

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*

2015-16

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

Dept of Chemistry

NOTICE

Date : 12/07/2015

All the students of Chemistry 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 20/07/2015

**Head**

Dept. of Chemistry  
SB Arts & KCP Sc. College,  
Vijayapur.

**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College  
Vijayapur.

**Principal,**  
S.B.Arts and KCP.Science College  
VIJAYAPUR

*B.L.D.E. Association's*

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

## *Department of Chemistry*

### **NOTICE**

**Date: 09/08/2015**

It is here by informed Chemistry students  
who registered the COP course to attend the  
classes on 16/08/2015 at 12.00pm.



**Head**  
Dept. of Chemistry  
SB Arts & KCP Sc. College,  
Vijayapur.



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S.B.Arts & K.C.P.Science College,  
Vijayapur.



**Principal,**  
S.B. Arts and KCP Science College  
VIJAYAPUR



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 3<sup>rd</sup> Cycle by NAAC

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

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



**"WATER AND SOIL TESTING"**

**CARRIER ORIENTED PROGRAMME (C.O.P)**

**DEPARTMENT OF CHEMISTRY**

**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

**Head**  
**Dept. of Chemistry**  
**SB Arts & KCP Sc. College**  
**Vijayapur.**

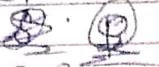
**Co-ordinator**  
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**Vijayapur.**

**Principal**  
**S.B.Arts & K.C.P. Science College,**  
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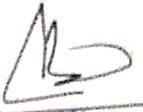
List of admitted Students to COP Course for the academic year 2015-16

SI No	Name of the Student	Signature of the students
1.	Bhagyashree .D.Gavimath	13. D. G
2.	Chidanand.Pujari	(P)
3.	Chidanand.Hiremath	(C)
4.	Raju .Pawar	R
5.	Bhagyashree.Mali	(B)
6.	Laxmi.Bellundagi	Lax
7.	Vanishree.Gujjannavar	VG
8.	Savitri.Biradar	SB
9.	Roopa.Revatgaon	RB
10.	Shweta.Bommashetty	S
11.	Aishwarya.Kalamani	AS
12.	Vidyashree.Aravatti	V.A
13.	Sweta.Anantapur	Sweta
14.	Kavita.Goragundagi	K
15.	Gurudevi.Naruni	Gurudevi
16.	Prema.Bajantri	PBP
17.	Shankarling.Muchandi	Shm
18.	Shruti.Patil	SP
19.	Abishek.Metri	AB
20.	Bhagyashree.Chakki	B
21.	Priyanka.Alagur	SPB Pesta
22.	Sharada.Bilur	SB
23.	Spoorthi.Hirekurubar	SPR
24.	Parvati.Nimbaragi	PN
25.	Naveenkumar.K	N
26.	Anjana.Bidari	AJ

Continued .

27.	Sweta.Shapeti	S.Shapeti
28.	Shivananda.Putagi	
29.	Pramod.Pundipalli	 P.P
30.	Deepa.Patil	Deepa

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

**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)2015-2016.**

Sl.no	Name of the students	Aug	15	19	6	14	20	6	17	3	7	8	3	10	7	15	7	17	7	22	7	24	7	29	7	31	7	5	8	7	9	8	7	15	
1	Bhagyashree .D.Gavimath	PDQ																																	
2	Chidanand.Pujari	(P)	(P)																																
3	Chidanand.Hiremath	(ch)	(ch)																																
4	Raju .Pawar	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
5	Bhagyashree.Mali	BM	BM																																
6	Laxmi.Bellundagi	Loh	Loh																																
7	Vanishree.Guijannavar	Vg	Vg																																
8	Savitri.Biradar	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	Ab
9	Roopa.Revatgaon	Rs	Rs																																
10	Shweta.Bommashetty	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
11	Aishwarya.Kalamani	AB	AB																																
12	Vidyashree.Aravatti	VA	VA	VA																															
13	Sweta.Anantapur	Sweta																																	
14	Kavita.Goragundagi	(K)	(K)																																
15	Gurudevi.Naruni	Gu	Gu																																
16	Prema.Bajantri	PB	PB																																
17	Shankarling.Muchandi	Shm																																	
18	Shruti.Patil	Sp	Sp	Sp																															

(continued)

19	Abishek.Metri	AB																
20	Bhagyashree.Chakki	B	B	PB	B	P	B	B	B	B	PB	C	B	B	B	R	P	P
21	Priyanka.Alagur	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Sharada.Bilur	SB																
23	Spoorthi.Hirekurubar	Sh	In	In	In	Sh	Sh	Sh	Sh									
24	Parvati.Nimbaragi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	Naveenkumar.K	SL	PB	N	N	N	N	N	N	N	N	N	N	N	PB	N	P	N
26	Anjana.Bidari	AJ	AJ	HJ	AJ	HJ	AJ	HJ	AJ	HJ	AJ							
27	Sweta.Shapeti	Sweta																
28	Shivananda.Putagi	\$	\$	B	\$	\$	PB	\$	\$	\$	\$	\$	\$	\$	PB	\$	\$	PB
29	Pramod.Pundipalli	P.P	P.P.															
30	Deepa.Patil	Deepa																

Head

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Sl.no	Name of the students	1/10	1/12	1/13	1/18	2/18	2/20	2/19	3/19	3/21	5/19	6/19	6/17	7/19	10/19	10/13	10/15	10/23	11/19	12/19	12/25	12/30	12/12
1	Bhagyashree .D.Gavimath	CP	CP	CP	CP	CP	CP	CP	CP	BP													
2	Chidanand.Pujari	CP	CP	CP	CP	CP	CP	CP	CP	CP													
3	Chidanand.Hiremath	CP	CP	CP	CP	CP	CP	CP	CP	CP													
4	Raju .Pawar	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg													
5	Bhagyashree.Mali	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg	Pg													
6	Laxmi.Bellundagi	Lw	Lw	Lw	Lw	Lw	Lw	Lw	Lw	Lw													
7	Vanishree.Gujjannavar	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg													
8	Savitri.Biradar	SD	SD	SD	SD	SD	SD	SD	SD	SD													
9	Roopa.Revatgaon	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr	Pr													
10	Shweta.Bommashetty	C	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
11	Aishwarya.Kalamani	PB	PB	PB	PB	PB	PB	PB	PB	PB													
12	Vidyashree.Aravatti	VA	VA	VA	VA	VA	VA	VA	VA	VA													
13	Sweta.Anantapur	cut	cut	cut	cut	cut	cut	cut	cut	cut													
14	Kavita.Goragundagi	GD	GD	GD	GD	GD	GD	GD	GD	GD													
15	Gurudevi.Naruni	GD	GD	GD	GD	GD	GD	GD	GD	GD													
16	Prema.Bajantri	Psi	Psi	Psi	Psi	Psi	Psi	Psi	Psi	Psi													
17	Shankarling.Muchandi	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm													
18	Shruti.Patil	SP	SP	SP	SP	SP	SP	SP	SP	SP													
19	Abishek.Metri	AB	AB	AB	AB	AB	AB	AB	AB	AB													
20	Bhagyashree.Chakki	CB	CB	CB	CB	CB	CB	CB	CB	CB													
21	Priyanka.Alagur	SB	SB	SB	SB	SB	SB	SB	SB	SB													
22	Sharada.Bilur	SB	SB	SB	SB	SB	SB	SB	SB	SB													
23	Spoorthi.Hirekurubar	Si	Si	Si	Si	Si	Si	Si	Si	Si													
24	Parvati.Nimbaragi	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa													
25	Naveenkumar.K	PD	PD	PD	PD	PD	PD	PD	PD	PD													
26	Anjana.Bidari	AB	AB	AB	AB	AB	AB	AB	AB	AB													
27	Sweta.Shapeti	SP	SP	SP	SP	SP	SP	SP	SP	SP													
28	Shivananda.Putagi	FB	FB	FB	FB	FB	FB	FB	FB	FB													

(Continued)

29	Pramod.Pundipalli	PP												
30	Deepa.Patil	PP												

  
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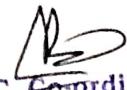
  
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Sl.no	Name of the students	9/1/16	S	13/1/16	2011	22/1	23/1	23/1	31/1/16	31/1/16	31/1/16	31/1/16	31/1/16	31/1/16	31/1/16	31/1/16
1	Bhagyashree .D.Gavimath	(20)	Ab	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)
2	Chidanand.Pujari	(8)	(10)	(P)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
3	Chidanand.Hiremath	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi
4	Raju .Pawar	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
5	Bhagyashree.Mali	Br	Ab	Br	Br	Br	Br	Br	Br	Br	Br	Br	Br	Br	Br	Br
6	Laxmi.Bellundagi	(10)	lab	lab	lab	lab	lab	lab	lab	lab	lab	lab	lab	lab	lab	lab
7	Vanishree.Gujjannavar	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg
8	Savitri.Biradar	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
9	Roopa.Revatgaon	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi	Bi
10	Shweta.Bommashetty	S	S	D	S	D	Ab	S	S	Ab	D	S	D	S	D	S
11	Aishwarya.Kalamani	A	A	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
12	Vidyashree.Aravatti	va	va	va	va	va	va	va	va	va	va	va	va	va	va	va
13	Sweta.Anantapur	S	Ab	S	S	S	S	S	S	S	S	S	S	S	S	S
14	Kavita.Goragundagi	R	b	ls	ls	ls	ls	ls	ls	ls	ls	ls	ls	ls	ls	ls
15	Gurudevi.Naruni	gu	gu	gu	gu	gu	gu	gu	gu	gu	gu	gu	gu	gu	gu	gu
16	Prema.Bajantri	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB
17	Shankarling.Muchandi	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm
18	Shruti.Patil	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp
19	Abishek.Metri	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
20	Bhagyashree.Chakki	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
21	Priyanka.Alagur	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn	Pn
22	Sharada.Bilur	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
23	Spoorthi.Hirekurubar	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph	Sph
24	Parvati.Nimbaragi	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau	Pau
25	Naveenkumar.K	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
26	Anjana.Bidari	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj

(continued)

27	Sweta.Shapeti	<i>Pb</i>	Sweta										
28	Shivananda.Putagi	<i>\$</i>											
29	Pramod.Pundipalli	<i>PP</i>											
30	Deepa.Patil	<i>Deepa</i>											

  
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**Principal,**  
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VIJAYAPUR

Sl.no	Name of the students	Handwriting Analysis
1	Bhagyashree .D.Gavimath	Ab
2	Chidanand.Pujari	C C C C C C
3	Chidanand.Hiremath	Ch Ch Ch Ch Ch Ch
4	Raju .Pawar	R R R R R R
5	Bhagyashree.Mali	B B B B B B
6	Laxmi.Bellundagi	Lob Lob Lob Lob Lob
7	Vanishree.Guijannavar	Vg Vg Vg Vg Vg Vg Vg Vg
8	Savitri.Biradar	Sb Sb Sb Sb Sb Sb Sb Sb
9	Roopa.Revatgaon	R R R R R R R R R R
10	Shweta.Bommashetty	T T T T T T T T T T
11	Aishwarya.Kalamani	A A A A A A A A A A
12	Vidyashree.Aravatti	Vn Vn Vn Vn Vn Vn Vn Vn
13	Sweta.Anantapur	Su Su Su Su Su Su Su Su
14	Kavita.Goragundagi	K K K K K K K K K K
15	Gurudevi.Naruni	G G G G G G G G G G
16	Prema.Bajantri	Pb Pb Pb Pb Pb Pb Pb Pb
17	Shankarling.Muchandi	Sh Sh Sh Sh Sh Sh Sh Sh
18	Shruti.Patil	S P S P S P S P S P
19	Abishek.Metri	A D A D A D A D A D
20	Bhagyashree.Chakki	B B B B B B B B B B
21	Priyanka.Alagur	P P P P P P P P P P
22	Sharada.Bilur	S B S B S B S B S B
23	Spoorthi.Hirekurubar	S I C S I C S I C S I C
24	Parvati.Nimbaragi	Pu A P I I I I I I I I
25	Naveenkumar.K	N N N N N N N N N N
26	Anjana.Bidari	A; A; A; A; A; A; A;
27	Sweta.Shapeti	M g u s e r p e c t i o n
28	Shivananda.Putagi	S S P P A B S P S P S P
29	Pramod.Pundipalli	P P P P P P P P P P P

(continued)

30

Deepa.Patil

AB



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

**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)2015-2016.*

Sl.no	Name of the students	1/6/16	16/6/16	22/6/16	29/6/16	30/6/16	6/7/16	13/7/16	20/7/16	27/7/16	1/8/16	8/8/16	15/8/16	22/8/16	29/8/16	5/9/16	12/9/16	19/9/16	26/9/16	3/10/16	10/10/16
1	Bhagyashree .D.Gavimath	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
2	Chidanand.Pujari	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
3	Chidanand.Hiremath	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi	chi
4	Raju .Pawar	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
5	Bhagyashree.Mali	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog
6	Laxmi.Bellundagi	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab
7	Vanishree.Gujjannavar	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg
8	Savitri.Biradar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	Roopa.Revatgaon	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz
10	Shweta.Bommashetty	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS
11	Aishwarya.Kalamani	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
12	Vidyashree.Aravatti	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA
13	Sweta.Anantapur	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta	sweta
14	Kavita.Goragundagi	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK
15	Gurudevi.Naruni	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti	Pti
16	Prema.Bajantri	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi	Pbi
17	Shankarling.Muchandi	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm

(continued)

18	Shruti.Patil	AB SP SP AB SP P
19	Abishek.Metri	AB
20	Bhagyashree.Chakki	AB
21	Priyanka.Alagur	AB
22	Sharada.Bilur	AB
23	Spoorthi.Hirekurubar	SB SB AB AB SB
24	Parvati.Nimbaragi	SP
25	Naveenkumar.K	AB
26	Anjana.Bidari	AB
27	Sweta.Shapeti	AB
28	Shivananda.Putagi	AB
29	Pramod.Pundipalli	AB
30	Deepa.Patil	AB

Head

Dept. of Chemistry  
SB Arts & KCP Sc. College,  
Vijayapur.

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,  
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Principal,

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VIJAYAPUR

Sl.no	Name of the students	10/8/15	11/8/15	12/8/15	13/8/15	24/8/15	25/8/15	3/9/15	4/9/15	5/9/15	6/9/15	7/9/15	8/9/15	9/9/15	10/9/15	11/9/15	12/9/15	13/9/15	14/9/15	15/9/15	16/9/15	17/9/15	18/9/15	19/9/15	20/9/15	21/9/15	22/9/15	23/9/15	24/9/15	25/9/15
1	Bhagyashree .D.Gavimath	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
2	Chidanand.Pujari	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	(CP)	
3	Chidanand.Hiremath	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	
4	Raju .Pawar	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
5	Bhagyashree.Mali	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	Bog	
6	Laxmi.Bellundagi	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	Lob	
7	Vanishree.Gujjannavar	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	
8	Savitri.Biradar	\$a	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	\$o	
9	Roopa.Revatgaon	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	
10	Shweta.Bommashetty	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	AB
11	Aishwarya.Kalamani	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
12	Vidyashree.Aravatti	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA	
13	Sweta.Anantapur	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	sw	AB	
14	Kavita.Goragundagi	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
15	Gurudevi.Naruni	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu	geu		
16	Prema.Bajantri	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	PBi	
17	Shankarling.Muchandi	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm		
18	Shruti.Patil	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	AB	
19	Abishek.Metri	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
20	Bhagyashree.Chakki	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	AB	
21	Priyanka.Alagur	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	pri	AB	
22	Sharada.Bilur	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	AB	
23	Spoorthi.Hirekurubar	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	AB	
24	Parvati.Nimbaragi	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	
25	Naveenkumar.K	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	AB

(continued)

28	Shivananda.Putagi	B S P \$ \$ P P P P P P P P P P P P P P P P P P Hb
29	Pramod.Pundipalli	P Hb
30	Deepa.Patil	Dab Dap Daf Daf Daf Daf Dab

*AB*  
Head  
Dept. of Chemistry  
S.B.Arts & KCP Sc. College,  
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*AB*  
IQAECo-ordinator  
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*G5*  
Principal,  
S.B.Arts and KCP Science College  
VIJAYAPUR

Sl.no	Name of the students	2/1/12	2/2	2/8	2/12	2/29	4/11	5/1/13	5/11	12/1/13	13/1/13	14/1/13	15/1/13	25/1/13	2/2/13	1/2	2/2/13	2/2/13	9/2/13
1	Bhagyashree .D.Gavimath	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
2	Chidanand.Pujari	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)
3	Chidanand.Hiremath	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi	Chi
4	Raju .Pawar	B	R	Ab	R	R	B	B	B	B	B	B	B	B	B	B	B	B	B
5	Bhagyashree.Mali	B	B	B	C	B	B	B	B	B	B	B	B	B	B	B	B	B	B
6	Laxmi.Bellundagi	La	La	La	La	La	La	La	La	La	La	La	La	La	La	La	La	La	La
7	Vanishree.Gujjannavar	Vg	Vg	Vg	Vg	Vg	Vg	Pb	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg
8	Savitri.Biradar	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
9	Roopa.Revatgaon	Bz	B	Bz	Bz	Bz	Pb	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Bz
10	Shweta.Bommashetty	S	S	S	S	S	Ab	S	S	S	S	S	S	S	S	S	S	S	S
11	Aishwarya.Kalamani	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As	As
12	Vidyashree.Aravatti	V.A	Ab	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	V.A	v.B
13	Sweta.Anantapur	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta
14	Kavita.Goragundagi	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
15	Gurudevi.Naruni	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu	Gu
16	Prema.Bajantri	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB
17	Shankarling.Muchandi	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm	Shm
18	Shruti.Patil	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp
19	Abishek.Metri	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
20	Bhagyashree.Chakki	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
21	Priyanka.Alagur	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri	Pri
22	Sharada.Bilur	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
23	Spoorthi.Hirekurubar	Sp	Sp	Sp	Sp	Sp	Ab	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp	Sp
24	Parvati.Nimbaragi	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB
25	Naveenkumar.K	N	N	N	N	N	Ab	N	N	N	N	N	N	N	N	N	N	N	N
26	Anjana.Bidari	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj	Aj
27	Sweta.Shapeti	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw

(continued)

28	Shivananda.Putagi	<i>Ab</i>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	<i>Ab</i>
29	Pramod.Pundipalli	PP	PP	PP	<i>Ab</i>	PP	<i>Ab</i>													
30	Deepa.Patil	<i>deepa</i>	wed	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	<i>Ab</i>

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

  
**IQAC, Co-ordinator**  
 S.B.Arts & K.C.P.Science College,  
 Vijayapur.

  
**Principal,**  
 S.B. Arts and KCP Science College  
 VIJAYAPUR

Sl.no	Name of the students	15/2	16/2	2/22	2/23	2/28	2/29	2/3/3	2/3/6	2/3/8	4/14	3/15	3/21	3/22/3	2/3/3	2/3/6	2/3/6/6
1	Bhagyashree .D.Gavimath	BR	AB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	AB
2	Chidanand.Pujari	CB	CB	CB	CB	CB	CB	CB	CB	CB	AB						
3	Chidanand.Hiremath	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH						
4	Raju .Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Bhagyashree.Mali	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM						
6	Laxmi.Bellundagi	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB						
7	Vanishree.Gujjannavar	VG	VG	VG	VG	VG	VG	VG	VG	VG	VG						
8	Savitri.Biradar	SB	SB	SB	SB	SB	SB	SB	SB	SB	AB						
9	Roopa.Revatgaon	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP						
10	Shweta.Bommashetty	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP						
11	Aishwarya.Kalamani	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP						
12	Vidyashree.Aravatti	VA	VA	VA	VA	VA	VA	VA	VA	VA	VA						
13	Sweta.Anantapur	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA						
14	Kavita.Goragundagi	KA	KA	KA	KA	KA	KA	KA	KA	KA	KA						
15	Gurudevi.Naruni	GU	GU	GU	GU	GU	GU	GU	GU	GU	GU						
16	Prema.Bajantri	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR						
17	Shankarling.Muchandi	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM						
18	Shruti.Patil	SP	SP	AB	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	AB
19	Abishek.Metri	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM						
20	Bhagyashree.Chakki	BC	D	D	P	D	D	D	D	D	D	D	D	D	D	D	X
21	Priyanka.Alagur	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA						
22	Sharada.Bilur	SB	SB	SB	AB	SB	AB	SB	AB	SB	SB	SB	SB	SB	SB	SB	SB
23	Spoorthi.Hirekurubar	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH						
24	Parvati.Nimbaragi	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN						
25	Naveenkumar.K	(N)	D	D	D	D	D	D	D	D	D	D	D	D	D	D	AB

(continued)

28	Shivananda.Putagi	<i>(Handwritten signatures of 15 people)</i>
29	Pramod.Pundipalli	<i>(Handwritten signatures of 15 people)</i>
30	Deepa.Patil	<i>(Handwritten signatures of 15 people)</i>

  
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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 (2015-16)

Sl.no	Name of the students	1/1/15	2/1/15	3/1/15	4/1/15	5/1/15	6/1/15	7/1/15	8/1/15	9/1/15	10/1/15	11/1/15	12/1/15	13/1/15	14/1/15	15/1/15	16/1/15	17/1/15
1	Bhagyashree .D.Gavimath	BD	BD	BD	BD	BD	BD	BD	BD									
2	Chidanand.Pujari	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)									
3	Chidanand.Hiremath	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
4	Raju .Pawar	P	B	B	Ab	B	B	B	B	B	B	B	B	B	B	B	B	B
5	- Bhagyashree.Mali	Bm	Bm	Ab	Bm	Bm	Bm	Bm	Bm	Bm	Bm	Bm						
6	Laxmi.Bellundagi	Lw	Ab	Lw	Lw	Lw	Lw	Lw	Lw	Lw	Lw							
7	Vanishree.Gujjannavar	Ab	Vg	Vg	Vg	Vg	Vg	Vg	Vg	Vg								
8	- Savitri.Biradar	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb									
9	Roopa.Revatgaon	Pz	Pz	Pz	Pz	Pz	Pz	Pz	Pz									
10	Shweta.Bommashetty	S	S	S	S	S	S	S	S	S	S	S	S	S	Ab	S	S	S
11	Aishwarya.Kalamani	A	A	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab							
12	Vidyashree.Aravatti	Va	Va	Va	Va	Va	Va	Va	Va									
13	Sweta.Anantapur	Sw	Sw	Sw	Sw	Sw	Sw	Sw	Sw									
14	Kavita.Goragundagi	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	Ab
15	Gurudevi.Naruni	Gn	Gn	Gn	Gn	Gn	Gn	Gn	Gn									
16	Prema.Bajantri	Pb	Pb	Pb	Pb	Ab	Pb	Pb	Pb									
17	Shankarling.Muchandi	Sm	Sm	Sm	Sm	Sm	Sm	Sm	Sm									

**Continued**

18	Shruti.Patil	Ab Sp
19	Abishek.Metri	AB AB AB AB HB
20	Bhagyashree.Chakki	(B) B S A B C B B B B B B B B B B B B B B B B B
21	Priyanka.Alagur	PRIY PARI TIA PRIYATIAB PRIYATIAB PARI PARI PARI PARI PARI PARI PARI PARI
22	Sharada.Bilur	S B S B S B S B S B S B S B S B S B S B S B S B S B
23	Spoorthi.Hirekurubar	S P S P S P S P S P S P S P S P S P S P S P S P S P
24	Parvati.Nimbaragi	P S P
25	Naveenkumar.K	N D
26	Anjana.Bidari	Aj Ab Aj
27	Sweta.Shapeti	Sweta Sweta Sweta Sweta Sweta Sweta Sweta Sweta Sweta
28	Shivananda.Putagi	S S
29	Pramod.Pundipalli	P P
30	Deepa.Patil	Deepa Deepa Deepa Deepa Deepa Deepa Deepa Deepa Deepa

60

  
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**Principal,**  
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Sl.no	Name of the students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Bhagyashree .D.Gavimath	Ab																								
2	Chidanand.Pujari	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
3	Chidanand.Hiremath	Ch																								
4	Raju .Pawar	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
5	Bhagyashree.Mali	BM																								
6	Laxmi.Bellundagi	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
7	Vanishree.Gujjannavar	Kg	Vg	Vg	Kg	Kg	Kg	Kg	Vg																	
8	Savitri.Biradar	Se																								
9	Roopa.Revatgaon	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
10	Shweta.Bommashetty	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
11	Aishwarya.Kalamani	AS																								
12	Vidyashree.Aravatti	V.A																								
13	Sweta.Anantapur	Sweta																								
14	Kavita.Goragundagi	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	
15	Gurudevi.Naruni	Gurudevi																								
16	Prema.Bajantri	PB																								
17	Shankarling.Muchandi	Shm																								
18	Shruti.Patil	Sp	Sp																							
19	Abishek.Metri	DB	DB																							
20	Bhagyashree.Chakki	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
21	Priyanka.Alagur	PA	PA																							
22	Sharada.Bilur	SB	SB																							
23	Spoorthi.Hirekurubar	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
24	Parvati.Nimbaragi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	Naveenkumar.K	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

continued.

28	Shivananda.Putagi	Ab S P S B B S S S S S S S S S
29	Pramod.Pundipalli	PP PP PP PP PP Pb PP PP PP PD PP PP PP PP PP PI PP
30	Deepa.Patil	Deepa

  
**Head**  
 Dept. of Chemistry  
 SB Arts & KCP Sc. College,  
 Vijayapur.

  
**IQAC Co-ordinator**  
 S.B.Arts & K.C.P.Science College,  
 Vijayapur.

  
**Principal**,  
 S.B. Arts and KCP Science College  
 VIJAYAPUR

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

**NOTICE**

**Date : 20/03/2016**

All the students of COP Course in Soil and water analysis are hereby informed that final exam in this course will be conducted on 27/03/2016 . So attend the exam.

  
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B. L. D. E ASSOCIATION'S  
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DEPARTMENT OF CHEMISTRY

Certificate course in water and soil testing Theory( Paper -I)  
Examination 2015-2016:

Time:3hours

max: 50

Answer any ten of the following questions

$5 \times 10 = 50$

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



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DEPARTMENT OF CHEMISTRY

Theory( Paper -II) Examination 2015-16  
Certificate course in water and soil testing

Time:3hours

max: **50**

Answer any ten of the following questions

**5 X10=50**

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

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**Dept of Chemistry**

Marks list of students 2015-16

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.	Bhagyashree .D.Gavimath	38	9	35	6	48	136
2.	Chidanand.Pujari	27	7	26	7	47	114
3.	Chidanand.Hiremath	24	8	28	8	49	117
4.	Raju .Pawar	40	9	29	5	50	133
5.	Bhagyashree.Mali	15	4	23	7	45	94
6.	Laxmi.Bellundagi	16	6	24	8	50	104
7.	Vanishree.Gujjannavar	28	5	29	9	49	120
8.	Savitri.Biradar	29	6	30	6	47	118
9.	Roopa.Revatgaon	23	7	32	4	48	114
10.	Shweta.Bommashetty	24	8	25	5	49	111
11.	Aishwarya.Kalamani	29	9	15	5	48	106
12.	Vidyashree.Aravatti	30	7	16	6	38	97
13.	Sweta.Anantapur	32	4	28	7	47	118
14.	Kavita.Goragundagi	25	5	38	8	48	124
15.	Gurudevi.Naruni	31	6	39	8	48	132
16.	Prema.Bajantri	38	7	37	8	50	140
17.	Shankarling.Muchandi	39	7	33	6	50	135
18.	Shruti.Patil	37	7	32	6	48	130
19.	Abishek.Metri	33	6	20	9	47	115
20.	Bhagyashree.Chakki	32	8	22	10	48	120
21.	Priyanka.Alagur	20	9	21	5	48	95
22.	Sharada.Bilur	22	5	39	7	49	122
23.	Spoorthi.Hirekurubar	21	7	38	8	44	118
24.	Parvati.Nimbaragi	39	8	24	9	45	125
25.	Naveenkumar.K	38	9	26	6	45	124

*(Continued)*

26.	Anjana.Bidari	24	6	38	4	47	119
27.	Sweta.Shapeti	26	4	24	5	48	107
28.	Shivananda.Putagi	38	5	26	6	49	124
29.	Pramod.Pundipalli	24	5	39	7	50	125
30.	Deepa.Patil	26	6	38	8	46	124

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**Principal,**  
Arts and KCP Science College  
VIJAYAPUR

## 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 2015-16 .The main objective of this certificate course is to provide complete knowledge about water and soil testing.

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.

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.

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BLDE Association's

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

(Affiliated to RCU, Belagavi)

Re-accredited at "A" Level in Third Cycle by NAAC



## **DEPARTMENT OF CHEMISTRY**

CAREER ORIENTED PROGRAMME (Add on Course)

# *Certificate*

This is to certify that Shri/ Smt ... *Sweta, Anantapur* .....  
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 2015 -2016 ..

Date: 22/6/16

*Principal,*  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.

*Nm*  
Coordinator/HOD

*IQAC, Co-ordinator*  
S.B.Arts & K.C.P.Science College,  
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*Principal*



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## **DEPARTMENT OF CHEMISTRY**

CAREER ORIENTED PROGRAMME (Add on Course)

# *Certificate*

This is to certify that Shri/ Smt ....Bhagyashree, Gavimath.....  
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 2015 -2016

  
Principal,  
22/6/16 S.B.Arts & K.C.P. Science College,  
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IQAC, Co-ordinator  
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## **DEPARTMENT OF CHEMISTRY**

CAREER ORIENTED PROGRAMME (Add on Course)

# *Certificate*

This is to certify that Shri/ Smt ..... *Chidanand. Pigari* .....  
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 2015 -2016

*X*  
Principal,

32/1/15 S.B Arts & K.C.P Science College,  
VIJAYAPUR.

*Adm*

Coordinator/HOD

*A*

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**CAREER ORIENTED PROGRAMME (Add on Course)**

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This is to certify that Shri/ Smt ..... Chidanand 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 2015 -2016

  
**Principal,**  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.

Date: 22/6/16

  
Coordinator/HOD

  
**-IQAC, Co-ordinator**  
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CAREER ORIENTED PROGRAMME (Add on Course)

# *Certificate*

This is to certify that Shri/ Smt ..... Raju Pawar.....  
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 2015 -2016

Principal,  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.

Dated 22/6/16

Ach  
Coordinator/HOD

N  
—IQAC, Co-ordinator  
S.B.Arts & K.C.P. Science College,  
Vijayapur.

Principal