

B.L.D.E. ASSOCIATION'S
S.B ARTS AND K.C.P SCIENCE COLLEGE,
VIJAYAPUR
DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN
WATER AND SOIL TESTING
2019-20

BLDEA's
S.B.Arts and K.C.P.Science College Vijayapur
Dept of Chemistry

NOTICE

Date : 12/07/2019

All the students of COP Course in Soil and water analysis are hereby informed that, interested students can take admission to one year soil and water analysis certificate course. Students can contact Dr. M.S. Yadawe on or before 25/07/2019.



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Vijayapur.



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Dept. of Chemistry
S.B Arts & KCP Sc. College,
Vijayapur.



Principal,
S. B. Arts & KCP Sc. College,
Bijapur

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S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry

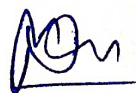
NOTICE

Date: 10/08/2019

It is here by informed Chemistry students who registered the COP course to attend the classes on 18/08/2019.


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H O D



B. L. D. E ASSOCIATION'S
S. B ARTS AND K. C. P SCIENCE COLLEGE,

SHRI B. M. PATIL ROAD (Solapur Road), VIJAYAPUR

ACCREDITED at 'A' Grade in 3rd Cycle by NAAC

Phone: (08352) – 261766, (08352) 262770 Extn. 2223, 2224

Fax: 08352 – 261766 E-mail: bldeasbkcp@gmail.com Web: www.bldeasbkcp.org



DEPARTMENT OF CHEMISTRY

CARRER ORIENTED PROGRAMME (C.O.P)

“WATER AND SOIL TESTING”

NOTICE

All the students of B.Sc Chemistry who have enrolled their names for COP Course in “**WATER AND SOIL TESTING** “ are hereby informed to attend the classes to be held on the below dates.

	Paper	DAY	TIME
Theory	Paper-I	MONDAY, TUESDAY	5.00-6.00PM
	Paper-II	WEDNESDAY,FRIDAY	
Practical	Paper-I	SUNDAY	12.00-4.00PM
	Paper-II		

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CERTIFICATE COURSE IN WATER AND SOIL TESTING

Syllabus

Paper- I (Water Testing)

Chapter – I:

Introduction, Sources of water, Quality of natural water, Main quality characteristics of water, Effect of water on rocks and minerals. (15 hrs)

Chapter – II:

Water pollution: Definition, water pollutants, Types of water pollution, chemical pollution of water, ground water pollution, harmful effects of water pollution, factors affecting surface water, dangers of water fluoridation. (25 hrs)

Chapter – III:

Sources of water pollution, sewage and domestic water, Industrial effluents, agricultural discharge, fertilizers, toxic metals, siltation, thermal pollutants. (25 hrs)

Chapter – IV:

Water sampling techniques. (10 hrs)

Total = 75 hours

Paper- II (Soil Testing)

Chapter – I:

Introduction : components of soil, soil mineralogy, soil classification, physical properties of soil, soil taxonomy. (15 hrs)

Chapter – II:

Soil chemistry: chemical composition of soil, soil organic matter-Carbon and Nitrogen in soil organic matter, status of soil, beneficial role of organic matter, fractionation of soil organic matter and humus. (25 hrs)

Chapter – III:

Soil colloids, soil clays, organic soil colloids.
Ion exchange phenomena : ion exchange capacity, ion exchange formulations, effect of exchangeable cations on soil properties, some uses of ion exchange data, soil reactions, meaning of soil pH, soil acidity, soil alkalinity, soil reaction and plant growth, nutrient transformation and fixation, soil pesticide interaction. (25 hrs)

Chapter – IV:

Soil sampling and preparation of soil sample for analysis. (10 hrs)

Total = 75 hours

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PRACTICALS

Practical – I (Water Testing)

1. Determination of turbidity.
2. Determination of pH of water using pH meter and potentiometer.
3. Determination of conductance of water.
4. Determination of alkalinity.
5. Determination of acidity.
6. Determination of permanent hardness of water (EDTA method)
7. Estimation of calcium by volumetric method.
8. Estimation of magnesium by volumetric method.
9. Determination of BOD.
10. Determination of COD.

Practical – II (Soil Testing)

1. Determination of electrical conductivity of a soil sample.
2. Determination of pH of a soil sample.
3. To determine salinity and alkalinity of soil sample.
4. Determination of available sulphur in soils by turbidometry.
5. Determination of organic Carbon in soils colorimetrically.
6. Determination of available boron in soil spectrophotometrically.
7. Determination of copper in soil spectrophotometrically.
8. Determination of bulk density of soil.
9. Estimation of amount of nitrogen present in a sample of soil.
10. Determination of phosphate (total Inorganic & Organic) present in a sample of soil.

FIELD / PROJECT WORK : Certificate Course

Collection of water from different sources – under ground water, spring and well water, Rivers, Tanks, Industrial waste water (technique of sampling)

Collection samples from irrigated, non-irrigated and barren lands (technique of sampling).

Structure of teaching programme:

(1 credit = 15 hours)

	Theory Paper-I and II	Practicals I and II	Field/project work	
Certificate Course	4 hrs/week Total 10 credits	4 hrs/week Total 10 credits	4 hrs/week Total 10 credits	30 credits
Total	150 hours	150 hours	150 hours	450 hours

Pattern of Examination: Certificate Course:

Event	Duration of Exam.	Marks	Internal	Total	Minimum passing marks
Paper – I Theory	3 hours	80 marks	20 marks	100 marks	40 marks
Paper – II Theory	3 hours	80 marks	20 marks	100 marks	40 marks
Practical – I	4 hours	80 marks	20 marks	100 marks	40 marks
Practical – II	4 hours	80 marks	20 marks	100 marks	40 marks
Field/ Project Work		----	----	100 marks	40 marks
			Total	500 marks	200 marks

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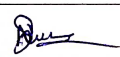
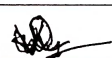
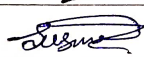


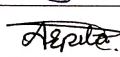
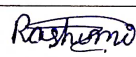
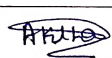
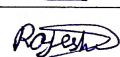

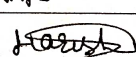
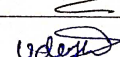
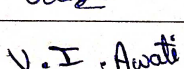
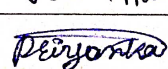
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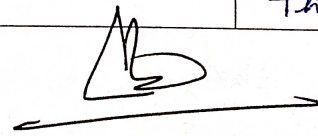
List of admitted Students to COP Course for the academic year 2019-20


Sl No	Name of the Student	Signature of the students
1.	SOUMYA.CHAVAN	
2.	NAGARAJ.SHIRASHYAD	
3.	VAIBHVA.KALADAGI	
4.	SUSHMITA.PATARIMAT	
5.	SUMANGALA.N.HIREMATH	
6.	ASHWINI.P.JADAV	
7.	ARAPITA.L.KAMALAKAR	
8.	RASHMI.J.DANAGOND	
9.	AKILA.B.KARANI	
10.	RAJESHWARI.BHUYAR	
11.	RASHMI.G.DASHYAL	
12.	HARSHITAKUMARI.H.K	
13.	UDESH.JANAWAD	
14.	VIDYA.I.AWATI	
15.	PRIYANKA.HADAPAD	

(continued)

16.	AKASHATA.NAIK	<u>Akashata</u>
17.	RENUKA.SIDWADKAR	<u>Renuka</u>
18.	LAXMI.KUMBAR	<u>Laxmi</u>
19.	VISHAL.RATHOD	<u>Vishal</u>
20.	ABILASHA.MUNJATTI	<u>Abilasha</u>
21.	SANJAYANI.SONNAGI	<u>Sanjayani</u>
22.	VIJAYALAXMI.BIRADAR	<u>Vijayalaxmi</u>
23.	SWETA.ADALLI	<u>Sweta</u>
24.	KARTIK.PATIL	<u>Kartik</u>
25.	VANITA.H.RATHOD	<u>Vanita</u>
26.	PRIYANKA.UPPAR	<u>Priyanka</u>
27.	SHRUTI.NANI	<u>Shruti</u>
28.	GEETA.VAIDYA	<u>Geeta</u>
29.	MAHANTESH.YALAJERI	<u>Mahantesh</u>
30.	TEJASWINI.HITNALLI	<u>Tejaswini</u>


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**ADD-ON COURSE: CERTIFICATE COURSE IN SOIL AND WATER TESTING STUDENTS
ATTENDANCE REGISTER**

**Certificate Course in Soil and Water Analysis
Student List(Theory paper I)2019-2020.**

Sl.no	Name of the students	12/8/19	13/8	19/8	20/8	26/8	27/8	29/8	3/9	9/9	10/9	16/9	13/9	25/9	24/9	30/9	2/10	12/10
1	SOUMYA.CHAVAN	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	NAGARAJ.SHIRASHYAD	Present	AB	Present	Present	Present	AG	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	VAIBHVA.KALADAGI	Present	Present	Present	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	AB	Present	Present
4	SUSHMITA.PATARIMAT	Present	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present	Present	Present	AB	Present
5	SUMANGALA.N.HIREMATH	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	AB	Present
6	ASHWINI.P.JADAV	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	AB	Present
7	ARAPITA.L.KAMALAKAR	Present	Present	Present	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	RASHMI.J.DANAGOND	Present	Present	Present	Present	Present	Present	Present	Present	AD	Present	Present	Present	Present	Present	Present	Present	Present
9	AKILA.B.KARANI	Present	Present	Present	Present	Present	Present	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present
10	RAJESHWARI.BHUYAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	RASHMI.G.DASHYAL	Present	Present	Present	AB	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	HARSHITAKUMARI.H.K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

(Continued)

Sl.no	Name of the students	3/12	9/12	10/12	16/12	19/12	23/12	24/12	30/12	31/12	1/1	4/1	6/1/20	9/1/20	13/1/20	21/1/20	27/1
1	SOUMYA.CHAVAN	Soumya	Soumya	Soumya	Soumya	AB	Soumya	Soumya	Soumya	Soumya	Soumya	Soumya	Soumya	Soumya	AB	Soumya	Soumya
2	NAGARAJ.SHIRASHYAD	Nagaraj	Nagaraj	Nagaraj	Nagaraj	AB	Nagaraj	Nagaraj	Nagaraj	Nagaraj	Nagaraj	Nagaraj	Nagaraj	Nagaraj	AB	Nagaraj	Nagaraj
3	VAIBHVA.KALADAGI	Vaibhva	Vaibhva	AB	Vaibhva	Vaibhva	Vaibhva	Vaibhva	Vaibhva	Vaibhva	Vaibhva	Vaibhva	AB	Vaibhva	Vaibhva	Vaibhva	Vaibhva
4	SUSHMITA.PATARIMAT	Sushmita	Sushmita	Sushmita	Sushmita	Sushmita	Sushmita	Sushmita	Sushmita	AB	Sushmita	Sushmita	Sushmita	Sushmita	Sushmita	AB	Sushmita
5	SUMANGALA.N.HIREMATH	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala	Sumangala
6	ASHWINI.P.JADAV	Ashwini	Ashwini	Ashwini	Ashwini	AB	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	AB	Ashwini	Ashwini	Ashwini	Ashwini
7	ARAPITA.L.KAMALAKAR	Arapita	Arapita	Arapita	Arapita	Arapita	Arapita	Arapita	Arapita	Arapita	Arapita	Arapita	AB	Arapita	Arapita	Arapita	Arapita
8	RASHMI.J.DANAGOND	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	AB	Rashmi
9	AKILA.B.KARANI	Akila	Akila	Akila	Akila	Akila	Akila	AB	Akila	Akila	Akila	Akila	Akila	Akila	Akila	Akila	Akila
10	RAJESHWARI.BHUYAR	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	AB	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari
11	RASHMI.G.DASHYAL	Rashmi	Rashmi	Rashmi	Rashmi	AB	Rashmi	Rashmi	Rashmi	AB	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi
12	HARSHITAKUMARI.H.K	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	AB	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	Harshitakumari	AB	Harshitakumari
13	UDESH.JANAWAD	Udesh	Udesh	Udesh	Udesh	Udesh	AB	Udesh	Udesh	AB	Udesh	Udesh	Udesh	Udesh	AB	Udesh	Udesh
14	VIDYA.I.AWATI	VI-A	VI-A	VI-A	AB	VI-A	VI-A	VI-A	VI-A	VI-A	VI-A	AB	VI-A	VI-A	VI-A	VI-A	VI-A
15	PRIYANKA.HADAPAD	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	AB	Priyanka	Priyanka
16	AKASHATA.NAIK	Akashata	Akashata	Akashata	Akashata	AB	Akashata	Akashata	Akashata	Akashata	Akashata	Akashata	Akashata	Akashata	Akashata	Akashata	Akashata
17	RENUKA.SIDWADKAR	Renuka	Renuka	Renuka	Renuka	Renuka	AB	Renuka	Renuka	Renuka	Renuka	AB	Renuka	Renuka	Renuka	Renuka	Renuka

(continued)

Sl.no	Name of the students	14/2	19/2	21/2	26/2	28/2	4/3	13/3
1	SOUMYA.CHAVAN	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	AB
2	NAGARAJ.SHIRASHYAD	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	AB	<i>Nagaraj</i>	<i>Nagaraj</i>
3	VAIBHVA.KALADAGI	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>
4	SUSHMITA.PATARIMAT	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	AB	<i>Sushmita</i>	<i>Sushmita</i>
5	SUMANGALA.N.HIREMATH	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	AB
6	ASHWINI.P.JADAV	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>
7	ARAPITA.L.KAMALAKAR	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	AB	<i>Arapita</i>
8	RASHMI.J.DANAGOND	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	AB
9	AKILA.B.KARANI	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>
10	RAJESHWARI.BHUYAR	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>
11	RASHMI.G.DASHYAL	<i>Rashmi</i>	AB	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>
12	HARSHITAKUMARI.H.K	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	AB	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>
13	UDES.H.JANAWAD	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	AB	<i>Udes</i>
14	VIDYA.I.AWATI	<i>Vi.A</i>	<i>Vi.A</i>	AB	<i>Vi.A</i>	<i>Vi.A</i>	<i>Vi.A</i>	AB
15	PRIYANKA.HADAPAD	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>
16	AKASHATA.NAIK	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>
17	RENUKA.SIDWADKAR	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	AB	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>

B.L.D.E.Association's

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**ADD-ON COURSE: CERTIFICATE COURSE IN SOIL AND WATER TESTING
STUDENTS ATTENDANCE REGISTER**

Certificate Course in Soil and Water Analysis

Student List(Theory paper II)2019-2020.

Sl.no	Name of the students	14/8/19	16/8/19	21/8/19	23/8/19	20/8/19	29/8/19	6/9/19	11/9/19	13/9/19	18/9/19	20/9/19	22/9/19	24/9/19	4/10/19	6/10/19	11/10/19
1	SOUMYA.CHAVAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	NAGARAJ.SHIRASHYAD	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	VAIBHVA.KALADAGI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	SUSHMITA.PATARIMAT	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	SUMANGALA.N.HIREMATH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	ASHWINI.P.JADAV	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	ARAPITA.L.KAMALAKAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	RASHMI.J.DANAGOND	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	AKILA.B.KARANI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	RAJESHWARI.BHUYAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	RASHMI.G.DASHYAL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

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Sl.no	Name of the students	13/12	18/12	20/12	25/12	27/12	31	8/1	10/1	22/1	24/1	29/1	29/1	31/1/20	5/2	7/2	12/2
1	SOUMYA.CHAVAN	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum
2	NAGARAJ.SHIRASHYAD	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag	Nag
3	VAIBHVA.KALADAGI	Vai	Vai	Vai	AB	Vai	Vai	Vai	Vai	Vai	Vai	Vai	AB	Vai	Vai	Vai	AB
4	SUSHMITA.PATARIMAT	Sush	Sush	Sush	Sush	Sush	AB	Sush	Sush	Sush	Sush	Sush	Sush	AB	Sush	Sush	Sush
5	SUMANGALA.N.HIREMATH	Suma	Suma	Suma	AB	Suma	Suma	Suma	Suma	Suma	Suma	Suma	Suma	Suma	Suma	Suma	Suma
6	ASHWINI.P.JADAV	Ashw	Ashw	Ashw	AB	Ashw	Ashw	Ashw	Ashw	Ashw	AB	Ashw	Ashw	Ashw	Ashw	Ashw	Ashw
7	ARAPITA.L.KAMALAKAR	Arp	Arp	Arp	Arp	Arp	Arp	Arp	Arp	Arp	Arp	Arp	AB	Arp	Arp	Arp	Arp
8	RASHMI.J.DANAGOND	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	AB	Rash	Rash	Rash
9	AKILA.B.KARANI	Akil	Akil	Akil	Akil	Akil	AB	Akil	Akil	Akil	Akil	Akil	Akil	AB	Akil	Akil	Akil
10	RAJESHWARI.BHUYAR	Raj	Raj	Raj	AB	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	AB	Raj
11	RASHMI.G.DASHYAL	Rash	Rash	AB	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	Rash	AB	Rash
12	HARSHITAKUMARI.H.K	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	Har	AB	Har	Har	Har
13	UDESH.JANAWAD	Ude	Ude	Ude	AB	Ude	Ude	Ude	AB	Ude	Ude	Ude	Ude	Ude	Ude	Ude	Ude
14	VIDYA.I.AWATI	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	AB	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A
15	PRIYANKA.HADAPAD	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	AB	Priya	Priya	Priya
16	AKASHATA.NAIK	Akash	Akash	Akash	Akash	Akash	Akash	Akash	AB	Akash	Akash	Akash	Akash	Akash	AB	Akash	Akash
17	RENUKA.SIDWADKAR	Renu	Renu	Renu	Renu	Renu	AB	Renu	AB	Renu	Renu	Renu	Renu	Renu	Renu	Renu	Renu

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Sl.no	Name of the students	28/1	3/2	4/2	10/2	11/2	17/2	21/2	24/2	25/2	2/3	3/3
1	SOUMYA.CHAVAN	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>AB</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>
2	NAGARAJ.SHIRASHYAD	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>AB</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>	<i>Nagaraj</i>
3	VAIBHVA.KALADAGI	<i>Vaibhva</i>	<i>AB</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>	<i>Vaibhva</i>
4	SUSHMITA.PATARIMAT	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>AB</i>	<i>Sushmita</i>	<i>Sushmita</i>	<i>Sushmita</i>
5	SUMANGALA.N.HIREMATH	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>AB</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>	<i>Sumangala</i>
6	ASHWINI.P.JADAV	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>AB</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>
7	ARAPITA.L.KAMALAKAR	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>Arapita</i>	<i>AB</i>
8	RASHMI.J.DANAGOND	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>AB</i>	<i>Rashmi</i>
9	AKILA.B.KARANI	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>AB</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>	<i>Akila</i>
10	RAJESHWARI.BHUYAR	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>	<i>Rajeshwari</i>
11	RASHMI.G.DASHYAL	<i>Rashmi</i>	<i>AB</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>AB</i>	<i>Rashmi</i>	<i>Rashmi</i>	<i>Rashmi</i>
12	HARSHITAKUMARI.H.K	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>	<i>Harshitakumari</i>
13	UDES.H.JANAWAD	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>Udes</i>	<i>AB</i>	<i>Udes</i>	<i>AB</i>
14	VIDYA.I.AWATI	<i>V.I.A</i>	<i>V.I.A</i>	<i>V.I.A</i>	<i>V.I.A</i>	<i>AB</i>	<i>V.I.A</i>	<i>V.I.A</i>	<i>V.I.A</i>	<i>V.I.A</i>	<i>V.I.A</i>	<i>V.I.A</i>
15	PRIYANKA.HADAPAD	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>AB</i>	<i>Priyanka</i>	<i>Priyanka</i>
16	AKASHATA.NAIK	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>AB</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>	<i>Akashata</i>
17	RENUKA.SIDWADKAR	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	<i>AB</i>	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>

B.L.D.E.Association's

S.B.Arts and K.C.P.Science College ,Bijapur(Karnataka)

ADD-ON COURSE: CERTIFICATE COURSE IN SOIL AND WATER TESTING STUDENTS PRACTICAL
ATTENDANCE REGISTER

Student list (2019-20)

Sl.no	Name of the students	18/8	25/8	1/9	8/9	15/9	22/9	29/9	6/10	13/10	20/10	27/10	3/11	10/11	17/11	24/11	1/12	8/12	15/12	22/12	29/12	5/1	12/1	19/1	26/1	2/2	9/2	16/2	23/2	1/3	8/3	15/3	22/3	29/3	5/4	12/4	19/4	26/4	3/5	10/5	17/5	24/5	31/5	6/6	13/6	20/6	27/6	4/7	11/7	18/7	25/7	1/8	8/8	15/8	22/8	29/8	5/9	12/9	19/9	26/9	3/10	10/10	17/10	24/10	31/10	7/11	14/11	21/11	28/11	5/12	12/12	19/12	26/12	2/1	9/1	16/1	23/1	30/1	6/2	13/2	20/2	27/2	5/3	12/3	19/3	26/3	2/4	9/4	16/4	23/4	30/4	6/5	13/5	20/5	27/5	3/6	10/6	17/6	24/6	1/7	8/7	15/7	22/7	29/7	5/8	12/8	19/8	26/8	2/9	9/9	16/9	23/9	30/9	6/10	13/10	20/10	27/10	3/11	10/11	17/11	24/11	1/12	8/12	15/12	22/12	29/12	5/1	12/1	19/1	26/1	2/2	9/2	16/2	23/2	30/2	6/3	13/3	20/3	27/3	3/4	10/4	17/4	24/4	1/5	8/5	15/5	22/5	29/5	5/6	12/6	19/6	26/6	2/7	9/7	16/7	23/7	30/7	6/8	13/8	20/8	27/8	3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	29/10	5/11	12/11	19/11	26/11	2/12	9/12	16/12	23/12	30/12	6/1	13/1	20/1	27/1	3/2	10/2	17/2	24/2	1/3	8/3	15/3	22/3	29/3	5/4	12/4	19/4	26/4	2/5	9/5	16/5	23/5	30/5	6/6	13/6	20/6	27/6	3/7	10/7	17/7	24/7	1/8	8/8	15/8	22/8	29/8	5/9	12/9	19/9	26/9	2/10	9/10	16/10	23/10	30/10	6/11	13/11	20/11	27/11	3/12	10/12	17/12	24/12	1/1	8/1	15/1	22/1	29/1	5/2	12/2	19/2	26/2	2/3	9/3	16/3	23/3	30/3	6/4	13/4	20/4	27/4	3/5	10/5	17/5	24/5	1/6	8/6	15/6	22/6	29/6	5/7	12/7	19/7	26/7	2/8	9/8	16/8	23/8	30/8	6/9	13/9	20/9	27/9	3/10	10/10	17/10	24/10	1/11	8/11	15/11	22/11	29/11	5/12	12/12	19/12	26/12	2/1	9/1	16/1	23/1	30/1	6/2	13/2	20/2	27/2	3/3	10/3	17/3	24/3	1/4	8/4	15/4	22/4	29/4	5/5	12/5	19/5	26/5	2/6	9/6	16/6	23/6	30/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	1/9	8/9	15/9	22/9	29/9	5/10	12/10	19/10	26/10	2/11	9/11	16/11	23/11	30/11	6/12	13/12	20/12	27/12	3/1	10/1	17/1	24/1	1/2	8/2	15/2	22/2	29/2	5/3	12/3	19/3	26/3	2/4	9/4	16/4	23/4	30/4	6/5	13/5	20/5	27/5	3/6	10/6	17/6	24/6	1/7	8/7	15/7	22/7	29/7	5/8	12/8	19/8	26/8	2/9	9/9	16/9	23/9	30/9	6/10	13/10	20/10	27/10	3/11	10/11	17/11	24/11	1/12	8/12	15/12	22/12	29/12	5/1	12/1	19/1	26/1	2/2	9/2	16/2	23/2	30/2	6/3	13/3	20/3	27/3	3/4	10/4	17/4	24/4	1/5	8/5	15/5	22/5	29/5	5/6	12/6	19/6	26/6	2/7	9/7	16/7	23/7	30/7	6/8	13/8	20/8	27/8	3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	29/10	5/11	12/11	19/11	26/11	2/12	9/12	16/12	23/12	30/12	6/1	13/1	20/1	27/1	3/2	10/2	17/2	24/2	1/3	8/3	15/3	22/3	29/3	5/4	12/4	19/4	26/4	2/5	9/5	16/5	23/5	30/5	6/6	13/6	20/6	27/6	3/7	10/7	17/7	24/7	1/8	8/8	15/8	22/8	29/8	5/9	12/9	19/9	26/9	2/10	9/10	16/10	23/10	30/10	6/11	13/11	20/11	27/11	3/12	10/12	17/12	24/12	1/1	8/1	15/1	22/1	29/1	5/2	12/2	19/2	26/2	2/3	9/3	16/3	23/3	30/3	6/4	13/4	20/4	27/4	3/5	10/5	17/5	24/5	1/6	8/6	15/6	22/6	29/6	5/7	12/7	19/7	26/7	2/8	9/8	16/8	23/8	30/8	6/9	13/9	20/9	27/9	3/10	10/10	17/10	24/10	1/11	8/11	15/11	22/11	29/11	5/12	12/12	19/12	26/12	2/1	9/1	16/1	23/1	30/1	6/2	13/2	20/2	27/2	3/3	10/3	17/3	24/3	1/4	8/4	15/4	22/4	29/4	5/5	12/5	19/5	26/5	2/6	9/6	16/6	23/6	30/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	1/9	8/9	15/9	22/9	29/9	5/10	12/10	19/10	26/10	2/11	9/11	16/11	23/11	30/11	6/12	13/12	20/12	27/12	3/1	10/1	17/1	24/1	1/2	8/2	15/2	22/2	29/2	5/3	12/3	19/3	26/3	2/4	9/4	16/4	23/4	30/4	6/5	13/5	20/5	27/5	3/6	10/6	17/6	24/6	1/7	8/7	15/7	22/7	29/7	5/8	12/8	19/8	26/8	2/9	9/9	16/9	23/9	30/9	6/10	13/10	20/10	27/10	3/11	10/11	17/11	24/11	1/12	8/12	15/12	22/12	29/12	5/1	12/1	19/1	26/1	2/2	9/2	16/2	23/2	30/2	6/3	13/3	20/3	27/3	3/4	10/4	17/4	24/4	1/5	8/5	15/5	22/5	29/5	5/6	12/6	19/6	26/6	2/7	9/7	16/7	23/7	30/7	6/8	13/8	20/8	27/8	3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	29/10	5/11	12/11	19/11	26/11	2/12	9/12	16/12	23/12	30/12	6/1	13/1	20/1	27/1	3/2	10/2	17/2	24/2	1/3	8/3	15/3	22/3	29/3	5/4	12/4	19/4	26/4	2/5	9/5	16/5	23/5	30/5	6/6	13/6	20/6	27/6	3/7	10/7	17/7	24/7	1/8	8/8	15/8	22/8	29/8	5/9	12/9	19/9	26/9	2/10	9/10	16/10	23/10	30/10	6/11	13/11	20/11	27/11	3/12	10/12	17/12	24/12	1/1	8/1	15/1	22/1	29/1	5/2	12/2	19/2	26/2	2/3	9/3	16/3	23/3	30/3	6/4	13/4	20/4	27/4	3/5	10/5	17/5	24/5	1/6	8/6	15/6	22/6	29/6	5/7	12/7	19/7	26/7	2/8	9/8	16/8	23/8	30/8	6/9	13/9	20/9	27/9	3/10	10/10	17/10	24/10	1/11	8/11	15/11	22/11	29/11	5/12	12/12	19/12	26/12	2/1	9/1	16/1	23/1	30/1	6/2	13/2	20/2	27/2	3/3	10/3	17/3	24/3	1/4	8/4	15/4	22/4	29/4	5/5	12/5	19/5	26/5	2/6	9/6	16/6	23/6	30/6	6/7	13/7	20/7	27/7	3/8	10/8	17/8	24/8	1/9	8/9	15/9	22/9	29/9	5/10	12/10	19/10	26/10	2/11	9/11	16/11	23/11	30/11	6/12	13/12	20/12	27/12	3/1	10/1	17/1	24/1	1/2	8/2	15/2	22/2	29/2	5/3	12/3	19/3	26/3	2/4	9/4	16/4	23/4	30/4	6/5	13/5	20/5	27/5	3/6	10/6	17/6	24/6	1/7	8/7	15/7	22/7	29/7	5/8	12/8	19/8	26/8	2/9	9/9	16/9	23/9	30/9	6/10	13/10	20/10	27/10	3/11	10/11	17/11	24/11	1/12	8/12	15/12	22/12	29/12	5/1	12/1	19/1	26/1	2/2	9/2	16/2	23/2	30/2	6/3	13/3	20/3	27/3	3/4	10/4	17/4	24/4	1/5	8/5	15/5	22/5	29/5	5/6	12/6	19/6	26/6	2/7	9/7	16/7	23/7	30/7	6/8	13/8	20/8	27/8	3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	29/10	5/11	12/11	19/11	26/11	2/12	9/12	16/12	23/12	30/12	6/1	13/1	20/1	27/1	3/2	10/2	17/2	24/2	1/3	8/3	15/3	22/3	29/3	5/4	12/4	19/4	26/4	2/5	9/5	16/5	23/5	30/5	6/6	13/6	20/6	27/6	3/7	10/7	17/7	24/7	1/8	8/8	15/8	22/8	29/8	5/9	12/9	19/9	26/9	2/10	9/10	16/1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14	VIDYA.I.AWATI	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	AB	V.I.A	V.I.A	AB	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A	V.I.A
15	PRIYANKA.HADAPAD	Priy	Priy	Priy	Priy	Priy	Priy	AB	Priy	Priy	Priy	Priy	Priy	Priy	Priy	Priy	Priy
16	AKASHATA.NAIK	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	AB	Akash	Akash	AB	Akash	Akash	Akash	Akash
17	RENUKA.SIDWADKAR	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka	AB	Renuka	Renuka	Renuka	Renuka
18	LAXMI.KUMBAR	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi	Laxmi
19	VISHAL.RATHOD	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	AB	Vishal	Vishal	AB	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal
20	ABILASHA.MUNJATTI	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	Abilasha	AB	Abilasha	Abilasha	Abilasha	Abilasha
21	SANJAYANI.SONNAGI	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani	Sanjayani
22	VIJAYALAXMI.BIRADAR	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	AB	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi	Vijayalaxmi
23	SWETA.ADALLI	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta
24	KARTIK.PATIL	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	Kartik	AB
25	VANITA.H.RATHOD	Vanita	Vanita	Vanita	Vanita	Vanita	Vanita	AB	Vanita	Vanita	Vanita	Vanita	Vanita	AB	Vanita	Vanita	Vanita
26	PRIYANKA.UPPAR	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
27	SHRUTI.NANI	Shruti	Shruti	AB	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	AB	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
28	GEETA.VAIDYA	Geeta	AB	Geeta	Geeta	Geeta	Geeta	Geeta	AB	Geeta	Geeta	Geeta	Geeta	Geeta	Geeta	Geeta	Geeta
29	MAHANTESH.YALAJERI	Mahantesh	Mahantesh	Mahantesh	Mahantesh	Mahantesh	Mahantesh	AB	Mahantesh	Mahantesh	Mahantesh	AB	Mahantesh	Mahantesh	Mahantesh	AB	Mahantesh
30	TEJASWINI.HITNALLI	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	AB	Tejaswini	Tejaswini	Tejaswini



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Department of Chemistry

NOTE :

Due to Covid-19 Pandamic the students
are promoted.



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S. B ARTS AND K. C. P SCIENCE COLLEGE

DEPARTMENT OF CHEMISTRY

Certificate course in water and soil testing Theory(Paper –I)
Examination 2019-2020

Time:3hours

max: 50

Answer any ten of the following questions

5 X10=50

- 1) Explain volumetric analysis and its types?
- 2) Write a note on treatment and disposal of industrial waste water.
- 3) Write a note on water quality test management.
- 4) How will you reuse municipal and sewage water .
- 5) Explain different modes of water management ?
- 6) Discuss briefly the use and conservation of water resources
- 7) Write a note on purification of water.
- 8) Write a note on COD effluents.
- 9) What is Agentometric Titration? Explain Prevention of scales in boilers.
- 10) Write the characteristics of industrial water .
- 11) What is redox titration? Explain EDTA titration .
- 12) Explain briefly the nature of industrial waste water treatment.

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DEPARTMENT OF CHEMISTRY

Certificate course in water and soil testing Theory(Paper –II)

Examination 2019-2020:

Time:3hours

max: 50

Answer any ten of the following questions

5 X10=50

- 1) Discuss the physical properties of soil and explain the term soil colloids .
- 2) Explain and discuss soil reaction and plant growth?
- 3) Discuss and explain what is soil clays.
- 4) Explain in detail the soil sampling and preparation of soil sample?
- 5) Explain the effect of organic and inorganic pollutants on soil?
- 6) Explain soil collides , soil clays in detail?
- 7) What are the parameters used for soil analysis?
- 8) Explain how do you determine the organic carbon and nitrogen?
- 9) Explain briefly the fractionation of soil organic matter and humus ?
- 10) What is the effect of direct discharge of industrial effluent to soil?
- 11) What is soil mineralogy, soil classification ?
- 12) Explain the classification of soil?



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BLDEA's
S.B.Arts and K.C.P.Science College Vijayapur
Dept of Chemistry
Marks list of students 2019-20
Certificate Course in Soil and Water Analysis

MAX. MARKS : 150

Sl. No	Name of the Student	Theory I (50)		Practical I (50)		Field/ Project work (50)	Marks Obtained
		40	I.A (10)	40	I.A (10)		
1.	SOUMYA.CHAVAN	38	9	35	6	48	136
2.	NAGARAJ.SHIRASHYAD	27	7	26	7	47	114
3.	VAIBHVA.KALADAGI	24	8	28	8	49	117
4.	SUSHMITA.PATARIMAT	40	9	29	5	50	133
5.	SUMANGALA.N.HIREMATH	15	4	23	7	45	94
6.	ASHWINI.P.JADAV	16	6	24	8	50	104
7.	ARAPITA.L.KAMALAKAR	28	5	29	9	49	120
8.	RASHMI.J.DANAGOND	29	6	30	6	47	118
9.	AKILA.B.KARANI	23	7	32	4	48	114
10.	RAJESHWARI.BHUYAR	24	8	25	5	49	111
11.	RASHMI.G.DASHYAL	29	9	15	5	48	106
12.	HARSHITAKUMARI.H.K	30	7	16	6	38	97
13.	UDESH.JANAWAD	32	4	28	7	47	118
14.	VIDYA.I.AWATI	25	5	38	8	48	124
15.	PRIYANKA.HADAPAD	31	6	39	8	48	132
16.	AKASHATA.NAIK	38	7	37	8	50	140
17.	RENUKA.SIDWADKAR	39	7	33	6	50	135
18.	LAXMI.KUMBAR	37	7	32	6	48	130

19.	VISHAL.RATHOD	33	6	20	9	47	115
20.	ABILASHA.MUNJATTI	32	8	22	10	48	120
21.	SANJAYANI.SONNAGI	20	9	21	5	48	95
22.	VIJAYALAXMI.BIRADAR	22	5	39	7	49	122
23.	SWETA.ADALLI	21	7	38	8	44	118
24.	KARTIK.PATIL	39	8	24	9	45	125
25.	VANITA.H.RATHOD	38	9	26	6	45	124
26.	PRIYANKA.UPPAR	24	6	38	4	47	119
27.	SHRUTI.NANI	26	4	24	5	48	107
28.	GEETA.VAIDYA	38	5	26	6	49	124
29.	MAHANTESH.YALAJERI	24	5	39	7	50	125
30.	TEJASWINI.HITNALLI	26	6	38	8	46	124



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COP-Report

Career orientated programme (add on course) the certificate course in soil and water testing conducted by the Department of Chemistry, during the academic year 2019-20 .The main objective of this certificate course is to provide complete knowledge about water and soil testing.

The students are taken to the villages for the study of different water and soil samples. The water test helps the students understand quality and edible water supplied by municipality, borewell, ponds and other water sources. The various parameters after testing water sample a clear report is given by the students which is more useful for the people to understand the quality and other contaminates present in the given testing water sample. It also provide useful information for the farmers.

And the soil testing result and report provides a complete information about the other soil parameters . Water and soil testing allows to establish complete safeline values ultimately increase the knowledge of understanding specific issues of different water bodies.

Note: Due to pandemic, the exams were not conducted. As per the UGC guidelines certificate will be provided to the students.



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DEPARTMENT OF CHEMISTRY

CAREER ORIENTED PROGRAMME (Add on Course)

Certificate

This is to certify that Shri/ Smt Soumya Chavan
has successfully completed Certificate Course in Soil and Water Testing
Conducted by Department of Chemistry, BLDEA's S B Arts and K C P Science College,
Vijayapur during year 2019 -2020


Principal,
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Coordinator/HOD


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DEPARTMENT OF CHEMISTRY

CAREER ORIENTED PROGRAMME (Add on Course)

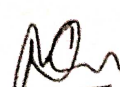
Certificate


This is to certify that Shri/ Smt Nagaraj. Shirashyd.
has successfully completed Certificate Course in **Soil and Water Testing**
Conducted by Department of Chemistry, BLDEA's S B Arts and K C P Science College,
Vijayapur during year 2019 -2020


Principal,

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Date: 10/9/2020


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DEPARTMENT OF CHEMISTRY

CAREER ORIENTED PROGRAMME (Add on Course)

Certificate

This is to certify that Shri/ Smt Valbhav. Kaladagi.
has successfully completed Certificate Course in **Soil and Water Testing**
Conducted by Department of Chemistry, BLDEA's S B Arts and K C P Science College,
Vijayapur during year 2019 -2020


Principal,

Date: 10 / 9 / 2020 S.B.Arts & K.C.P. Science College, **VIJAYAPUR.**



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CAREER ORIENTED PROGRAMME (Add on Course)

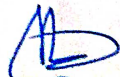
Certificate

This is to certify that Shri/ Smt Sushmita Patimath
has successfully completed Certificate Course in **Soil and Water Testing**
Conducted by Department of Chemistry, BLDEA's S B Arts and K C P Science College,
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Date: 10/9/2020 S.B.Arts & K.C.P. Science College, VIJAYAPUR. Coordinator/HOD




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DEPARTMENT OF CHEMISTRY

CAREER ORIENTED PROGRAMME (Add on Course)

Certificate

This is to certify that Shri/ smt Sumangala. N. Hiremath.
has successfully completed Certificate Course in **Soil and Water Testing**
Conducted by Department of Chemistry, BLDEA's S B Arts and K C P Science College,
Vijayapur during year 2019 -2020

Date: 10/9/2020
Principal,
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