zamarkar

Certificate Course Practical Examination Summer 2023

Subject: Groundwater Exploration (Geology)

Centre: Shri Shivaji Science College, Congress Nagar, Nagpur

Time: Three hours

Full marks: 30

Q.1. Give a brief idea about well inventory by performing nearby well.

20 Marks

Q.2. Seminar.

10 Marks

Coordinator
Department of Geology
Shri Shivaji Science College,
Nagpur.

Shri Shivaji Education Society Amravati's, Science College, Congress Nagar, Nagpur Subject:- Certificate Course in Groundwater Exploration (Hydrogeology) Department of Geology Session 2022 – 2023

Sr. No	Students Full Name	Theory Marks (Out of 10)	Theory Internal (Out of 10)	Practical Marks (Out of 30)	Practical Internal (Out of 10)	Total (Out of 80)	Grade
1	Anushka Palanodurkar	38	10	30	10	88	A+
2	Preshit Wahale	26	10	29	10	75	A
3	Shravani Kusare	36	10	25	10	81	A
4	Purva Adhau	34	10	24	10	78	A
5	Yashika Rangari	38	10	26	10	84	A
6	Pooja Hajare	36	10	30	10	86	A+
7	Jatin Khare	16	10	28	10	64	B+
8	Sakshi Narnaware	28	10	28	10	76	A
9	Atharwa Wankhade	38	10	27	10	85	A+
10	Dhanshree Chodhari	38	10	30	10	88	A+
11	Sanjana Jangade	38	10	30	10	88	A+
12	Aditya Wadibhasme	32	10	30	10	82	A
13	Harsh Bhoutkar	38	10	28	10	86	A+
14	Aahan Manwatkar	42	10	28	10	90	A+
15	Radhika Gaikwad	36	10	29	10	85	A+
16	Dhanashree Dharmik	34	10	30	10	84	A
17	Mihammed Sahil Anwar Motiwala	34	10	28	10	82	A
18	Arya Kunsarpawar	34	10	27	10	81	Α
19	Nishchal Ingle	42	10	27	10	89	A+
20	Kshitij Gupta	32	10	30	10	82	A

Course Co-Ordinator
Department of Geology
Shri Shivaji Science College,
Nagpur.

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Shri Shivaji Education Society Amravati's, Science College, Congress Nagar, Nagpur Subject:- Certificate Course in Groundwater Exploration (Hydrogeology) Department of Geology Session 2022 – 2023

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Course Co-Ordinator
Department of Geology
Shri Shivaji Science College,
Nagpur.







Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

[Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016(Mah. Act No. VI of 2017)]

University Skill Development Centre (under Board of Lifelong Learning and Extension)



No
Shri/Smt./Ku. Anushka Palanodurkova is
awarded with Certificate on successful completion of the course titled Groundweter Explorer (Hydrogeology) in
session 2022 - 23 under Jeevan Shikshan Abhiyan conducted for
45 hours from 12 12 14 14 12 12 by the Board of Lifelong
Learning & Extension in collaboration with Department of Botany,
S.S.E.S. Amt's Science College Congress Nagar, Nagpur, 440012.
He/She has passed the Examination with Grade
Total Credits Earned: 01

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

Course Co-ordinator SSES Amt's Science College Congress Nagar, Nagpur-12

Amaxle at

Director Board of Lifelong Learning and Extension, RTMNU, Nagpur

Shri Shivaji Education Society, Amravati's

SCIENCE COLLEGE

Congress Nagar, Nagpur-12 (M.S.)

India 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 Recognized Centre for Higher Learning and Research Mentor College under 'PARAMARSH Scheme', UGC, New Delhi

SSES Amravati's Science College, Congress Nagar, Nagpur-12 DEPARTMENT OF GEOLOGY

Short Term Course under Jeevan Shikshan Abhiyan on No Grant Basis (2022-23)

Course Title: Certificate Course in Groundwater Exploration (Hydrogeology)

Feedback Form										
Name of Volunteer										
Please rate the following aspects of the program on a scale from 1 to 4, with 1 being "Poor" and 4 being "Excellent"										
Q.1 Relevance of the event										
	1	2	3	4						
Q.2 Clarity of Instructions										
	1	2	3	4						
Q.3 Enga	Q.3 Engagement of Instructor									
	1	2	3	4						
Q.4 Inter	raction and I	Participation		_						
	1	2	3	4						
Q.5 Benefits of Program										
	1	2	3	4						









