Shirdi Sai Rural Institute's

Arts, Science and Commerce College, Rahata

Add on and Certificate Courses

2021-22

Sr. No	Name of the add on/ certificate course
1	Advanced computer skills
2	Certificate course in Human Rights
3	Certificate course in Modi Lipi Training
4	Certificate course in Soil and Water Analysis
5	Certificate course in Sericulture
6	Certificate course in Mushroom cultivation
7	Certificate course introduction to Banking
8	Certificate Course in GIS

IQAC Coordinator

ASC College Range



Art's, Science & Commerce College Rahata, Dist. Ahmednagar To,

Principal,

Arts, Science and Commerce College, Rahata

Subject- Permission to start 'Certificate Course' in advanced computer Skill.

Respected Sir,

With reference to above subject, Department of Commerce wants to run a Certificate Course in subject "Advanced Computer Skill", for First year B.Com students though who are not aware in this subject.

The syllabus for Certificate course is based on basic computer skill. The syllabus and Time Table is attached with it. You are requested to grant permission to run course

.Thank you,

Dr. M.B. Dighe

Coordinator

Yours Faithfully

Dr. S.K. Pulate
Vice-Principal & H.O.D
Department Commerce

HEAD

DEPARTMENT OF COMMERCE.

173, Science & Commerce College
Rahata, Dist Ahmednagar

Shirdi Sai Rural Institutes

ARTSSCIENCE AND COMMERCE COLEGE, RAHATA

Department of Commerce



Organizing
Advanced Computer Skill
Certificate Course



Duration 04th December, 2021 To 10th January , 2022 Hurry up/Limited Seats Available

Feature:

To know about Computer and Software and Hardware To understand the networking and its importance Perform basic functions of file management Manage print setting and print document

Dr. M.B. Dighe (Contact No. 9922156880) Dr. S. K. Pulate Head & Vice Principal Dept. of Commerce

Prof. Sanjay Lahare I/C Principal

ShirdiSai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997)



Email: rahatacollege@rediffmail.com Website: http://pravarassri.org.in

NAAC Accredited "B++" Grade College

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Recipient of "Best Rural College Award" from University of Pune (2012-13)

Ref./ASCCR/2021-22

Date- 18/11/2021

To,

Dr. B. D. Ranpise,

Vice-Principal & H.O.D.

Commerce Department

P.V.P. College, Pravarangar,

Loni.

Sub.-Syllabus Framing for Advanced Computer Skill

Respected Sir,

We are pleased to inform you are cordially invited to the syllabus framing of Certificate Course in "Advanced Computer Skill" which will be held in Department of Commerce in our college for the academic year 2021-22.

We sincerely hope that you will able to confirm your presence for this syllabus framing program.

We look forward your presence

Thanking you,

Decire A

Yours Faithfully,

Art's Science & Commerce College, Rahata

Syllabus:-

Sr. No.	Unit	Sub unit
01	Introduction to Computer	Introduction to Computer, Computer System Hardware Computer Memory Input and Output Devices Computer Virus, Types of Viruses, Use of Antivirus software
02	Hardware- software	Introduction and types to Hardware- software
03	Windows	MS-Word: MS-Excel: MS-PowerPoint
04	Introduction to Computer Network	Introduction Importance of Networking Computer Network (LAN, WAN, MAN) Network Components ,Network Topology, Wireless Networks
05	Use of Computer in Commerce	Data Processing, Files and Records, File Organization Computer Applications in Business –
06	Internet and Internet application	Introduction, Internet evolution Working of Internet, Use of Internet Overview of World Wide Web Introduction to Search engine and Searching the Web Downloading files Introduction to Web Browsers Working with E-mail
07	Internet Security	Security, Privacy Ethical Issues & Cyber Law

Dr. M.B. Dighe Coordinator

Dr. S.K. Pulate
Vice-Principal & H.O.D
Department Commerce

DEPARTMENT OF COMMERCE
outs, Science & Commerce College
Rahata, Dist. Ahmednagar

Objective of the Course: -

- 1. To know about Computer and Software and Hardware.
- 2. To get familiar with the concept of Operating System.
- 3. To know about Viruses and Ant-Virus used.
- 4. To Understand the Information Technology.
- 5. To Use of Computer in Commerce.
- 6. To learn data processing
- 7. To understand the Networking and its importance.

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on the little were

Dr.M.B. Dighe
Coordinator

Dr. S.K. Pulate
Vice-Principal & H.O.D
Department Commerce

HEAD

Science & Commerce College Shata, Dist. Ahmednagar

Outcomes

By the end of this course, student should be able to:

- appropriately start up and shut down computer
- navigate the operating system and start applications
- · Perform basic Function of the
- · Perform basic functions of file management
- Perform basic functions in a word processor and spreadsheet
- manage print settings and print documents
- · Receive and send emails
- Use a web browser to navigate the Internet.

Dr. M.B. Dighe Coordinator Dr. S.K. Pulate
Vice-Principal & H.O.D
Department Commerce

PARTMENT OF COMMERCE
its, Science & Commerce College
Rahata, Dist. Ahmednagar

Department of Commerce

Certificate Course: 2021-22

Name of Course: - Advanced Computer Skill
Notice for Students

THE STREET STREET

Date -22/11/2021

All the First Year Students of B.Com are hereby informed that Department of Commerce is organizing Certificate Course in the subject of Advanced Computer Skill. The Certificate course aims that to make primary knowledge strong base Subject in "Advanced Computer Skill."

Those who are interested can register their names to Dr. M. B. Dighe
The Time Table will be display.

Dr. M.B. Dighe Coordinator

Dr. S.K. Pulate
Vice-Principal & H.O.D
Department Commerce

HEAD
EPARTMENT OF COMMERCE
S, Science & Commerce College
Ranata, Dist. Ahmednagar

Department of Commerce

Certificate Course: 2021-22

Name of Course: - Advanced Computer Skill

Time Table

(04/12/2021 to 10/01/2022)

Sr.No.	Hall No.	Time	Day
01.	Computer lab	2.00 pm to 3.00 pm	Monday
02.	Computer lab	2.00 pm to 3.00 pm	Tuesday
03.	Computer lab	2.00 pm to 3.00 pm	Wednesday
04	Hall No. S-19	2.00 pm to 3.00 pm	Tuesday
02	Hall No. S-19	2.00 pm to 3.00 pm	Friday
03	Hall No. S-19	2.00 pm to 3.00 pm	Saturday

Dr. M.B. Dighe Coordinator Dr. S. K. Pulate
Vice-Principal & H.O.D
Department of Commerce
HEAD

Separtment of Commerce College Rahata, Dist. Ahmednagar

Department of Commerce - Advanced Computerskill Student List- F.Y.B.Com 2021-22

Sr.No.	Name of the student	Gender	Category	Sign
1.	AGRE PAVAN PRADIP	Male	EBC	fart).
2.	AMBHORE POOJA JALINDAR	Female	EBC	MUSA
3.	BANKAR RUPESH EKNATH	Male	EBC	Bruker,
4.	BHUJBAL PRANJALI ASHOK	Female	BC	P. Bhujbal.
5.	BHOSALE KANCHAN KUMAR	Female	BC	264 M
6.	BOTHE RAVINA NAMDEV	Female	EBC	Bother
7.	CHITTTE RUPESH ANIL	Male	BC	Bothe.
8.	CHOLKE KOMAL BHIMRAJ	Female	EBC	Jeoms A
9.	CHOLKE NISHANT DILIP	Male	EBC	Al
10	GAIKWAD SOMESH ANTON	Male	BC	Grai Vainter
11.	GAIKWAD VIDYA KAILAS	Female	BC	OS
12.	GAME ASHWINI NAVNATH	Female	EBC	(famelish
13.	GAME ROHINI BABASAHEB	Female	EBC	GameRohim
14.	GAME RUDALI RAVSAHEB	Female	EBC -	clues
15.	GORE RUTUJA KISHOR	Female	BC	Rebuby
16.	HEKADE ABHIJIT SUSHEN	Male	BC	sen Co
17.	JAGTAP RAVINDRA RATAN	Male	BC	TexpaD-Pa
18.	JANJAL SAINATH KISHOR	Male	BC	Janjul
19.	KALE GAYATRI PRAKASH	Female	EBC	Kall Geayatri
20.	KASAR RUSHIKESH ASHOK	Male	BC	Kudale. P. O
21.	KUNDE PALLAVI RAMRAO	Female	BC	Rushikesh
22.	LONDHE KALYANI BABAN	Female	EBC	Const. A.
23.	LUTE KALYANI SUNIL	Female	BC	Lutur
24.	MALI SUVARNA NAMDEV	Female	BC	Arrenny
25.	MUGAL SANA SARDAR	Female	BC	Mugales
26.	NALE AKSHAY DATTATRAY	Male	EBC	Akshur
27.	NALE KAVERI DILIP	Female	EBC	MulpiAlesh
28.	NIKALE PRANITA KAILAS	Female	BC	In
29.	NIKALE SHRUTI MAHENDRA	Female	BC	(A) 4 c/sh.
30.	PACHARNE AKASH KISAN	Male	EBC	Alcash
31.	PACHARNE KALYANI PUNJARAM	Female	EBC	Dancha
32.	PANDIT SHUBHAM RAJENDRA	Male	BC	Potha. 4.
33.	PATHAN KHATIJA BASHIRKHA	Female	EBC	pathen
34.	PUJARI RUSHIKESH RAJU	Male	BC	Pulieth
35.	SAMBARE TEJSWINI SUNIL	Female	BC	Teismini
36.	SAPTE AJINKAYA ASHOK	Male	BC	Santaina
37.	SATDIVE ROHIT BHAUSAHEB	Male	BC	Saple.
38.	SHELAR SAURABH APPASAHEB	Male	EBC	Shell
39.	SHINDE SURYARAJ LAXMAN	Male	BC	shinds sury
40.	TARGE GOKUL KISAN	Male	BC	Con To Il
41.	TRIBHUWAN KALYANI AMOL	Female	BC	Charles
42.	TUPE AKANKSHA ASHOK	Female	BC	100011

Dr. M.B. Dighe Coordinator

Vice-Principal & H.O.D Department of Commerce

ARTMENT OF COMMERCE
Arts, Science & Commerce College
Rahata, Dist. Ahmednagar

SHIRDI SAI RURAL INSTITUTE ARTS,SCIENCE & COMMERCE COLLEGE, RAHATA A/pRahata Tal-Rahata

Class: F.Y.BCOM Attendance sheet

Subject- Advanced Computer Skill (Date 04/12/2021 to 10/01/2022

Sr.No.	Name of the student	4/12	6112	7/12	8112	0/12	10112	11/10	12112	14/12	15/12	1/11/2	102 (10	2010	21/12	2210
1	AGRE PAVAN PRADIP	P	P	P	P	p	10	10	0	D	130	10	0	12	D	D
2	2 AMBHORE POOJA JALINDAR	P	p	D	מן	p	p	12	12	D	P	17	D	0	D	0
3	BANKAR RUPESH EKNATH	p	p	D	p		1)	V	0	1	10	0	p	p	p	D
4	4 BHUJBAL PRANJALI ASHOK	P		p	p	10	13	10	Ŋ	D	n	0	10	0	b	0
5	5 BHOSALE KANCHAN KUMAR	P	P		p	B	D	177	Ŋ	D	B	0	p	P	P	P
6	6 BOTHE RAVINA NAMDEV		P	P	P	p		10	0	D	10	P	0	P	P	0
7	CHITTE RUPESH ANIL	P	P	P	P	12	p		p	12	0	-	D	p	0	-
	CHOLKE KOMAL BHIMRAJ	10	P	10	P	p	12	p	D	Q		0	p	0	0	
9	CHOLKE NISHANT DILIP	P	p	p	1	12	D	P	17	10	10	10	0		0	p
10	GAIK WAD SOMESH ANTON	p	12	D	P	P	P	P	p		10	0	P	P	p	0
11	GAIKWAD VIDYA KAILAS	p	P	P	p	-	D	p		0	n	P	0	P	A	D
12	2 GAME ASHWINI NAVNATH	p	p	P		P	10	p	0	D	D	p	b	12	0	B
13	GAME ROHINI BABASAHEB		P	P	P	P	5	p	P	V	12	D		p	p	10
14	4 GAME RUDALI RAVSAHEB	P	P	P	p	17	b	P	P	D	p	P	*	p		D
15	GORE RUTUJA KISHOR	p		1	P	p	D	p	P	12	P	12	0	P	D	0
16	HEKADE ABHIJIT SUSHEN	P	P	P	P	12	10	P	P	P	D		D	10	0	0
17	JAGTAP RAVINDRA RATAN	P	P	P	P	12	P	P	P	D	,	D	10	D	0	0
18	JANJAL SAINATH KISHOR	p	D	10	,	10		P	P	10		מ	D	0	0	D
19	KALE GAYATRI PRAKASH	P	P	p	P	P	P	p	P	,	P	12	D	-	6	,
20	KASAR RUSHIKESH ASHOK	1	p	P	P	17	p	-	0	P	10	b	A		D	0
21	KUNDE PALLAVI RAMRAO	p	P	p	P	100	10	Ø	p	D	n	0	0	р	0	0
22	LONDHE KALYANI BABAN	D	P	P	P	p	V			p	n	D	p	0	0	-
23	LUTE KALYANI SUNIL	10		P	P	P	p	P	P	P	D	p	32	0	0	D
24	MALI SUVARNA NAMDEV	P	P	3	P	p	p	,	P	-	10		0	TO	D	D
25	MUGAL SANA SARDAR	p	P	D	P	p	(c)		P	- 1		D	0	P	-	P

	411	L6/12	7/12	8/12	9/12	10/12	11/12	13/12	14/12	15/12	16/12	17/12	20/1	221/12	22/12
26 NALE AKSHAY DATTATRAY	р	p	10	p	p	P	p	p	p	p	p	P	P	P	P
27 NALE KAVERI DILIP	p	10	P	P	p	10	p	p	P	p	p		p	P	P
28 NIKALE PRANITA KAILAS	p	10	P	p	p	,	p	ρ	p	P	P	p	P	p	P
29 NIKALE SHRUTI MAHENDRA	P	1	P	P	P	p	р		p	P		P	,	P	p
30 PACHARNE AKASH KISAN	(q	P	P	p	1	p	p	P	p	P	P	-	1	P	P
31 PACHARNE KALYANI PUNJARA	M 13	p	12	p	P	P	1	p	p	P	p	P	P	p	p
32 PANDIT SHUBHAM RAJENDRA		P	P		P	p	p	p	P	10	p	P	p	1	P
33 PATHAN KHATIJA BASHIRKHA	P	0	P	P	12	p	p	P	7	P	p	P	P	P	P
34 PUJARI RUSHIKESH RAJU		D	1	p	p	P	P	9	P	p	P	P	P	P	P
35 SAMBARE TEJSWINI SUNIL	P	P	P	p	p	P	P	P	p	P	p	p	P	P	P
36 SAPTE AJINKAYA ASHOK	0	P	P	p		p	p	1	P	P	,	P	p	P	p
37 SATDIVE ROHIT BHAUSAHEB	p	,		P	p	P	P	p	P	p	P	p	P	P	P
38 SHELAR SAURABH APPASAHEE	10	P	P	1	P	p	,	P	P	P	P	P	P	P	P
39 SHINDE SURYARAJ LAXMAN	,	P	P	P	p	p	P	p	p	P	p	р	,	P	P
40 TARGE GOKUL KISAN	P	P	P	P	P	p	P	P	P	P	P	p	,		P
41 TRIBHUWAN KALYANI AMOL	P	P	,	p	P	P	p	P	p	b	,	10	P	P	p
42 TUPE AKANKSHA ASHOK	f	p	P	P	P	P	P	P	p	p	P	b	P	P	1

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SPARTMENT OF COMMERCE

s, Science & Commerce College

Pahata, Dist. Ahmednagar

SHIRDI SAI RURAL INSTITUTE ARTS,SCIENCE & COMMERCE COLLEGE, RAHATA

A/pRahata Tal-Rahata

Class: F.Y.BCOM Attendance sheet
Subject- Advanced Computer Skill (Date 04/12/2021 to 10/01/2022

Sr.No.	Name of the student	23112								03/01	04/01	05/01	06/01	07/1	8/01	10/01
1	AGRE PAVAN PRADIP	p	p	D	p	P	D	P	D	10	P	10	100101	p	101	P
2	AMBHORE POOJA JALINDAR	Q	p	D	D	D	P	B	D	10	p	p	12	D	0	D
3	BANKAR RUPESH EKNATH	0	n	p	P	D	D	P	D	0	P	p	P			12
4	BHUJBAL PRANJALI ASHOK	D	P	p	p	0	D	D	P	P	P	P	n	p	10	p
5	BHOSALE KANCHAN KUMAR	D	,	p	a	0	P	P	D	p	P	P	4	p	10	P
6	BOTHE RAVINA NAMDEV	p	P	b	p	P	p	P	0	0	10	P		P	P	P
7	CHITTTE RUPESH ANIL	,	p	D	-	0		P	0	P	P		D	P	P	-
8	CHOLKE KOMAL BHIMRAJ		0	P		0	D	0	10	0	p	p	-		P	n
9	CHOLKE NISHANT DILIP	P	P	n	D		b	P	p	P	b	n	p	P	P	1
10	GAIKWAD SOMESH ANTON	0	0	-	D		b	1	D	P	P		p	,		P
11	GAIKWAD VIDYA KAILAS	P	D	10	0	p	p	D	P	p	p	P		P	P	
12	GAME ASHWINI NAVNATH	p	P	p	D	0	D	P	P	p	12	-	P	p	P	P
13	GAME ROHINI BABASAHEB	D		P	P	P	0	12	p	P	10	P	P	P	P	P
14	GAME RUDALI RAVSAHEB	P	P	P	P	0	0	10		P	12	P	P		and the same of the same	100
15	GORE RUTUJA KISHOR	P	p	p	P	D	10	0	P	P	10		D	p	p	P
16	HEKADE ABHIJIT SUSHEN	P	p	P	P	D	P	P	0	D	P	þ	p	9	p	
17	JAGTAP RAVINDRA RATAN		P	0	p	p	0	p	P	D	P	P			P	
18	JANJAL SAINATH KISHOR	P	P	0	P	P	p	p	P	p	10	P	P	P	P	P
19	KALE GAYATRI PRAKASH	P	1	D	D	-	-	P	12	p	P	D		20	P	P
20	KASAR RUSHIKESH ASHOK	0	12	P	ρ	100	P	P	P	P	D	0	p	+	P	P
21	KUNDE PALLAVI RAMRAO	K	D	p	P	P	D	P	P	10	0	P	P	0	P	P
22	LONDHE KALYANI BABAN	P	p	p		þ	n	P	P	P	1	4	p	ρ	P	P
23	LUTE KALYANI SUNIL	-	P	10	P	12	n	D	p	P	1)		P	0	P	P
24	MALI SUVARNA NAMDEV	p	P	p	P	p	P	P	P	P	p	P	P	P		P
25	MUGAL SANA SARDAR	p	p	,	10	P	0	P	12		D	p	p	0	P	P

		23/42	248/0	27/n	-18/17	2010	3012	31/12	01/01	03/01	04/01	05/01	06/01	07/01	8/01	10
26 NALE AKSHAY DA	ATTATRAY	p	p	10	D	10	P	P	p	P	P	p	P	10	p	
27 NALE KAVERI DIL	.IP	P	p	10	P	D	p	P	p		P	p	p	P	p	
28 NIKALE PRANITA	KAILAS		P	P	1	p	P	P	P	P	p	p	P	p	P	
29 NIKALE SHRUTI M	IAHENDRA	P		p	P	p	P	P	P	P	9.		p	P	P	
30 PACHARNE AKAS	H KISAN	P		P	p	p	P	P	P	P	P	ch	p	P	P	
31 PACHARNE KALY	ANI PUNJARAM	P	P	,	P	Þ	,	P	7	1	P	p	P	P	P	
32 PANDIT SHUBHAN	A RAJENDRA	p	P	P	,	P	P	p	р	P	P	p	p	P	p	1
33 PATHAN KHATIJA	BASHIRKHA	p	10	P			P	,	p	D	P	р	p	4	p	T
34 PUJARI RUSHIKES	H RAJU	P	D	p	P	p	0	P	,	P	P	p	p		P	1 f
35 SAMBARE TEJSWI	NI SUNIL	p	P	P	p	p	p	P	P	10	D	P		p	*	,
36 SAPTE AJINKAYA	ASHOK	P	P	P	P	P	,	P	D	0	0	p	,	P	p	
37 SATDIVE ROHIT B	HAUSAHEB	-	10	p	P	b	p	P	P	p	D	12	P	p	P	
38 SHELAR SAURABI	H APPASAHEB	ρ	p	p	P	p	,	р	10	D	P	0	P	P		
39 SHINDE SURYARA	J LAXMAN	P	P	P	P	p	,	ρ	P	12	,		P	p	D	
40 TARGE GOKUL KIS	SAN	p	,	P	P	P	P	4	p	12	10		q	P	p	-
41 TRIBHUWAN KAL	YANI AMOL	P	p	,	p	-	0	p	10		P	10	D	0	P	
42 TUPE AKANKSHA	ASHOK	D	p	p	D	P	0	n	12	n	12	2	n	0	0	

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PARTMENT OF COMMERCE
Science & Commerce College
Lancta, Cist. Ahmednagar

Department of Commerce

Certificate Course: 2021-22

Name of Course: - Advanced Computer Skill

Report

In the academic year 2021-22, under the Department of Commerce of Arts, Science and Commerce, Rahata. Commerce Department, a certificate course was taken on the subject of Advanced Computer skills with the permission of the principal of the college. This certificate course was started with the objective of imparting advanced computer knowledge to the first year students of Commerce Department.

Generally computer course was taken for this period from 04th December 2021 to 10th January 2022. For this course total number of 42 students were admitted in the F.Y.Com class, out of which 18 were boys and 24 were girls.

The students were introduced to computer concepts, computer identification and handling, tools used, hardware and software identification, windows, computer internet information, internet technology, internet applications, types of networking, internet security and computer usage in commerce.

Dr. M.B. Dighe

Coordinator

Dr. S. K. Pulate
Vice-Principal & H.O.D
Department of Commerce

DEPARTMENT OF COMMERCE Arts, Science & Commerce College Rahara, Dist, Ahmednagar

Department of Commerce

Certificate Course: 2021-22

Name of Course: - Advanced Computer Skill

Photo Gallery



Lecture on Advanced Computer Skill by Dr. M. B. Dighe



Advanced Computer Skill Practical by Dr. M. B. Dighe and Prof. P.S. Kolage

Arts, Science & Commerce College, Rahata Department of Commerce- Advanced Computer Skill 2021-22 Evaluation Process

Sr.No.	Name of the student	Theory (20)	Practical (30)	Total (50)
	AGRE PAVAN PRADIP	16	24	40
	AMBHORE POOJA JALINDAR	18	26	44
3.	BANKAR RUPESH EKNATH	16	25	41
1.	BHUJBAL PRANJALI ASHOK	14	22	36
5.	BHOSALE KANCHAN KUMAR	16	23	39
6.	BOTHE RAVINA NAMDEV	18	24	42
7.	CHITTE RUPESH ANIL	14	21	35
8.	CHOLKE KOMAL BHIMRAJ	16	22	38
9.	CHOLKE NISHANT DILIP	16	24	40
10	GAIKWAD SOMESH ANTON	18	23	41
11.	GAIKWAD VIDYA KAILAS	18	25	43
12.	GAME ASHWINI NAVNATH	16	24	40
13.	GAME ROHINI BABASAHEB	16	26	42
14.	GAME RUDALI RAVSAHEB	14	26	40
15.	GORE RUTUJA KISHOR	18	24	42
16.	HEKADE ABHIJIT SUSHEN	18	21	39
17.	JAGTAP RAVINDRA RATAN	16	23	39
18.	JANJAL SAINATH KISHOR	16	24	40
19.	KALE GAYATRI PRAKASH	16	25	41
20.	KASAR RUSHIKESH ASHOK	16	24	40
21.	KUNDE PALLAVI RAMRAO	14	22	36
22.	LONDHE KALYANI BABAN	16	21	37
23.	LUTE KALYANI SUNIL	16	24	40
24.	MALI SUVARNA NAMDEV	14	21	35
25.	MUGAL SANA SARDAR	16	23	39
26.	NALE AKSHAY DATTATRAY	14	24	38
27.	NALE KAVERI DILIP	16	. 25	41
28.	NIKALE PRANITA KAILAS	16	24	40
29.	NIKALE SHRUTI MAHENDRA	18	22	40
30.	PACHARNE AKASH KISAN	16	21	37
31.	PACHARNE KALYANI PUNJARAM	14	21	35
32.	PANDIT SHUBHAM RAJENDRA	16	22	38
33.	PATHAN KHATIJA BASHIRKHA	14	23	37
34.	PUJARI RUSHIKESH RAJU	16	21	37
35.	SAMBARE TEJSWINI SUNIL	16	23	39
36.	SAPTE AJINKAYA ASHOK	16	24	40
37.	SATDIVE ROHIT BHAUSAHEB	14	23	37
38.	SHELAR SAURABH APPASAHEB	16	25	41
39.	SHINDE SURYARAJ LAXMAN	14	24	38
40.	TARGE GOKUL KISAN	16	23	39
41.	TRIBHUWAN KALYANI AMOL	16	24	40
42.	TUPE AKANKSHA ASHOK	18	21	39

Dr. M.B. Dighe Coordinator Dr. S. K. Pulate
Vice-Principal & H.O.D
Department of Commerce

Department of Commerce
DEPARTMENT OF COMMERCE
Its, Science & Commerce College
Rahata, Dist, Ahmednagar

Shirdi Sai Rural Institutes

Arts, Science and Commerce College, Rahata

Class EMP 6	Certificate (ourse	Marks- 20
O 1 Fill in the Di	Sub- Advanced Comp	uter Skill	Date- 12/01/2022
	nks. (Any 10)		20
	Access Memo		
	B. Main		
2is a	program used for drawing	and painting the	pictures.
A. Word	B. Notepad	C. Paint	D. WordPad
3. A virus is a small	piece ofth	at piggybacks on	real Programs.
A. Hardware	B. Software	C. Program	D. All Above
4 is the o	one who wants to send sor	me message to the	receiver.
A. User	B. Receiver	C. Sender	D All Above
5. A is	a group of devices connec	cted to each other.	
A. Network	B. Keyboard	C. Monitor	D. Mouse
6. LAN is			
A. Local Area Netv	vork		B. Logic Area Network
C. Local Area Next			D. Last Area Network
7is the	raw data entered into com	puter from Input	levices.
A. Input	B. Output	C. Process	D. Information
8. The first generati	ion computers used		
A. Transistor	B. Vacuum Tubes	C. Capacitor	D. All Above
9is used	in inputting the data to the	computer.	
A. Keyboard	B. Monitor	C. Speaker	D. Printer
	is a type of utility used		
computer.			
A. System	B. Application	C. Antivirus	D All Above
11. A i	s a group of devices conn	ected to each othe	er.
A. Network	B. Keyboard	C. Monitor	D. Mouse
12. MAN is			
A. Metropolitan Ar	ea Network		B. More Area Network
C. Most Area Netw	ork		D. Mass Area Network
			The state of the s

ShirdiSai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



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Email: rahatacollege@rediffmail.com
Website: http://pravarassri.org.in
NAAC Accredited "B++" Grade College



CERTIFICATE

On

Advanced Computer skill Department of Commerce

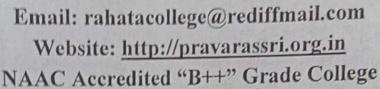
Mr/Mrs					
Class		Division		has	actively
participate	d in Certificate Cou	rse "Advanced C	omputer skill" O	rganized by De	partment
of Commen	rce for the Academ	ic year			

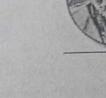
Dr. M. B. Dighe Coordinator Dr. S. K. Pulate Vice-Principal & H.O.D Principal

ShirdiSai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997)





CERTIFICATE

On

Advanced Computer skill Department of Commerce

Mr/Mrs	s. Londhe Kalxai	ni Baban			
Class	F. Y. B. com	Division	<u>- 4</u>	has	actively
particip	oated in Certificate Course	"Advanced Compu	ıter skill" Org	anized by De	partment
of Com	merce for the Academic 3	year. 2021-22			
	and a	Hutate		N .	

Dr. M. B. Dighe Coordinator

Dr. S. K. Pulate Vice-Principal & H.O.D Principal

ShirdiSai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Coordinator

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On

Advanced Computer skill Department of Commerce

Mr/M / s	Bothe pravin	Nomder			
	F.y.B.com	Division	<u>A</u>	has	actively
participat	ed in Certificate Course	"Advanced Co	omputer skill	l" Organized by De	epartment
of Comm	erce for the Academic	year. 2021-	2.2		
Dr. N	A.B. Dighe	Dr. S. K. 1	Pulate	Dlah	

Vice-Principal & H.O.D

Department of Commerce

Bridge Course: 2021-22

Name of Course: - Advanced Computer Skill

Feedback Form

Date- 04th December 2021 to 10th January 2022

Course Name	Advanced Computer Skill		
Course Date	04th December 2021 to 10th January 2022		
Name of The Student	Londhe	kalyani	Balban

Please rate your Course based on the following criterion

Sr.No.	Feedback	Strongly agree	Agree	Unsure	Disagree
1.	Objective of the Course was clear	~			
2.	The level of the Course was good		V		
3.	The Course exposed you to new knowledge and Practices	V			
4.	I learned Computer Concepts that I will be able to apply when Working	V			
5.	The teaching aids were effectively used		V .		
6.	The instructors encouraged interaction and were helpful	V			

Student sign

Department of Commerce

Bridge Course: 2021-22

Name of Course: - Advanced Computer Skill

Feedback Form

Date- 04th December 2021 to 10th January 2022

Course Name	Advanced Computer Skill
Course Date	04th December 2021 to 10th January 2022
Name of The Student	Bothe Pravin Namder

Please rate your Course based on the following criterion

Sr.No.	Feedback	Strongly agree	Agree	Unsure	Disagree
1.	Objective of the Course was clear	~			
2.	The level of the Course was good		V		
3.	The Course exposed you to new knowledge and Practices				
4.	I learned Computer Concepts that I will be able to apply when Working	/			
5.	The teaching aids were effectively used		~		
6.	The instructors encouraged interaction and were helpful				

Student sign

Department of Commerce Certificate Course: 2021-22

Name of Course: - Advanced Computer Skill

Feedback Analysis

Sr. No.	Feedback	Strongly agree	Agree	Unsure	Disagree	Total
1.	Objective of the Course was clear	28	11	03	0	42
	111111111111111111111111111111111111111	66.67%	26.19%	-7.14%	0	100.00%
2.	The level of the Course was good	34	08	0	0	42
	was good	80.95%	19.05%	0	0	100.00%
3.	The Course exposed you to new knowledge	32	10	0	0	42
	and Practices	76.19%	23.81%	0	0	100.00%
Cal	learned Computer Concepts that I will be	30	11	01	0	42
	able to apply when Working	71.43%	26.19%	2.38%	0	100.00%
	The teaching aids were	29	12	. 01	0	42
	effectively used	66.67%	23.81%	2.38%	0	100.00%
6.	The instructors	31	08	03	0	42
	encouraged interaction and were helpful	73.81%	19.05 %	7.14%	0	100.00%

- 1. 92.86 % students agree for objective of the course was clear.
- 2. All students are agree that the level of the Course was good.
- 3. 76.19 % students are strongly agree that the Course exposed to new knowledge and Practices.
- 4. All students will be able to apply when working.
- 5. 92.86 % students are agree that instructors encouraged interaction and helpful.

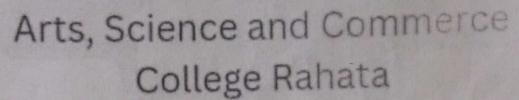
'Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA Certificate Course on Human Right

DATE- 10/01/2022 TO 20/01/2022

Sr.No	Name of the Document	Remark
1.	Human Right Certificate Course Broacher	
2.	Principal sanction letter	✓
3.	Student Circular	✓
4.	Human Right certificate Course Syllabus	✓
5.	Human Right certificate Course time table	*
6.	Syllabus farming invitation Letter	✓
7.	List of Attendance Student	*
8.	Signature of Student	*
9.	Scheme of Examination	✓
10.	Question Paper	*
11.	Answer sheet	✓
12.	Mark List	*
13.	Exported out Come	· · · · · · · · · · · · · · · · · · ·
14.	Feedback Form	✓
15.	Feedback Analysis	√
16.	Feedback Analysis Report	1
17.	Certificate	✓
18.	Human Right certificate course Report	✓

SHIRDI SAI RURAL INSTITUTES



"NAAC Re-accrediated "B++"Grade College"

At Post- Pimplas, Tal - Rahata, Dist. - Ahmednagar (M.S.)

Phone No - 9823229239

HUMAN RIGHTS CERTIFICATE COURS



10-20 JAN 2022

ORGANIZED BY
DEPARTMENT OF POLITICAL SCIENCE
ASC COLLEGE RAHATA

"NAAC Re-accrediated "B++"Grade College" At Post- Pimplas, Tal - Rahata, Dist. - Ahmednagar (M.S.) Shirdi Sai Rurat Institute was established in 1997 as a Public Trust by the vision of Late Padmabhushan Dr. Balasaheb Vikhe Patil (Ex-Minister, Govt. of India, Founder Trustee, SSRI). The institute is doing progress under the able guidance of Hon'ble Shri. Radhakrishna Vikhe Patil, Chairman, Shirdi Sai Rural Institute, Pravaranagar, (Minister of Revenue, Animal Husbandry and Dairy Development, Govt. of Maharashtra) and Hon'ble Dr. Sujaydada Vikhe Patil, Member of Parliament, India.

The Arts, Science and Commerce College, Rahata is celebrating the Silver Jublie of its establishment (1997-2022). The strength of the students was 141, when it was established, now strength is 1800+. Since then the College has been progressing. The college is located very close to the holy place of Lord Sai Baba's Shirdi. In the area of 21 Acers, 48 Teaching and 39 Non-teaching Staff are taking efforts to add the feathers in its cap. College is permanently affiliated to Savitribal Phule Pune University, and included by UGC under 12 (b) and 2(F) section.

In recognition of the excellent educational facilities provided and services rendered to the rural masses, the college has received 'Best Rural College' Award from Savitribai Phule Pune University for the year 2013. In the academic year 2011-12 Student Welfare Board, Savitribai to the Pune University has honored the college with the Best College Award. The NAAC has referred the College with 'B++' Grade in 2017-18.

About the Course

e Training Program is designed as per the prescribed syllabus of SPPU for first year Studant A The Course is designed in such a way that students will get a detailed knowlege of Human ght Provided in the syllabus.

Topics Covered

- · A Meaning., Nature, Evolution and Importance of Human Rights
- · United Nations and Human Rights
- Human Rights in India
- · Instrumentalities, for protecting Human Rights, judiciary

Registration

All the participants are requested to register for Department of political science
 The Registration offline mode and the details for registration are given below.

Arts, Science and Commerce College, Rahata Department of political science

Hon'ble Shri. Radhakrishna Vikhe Patil

hairman, SSRI, Pravaranagar Minister of Revenue, Animal Husbandry and Dairy Development, Govt, of Maharashtral

Hon'ble Mrs. Shalinitai Vikhe Patil

(Trustee, SSR), Prayaranager, Ex. President, John Parishad, Ahmednagar)

Hon'ble Dr. Sujaydada Vikhe Patil

(Trustee, SSR), Prayaranagar, Member of Parliament)

Dr. Mahesh N. Kharde

Orector, SSAL Pravaranagari

Local Organizing Committee

Convener
Principal Prof. S. V. Lahare

Prof. T. K. Kumkar

Dr. D.N.Dange

Dr. S.K.Pulate

Prof. S. J. Jagtap

9370487915

Permission Letter

TO

DATE -01 /01 / 2022

THE Principal,

Arts, Science, Commerce Collage Rahata

Tal- Rahata Dist. -Ahmednagar

Subject: Permission to Conduct Certificate course in Human Right......
Respected sir,

With reference to above mentioned Subject, our department would like to conduct Human Right Certificate course for student. This enhances the information Human Right in Indian constitution skill in the student. "What are Human Rights in India"? This Certificate course will be scheduled after their regular teaching time table. You are kindly requested to give us permission to organize this Certificate course in Human Right

Thanking you,

Yours faithfully,

DEPARTMENT OF POLITICAL SCIENCE Art's, Science & Commerce College Rahata, Dist. Ahmednagar

'Shirdi Sai Rural Institute's' ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997) Phone- (02423) 204400, 204488, Fax- (02423) 204488

Email: rahatacollege@rediffmail.com

Website: www.ascrahata.org

Recipient of "Best Rural College Award" from University of Pune (2012-13)
Recipient of "Best Rural College Award" from Student Welfare Board, University of
Pune (2011-12)

"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Date 03/01 / 2022

Student circular

It is here by inform to all students that one month certificate course (30Hrs) will be conducted during September to October Academic year 2021-22 At the end of the course all successful students will receive course completion certificate. No fees will be collected from the participant and the classes will be held daily between 9.00 am to 12.00 pm Interesting student can registered their name in link provided to you on your class what 's app group.

Prof. Jagtap S.J.

Course Coordinator

DEPARTMENT OF POLITICAL SCHMOF Art's, Science & Commerce Co Rahata, Dist. Ahmednaga Principal
1/C PRINCIPAL
Art's, Science & Commerce College
Rehata, Dist. Ahmednagar

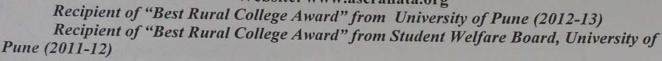
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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Human Rights Syllabus

Module Title Page No	Module Title
I	❖ A Meaning, Nature, Evolution and Importance of Human rights .Approaches to Human Rights -Western, Marxian and Third World.—
П	 United Nations and Human Rights – Universal Declaration – International Covenants as Civil and Political Rights, Social, Cultural and Economic Rights — Institutional Structures and implementation of Human Right
Ш	 Human Rights in India Constitutional Mandate, Political and Socio-Economic Rights Fundamental Rights and Directive Principles.
IV	❖ Instrumentalities for protecting Human Rights, Judiciary, National Human Rights Commission . The Media, Right to Information Act Rights Movements in India

Course Coordinator

Prof. S.J. Jagtap

DEPARTMENT OF POLITICAL SCIENCE Art's, Science & Commerce College Dahata, Dist. Ahmednagar Sub Expert

OA Coordinator

Principal 1/C PRINCIPAL

Art's Science & Commerce College Rahata Dist Ahmedinagar

Shirdi Sai Rural Institute's' ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA SPONSORED BY DEPARTMENT POLITICAL SCIENCE Admission open for

Certificate course in Human Right.....

- Duration Of The Course -1 Months (30 Hrs) Time -9AM TO 12 PM
- Starting From 4 Week of September
- Contacat Prof. Shubhangi .J. Jagtap

Asst.Professor & HOD

- * Mobile No 9370487915
- Venue –Arts, Science and Commerce College, Rahata Certificate course in Human Right......

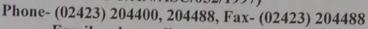
Presented by -Prof. Shubhangi .J. Jagtap

- Eligibility For Admition 12TH Passing
- * Medium Of The Course Marathi & English
- Objective Of The Course
- 1 To Information about Human Right and Duties
- 2 To Make the Student Aware Of Their Fundamental Right and Fundamental Dutis

*'Shirdi Sai Rural Institute's'*ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Time Table for Certificate course in Human Right.

Monday	Tuesday	Wednesday	Thursday	Fuidan	10.
9 Am	9 Am			-	Saturday
To	To			1	.9 Am
10 AM					To
10 Am	10 Am				10 AM
To					10 Am
11 AM	11 AM				To
11 Am	11 Am				11 AM
To .			1		11 Am
12 AM	12 AM	12 AM	10 12 AM	To 12 AM	To 12 AM
	9 Am To 10 AM 10 Am To 11 AM 11 Am To	9 Am To To To 10 AM 10 AM 10 Am To To 11 AM 11 AM 11 Am To To To	9 Am	9 Am 9 Am 9 Am 9 Am To To To To 10 AM 10 AM 10 AM 10 AM 10 Am 10 Am 10 Am 10 Am To To To To 11 AM 11 AM 11 AM 11 Am 11 Am 11 Am 11 Am To 12 AM 12 AM 12 AM 10 Am	9 Am 9 Am 9 Am 9 Am 9 Am 9 Am 10 Am

Boffef Prof. Jagtap S.J.

Course Coordinator
DEPARTMENT OF POLITICAL SCIENCE
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar

Principal I/C PRINCIPAL

Art's, Science & Commerce College Rahata, Dist. Ahmednagar 'Shirdi Sai Rural Institute's'

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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NAAC ACCRIDITED "B++" GRADE COLLEGE

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-

Recipient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/IQAC/2020-21/

Date: 05/01/2022

To, Prof. S. J. Jagtap,

Head, Dept. of Politics Arts, Science and Commerce College, Rahata

Subject: - Regarding an syllabus framing workshop.

Respected Madam,

With reference to above mention subject I am pleased to inform that you are cordially invited as a Resource person to the Add-on course on "Human Rights in Politics' syllabus framing workshop. This event will be organized at Department of Politics Arts, Science and Commerce College, Rahata And will be held on, Date: 05/01/2022 at 11.00 to 12.00 pm.

Please confirm your availability on or before 20/09/2021 by contacting gives by Emailing us at rahatacollege@rediffmail.com .

I/C PRINCIPAL

Art's, Science & Commerce College Rahata, Dist. Ahmednagar

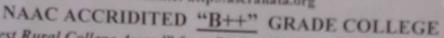
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Recieptent of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-

Reciepient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/IQAC/20221/ 22

Date: 05/01/2022

To.

Prof. L. M. Ghotekar, Dept. of l'olifical science Pvp College, Loni

> Subject: - Regarding to Resource person an invitation as for the syllabus framing workshop.

Dear Sir,

We are pleased to inform you are cordially invited to the syllabus framing workshop of Certificate course on "Human Rights in Politics" The workshop is scheduled on 5/01/2022, at 11.00 to 12.00 pm. in the college.

We sincerely hope that you will be able to attend syllabus framing workshop above date.

Yours Faithfully,

Prof S. V. Luhare

Art's, Science & Commerce College Rahata, Dist Ahmednagur

'Shirdi Sai Rural Institute's'

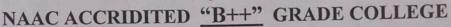
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Recipient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/IQAC/2020-21/

TO,

Prof. Dr.V.P.Bhalekar, IQAC Coordinator

Arts, Science and Commerce College, Rahata

Subject: - Regarding to Resource person an invitation as for the syllabus framing workshop.

Dear Sir,

We are pleased to inform you are cordially invited to the syllabus framing workshop of Certificate course on "Human Rights in Politics" The workshop is scheduled on 5/01/2022, at 11.00 to 12.00 pm. in the college.

We sincerely hope that you will be able to attend syllabus framing workshop above date.

Yours Faithfully,

Prof. S.PRILLahare

Art's, Science & Commerce College Rahata, Dist Anmednagar

Date: 05/01/2022

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA

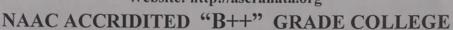


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Recipient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/IQAC/2020-21/

2120,2020 21

To,

Prof.Dr. E . Nirmal, Head, Dept. of Politics Arts, Science and Commerce College, Satral

Subject: - Regarding to Resource person an invitation as for the syllabus framing workshop.

Dear Sir,

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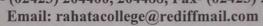
Art's, Science & Commerce College Rahata, Dist. Ahmeunagar

Date: 05/01/2022

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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Student List Certificate course in Human Right...(2021-22)...

S.R.	Student Name	10/1	11/1	12/1	13/1	14/1	15/1	17	18/1	19/1	20/1
1.	PUND VARSHA RAJENDRA	P	P	P	P	P	A	P	P	P	P
2.	GAIKWAD KMAL RANGANATH	P	A	P	P	P	P	P	P	P	P
3.	DANGE VISHAL SHANTARAM	P	P	P	A	P	A	A	R	P	P
4.	PAGARE RENATH APPASAHEB	A	P	P	P	P	P	P	P	P	A
5.	BOTHE AVISHKAR BALASAHEB	P	P	P	P	P	P	P	P	P	P
6.	BANSODE POOJA SOPAN	P	P	P	A	P	P	P	P	P	b
7.	CHAVHAN RAVN SHIVRAM	P	P	P	P	A	P	P	P	P	0
8.	DUSHING PRANJALI SUNIL	P	P	P	P	P	P	A	P	P	P
9.	CAUDHARI GOVIND VIKRAM	A	P	A	P	P	P	P	A	P	A
10.	DANGE PRASHANT BABASAHEB	P	A	P	P	P	P	P	P	P	P
11.	DANGE KRUSHNA MACHHINDRA	P	P	P	P	P	A	P	p	P	P
12.	DANGE BHUSHAN SAJRERAO	P	P	P	P	p	P	P	P	p	P
13.	BHALERAO MADHURI VIJAY	A	P	P	A	P	p	A	P	P	P
1.4.	DHUMASE ARCHANA NANASAHEB	P	A	P	P	A	P	p	P	P	0
15.	POKALE ROHINI GANGADHAR	P	P	P	P	P	A	P	0	P	6
16.	AANGRE AKSHADA CHANDRAKANT	P	P	P	A	P	P	P	A	P	1
17.	RANHINJ SUVARANA BALASAHEB	P	P	A	P	P	A	P	0		10
18.	BARE SAI BAPUSAHEB	P	A	P	P	p	P	P	P	A	F
19.	GANGURDE SUNIL NAMDEV	P	P	P	P	P	P	A	P	P	P
20.	BANSODE KARAN BHIMRAJ	P	P	P	P	P	P	P	T	P	P
21.	BANSODE PRASAD BALASAHEB	P	P	A	A	A	P	P	T	P	P
22.	BHALERAO PRADÍP SUBHASH	P	P	P	P	P	D	P	T	P	P
23.	DHAT POONAM VENKAT	A	A	P	P	0		5	P	P	A
24.	BHALERAO ANKITA VIJAY	P	P	P	A	P	A	-	A	P	P
25.	DHANVATE ABHISHEKH ANIL	P	A	P	P	P	P	1	P	A	P
26.	DHANVATE AISHWARYA SATISH	P	P	P	P	A		A	P	P	P
27.	GADKARAKASH LAXMAN	P	P	P	P	P	P	P	P	P	P
28.	RANWADE SUDARSHAN PUNJARAM	A	P	P	A	P	P	P	P	P	P

		0	N	0	0	P	P	p	P	P	p
29.	RANSHEVARE VARSHA ASHOK	P	P	P	P	D	P	P	P	P	A
30.	RAKHPASARE PREM PARASHRAM		5			0	0	D	P	0	P
31.	GANGURDE VARSHA BAGUL	A	T	A	A	P	P	b	0	0	p
32.	KHAMBEKAR ADITI SUBHASH	P	P	P	r	P	7	P	A	P	P
33.	LONDHE AISHWARYA BABASAHEB	P	A	P	P	F	P	0	D	n	P
34.	MATSAGAR ESHABALASAHEB	P		P		P	P	7	P	0	A
35.	NIKALE KSHITIJA SANDIP	A	P	P	P			A	P	P	P
36.	MUJMULE BHARAT SUDAM	P	P	h	P	A	A	P	P	p	P
37.	KHARPAS ROHIT SITARAM	P	P	P	P	P	P	P	P	P	0
38.	MUJMULE AAMIT BALASAHEB	P	P	P	P	P	7	P	P	n	P
39.	GUNJAL OMKAR AVIANSH	A	P	A	P	P	P	P	P	P	P
40.	LANDAGE ABHIJIT DNYANESHWAR	P	A	P	P	P	P			A	P
41.		P	P	P	P	A	1	A	A	P	P
42.	SONAWANE VISHAL VISHWANATH	P	P	A	P	P	A	P		P	P
43.	MAHAVIR RAVINDRA KARNAVAT	A	P	P	P	P	P	P	P	P	0
44	PAWAR AADINATH PRADIP	P	P	P	P	-	P	P	P	V	A
45	BANSODE ROHIT RAJENDRA	P	p	P	A	P		1		P	P
-	. MOKAL VIVEK BHIMRAJ	A	P	A	P	A	P	A	A	P	P
47		P	A	P	1	P	A	P	P	b	P
48	MURADE AAKSHAY BAPUSAHEB	P	P	A	A	B	P	0			P
49		P	P	P	P	P	/	P	P	A	
50	. SONAVANE SAINATH VIJAY	A	P	A	P	P	P	A	P	P	P
	AWARE RUPAM MACHHINDRA	P	p	D	P	P	P	P	A	p	P
51	ANNADE CANCUALI DDADUAKAD	A	P	0	P	P	P	P	P	P	P
52	DANKAD DDACHANT DUAIDAVNATH	P	A	P	P	P	P	A	P	A	P
53	DANKAD DUDECH EKNATH	P	P	P	P	A	P	p	p	P	p
	DUACAT CANECU DAVINDRA	P	P	P	P	P	P	P	A	P	P
	DULLIDAL DUANCUDI MANASAHER	P	P	P	P	P	P	P	P	P	P
	DULLIDAL DRANIALIACHOK	P	P	P	P	P	P	P	P	A	P
	DODUADE DOO IA DDAKASH	A	P	A	P	P	P	P	P	A	P
5		P	м	P	P			A	P	P	p
5	9. BORHADE VAISHNAVI SANJAY	P	A	P	P	A	P	P	A	P	P
6	0. BORSE SUJIT JAGANNATH	P	1	P	P	0	P	F	P	P	1
- 6	1. BOTHE RAVINA NAMDEV	P	100	P	P	P	P	P	P		A
	CHOLKE KOMAL BHIMRAJ	P	A	P			P	-	P	P	P
	3. CHOLKE NISHANT DILIP		P	P	A	P	P	P	P	P	
6	4. CHOLKE PRASAD BABASAHEB	A			P	A	A	A	P	-	P
6	5. GAIKWAD SOMESH ANTON	P	A	A	P	P	P	P	A	P	A
6	66. GAIKWAD VIDYA KAILAS	P	P	F	P	P	P	P		A	P
6	7. GAME ASHWINI NAVNATH			P	-	-		1	P	P	P
E	8. GAME ROHINI BABASAHEB	P	A	P	P	A	P	P	P	P	P
E	99. GAME RUDALI RAVSAHEB	P	P		P	P	P	P	P	P	1
-	70. GAVHANE SAURABH GANGADHAR	-	-	A	THE RESERVE AND DESCRIPTION OF THE PERSON.	P	A	P	P	P	P
	71. GIRE AKSHADA SARANGDHAR	A	P	P	A	P	1	P	A	P	P
	72. GORE MAHESH RAVINDRA	P	A	-		A	P	P	P	P	P
	73. HEKADE ABHIJIT SUSHEN		P	P		P	P	P	P	A	P
-	74. JAGTAP RAVINDRA RATAN	P	A	P	P	P	P	P	P	P	P
-	75. JANJAL SAINATH KISHOR	A	I		P	P	P	P	P	P	P

	A THE CANCELLY LAY	P	P	P	P	P	P	P	P	A	P
76.	ABUJ SAKSHI VIJAY		-	P	0	P	A	P	P	P	P
77.	AGRE PAVAN PRATAP	A	A		-	0	P	0	0	0	A
78.	ARANE SIDDHESH PRABHAKAR		P	A	H			7	0	0	P
79.	ARANE ABHISHEK BHAUSAHEB	P		P	P	P	A	P	P	0	P
80.	ASHTEKAR NARESH NANASAHEB	P	P	P	P	P	P	P	A	0	
81.	BRAMHANE AARTI GOKUL	P	P	P	P	P	P	A	P		P
82.	CHOLKE AJINKYA BALASAHEB	P	P	P	P	A	P	P	P	P	P
83.	GADEKAR POOJA SHARAD	P	P	P	P	P	P	P	P	P	P
84.	GADEKAR VISHAKHA RAVINDRA	A	P	P	P	P	P	P	P	P	A
85.	GADHAVE SANKET RAMNATH	P	P	A	P	p	P	P	A	A	P
86.	GADHAVE SHRADDHA JALINDAR	P	A	P	A	P	P	P	P	P	P
87.	GADHAVE VIDYA EKNATH	P	P	P	A	P	A	P	P	P	P
88.	GADHAVE VIJAY MACHHINDRA	P	P	P	P	P	P	A	P	p	P
89.	GADHE SAKSHI RAJENDRA	P	P	P	P	P	P	P	P	P	P
90	GAME GAURI LAXMAN	D	P	P	P	A	p	P	P	P	P
91	. GAME SARIKA ABASAHEB	P	A	P	A	P	P	b	A	P	P
92	. GANGAD SAPNA BHARAT	P	P	P	P	P	P	P	P	A	P
	. GAVANDE TUSHAR ASHOK	P	P	P	P	A	P	0	P	P	P
94	GAWANDE RENUKA RAJESH	P	P	A	A	P	P	P	P	P	P
95	GHORPADE KAVERI RAVSAHEB	A	P	P	P	P	A	P	P	P	A
96	GHORPADE SONALI DADA	P	P	P	P	P	P	A	A	A	P
97	7. GHORPADE TEJAS SANDIP	P	P	P	P	P	P	P	P	P	P
98	8. GUNJAL HRUTIK JIJABAPU	P	A	P	P	P	P	P	p	P	p
9	9. HINGE PRANJALI RAJENDRA	A	P	P	A	A	P	P	A	P	P
1	00. JADHAV MAYURI NILESH	P	P	A	P	P	A	P	P	A	P

Course coordinator

PARTMENT OF POLITICAL SCIENCE

S. Science & Commerce College

Tota, Dist.Ahmednagar

Principal I/C PRINCIPAL

Art's, Science & Commerce College Rahata, Dist Ahmednagar

Shirdi sai rural institutes Arts, Science Commerce Collage Rahata

Certificate course in Human Right

Department of political science

Academic Year 2021-22

Date -10/1/2022 To 20/1/2022

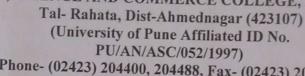
S.R	STUDENT NAME	
1.	GAIKWAD KOMAL RANGANATH	Guittout.
2.	DANGE VISHAL SHANTARAM	11. Schund
3.	PAGARE REVANATH APPASAHEB	De alles
4.	BOTHE AVISHKAR BALASAHEB	A.B. Bothe
5.	BANSODE POOJA SOPAN	Runsocle
6.	CHAVAN RAVAN SHIVRAM	C.R.S.
7.	DUSHING PRANJALI SUNIL	Duryling
8.	CHAUDHARI GOVIND VIKRAM	Churchari
9.	DANGE PRASHANT BABASAHEB	Dynage
10.	DANGE KRUSHANA MACHINDRA	Dunge
11.	DANGE BHUSHAN SARJERAO	Dunge.
12.	BHALERAO MADHURI VIJAY	Phelesoo
13.	DHUMASE ARCHANA NANASAHEB	Brelepoo
14.	POKALE ROHINI GANGADHAR	Pokeele_
15.	AANGRE ASHADA CHANDRAKANT	A A News
16.	RAHINJ SUVARNA BALASAHEB	Deurens
17.	BARE SAI BAPUSAHB	Benes.
18.	GANGURDE SUNIL NAMDEO	Gungurele
19.	BANSODE KARAN BHIMRAO	Brunsado
20.	BANSODE PRASAD BALASAHEB	Dunsode.
21.	BHALERAO PRADIP SUBHASH	Bheyenod
22.	DHAT POONAM VENKAT	Phut
23.	BHALERAO ANKITA VIJAY	Bluelezop
24.	DHANVATE ABHISHEKH ANIL	Danucete
25.	DHANVATE ASHWARYA SATISH	Ashrenya
26.	GADKARKASH LAXMAN	Gudkowkh
27.	RANWADE SUDARSHAN PUNJARAM	Remisionle
28.	RANSHEVARE VARSHA ASHOK	Burghewere
29.	RAKHPASARE PREM PARASHRAM	Book hange o
30.	GANGURDE VARSHA	Gelmound.
31.	KHAMBEKAR ADITI SUBHASH	Khumeline
32.	LONDHE AISHWARYA BALASAHEB	1 and a
33.	MATSAGAR ESHA BALASAHEB	matsugar,

DEPARTMENT OF POLITICAL SCIENCE Arts, Science & Commerce College Rahata, Dist. Ahmednagar

34.	NIKALE KSHITIJA SANDIP	K.S Olica
35.	MUJMULE BHARAT SUDAM	B.S.M.
36.	KHARPAS ROHIT SITARAM	R. K.S.
37.	MUJMULE AAMIT BALASAHEB	Myronule A.
38.	GUNJAL OMKAR AVIANSH	O. A. Guntal
39.	LANDAGE ABHIJIT DNYANESHWAR	Lendon A D
40.	PAWAR ATISH PRADIP	0.0
41.	SONAWANE VISHAL VISHWANATH	Sonowore.
42.	MAHAVIR RAVINDRA KARNAVAT	NO. Q V
43.	PAWAR AADINATH PRADIP	P
44.	BANSODE ROHIT RAJENDRA	Tanks 1-00
45.	MOKAL VIVEK BHIMRAJ	Bensoele P.12
46.	PAWAR SANNY KIRAN	Bank V-B.
47.	MURADE AAKSHAY BAPUSAHEB	Mewas.
48.	PAWAR ANIRUDHA PRAKASH	MI. H B.
49.	SONAVANE SAINATH VIJAY	Parourok
77.	CONAVANE SAMATH VIJAT	Sonewong
50.	AWARE RUPAM MACHHINDRA	
51.	AWARE SANCHALI PRABHAKAR	Auttoc
52.	BANKAR PRASHANT BHAIRAVNATH	Awares. P
53.	BANKAR RUPESH EKNATH	Berken
54.	BHAGAT GANESH RAVINDRA	Bun her R.E
55.	BHUJBAL DHANSHRI NANASAHEB	Bhujat
56.	BHUJBAL PRANJALI ASHOK	· Bhy sel. P.
57.	BORHADE POOJA PRAKASH	Bhujabal
58.	BORHADE VAISHNAVI SANJAY	P. R. Bolorid
		Borhade
59.	BORSE SUJIT JAGANNATH	about
60.	BOTHE RAVINA NAMDEV	Bothe R.N
61.	CHOLKE KOMAL BHIMRAJ	Dothe D
62.	CHOLKE NISHANT DILIP	Challe K.B.
63.	CHOLKE PRASAD BABASAHEB	C.P.B.
64.	GAIKWAD SOMESH ANTON	Cievalwerra,
65.	GAIKWAD VIDYA KAILAS	V. K. Cerudural
66.	GAME ASHWINI NAVNATH	A.N. Game
67.	GAME ROHINI BABASAHEB	(Go)
68.	GAME RUDALI RAVSAHEB	Gamer
69.	GAVHANE SAURABH GANGADHAR	
70.	GIRE AKSHADA SARANGDHAR	(seubarnet
71.	GORE MAHESH RAVINDRA	CIRCA.S.
72.	HEKADE ABHIJIT SUSHEN	PLKE IT
73.	JAGTAP RAVINDRA RATAN	Hexade A.S.
74.	JANJAL SAINATH KISHOR	SHOTH
75.	ABUJ SAKSHI VIJAY	Janjauls 12
76.	AGRE PAVAN PRATAP	V.S Ahuj
77.	ARANE SIDDHESH PRABHAKAR	HEARE
78.	ARANE ABHISHEK BHAUSAHEB	A.S. P
79.	ASHTEKAR NARESH NANASAHEB	ARANCA
80.	BRAMHANE AARTI GOKUL	N.N. Ashatche
00.	DIVAMINANE MAKTI GUNUL	Rhembenen

CEPARTMENT OF POLITICAL SCIENCE Arts, Science & Commerce College Rahata, Dist Ahmednagar

Shirdi Sai Rural Institute's'
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Phone- (02423) 204400, 204488, Fax- (02423) 204488 Email: rahatacollege@rediffmail.com

Website: www.ascrahata.org
Recipient of "Best Rural College Award" from University of Pune (2012-13)
Recipient of "Best Rural College Award" from Student Welfare Board, University of
Pune (2011-12)

"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Date: 21/01/2022

Feedback Report Certificate course of Human Right.

Total 100 student were participated in the Human Right Certificate course .57.5% student were responded the Human Right Certificate course was very good. 42.5% student were responded course content is good. 75.2% student were responded the course coordinator is Excellent .19.7% student says course coordinator was very good .3.1% says course coordinator was good. 2.3. %student says course coordinator was average 55.7% student was very satisfied about Human Right Certificate course 40.3 %student satisfied and 4.% student was what satisfied.

Prof. S.J. Jagtap

Course Coordinator
COURSE COORDINATOR
COMMENCE COMMENCE COME
Sanata, Dist. Ahmednagar

Principal
I/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist. Ahmednager

Certificate course of Human Right

Scheme of Examination:-

- 1. Candidate should fully interact in the class programmes.
- 2. Candidate should compulsorily have 85 percent attendance.
- 3. Candidate should complete and submit about 4 to 6 assignments, which will be given to him/her. 4.

Candidate should actively participate in simulation and role play exercises.

5. Theory - One Paper - 100 Marks

Pattern of Question Paper:

There will be 15 questions having one option each for 75 marks each and five question on short notes will be of 25 marks (1 short notes out of six).

Passing Standard - 40 Marks out of 100.

40% to less than 60% will be Second Class

60% to less than 70% will be First Class

70% and above will be Distinction class

In case the student fails, he/she should appear for theory papers. Passed students will get certificate after successful completion of the course.

'Shirdi Sai Rural Institute's' ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA

Subject - Certificate course in Human Right

Class- FYBA, FYBCOM, FYBSC

Total Marks -100

Date 20 January 2022

Time -11 To 1.00

QUA-1 Write the correct option for e (प्रत्येक प्रश्नाचे योग्य उत्तर		(75)
1) Universal Declaration	of Human Right is a [मानवी हक्कांची घोषणा म्हणजे]	[]
A] Declaration add	opted by several National at an international confere	ence
B] Multilateral tre	aty	
C] UN Security co	uncil resolution	
D] UN general Asse	embly Resolution	
2] The 'Universal Declarati	on of Human Right 'was adopted by the Un General	Assembly in the
Year[राष्ट्रीय मा	नवाधिकाराची घोषणा कधी केली]	[]
A] 1948	B] 1946	
C] 1945	D] 1966	
3] When was UN Commiss	ion on Human Rights establish	[]
[मानवाधिकार आयो	गाची स्थापना कधी झाली]	
A] 1946	B] 1950	
C] 1949	D] 1948	
4] When was the National	Human Right Commission Constituted?	
राष्ट्रीय मानवाधिकारा	ची स्थापना कधी झाली]	
A] 1992	B] 1995	
C] 1996	D] 1993	
5] The first country to allow	voting right for all groups of people was	[]
लोकांच्या सर्व गटाला म	तदानाचा अधिकार देणारा पहिला देश	
A] USA	B] Russia	
C] India	D] New Zealand	

How many articles in th	e Protection of Hu	man Right ACT	1 1
[मानवी हक्क सुरक्षित	न कायद्यात किती क	न्त्रमे आहेत	
A] 50	B] 40		
C] 28	D] 31		
7] Who appoint the cha	irman of the NHRC	[कोण NHRC चे अध्यक्ष नियुक्त करतात	1 []
A] Prime minist		B] President of India	
C] Supreme cou	art chief justice	D] None of these	
8] The Universal Decla हक्कची	ration of Human Rip सर्वित्रिक घोषणा LA	ght ,a Landmark document was adopte NDMARK कशात स्वीकारली होती]	ed by [मानवी []
A] UNO	B] UNICEF		
C] UNESCO	D] Int	ernational court of justice	
9] The Universal Declar	ration of Human Rig	ght was adopted by united nation on [편	ानवी हक्कची
सर्वित्रिक घोषा	णा कधी स्वीकारली	होती	[]
A] 10 Decemb	per 1948 B]	10 December 1946	
C] 1 August 1	.950 D] 15 September 1945	
10] Human Right Day	is observed on [मान	वि हक्क दिन साजरा केला जातो.]	[]
A] 10 th Dece	ember	B] 10 th October	
C] 1st August	1950	D] 15 th September 1945	
11] When was the In	ternational year for	Human Right?	[]
[आंतरराष	ट्रीयमानवी हक्क दिन	साजरा केला जातो	
A] 1992	B] 1995	5	
C] 1996	D] 196	8	
12] What is the retir	ement age of the c	hairman of the NHRC?	[]
NHRC च्या 3	नध्यक्षाच्या निवृत्तीचे	वय काय आहे	
A] 55	B] 60		
C] 70	D] 65		

13] Wh	o should be the chairm	an of the NHRC	[NHRC चे अध्यक्ष कोण असावेत]	[]
	A] Supreme court Jud C] Supreme court chie		B] High court chief justice D] none of these	
14] Ho सदस्य आहेत	w many members are in	n the MHRC inclu B] 4	uding the Chairman [MHRC अध्यक्ष र	हित किती
	C] 7	D] 5		
15]W	here was the first confe	rence on Woma	n held [पहिली महिला परिषद कोठे झार्ल	1] []
	A] Nairobi	B] Mexico ci	ty	
Qua-2)Write	C] Copenhagen short answers to each	D] Beijing question (प्रत्येक	प्रश्नाचे थोडक्यात उत्तरे लिहा)	(25)
	1] Define RTI ACT [आरर्ट	ोआय कायद्याची	व्याख्या सांगा]	
ANS.				
			sion [राष्ट्रीय मानवाधिकार आयोग म्हणउ	ो काय]
ANS				
आयोगाचे सध्य	ho is the current chairma प्राचे विद्यमान अध्यक्ष कोण	ा आहेत]	l Human Right Commission? [राष्ट्रीय म	
मानवाधिकार :	आयोग अध्यक्षचा कार्यकाल	किती असतो]	national Human Right Commission? [र	 ाष्ट्रीय
ANS-	·			
 5] W मानवाधिकार	'hen change have been n आयोग कायद्यात कधी बद	nade in the Natio ल करण्यात आले	nal Human Right commission ACT [राष्	ट्रीय
ANS				

'Shirdi Sai Rural Institute's' ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA

Subject - Certificate course in Human Right Class- FYBA, FYBCOM, FYBSC

Total Marks -100

Date 20 January 2022 Time -11 To 1.00 84 Doyler

QUA-1	Write the correct option for (प्रत्येक प्रश्नाचे योग्य उत्त		(75)
	1) Universal Declaration	of Human Right is a [मानवी हक्कांची घोषणा म्हणजे]	[7]
	A] Declaration ac	lopted by several National at an international conferen	ce
	B] Multilateral tr	eaty	
	C] UN Security c	ouncil resolution	
	D] UN general As	sembly Resolution	
	2] The 'Universal Declara	tion of Human Right 'was adopted by the Un General A	ssembly in the
	Year[राष्ट्रीय म	गानवाधिकाराची घोषणा कधी केली]	[A]
	A] 1948	B] 1946	
	C] 1945	D] 1966	
	3] When was UN Commis	ssion on Human Rights establish	[A],
	[मानवाधिकार आ	योगाची स्थापना कधी झाली]	
	A] 1946	B] 1950	
	C] 1949	D] 1948	
	4] When was the Nationa	Il Human Right Commission Constituted?	[P]
	राष्ट्रीय मानवाधिका	राची स्थापना कधी झाली]	
	A] 1992	B] 1995	
	C] 1996	D] 1993	
	5] The first country to allo	ow voting right for all groups of people was	[\$]
	लोकांच्या सर्व गटाला	मतदानाचा अधिकार देणारा पहिला देश	131
	A] USA	B] Russia	
	C] India	D] New Zealand	

D] New Zealand

6] How many articles in the Prot	ection of Human Right ACT	[7]
[मानवी हक्क सुरक्षित कायव		
	B] 40	
A] 50	D] 31	
C] 28	of the NHRC [कोण NHRC चे अध्यक्ष नियुक्त करतात]	[B]
	B] President of India	
A] Prime minister	Calcana.	
C] Supreme court chie		ov [मानवी
8] The Universal Declaration (हक्कची सर्वित्रिव	of Human Right ,a Landmark document was adopted b ह घोषणा LANDMARK कशात स्वीकारली होती]	[A]
A] UNO	B] UNICEF	
C] UNESCO	D] International court of justice	A
9] The Universal Declaration o	f Human Right was adopted by united nation on [मानव	श हक्कचा
सर्वित्रिक घोषणा कधी		[A]
A] 10 December 194	8 B] 10 December 1946	
C] 1 August 1950	D] 15 September 1945	
10] Human Right Day is obse	rved on [मानवी हक्क दिन साजरा केला जातो.]	[A]
A] 10 th December	B] 10 th October	
C] 1 st August 1950	D] 15 th September 1945	
11] When was the Internation	nal year for Human Right?	(p)_
	ी हक्क दिन साजरा केला जातो	
A] 1992	B] 1995	
C] 1996	D] 1968	
12] What is the retirement a	age of the chairman of the NHRC?	[D]
NHRC च्या अध्यक्षाच्य	ा निवृत्तीचे वय काय आहे	
A] 55	B] 60	
C] 70	D] 65	

13	1 Who sh	ould be the chairma	n of the NHRC [NHRC चे अध्यक्ष कोण असावेत]	[0]
	A]	Supreme court Jud Supreme court chief	ge	B] High court chief justice D] none of these	1000
14	4] How m	nany members are in	the MHRC incl	uding the Chairman [MHRC अध्यक्ष सहि	हेत किती
सदस्य आहे		4] 6	B] 4		[70]
	C]	17	D] 5		
1	5] Where	e was the first confer	rence on Woma	n held [पहिली महिला परिषद कोठे झाली]	[B]
	А] Nairobi	B] Mexico o	city	
		[] Copenhagen	D] Beijing		
Qua-2)	Write sho	ort answers to each	question (प्रत्येव	म प्रश्नाचे थोडक्यात उत्तरे लिहा) (2	25)
	1] D	efine RTI ACT [आरर्ट	ोआय कायद्याची	व्याख्या सांगा]	
	ANS				
<u> चंत्र</u>				ission [राष्ट्रीय मानवाधिकार आयोग म्हणजे (14)२) ८५५ २-थ ते २१ व विद्य गॅर्का वर्ष 1993 ला इनानी हो	
आयोगारं 3	वे सध्याचे	विद्यमान अध्यक्ष कोप	ग आहेत]	nal Human Right Commission? [राष्ट्रीय) मार्	
मानवारि	4] What	is the tenure of the ोग अध्यक्षचा कार्यकाल	chairman of the	e national Human Right Commission? [যাৰ্	
मानवार्ष	धेकार आर	n change have been योग कायद्यात कधी ब २० डिस्ट्रे <u>19</u> 92	दल करण्यात आव	tional Human Right commission ACT [राष्ट्री ले]	रीय

'Shirdi Sai Rural Institute's' ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA

Subject - Certificate course in Human Right Total Marks -100 Class- FYBA, FYBCOM, FYBSC

80 Boytel

Date 20 January 2022 Time-11 To 1.00

	Name . N. M. C. M. D. C. S.	aria da	951
QUA-1	Write the correct option for each qu (प्रत्येक प्रश्नाचे योग्य उत्तर लिहा)		(75)
	1) Universal Declaration of Hui	man Right is a [मानवी हक्कांची घोषणा म्हणजे]	[D] V
		by several National at an international conference	
	B] Multilateral treaty		
	C] UN Security council	resolution	
	D] UN general Assembly		
	2] The 'Universal Declaration of	Human Right 'was adopted by the Un General Asser	nbly in the
	Year[राष्ट्रीय मानवाधि	काराची घोषणा कधी केली]	[A] V
	A] 1948	B] 1946	
	C] 1945	D] 1966	
	3] When was UN Commission o	n Human Rights establish	[A]
	[मानवाधिकार आयोगाची	स्थापना कधी झाली]	
	A] 1946	B] 1950	
	C] 1949	D] 1948	
	4] When was the National Hum	an Right Commission Constituted?	[D] ~
	राष्ट्रीय मानवाधिकाराची स	थापना कधी झाली]	
	A] 1992	B] 1995	
	C] 1996	D] 1993	
	5] The first country to allow vo	ting right for all groups of people was	[D]
	लोकांच्या सर्व गटाला मतदा	नाचा अधिकार देणारा पहिला देश	
	A] USA	B] Russia	
	C] India	D] New Zealand	

of How many articles in the Protect	tion of Human Right ACT	
[मानवी हक्क सुरक्षित कायद्या	त किती कलमे आहेत	
A] 50 B]	40	
C] 28] 31	
7] Who appoint the chairman of t	he NHRC [कोण NHRC चे अध्यक्ष नियुक्त करतात]	[8]
A] Prime minister	B] President of India	
C] Supreme court chief ju	stice D] None of these	
	uman Right ,a Landmark document was adopted by षणा LANDMARK कशात स्वीकारली होती]	[मानवी
A] UNO B	UNICEF	
C] UNESCO	D] International court of justice	
9] The Universal Declaration of Hu	man Right was adopted by united nation on [मानवी	हक्कची
सर्वित्रिक घोषणा कधी सर्व	ोकारली होती	101%
A] 10 December 1948	B] 10 December 1946	
C] 1 August 1950	D] 15 September 1945	
10] Human Right Day is observed	on [मानवी हक्क दिन साजरा केला जातो.]	[A]
A] 10 th December	B] 10 th October	
C] 1 st August 1950	D] 15 th September 1945	
11] When was the International y	ear for Human Right?	[D]
[आंतरराष्ट्रीयमानवी हक	क दिन साजरा केला जातो	Grand In
A] 1992	3] 1995	
, C] 1996	0] 1968	
12] What is the retirement age of	the chairman of the NHRC?	[D]
NHRC च्या अध्यक्षाच्या निवृ	त्तीचे वय काय आहे	
A] 55 B] 60	
C] 70 D] 65	

13] WI	no should be the chairm	nan of the NHRO	[NHRC चे अध्यक्ष कोण असावेत]	101
	A] Supreme court Ju C] Supreme court chie		B] High court chief justice D] none of these	
14] Ho	w many members are i	in the MHRC inc	luding the Chairman [MHRC अध्यक्ष सहि	त किती
सदस्य आहेत	A] 6	B] 4		[D]
	C] 7	D] 5		
15] W	here was the first confe	erence on Woma	an held [पहिली महिला परिषद कोठे झाली]	[B]
	A] Nairobi	B] Mexico o	city	
	C] Copenhagen	D] Beijing		
Qua-2)Write	e short answers to each	question (प्रत्येव	प्रश्नाचे थोडक्यात उत्तरे लिहा) (25	5)
	1] Define RTI ACT [आर	टीआय कायद्याची	व्याख्या सांगा]	
ANS				<i>A</i>
statu Act	The National tory body H passed in d	Hyman Lat was Le Parlia	ission [राष्ट्रीय मानवाधिकार आयोग म्हणजे क Bight Commission is Conshituded by the arment al Human Right Commission? [राष्ट्रीय मानव	
	याचे विद्यमान अध्यक्ष कोप		The commission of the commissi	1114411
			lituted for the appoi	
3 of.	the Chairma	n of the	National Human R	ghts
	/hat is the tenure of the o आयोग अध्यक्षचा कार्यकाल		national Human Right Commission? [राष्ट्रीः	य
			airaman of the Nation	
3 H1	man Rights	commis	sion for five year or	70 Year
	/hen change have been n आयोग कायद्यात कधी बद		onal Human Right commission ACT [राष्ट्रीय]	
ANS	The National	Human	Rights commission	
4 A.C	t has been c	hanged	in 2006.	

Shirdi Sai Rural Institute's' ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA

Certificate course in Human Right Department of political science Test Mark List

	Student Name	Marks
S.R.		76
1.	PUND VARSHA RAJENDRA	63
2.	GAIKWAD KOMAL RANGANATH	44
3.	DANGE VISHAL SHANTARAM	48
4.	PAGARE RENATH APPASAHEB	
5.	BOTHE AVISHKAR BALASAHEB	79
6.	BANSODE POOJA SOPAN	82
7.	CHAVHAN RAVN SHIVRAM	85
8.	DUSHING PRANJALI SUNIL	80
9.	CAUDHARI GOVIND VIKRAM	90
10.	DANGE PRASHANT BABASAHEB	56
11.	DANGE KRUSHNA MACHHINDRA	76
12.	DANGE BHUSHAN SAJRERAO	63
	BHALERAO MADHURI VIJAY	44
13.	DHUMASE ARCHANA NANASAHEB	48
14.	POKALE ROHINI GANGADHAR	79
15.	AANGRE AKSHADA CHANDRAKANT	82
16.	RANHINJ SUVARANA BALASAHEB	85
17.	BARE SAI BAPUSAHEB	80
18.	GANGURDE SUNIL NAMDEV	90
19.	BANSODE KARAN BHIMRAJ	78
20.	BANSODE PRASAD BALASAHEB	70
21.	BHALERAO PRADIP SUBHASH	82
22.	DHAT POONAM VENKAT	75
23.	BHALERAO ANKITA VIJAY	70
24.	DHANVATE ABHISHEKH ANIL	72
25.	DHANVATE AISHWARYA SATISH	70
26.	GADKARAKASH LAXMAN	55
27.	RANWADE SUDARSHAN PUNJARAM	58
28.	RANSHEVARE VARSHA ASHOK	78
29.	RAKHPASARE PREM PARASHRAM	74
30.	GANGURDE VARSHA BAGUL	72
31.	KHAMBEKAR ADITI SUBHASH	80
32.	LONDHE AISHWARYA BABASAHEB	85
33.	MATSAGAR ESHABALASAHEB	82
34.	NIKALE KSHITIJA SANDIP	89
35.	MUJMULE BHARAT SUDAM	82
36.	KHARPAS ROHIT SITARAM	81
37.	MUJMULE AAMIT BALASAHEB	75
38.	MUJNULE AANIT BALASAILED	74
39.	GUNJAL OMKAR AVIANSH LANDAGE ABHIJIT DNYANESHWAR	78
40.	LANDAGE ABRIJIT DIVIANESHWAR	10

	PAWAR ATISH PRADIP	65
41.	SONAWANE VISHAL VISHWANATH	45
42.	MAHAVIR RAVINDRA KARNAVAT	82
43.	PAWAR AADINATH PRADIP	84
44.	PAWAR AADINATITIKADII	81
45.	BANSODE ROHIT RAJENDRA	49
46.	MOKAL VIVEK BHIMRAJ	82
47.	PAWAR SANNY KIRAN MURADE AAKSHAY BAPUSAHEB	92
48.	MURADE AAKSHAY BAPUSAHED	55
49.	PAWAR ANIRUDHA PRAKASH	70
50.	SONAVANE SAINATH VIJAY	76
51.	AWARE RUPAM MACHHINDRA	74
52.	AWARE SANCHALI PRABHAKAR	71
53.	BANKAR PRASHANT BHAIRAVNATH	72
54.	BANKAR RUPESH EKNATH	73
55.	BHAGAT GANESH RAVINDRA	74
56.	BHUJBAL DHANSHRI NANASAHEB	56
57.	BHUJBAL PRANJALI ASHOK	65
58.	BORHADE POOJA PRAKASH	62
59.	BORHADE VAISHNAVI SANJAY	63
60.	BORSE SUJIT JAGANNATH	42
61.	BOTHE RAVINA NAMDEV	61
62.	CHOLKE KOMAL BHIMRAJ	
63.	CHOLKE NISHANT DILIP	56
64.	CHOLKE PRASAD BABASAHEB	46
65.	GAIKWAD SOMESH ANTON	25
66.	GAIKWAD VIDYA KAILAS	63
67.	GAME ASHWINI NAVNATH	55
68.	GAME ROHINI BABASAHEB	
69.	GAME RUDALI RAVSAHEB	56
70.	GAVHANE SAURABH GANGADHAR	63
71.	GIRE AKSHADA SARANGDHAR	68
72.	GORE MAHESH RAVINDRA	89
73.	HEKADE ABHIJIT SUSHEN	56
74.	JAGTAP RAVINDRA RATAN	54
75.	JANJAL SAINATH KISHOR	70
76.	ABUJ SAKSHI VIJAY	75
77.	AGRE PAVAN PRATAP	72
78.	ARANE SIDDHESH PRABHAKAR	82
79.	ARANE ABHISHEK BHAUSAHEB	84
80.	ASHTEKAR NARESH NANASAHEB	89
81.	BRAMHANE AARTI GOKUL	86
82.	CHOLKE AJINKYA BALASAHEB	59
83.	GADEKAR POOJA SHARAD	87
	GADEKAR VISHAKHA RAVINDRA	73
84.	GADHAVE SANKET RAMNATH	74
85.	GADHAVE SHRADDHA JALINDAR	46
86.	GADHAVE VIDYA EKNATH	75
87.	GADHAVE VIJAY MACHHINDRA	45
88.	GADHE SAKSHI RAJENDRA	56

90.	GAME GAURI LAXMAN	52
91.	GAME SARIKA ABASAHEB	53
92.	GANGAD SAPNA BHARAT	65
93.	GAVANDE TUSHAR ASHOK	45
94.	GAWANDE RENUKA RAJESH	39
95.	GHORPADE KAVERI RAVSAHEB	55
96.	GHORPADE SONALI DADA	74
97.	GHORPADE TEJAS SANDIP	70
98.	GUNJAL HRUTIK JIJABAPU	71
99,	HINGE PRANJALI RAJENDRA	72
100.	JADHAV MAYURI NILESH	73

Course coordinator

Prof. S.J.Jagtap
HEAD

DEPARTMENT OF POLITICAL SCIENCE
Art's, Science & Commerce Concess
Rohata, Dist. Ahmednagar

EXPECTED OUT COME-

After the completion of the course, we shall expect the following result

- 1. The student Will be able to take active part in social, political, economic & cultural activities with responsibility
- 2. This will be on additional advantage to teacher's lawyers, social workers, doctor's ets
- 3 .It will encourage the students to further study in human rights
- 4. The certificate course in human Rights and duties Education is meant for student and specific target groups such as civil segments, low enforcement personal, NGO /Social Action Group.

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT POLITICAL SCIENCE

Certificate course Of Human Right

10/1/2022 TO 20/1/2022

Feedback Form

37				the state of the s
Name of the student	Myjamyle	Bharut	Sydam	
	1 1 1 1 7 9 1 2	P/19001	<u> </u>	Control of the last of the las

Please rate your Course based on the following criterion

Sr.	Feedback	Strong agree	Agree	Unsure	Disagree	Total
1	Objective of the course was clear				HILL	
2	The level of the course was good	1				
3	The course exposed you to new knowledge and practices		L			
4	I learned skills/concept that I will be	1				-
4	I learned skills/concept that I will be able to apply when working					
5	The teaching aids were effective used	V				
6	The instructors encouraged interaction and were helpful			No.		

Student signature

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

DEPARTMENT POLITICAL SCIENCE

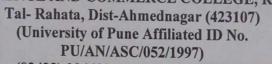
Certificate course Human Right Assessment Report

DATE- 10/01/2022 TO 20/01/2022

Please rate your Course based on the following criterion

Sr.	Feedback	Strong agree	Agree	Unsure	Disagree	Total
1	Objective of the course was clear	66	38	02	00	100
	The state of the s	60%	38%	02%	00	100%
2	The level of the course was good	60	39	01	00	100
		60%	39%	01%	00	100%
3	The course exposed you to new	75	20	05	00	100
	knowledge and practices	75%	20%	05%	00	100%
4	I learned skills/concept that I will	77	18	03	02	100
	be able to apply when working	77%	18%	03%	02%	100%
5	The teaching aids were effective	64	31	05	00	100
used	64%	31%	05%	00	100%	
6	The instructors encouraged	72	24	03	01	100
	interaction and were helpful	72%	24%	03%	01%	100%

Shirdi Sai Rural Institute's'
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Phone- (02423) 204400, 204488, Fax- (02423) 204488

Email: rahatacollege@rediffmail.com Website: www.ascrahata.org

Recipient of "Best Rural College Award" from University of Pune (2012-13)
Recipient of "Best Rural College Award" from Student Welfare Board, University of
Pune (2011-12)

"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Date: 22/01/2022

Feedback Report Certificate course of Human Right

Total 100 student were participated in the Human Right Certificate course .60% student were responded the Human Right Certificate course was very good. 75% student were responded course content is good. 77% student were responded the course coordinator is Excellence.38 % student says course coordinator was very good .39% says course coordinator was good. 20 %student says course coordinator was average 77% student was very satisfied about Human Right Certificate course 05 %student satisfied and 1 % student was what satisfied.

Prof. S.J.Jagtap

Course Coordinator

I/C PRINCIPAL

Art's, Science & Commerce College
Rahata, Dist Ahmednagar.



ARTS, SCIENCE & COMMERCE COLLEGE, RAHATA

(3)

Tal- Rahata, Dist- Ahmednagar-423 107
NAAC Re-accredited B++ Grade College

"Certificate Course on " Human Right"

Organized by

IQAC& Department of Political Science



This is to certify that Gaikwad Komal Ranganath has actively participated "Certificate Course on Human Right" held from 10th to 20th January 2022, organised by IQAC & Department of Political science of Arts, Science and Commerce College, Rahata.

Prof.Jagtap.S.J

Hed.of .Dept. Political science

Prof.S.V.Lahare I/CPrincipal

Report on Human Right course

Department of Political Science
Date: 21/01/2022

The Department of Political Science of Arts, Science and Commerce College, Rahata introduced a certificate course on Human Right Basic Concept of fundamental right and Human Rights Education of law of rights, its history ,theory ,etc This course aims to give the student basic .Education is necessary to develop human Personality and it is helpful to strength human rights & fundamental freedom of the individual .this article accentuates on the importance of human rights education in a student's career .The course was designed with the purpose of introducing the Indian constitution fundamental rights and fundamental duties .

The Department of Political Science offered a 30 hour Human Right course for the first semester all college student of Batch 2021-2022 from 10 January2022 to 20 January2022 An examination was held on 20 January2022 , Thursday between 11 am to 1 pm to assess the knowledge they acquired from the course. The Question Paper include objective from 4 Modules There will be 15 questions having one option each for 75 marks each and five question on short notes will be of 25 marks (1 short notes out of six). Passing Standard - 40 Marks out of 100 All the student clear the test in case the student fails, he/she should appear for theory papers. Passed students will get certificate after successful completion of the course.

All student actively participated in the course and all the lectures were very useful and information for them. Total students have been participated in course and successfully completed the Course . This certificate course is definitely useful to the student for their future Purpose

The department of Political Science is very Thankful to dire. Principal, vice principal Sub Expert IQAC Coordinator of the A.S.C.College Rahata for Providing permission and making availability of learning resources at various stages of course

Prof Shubhangi Jagtap

COURSE END inator

RETMENT OF POLITICAL SCIENCE

Science & Commerce College

anata, Dist. Ahmednagar

Arts, Science & Commerce College
Rehala, Dist. Ahmednagar

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

Marathi and History Department Organize a Training Programme on

ModiLipi

Date: 24th March 2022 to 30th April, 2022

Index

Sr. No.	Name of the Documents	Remark
1	Principal Permission Letter	1
2	Invitation resource Person Letter	1
3	Syllabus Framing Letter	1
4	Table Program	1
5	Students Notice	1
6	Staff Notice	1
7	Participants Original List	1
8	Participants Feedback	1
9	Report	1
10	Photographs	1

Prof. A.B. Mate/ Dr. S. B. Kadam

History and Marathi Department

Arts, Science and Commerce College, Rahata

To,

The Principal,

Arts, Science and Commerce College, Rahata

Mar John 2000

Subject- Regarding seeking permission to organize "Training Programme on Modi Lipi"

Dear Sir,

With reference to the above mentioned subject, I would like to request you grant permission to organize "Training Programme on Modi Lipi" under the History and Marathi Department. We would like to conduct the Programme on 25th to 30th April 2022, at 8.30 to 10.30 am onwards.

Thank you,

Dr-S& Know Yours sincerely 4 B

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997)

Phone- (02423) 204400, 204488, Fax- (02423) 204488

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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"



Shri Mahesh Joshi,

President.

Vasundhra bhasha Modi Lipi sanvrdhan and Research Center Pune

Subject: - An invitation as a Training Progarmme

Dear Sir,

We at Arts, Science and Commerce College, Rahata are organizing a Training Progarmme on "Modi Lipi" under History and Marathi Department, on 25th April 2022, Monday at 09.00 am in the seminar hall of our college. You are cordially invited as a Training Progarmme. You are requested to guide our College Students.

We look forward to your positive response in this regard,

evived

Thank you,

Yours Faithfully,

I/C Principal
Art's, Sci. & Comm. College

Ranata

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist- Ahmednagar (423107)
(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)
Phone- (02423) 243892, 242488, Fax- (02423) 242488
Email: rahatacollege@rediffmail.com
Website: http://pravarassri.org.in



"NAAC ACCREDITED "B++" GRADE COLLEGE"

Recipient of "Best Rural College Award" from University of Pune (2012-13)
Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Ref: ASCCR/2021-22

Date -21/03/2022

To,
Prof. Anil Mate,
Head, Dept. of History,
Arts, Science and Commerce College, Rahata

Subject: Regarding an invitation as a subject expert for syllabus framing workshop...

Dear Sir,

We are pleased to inform that you are cordially invited to the syllabus framing workshop of a certificate course on "Modi Script" as a Subject Expert which will be held in April, 2022 by our college. The workshop is scheduled on 22/03/2022, Friday at 11:00 am. in the Department of History.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop.

We look forward to your presence.

Thanking you,

PRINCIPAL

Art's Science & Commerce College Rahata, Tal.Rahata, Dist.A.Nagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Ref: ASCCR/2021-22

Date -21/03/2022

To,

Dr. Kadam Sanjay, Head, Dept. of History, Arts, Science, and Commerce College, Rahata

Subject: Regarding an invitation as a subject expert for syllabus framing workshop...

Dear Sir,

We are pleased to inform that you are cordially invited to the syllabus framing workshop of a certificate course on "Modi Script" as a Subject Expert which will be held in March/April, 2022 by our college. The workshop is scheduled on 22/03/2022, Friday at 11:00 am. in the Department of History.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop.

We look forward to your presence.

Thanking you,

Principal

PRINCIPAL
Art's Science & Commo College
Rahata Tal Rabata Com A Nagal

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997)

Phone- (02423) 204400, 204488, Fax- (02423) 204488

Email: rabatacollege@rediffmail.com

Web ite: www.ascrahata.org

Recipient of "Best Rural College Award" from University of Pune (2012-13)

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

"NAAC RE-ACC!" EDITED "B++" GRADE COLLEGE"

ASCCR/H.M.D/2021-22/

TO,

Shri Mahesh Joshi,

President,

Vasundhra bhasha Modi Lipi sanvrdhan and Research Center Pune

Subject: Appreciation letter...

Dear Sir,

reerveel

I am very glad to appreciate you presence at the under the Modi Lipi Training Programme organized by History and Marathi Department of Arts, Science and Commerce College, Rahata. You remained present for the function in our college and guided our students on career opportunities.

I deeply appreciate your approach to look at the skills and your way of communication

Yours Faithfully,

Date: 30/04.2022

I/C Principal

Rahata

SSRI's

ARTS, SCIENCE, AND COMMERCE COLLEGE, RAHATA

Department of History and Marathi

Modi-Lipi Training Program

Syllabus

Objectives:

- 1. To introduce Modi script to the students.
- 2. To provide students new business opportunities in Modi script.
- 3. To impart the knowledge of Modi script under this training.
- 4. To aware students about the economic development through this training programme.

Syllabus

Sr. No.	Name of the Chapter	Lectures
1	History, Introduction and uses	03
2	Barakhadi- Vowel and Consonants, Words	03
3	Joint words and Abbreviations	03
4	Types of Modi documents	02
5	Study of Modi papers	02
6	Reading – Modi script	03
7	Date of documents: a) Arabic Numerals	03
	b) Months	
	c) Days	The state of the
8	Shak-Hijri, Fasali and Coronation documents	03
9	Paragraph Writing	05
10	Written Examination	03
	To	otal = 30

Head

HEAD

EPARTMENT OF HISTORY

's Science & Commerce College

DEPARTMENT OF MARATHI Art's, Science & Commerce College Rahata, Dist. Ahmednagar Principal Principal

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

SSRI's

ARTS, SCIENCE, AND COMMERCE COLLEGE, RAHATA

Department of History and Marathi

Modi-Lipi Training Program

Syllabus

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	b) Months	
	c) Days	
8	Shak-Hijri, Fasali and Coronation documents	03
9	Paragraph Writing	05
10	Written Examination	03
PHILIP	To	otal = 30

DEPARTMENT OF HISTORY
Art's, Science & Commerce College
Rahata, Dist, Ahmedna

DEPARTMENT OF MARATHI Art's, Science & Commerce College Rahata, Dist. Ahmednagar

Principal Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA

And

History and Marathi Department

Modi Lipi Workshop

Date- 18/04/2022

STUDENT NOTICE

All the students of Arts, Science and Commerce College, Rahata are informed that History and Marathi Department is organizing a "Modi Lipi" on 25/04/2022 to 30/04/2022 at 08.30am to 10.30 am in the History Department of the college. There will be session on Modi Lipi.

HOD

Dept. of Marathi

HOD

DEPARDEDE NOT Alisto ORY 4rt's, Science & Commerce Colleg-Rahata, Dist. Ahmednagar. Principal

Art's, Sci & Comm College
Robata

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA

And

History and Marathi Department

Modi Lipi Workshop

Date- 20/04/2022

STAFF NOTICE

All the faculty members of Arts, Science and Commerce College, Rahata are informed that History and Marathi Department is organizing a "Modi Lipi" on 25/04/2022 to 30/04/2022 at 08.30am to 10.30 am in the History Department of the college. There will be session on Modi Lipi.

HOD

Dept. of Marathi

HOD

Art's, Science & Commerce College Rahata, Dist. Ahmednagar. Principal

I/C Principal
Art's Scr & Comm College
Rahata

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

Marathi and History Department

Organize a Training Programme on

Modi Lipi

Student Attendance

Date: 24th March 2022 to 30th April, 2022,

01.00 pm to 02.00pm

Sr.No.	Name of the Student	Class	signature
01	Bawake Gaitri Madhukar	T.Y.B.Sc	Bewak & M.
02	Bawake Gayatri Prakash	T.Y.B.Sc	CO Bowke
03	Bhujabal Dhanashri Nanabhau	F.Y.B.Com	DN Bhurbal
04	Borhade Pooja Prakash	F.Y.B.Com	Borndel.
05	Murtadak Nikita Changdev	T.Y.B.Sc	MADO
06	Malve Leena Raju	T.Y.B.Sc	L.R. Meleve.
07	Ghorpade Nikita Laxman	T.Y.B.Sc	Ringerpadre
08	Gaikwad Priyanka Dattatry	T.Y.B.Sc	dellane
09	Tathe Manjusha Babasaheb	T.Y.B.Sc	Prum.D.
10	Kusalkar Shubhangi Ashok	T.Y.B.Sc	Der blows 11
11	Bhote RavinaNamdev	F.Y.B.Com	BRNS.
12	Gaikawad Vidya Kailas	F.Y.B.A	Georgraph
13	Agre Akshada	F.Y.B.A	Adreen-
14	Kale Gaytri Prakash	F.Y.B.Com	Keelen
15	Pathan Khatija Bashirkha	F.Y.B.Com	DAB
16	Nale Rohit	F.Y.B.Com	Ravit
17	Agre Pranav	T.Y.B.Sc	UUITAT
18	Rohom Viresh Ramnath	F.Y.B.Com	V.R.Rohom
19	Sonawane Pawan Devidas	F.Y.B.Com	AS S
20	Targe Gokul Kisan	F.Y.B.Com	Cakely
21	Aware Tushar jalindar	F.Y.B.Com	ann.
22	Shaikh Danish Jakir	T.Y.B.Com	Sep.
23	Rakhpasare Prem Parasram	F.Y.B.A	feur cy.
24	Lute Dnyaneshwari Manoj	T.Y.B.Sc	Lute D.M.

HEAD
HISTORY
DISTANCE & Commerce Collins, Science & Commerce Collins, Rahata, Dist. Ahmednagar, Rahata, Dist. Ahmednagar,

DEPARTMENT OF MARATHI Art's, Science & Commerce College Rahata, Dist. Ahmednagar

PANCIPAL

Art's Science & Commerce Coffege
Rahata, Tal.Rahata, Dist.A.Nagar

.5	Jadhav Priti Sharad	T.Y.B.Sc	Jadums 3.
26	Kudale Shradha Bhimraj	T.Y.B.Sc	Rendoly 1
27	Pawate Anil Dagady	J.C.T-Rahuta	32em.
28	Kandalkar Swati Tulshiram	S.Y.B.A	Queti
29	Mohite Gauri Anil	S.Y.B.A	Jul,
30	Pawate Karan	9th Std Rahata	Penerda
31	Somavanshi Prasad Yogesh	S.Y.B.A	PSS-Soman
32	Gaikwad Pratiksha	F.Y.B.A	Callokieres
33	Jadhav Ashwini Pramod	M.A Rahata	TAP.
34	Aware Payal Jalindar	T.Y.B.A	P.S Hudere.
35	Sable Sandipa Pandurang	T.Y.B.A	Souther
36	Jejurkar Pratiksha Shashikant	T.Y.B.A	2000
37	Bhujbal Dhanshri Nanasaheb	F.Y.B.Com	Bhuj bal DIN
38	Riyaz Shikha Atif	F.Y.B.A	POR
39	Game Pradip Punjaji	T.Y.B.A	Grand.
40	Bansode Vaibhav Balasaheb	T.Y.B.A	Varian
41	Satpute Sandip Sahebrao	Rahata	& ru
42	Sadaphal Viresh Govindrao	Rahata	- December
43	Kadam Chaitali	S.Y.B.A	· Prendence.

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DEPARTMENT OF HISTORY Art's, Science & Commerce College Rahata, Dist. Ahmednagar BARAD

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Commerce

DEPARTMENT OF MARATHI Art's, Science & Commerce College Rahata, Dist. Ahmednagar

PROCIPAL

Art's Science & Commerce College Rahata, Tal.Rahata, Dist.A.Nagar



Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

Marathi and History Department Organize a Training Programme on Modi Lipi

Student Attendance

	24th March 2022 to 30th April, 202			_				_			01.	UU p	m to	02.0	Upm		
Sr.No.	Name of the Student	Class	24	25	26	28	29	30	31	01	04	05	06	07	08	09	11
01	Bawake Gaitri Madhukar	T.Y.B.Sc	P	P	P	P	P	P	10	P	P	p	p	p	P	P	P
02	Bawake Gayatri Prakash	T.Y.B.Sc	P	P	P	P	P	P	P	P	P	P	P	P	10	P	P
03	Bhujabal Dhanashri Nanabhau	F.Y.B.Com	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P
04	Borhade Pooja Prakash	F.Y.B.Com	P	P	p	P	P	P	P	P	P	P	P	P	p	P	P
05	Murtadak Nikita Changdev	T.Y.B.Sc	P	p	P	P	P	p	P	P	p	P	P	p	P	P	10
06	Malve Leena Raju	T.Y.B.Sc	P	P	P	P	P	P	P	P	P	p	P	P	p	P	f
07	Ghorpade Nikita Laxman	T.Y.B.Sc	P	p	p	P	P	P	P	P	P	P	P	P	P	P	P
08	Gaikwad Priyanka Dattatry	T.Y.B.Sc	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P
09	Tathe Manjusha Babasaheb	T.Y.B.Sc	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P
10	Kusalkar Shubhangi Ashok	T.Y.B.Sc	P	p	p	P	P	p	p	P	P	P	P	p	10	P	P
11	Bhote RavinaNamdev	F.Y.B.Com	P	P	P	P	p	P	P	P	P	p	P	P	p	P	p
12	Gaikawad Vidya Kailas	F.Y.B.A	P	P	p	P	P	P	P	P	P	p	P	p	P	p	p
13	Agre Akshada	F.Y.B.A	P	P	P	P	10	p	p	P	p	P	P	P	p	P	1
14	Kale Gaytri Prakash	F.Y.B.Com	P	P	P	P	A	P	P	P	P	P	p	10	P	P	P
15	Pathan Khatija Bashirkha	F.Y.B.Com	P	P	p	P	P	P	P	P	P	P	P	P	p	P	P
16	Nale Rohit	F.Y.B.Com	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Agre Pranav	T.Y.B.Sc	P	p	P	P	P	p	P	P	·P	p	P	P	P	P	P

8	Roham VI 1 P	EVDO	44	135	26	-28	29	100	31	- 01	01	1 0	5 0	6 0	7,08	000	-
Dalue,	Rohom Viresh Ramnath	F.Y.B.Com	P	P	P	P	P	p	P	P	F	P	P	P	P	P	F
9	Sonawane Pawan Devidas	F.Y.B.Com	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0	Targe Gokul Kisan	F.Y.B.Com	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P
1	Aware Tushar jalindar	F.Y.B.Com	P	P	P	P	P	p	P	P	0	p	P	P	p	P	p
2	Shaikh Danish Jakir	T.Y.B.Com	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Rakhpasare Prem Parasram	F.Y.B.A	p	P	p	P	P	P	P	p	P	P	P	P	P	P	P
24	Lute Dnyaneshwari Manoj	T.Y.B.Sc	p	p	P	P	0	9	P	P	P	P	P	P	P	P	D
25	Jadhav Priti Sharad	T.Y.B.Sc	P	p	P	P	p	P	p	P	P	P	P	P	P	P	P
26	Kudale Shradha Bhimraj	T.Y.B.Sc	P	P	P	P	P	P	P	P	p	P	1	P	P	p	p
27	Pawate Anil	J.C.T	P	p	P	P	p	p	P	p	P	P	P	P	P	P	P
28	Kandalkar Swati Tulshiram	S.Y.B.A	P	p	P	P	p	P	p	p	P	P	8	P	P	P	P
29	Mohite Gauri Anil	S.Y.B.A	P	P	P	P	P	P	P	P	P	P	P		P	P	P
30	Pawate Karan	9 th Std	P	P	P	P	p	P	P	P	P	p	P	p	P	P	p
31	Somavanshi Prasad Yogesh	S.Y.B.A	P	P	P	p	p	P	P	P	P	P	P	P	P	P	P
32	Gaikwad Pratiksha	F.Y.B.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p
33	Jadhav Ashwini Pramod	M.A.	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P
34	Aware Payal Jalindar	T.Y.B.A	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P
35	Sable Sandipa Pandurang	T.Y.B.A	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P
36	Jejurkar Pratiksha Shashikant	T.Y.B.A	P	P	0	P	P	P	P	P	P	P	P	P	P	P	P
37	Bhujbal Dhanshri Nanasaheb	F.Y.B.Com	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Riyaz Shikha Atif	F.Y.B.A	P	P	P	10	P	p	P	P	P	P	P	p	P	P	p
39	Game Pradip Punjaji	T.Y.B.A	P	p	P	P	P	P	P	P	P	P	P	p	P	P	P
40	Bansode Vaibhav Balasaheb	T.Y.B.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	Satpute Sandip Sahebrao	T.Y.B.A	P	P	P	P	P	4	P	P	P	p	P	P	P	P	P
42	Sadaphal Viresh Govindrao	T.Y.B.A	P	P	P	P	q	P	P	P	P	P	P	P	P	P	P
43	Kadam Chaitali	S.Y.B.A	P	p	p	P	P	P	8	P	P	P	p	P	P	P	P

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA

Marathi and History Department Organize a Training Programme on Modi Lipi

Student Attendance

Date:	24th March 2022 to 30th April, 202	22,									01.	00 p	m to	02.0	0pm		
Sr.No.	Name of the Student	Class	12	13	16	18	19	20	21	22	23	25	26	27	28	29	30
01	Bawake Gaitri Madhukar	T.Y.B.Sc	P	P	P	P	P	P	p	P	P	P	P	P	P	P	10
02	Bawake Gayatri Prakash	T.Y.B.Sc	p	P	P	p	P	P	P	p	P	P	P	p	p	P	P
03	Bhujabal Dhanashri Nanabhau	F.Y.B.Com	p	P	12	10	P	P	p	P	p	P	P	10	P	P	10
04	Borhade Pooja Prakash	F.Y.B.Com	p	P	p	10	p	p	P	P	P	P	P	P	P	P	P
05	Murtadak Nikita Changdev	T.Y.B.Sc	P	P	10	P	19	P	P	P	P	P	p	P	P	P	p
06	Malve Leena Raju	T.Y.B.Sc	P	P	p	P	P	P	P	p	P	P	P	P	P	12	P
07	Ghorpade Nikita Laxman	T.Y.B.Sc	p	P	P	P	P	P	P	p	P	P	P	p	P	p	P
08	Gaikwad Priyanka Dattatry	T.Y.B.Sc	P	P	P	p	P	P	P	P	P	P	P	p	12	P	P
)9	Tathe Manjusha Babasaheb	T.Y.B.Sc	P	p	P	P	p	P	C	P	P	p	P	P	p	P	P
10	Kusalkar Shubhangi Ashok	T.Y.B.Sc	P	12	p	P	10	p	p	p	P	P	P	P	P	P	P
1	Bhote RavinaNamdev	F.Y.B.Com	P	P	P	P	p	P	P	P	P	P	P	P	10	P	P
2	Gaikawad Vidya Kailas	F.Y.B.A	P	P	P	P	P	P	P	P	p	P	P	P	p	P	Þ
3	Agre Akshada	F.Y.B.A	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Kale Gaytri Prakash	F.Y.B.Com	P	p	P	p	p	P	p	p	P	P	P	P	P	10	10
5	Pathan Khatija Bashirkha	F.Y.B.Com	P	10	10	P	P	P	P	P	P	P	P	P	P	P	P
6	Nale Rohit	F.Y.B.Com	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Agre Pranav Popartment of	T.Y.B.Sc	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P

HEAD
DEPARTMENT OF HISTORY
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar.

8	Rohom Viresh Ramnath	F.Y.B.Com	P	P	12	P	10	P	P	P	P	P	P	P	P	p	10
9	Sonawane Pawan Devidas	F.Y.B.Com	P	10	10	P	P	P	P	P	0	0	P	P	P	b	10
20	Targe Gokul Kisan	F.Y.B.Com	0		P	P	P	0	0	0	0	P	P	P	0	P	12
21	Aware Tushar jalindar	F.Y.B.Com	P	P	P	0	P	0	0	0	P	P	P	P	P	P	P
22	Shaikh Danish Jakir	T.Y.B.Com	P	P	0	P	P	10	P	P	P	P	P	P	P	P	10
23	Rakhpasare Prem Parasram	F.Y.B.A	10	6	P	0	12	P	P	P	P	P	P	P	P	P	P
24	Lute Dnyaneshwari Manoj	T.Y.B.Sc	P	P	P	10	10	10	P	P	P	P	P	P	P	P	P
25	Jadhav Priti Sharad	T.Y.B.Sc	P	P	P	P	P	P		P	P	P	-	1	P	1	-
26	Kudale Shradha Bhimraj	T.Y.B.Sc	1	1	1	4	1		8	1	1	,	P	P	1	P	P
27	Pawate Anil	J.C.T	P	P	P	P	P	P	P	P	P	P	6	P	P	P	P
28	Kandalkar Swati Tulshiram	S.Y.B.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Mohite Gauri Anil	S.Y.B.A	P	P	P	P	6	P	P	P	P	P	9	P	P	6	P
30	Pawate Karan	S.Y.B.A	P	10	P	P	P	P	P	P	P	P	P	P	P	6	P
31	Somavanshi Prasad Yogesh	S.Y.B.A	P	P	P	P	P	P	P	P	0	P	P	P	P	P	P
32	Gaikwad Pratiksha	F.Y.B.A	P	P	P	6	b	P	P	P	P	P	P	P	P	P	P
33	Jadhav Ashwini Pramod	M.A.	P	P	P	P	p	P	P	P	P	P	P	P	P	P	10
34	Aware Payal Jalindar	T.Y.B.A	P	P	P	P	6	P	P	P	P	P	P	P	P	P	P
35	Sable Sandipa Pandurang	T.Y.B.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Jejurkar Pratiksha Shashikant	T.Y.B.A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Bhujbal Dhanshri Nanasaheb	F.Y.B.Com	1	6	P	P	P	12	P	P	P	P	P	P	P	P	p
38			P	P	P	P	P	P	P	12	P	P	P	P	P	P	P
	Riyaz Shikha Atif	F.Y.B.A	P	16	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Game Pradip Punjaji	T.Y.B.A	P	P	P	P	P	P	P	P	P	P	P	p	10	P	12
40	Bansode Vaibhav Balasaheb	T.Y.B.A	P	P	P	P	P	P	10	P	P	P	P	P	P	D	P
41	Satpute Sandip Sahebrao	T.Y.B.A	p	P	P	P	a	p	P	P	P	P	0	P	P	P	10
42	Sadaphal Viresh Govindrao	T.Y.B.A	P	P	p	p	P	P	p	P	P	P	1	1	1)	1
43	Kadam Chaitali	S.Y.B.A	10	-	D	P	P	P		10	1	d	P	9	p	P	P
	+ 000		IL	IT	F	1	F	F	P	1	P	P	P	P	P	P	12

HEAD
DEPARTMENT OF HISTORY
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar.

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

Marathi and History Department Organize a Certificate Course on

Modi Lipi

Student Mark List

Sr.No.	Name of the Student	Class	Marks
01	Bawake Gaytri Madhukar	T.Y.B.Sc	55
02	Bawake Gayatri Prakash	T.Y.B.Sc	45
03	Bhujabal Dhanashri Nanabhau	F.Y.B.Com	55
04	Borhade Pooja Prakash	F.Y.B.Com	56
05	Murtadak Nikita Changdev	T.Y.B.Sc	66
06	Malve Leena Raju	T.Y.B.Sc	54
07	Ghorpade Nikita Laxman	T.Y.B.Sc	70
08	Gaikwad Priyanka Dattatry	T.Y.B.Sc	64
09	Tathe Manjusha Babasaheb	T.Y.B.Sc	64
10	Kusalkar Shubhangi Ashok	T.Y.B.Sc	70
11	Bhote Ravina Namdev	F.Y.B.Com	64
12	Gaikawad Vidya Kailas	F.Y.B.A	63
13	Agre Akshada	F.Y.B.A	53
14	Kale Gaytri Prakash	F.Y.B.Com	38
15	Pathan Khatija Bashirkha	F.Y.B.Com	62
16	Nale Rohit	F.Y.B.Com	67
17	Agre Pranav Ramesh	T.Y.B.Sc	70
18	Rohom Viresh Ramnath	F.Y.B.Com	36
19	Sonawane Pawan Devidas	F.Y.B.Com	70
20	Targe Gokul Kisan	F.Y.B.Com	52
21	Aware Tushar jalindar	F.Y.B.Com	70
22	Shaikh Danish Jakir	T.Y.B.Com	50
23	Rakhpasare Prem Parasram	F.Y.B.A	46
24	Lute Dnyaneshwari Manoj	T.Y.B.Sc	56
25	Jadhav Priti Sharad	T.Y.B.Sc	52
26	Kudale Shradha Bhimraj	T.Y.B.Sc	56
27	Pawate Anil Dagdu	J.C.T	52
28	Kandalkar Swati Tulshiram	S.Y.B.A	60

29	Mohite Gauri Anil	S.Y.B.A	55
30	Pawate Karanal Anil	9 th Std	54
31	Somavanshi Prasad Yogesh	S.Y.B.A	45
32	Gaikwad Pratiksha	F.Y.B.A	55
33	Jadhav Ashwini Pramod	M.A.	58
34	Aware Payal Jalindar	T.Y.B.A	65
35	Sable Sandipa Pandurang	T.Y.B.A	55
36	Jejurkar Pratiksha Shashikant	T.Y.B.A	63
37	Bhujbal Dhanshri Nanasaheb	F.Y.B.Com	45
38	Riyaz Shikha Atif	F.Y.B.A	47
39	Game Pradip Punjaji	T.Y.B.A	63
40	Bansode Vaibhav Balasaheb	T.Y.B.A	60
41	Satpute Sandip Sahebrao	T.Y.B.A	67
42	Sadaphal Viresh Govindrao	T.Y.B.A	62
43	Kadam Chaitali	S.Y.B.A	14

Dr. S. B. Kadam

Head of Department

Marathi

Prof. A.B. Mate

Head of Department
HEAD
DEPARTMENTyOF HISTORY
orl's, Science & Commerce College,
Rahata, Dist. Ahmednagar.

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

HISTORY AND MARATHI DEPARTMENT

Organize a Workshop on

Modi Lipi

Date: 30, April, 2022

Feedback

Tushar Jalindar Class- F. Y. Brom Name of the student -Aware Excellent | Very Good Not Good Average Particulars Sr.No. How Was the Workshop? 1. How useful was the information from 2. the speech of the speaker? Newness of the knowledge 3. Organization of the Workshop 4. very good suggestion all Your Suggestion 5. information for modilipi and Thank you sir.

> ाधाप Signature:

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

HISTORY AND MARATHI DEPARTMENT

Organize a Workshop on

Modi Lipi

Date: 30, April, 2022

Feedback

Name of the student Agre Pranav Ramesh

Class- T. Y. B3c

Sr.No.	Particulars	Excellent	Very Good	Average	Not Good
1.	How Was the Workshop?	~			
2.	How useful was the information from				
	the speech of the speaker?	/		14.3	
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5.	Your Suggestion	This 9	ive me	the prop	pee historico
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Signature:

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

HISTORY AND MARATHI DEPARTMENT

Organize a Workshop on

Modi Lipi

Date: 30, April, 2022

Feedback

Name of the student - Pavan Devidas Sonawane Class- FY. B. Com

Sr.No.	Particulars	Excellent	Very Good	Average	Not Good
1.	How Was the Workshop?				
2.	How useful was the information from				
	the speech of the speaker?			3/19	B. HER
3.	Newness of the knowledge				
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ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

HISTORY AND MARATHI DEPARTMENT

Organize a Workshop on

Modi Lipi

Date: 30, April, 2022

Feedback

Name of the student Bangode Vaidhow Balashub Class- T.T.B.A

Sr.No.	Particulars	Excellent	Very Good	Average	Not Good
1.	How Was the Workshop?				
2.	How useful was the information from the speech of the speaker?		/		
3.	Newness of the knowledge	./	B. R. P. S.		
4.	Organization of the Workshop	/			
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Signature:

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

HISTORY AND MARATHI DEPARTMENT

Organize a Workshop on

Modi Lipi

Date: 30, April, 2022

Feedback

Name of the student Dhanshir Nanabhay Bhujbey Class- I. J Brom

Sr.No. Particulars

Excellent Very Good Average Not Good

1. How Was the Workshop?

2. How useful was the information from the speech of the speaker?

3. Newness of the knowledge

4. Organization of the Workshop

5. Your Suggestion

DN. Bhulbal Signature:

ARTS, SCIENCE AND COMERCE COLLEGE, RAHATA AND

HISTORY AND MARATHI DEPARTMENT

Organize a Workshop on

Modi Lipi

Date: 30, April, 2022

Feedback

Name of the student Kusukar shubhandi Ashok Class- TJ. BS L

Sr.No. Particulars Excellent Very Good Average N

Sr.No.	Particulars	Excellent	Very Good	Average	Not Good
1.	How Was the Workshop?	~			
2.	How useful was the information from the speech of the speaker?	~			
3.	Newness of the knowledge	~			
4.	Organization of the Workshop	~			
5.	Your Suggestion	Very	exidic	nt kn	owiedge

Signature:

SSRI's

ARTS, SCIENCE, AND COMMERCE COLLEGE, RAHATA

Department of History and Marathi

Modi-Lipi Training Program

Report

The Department of History and Department of Marathi of Arts, Science and Commerce College, Rahata has conducted Workshop on Modi Lipi" from 24/03/2022 to 30/04/2022, for the students of college and youth from the nearby villages of Rahata, to impart knowledge of Modi Script. The workshop was organized under the guidance of Dr. Mahesh Kharde, Director, SSRI and the Modi script guide Hon. Shri. Mahesh Joshi, Vasundhara, Language, Modi script conservation and Research Centre, Pune.

On the occasion of Inaugural function of this workshop, Dr. Mahesh Kharde, Principal Prof. S.V. Lahare, Vice Principal Dr. D. N. Dange, Dr. S. K. Pulate, and Prof. T. K. Kumkar were present. Dr. S. B. Kadam introduced inaugural function and the guest of this occasion. The Chief Guest, Hon. Shri. Mahesh Joshi guided the students about the significance of Modi Script. President of the event Dr Mahesh Kharde stated that such certificate courses are organized to enhance the knowledge of the students. He also convinced that such course leads towards the overall development of students. The vote of thanks delivered by Dr. D.M. Nalage.

The primary education of this certificate course started from 24/03/2022 to 30/04/2022 in the department of History by Hon. Shri. Mahesh Joshi, Vasundhara, Language, Modi script conservation and Research Centre, Pune. He taught the students the basic information of Modi script that is identification of letter, words, dates, months, letter writing, name of officers etc. during this period. Total 41 students and citizens were actively participated in this certificate course.

The valedictory function presided over and distributed certificates to the participated students and to the citizens. Citizens like Shri. Sandip Sahebrao Satpute, Prof. Anil Pawate, Mrs. Jadhav etc. from Rahata area registered their participation in this certificate course and also expressed their thoughts at the conclusion.

MEAD
DEPARTMENT OF HISTORY
Art's, Science & Commerce Commerce

DEPARTMENT OF MARATHI Art's, Science & Commerce College Rahata, Dist. Ahmednagar

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar रजि. नं. इ. ५८९७

ाशी।।
।। वळणदार प्राचीत लिपी ही मोडी,
गिरवता गिरवता लागेल गोडी।।
'वसुंधरा' भाषा, मोडीलिपी संवर्धन आणि
संशोधन केंद्र, पुणे – ५१.



आणि

शिडीं साई रुरल इन्स्टिट्युटचे,

कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता

जि. अहमदनगर - ४१३७१०

इतिहास व मराठी विभाग यांच्या संयुक्त विद्यमाने आयोजित मोडीलिपी प्रारंभिक प्रशिक्षण वर्ग

207 - 207



प्रमाणपश्र



प्रमाणित करण्यात येत आहे कि

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यांना / हिस, दि.

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पर्यंत आयोजित केलेल्या मोडीलिपी प्रारंभिक प्रशिक्षण वर्गात सहभाग घेतला होता. त्यात ते / त्या यशस्वीरीत्या उत्तीर्ण झाले / झाल्या. आपला मोडीलिपीचा छंद यापुढे ही असाच चालु ठेवावा या शुभेच्छांसह हे प्रमाण पत्र, अभिनंदन!



श्री. महेश सुरेश जोशी

अध्यक्ष

वसुंघरा' भाषा, मोडीलिपी संवर्धन आणि संशोधन केंद्र, पुणे-५१ केंग्रह्म के

प्रा. ए. बी. मते इतिहास विभाग प्रमुख डॉ. एस.बी. क्दम मराठी विभाग प्रमुख

प्रा. एक की. लहारे

प्राचार्य

कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता

मोबाईल : +९१ ७३५०७२८७१८ • E-mail : mahesh16270@gmail.com



Shirdi Sai Rural Institutes Arts Science and Commerce College Rahata Organizing



Vasundhara Modi Script and Conservation Institutes Pune

Certificate Course On Modi Script

Duration 24th March 2022 to 30 April 2022 Hurry up/ Limited Seats Available

Feature:

Job/ Career Opportunities after Modi, Script Training Employment Available due to Modi Script An Opportunity to learn Ancient Languages An Opportunity to learn About Historical Documents

Dr. Sanjay Kadam HoD Dept. of Marathi (9850856303) Prof. Anil Mate Dept. Of History (9767538856)

Prof. Sanjay Lahare Principal वसुंधरा,भाषा मोडीलिपी संवर्धन आणि संशोधन केंद्र.पुणे. कला, विज्ञान व वाणिज्य महाविद्यालय, राहाता मोडीलिपि परीक्षा

प्रश्न 1 मोडी उता-याचे मराठीत रूपांतर करा. 30 गुण रिप्रान्नळाच्याप्रारंभीर क्रार्ताता क्यायुरोपीय क्रपिप्रम एत्ता घेट्यात्यापें मीर एर्पता कुरनीर एत्ता घेती पो उर्रगीर करंगी अधिक

जनाहात्यात्याप्रमुख्यात्राम्य क्षेत्रमुख्यात्र क्षेत्रमुख्यात्र क्षेत्रमुख्यात्र क्षेत्रमुख्यात्र क्षेत्रमुख्य क्रित्रमुख्य क्षेत्रमुख्य क्षेत्रमुष्य क्षेत्रमुष्य क्षेत्रमुष्य क्षेत्रमुष्य क्षेत्रमुष

प्रश्न २ मराठी उताऱ्याचे मोडीत रूपांतर करा. 20 गुण

गुराब हा मुळात अरबी शब्द आहे.एक प्रकारच्या जहाजाला गुराब असे म्हणतात.गुराब गलबतापेक्षा मोठी असते. ती वल्ह्याने चालवली जात नाही.केवळ शिडांनी चालविली जाई. गुराबेवर सामान्यता दोन आणि क्वचित तीन डोलकाठ्या असत.

- 1) मु.।। 2)रा.ब.।। 3) खु।। 4) वि।। 5) सु।।
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प्रश्न 4 अरबी अंक अक्षरी लिहा, (5)

गुण 10

- 1) 4---- 2) 10 ---- 3) 1----- 4)1000-----
- 5) 70 ---- 6)50 -----7) 6-----8) 500----

प्रश्न 5 जोड शब्द लिहा. (5)

गुण 10

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- 5) ख + या 6) ह + या 7) च + या 8) प + या

प्रश्न 6 तारिख काढा (कोणतेही 2)

10

- 1) खमस अर्बेन अलफ
- 2) अशर मया व अलफ
- 3) इसन्ने अशर मया व अलफ
- 4) तीसा अशर मयातैन व अलफ

Date: 23/03/2022

To.

The Principal,
SSRI's,
Arts, Science & Commerce College,
Rahata.

Subject: - Permission to conduct a certificate course entitled Soil and Water Analysis.

Respected Sir,

With reference to the above mentioned subject, Department of Chemistry of our college going to conduct certificate course for undergraduate students of science faculty on "Soil and Water Analysis" from 01st April 2022 to 30th June 2022 (03 month).

So its request to you, please give the permission to run this certificate course in the second semester of the academic year 2021-22.

Thank you.

Yours Sincerely,

Klowed July 3/222

Miss. S. B. Ambadkar)

Co-ordinator

(Prof. A. S. Tambe)

Head HEAD

Dept. of Chemistry
Art's, Science & Commerce College,
Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Chemistry

"Soil and Water Analysis"

CERTIFICATE COURSE SYLLABUS FRAMING WORKSHOP

The Committee undersigned meet on Saturday 26thMarch 2022 at the Department of Chemistry of Arts, Science and Commerce College, Rahata to discuss and finalize the syllabus for certificate course "Soil and Water Analysis" inChemistry which would be organize during 01st April 2022 to 30th June2022 for the academic year 2021-2022. The committee finalized the syllabus unanimously and suggests ways to evaluation in the presence of following members:

Dr.B.K.Uphade.
Associate Professor,
(PVP College, Pravaranagar.)

Dr.G.D.Shirole.
Associate Professor,
(ASC College, Rahata.)

Mrs.Chhaya Sharadchandra Karle. Assist.Professor, (ACS College, Satral.)

Mr.Adinath Tambe. Assist.Professor, (ASC College, Rahata.)

Miss. S. B. Ambadkar Co-ordinator

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997) NAAC Track ID- MH-COGN80225 Mobile- 9766767125, 9657400677

Email: rahatacollege@rediffmail.com

Website: Website: www.ascrahata.org Recipient of "Best Rural College Award" from University of Pune (2012-13)

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Ref. No.ASCR/IQAC/SDB/2021-22/ 452-A

Date: 25/03/2022

To,

Dr.G.D.Shirole.

Associate Professor,

Arts, Science and Commerce College, Rahata.

Subject: - Regarding invitation as a subject expert for syllabus framing.

Respected Sir,

We are pleased to inform that you are co-ordially invited as a Subject Expert for the syllabus framing of certificate course on "Soil and Water Analysis" which will be held from 01stApril 2022 to 30th June 2022 in our College. The workshop is scheduled on Saturday,26th March 2022 at 01:00pm to 02:00pm in Arts, Science and Commerce College, Rahata.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop. We look forward to your presence.

Thanking you,

(Miss. S. B. Ambadkar) Co-ordinator

ours Sincerely,

(Prof. A.S. Tambe)

HeadFAD

Dept. of Chemistry Arts, Science & Commerce College Rahata, Dist. Ahmednagar

Principal

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Ref. No. ASCR/IQAC/SDB/2021-22/452-A

To,

Dr.B.K.Uphade.

Associate Professor,

Padmashri Vikhe Patil Arts, Science and Commerce College, Pravaranagar.

Subject: - Regarding invitation as a subject expert for syllabus framing.

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Thanking you,

(Miss. S. B. Ambadkar)

boother

Co-ordinator

Yours Sincerely.

Dept. of Chemistry Vrs. Science & Commerce College,

Rahata, Dist. Ahmednagar

Principal PCIPAL

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

Date: 25/03/2022

Received

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Ref. No. ASCR/IQAC/SDB/2021-22/ 452 - A

To,

Mr. Adinath Tambe. Assist.Professor, Arts, Science and Commerce College, Rahata.

Subject: - Regarding invitation as a subject expert for syllabus framing.

Respected Sir,

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Thanking you,

Yours Sincerely,

(Miss. S. B. Ambadkar) Co-ordinator

abacher

(Prof. A. S. Tambe)
Head

Dept. of Chemistry

Art's, Science & Commerce College,
Rahata, Dist. Ahmednagar

(Prof. S. V. Lahare)
Principalincipal

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

Date: 25/03/2022

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

Ref. No. ASCR/IQAC/SDB/2021-22/452-4

Date: 25/03/2022

To. Mrs.Chhaya Sharadchandra Karle. Assist.Professor, Art's Commerce and Science College, Satral.

Subject: - Regarding invitation as a subject expert for syllabus framing

Respected Sir,

We are pleased to inform that you are co-ordially invited as a Subject Expert for the syllabus framing of certificate course on "Soil and Water Analysis" which will be held from 01st April 2022 to 30th June 2022 in our College. The workshop is scheduled on Saturday, 26th March 2022 at 01:00pm to 02:00pm in Arts, Science and Commerce College, Rahata.

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ours Sincerely

(Miss. S. B. Ambadkar) Co-ordinator

Head D

Dept. of Chemistry rts, Science & Commerce College, Rahata, Dist. Ahmednagar

Principal

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

serived

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Chemistry

"Soil and Water Analysis"

SYLLABUS

Sr.No	Name of the Experiment Soil Analysis	
1	Determination of P ^H of soil	
2	Determination of Electrical Conductivity of soil	
3	Determination of CaCO ₃ of soil	
4	Determination of Gypsum requirement of soil	
5	Determination of Organic Carbon of soil	
	Water Analysis	
6	Determination of P ^H of irrigation water sample	
7	Determination of Electrical Conductivity of irrigation water sample	
8	Determination of hardness of irrigation water sample	
9	Determination of carbonate, biocarbonate and chloride from irrigation water sample	
10	Determination of TDS or dissolved oxygen of irrigation water sample	

Experiment No: 1

Aim: Determination of pH of soil.

Theory:

The soil reaction is to meant express the activity or alkanity of soil.

The P^H is very important property of soil because it determines the capacity for growth of the plant, availability of nutrients, bacterial activity and physical condition of the soil. If the soil is strongly acidic or alkaline nothing may grow. For each species of plantsthere is p^H range favorable for its growth. p^H of soil determine by electrometric method using p^H meter. Usually on soil water mixture of H+ ion concentration as,

 $PH = -\log_{10} [H^{\dagger}]$

When p^H is below 7, the H⁺ concentration exceeds the OH concentration and the range is acidic. When P^H is above 7, the OH concentration exceeds the H⁺ concentration and the range is alkaline.

Principle:

Difference in electrode potential developed in a system is measured as a scale with the help of p^H meter instrument, keeping soil to water ratio, 1:2.5.

Apparatus: pH meter, Glass electrode, Calomel electrode.

Reagents:

- i) 0.05M potassium hydrogen phthalate solution (pH=4)
- ii) Distilled Water

Procedure:

I) Standardization of pH meter:

1. The pH meter is set as described in the instruction manual and adjusts the pH to zero using set zero knob of the instrument.

2. Take 0.05 M potassium hydrogen phthalate solution. (pH = 4) in a beaker and insert the glass and calomel electrodes into the solution (or combined glass electrode) in the beaker so that the bulb of the electrode is completely immersed into the solution.

3. Turn the two way switch of the apparatus to the pH 0-7 range side and adjust the set buffer knob of the instrument so that the meter scale reads the reading as pH = 4.

II) Measurement of pH Soil:

- 1. Weigh 5g of sieved dry soil sample and transfer it to the 25 ml beaker.
- 2. Add 12.5 ml water and stir it for about 30 minutes.
- 3. Then the beaker with supernatant soil solution is kept under electrode and immerse the electrode into the soil solution.
- 4. Note the reading after passing the current through the soil solution.
- 5. Similarly record the readings of remaining given soil samples.

Observation Table:

Sr. No	Solution of Soil Sample	pH

Soil PH below 6 ---- Acidic Soil PH 6 to 8.5 -----Normal Soil PH 8.5 to 9.0 —Tending to become alkali Soil PH above 9.0 ----Alkaline soil harmful for crops.

Result:

Therefore the given soil is ----.

Aim: To determine the electrical conductivity of soil.

Theory:

Soil electrical conductivity is an indirect measurement that correlates very well with several soil physical and chemical properties. Electrical conductivity is the ability of a material to conduct (transmit) an electrical current and it is commonly expressed in units of milliSiemens per meter (mS/m). Alternatively, electrical conductivity measurements can be expressed in deciSiemens per meter (dS/m), which is 100 times greater than milliSiemens per meter.

Principle:

The salt content present in the given soil sample can be estimated by electrical conductance measurements. In case of a saturated soil it can be estimated by paste or a dilute suspension of soil in water. Amount of total soluble salts present in water is generally expressed in terms of electrical conductivity of sample. It is measured with the help of conductivity meter. Electrical conductance is generally expressed in reciprocal ohms i.e. mhos. The technique is more suitable for salinity measurements because conductivity increases with the salt contents. Electrical conductivity of solution of salt is nearly proportional to its concentration.

Apparatus: Electrical conductivity meter, conductivity cell.

Reagents: 0.01 M KCI

Procedure:

I) Determination of Cell Constant:

1. Connect the apparatus and conductivity cell.

2. Take 0.01 M KCI solution in a 100 ml beaker and insert the conductivity cell into it. And See that the electrodes are completely covered by the solution.

3. Switch on the apparatus and find out the conductance for 0.01 M KCI solution and hence determine the cell constant.

Observation:

Conductance for 0.01 M KCI solution (L) = ---- ohm.

Calculation:

Cell Constant = Specific conductivity of 0.01 M KCI at 25 $^{\circ}$ C./ Conductance for 0.01 M KCI

Cell Constant = ---- cm⁻¹

II) Determination of electrical conductivity

- 1. Weigh exactly 5 g of dry and sieved soil.
- 2. Transfer it to a 25 ml beaker and add to it about 12.5 ml distilled water (soil to water ratio is 1:2.5)
- 3. Stirr the solution for 30 minutes and measure the conductivity of the soil suspension.

Result:

1.	Cell Constant	cm ⁻¹
2.	Electrical Conductivity	mmhos /cm

Rating Scale:

Electrical Conductivity mmhos /cm:

Electrical Conductivity Range	Range Good Soil	
< 1 mmhos /cm		
1 – 2 mmhos /cm	Poor seed emergence	
2 – 3 mmhos /cm	Harmful for some crops	
> 3 mmhos /cm	Harmful for most of the crops.	

Experiment No: 3

Aim: Determination of calcium carbonate in soil by rapid titration method. Theory:

Carbonate is a natural constituent of many soils in the world; most carbonate minerals found in soils of are calcite (CaCO₃) and dolomite (Ca& Mg, CO₃) minerals and exist mainly in the soils.

Most agricultural and environmental planning requires soil analysis, or at least should require analysis for better implementation for any change. Furthermore, better practical analysis methods can rapidly estimate soil properties needed to improve quantitative assessments of land management problems.

Calcium and magnesium carbonate occur naturally in some soils and sediments notably on calcareous soils and sediments notably on calcareous lithologies, and where the shell fragments are present, their presence may also be the result of human activity. Naturally, occurring carbonate such as limestone, dolomite and shell will also contribute to the total carbonate of the soil and their potential presence should be considered when interpreting the data. Carbonates may also be precipitated from the ground water in hard water areas.

Principle:

The soil is treated with excess hydrochloric acid. Carbon dioxide is evolved in the reaction and is collected in standard solution of sodium hydroxide. This is followed by back titration of excess of hydroxide using phenolphthalein as an indicator. At the end point the colour of the solution changes from colorless to pink.

Apparatus:

Burette, pipette, conical, flask, beaker

Chemicals:

0.1N HCI, Standard 0.1N NaOH, phenolphthalein indicator or bromothymol blue indicator

Procedure:

A) Back titration

a) Weigh 5 g of soil sample and transfer it to a clean stoppered bottle.

- b) Add 50 ml of 0.1N HCI to the soil and stir the solution for one hour. Allow to settle.
- c) Filter the solution in a clean conical flask.

d) Pipette out 10 ml filtrate in a conical flask. Add 2-3 drops of phenolphthalein indicator to it and titrate against standard 0.1 N NaOH solutions. End point of the titration is colorless to pink if phenolphthalein is used. If bromothymol blue indicator is used. Then at the end point the colour of the solution changes from yellow to blue. Record the reading as 'X'ml.

B) Blank titration

- a) Pipette out 10 ml of 0. 1N HCI in a conical flask.
- b) Add 2-3 drops of phenolphthalein indicator.
- c) Titrate this solution against 0.1 N NaOH solutions until the colour of the solution changes from colorless to pink. Note this reading as 'Y'ml.

Calculations:

```
CaCO<sub>3</sub>, +2 HCI\rightarrow CaCl<sub>2</sub> + CO<sub>2</sub> \uparrow + H<sub>2</sub>O

From the above reaction, it is clear that

2 moles HCI = 1 mole CaCO<sub>3</sub>

I.e. 2 x 36.5g of HCI= 100g of CaCO<sub>3</sub>

: . 36.5 grams of HCI = 50 grams CaCO<sub>3</sub>

Now, 1000 ml IN HCI = 50 grams of CaCO<sub>3</sub>,

(Y - X) ml 0. IN HCI = (Y - X) × 0.1 x 50 /1000

= 'A' grams of CaCO<sub>3</sub>,

: . 50 ml solution contains = A x 5 grams of CaCO<sub>3</sub>,

= 'B' grams of CaCO<sub>3</sub>,

Amount of CaCO<sub>3</sub>, present in 5 grams of soil = 'B' g

Now,

:: 5g soil = 'B' g

100 g soil = 100x B / 5

=-----%
```

Result:

1. Amount of CaCO₃, in given soil = ----- %. Hence the nature of the soil is Non - Calcareous / highly calcareous / Medium calcareous.

Rating scale:

Nature of soil	CaCO ₃ ,%
Non calcareous	Less than 4 %
Medium calcareous	Between 4-10 %
Highly calcareous	Greater than 10 %

Experiment No: 4

Aim: Determination of Gypsum requirement of alkaline soils. Theory:

The reclamation of alkali soil (pH in water suspension exceeding 8.5) requires gypsum treatment for replacement of sodium ions from the exchange complex. The sodium so released has to be leached out by flooding. The gypsum requirement can be determined by adding a known excess of saturated solution of gypsum (CaSO₄.2H₂O) to soil and estimating its un-reacted amount by EDTA titration.

Principle:

The alkaline soils pH is reclaimed by gypsum treatment. These soils contain large amount of sodium and magnesium. This method involves treatment of a known amount of soil with saturated solutions of gypsum (CaSO₄.2H₂O). The calcium is adsorbed by the soil leaving sodium and magnesium at equilibrium. The amount of calcium adsorbed by the soil is determined by back titration with standard EDTA solution using Eriochrome Black T indicator, which gives blue green colour in an ionic form and red colour with cation complex. The amount of calcium adsorbed by replacing exchangeable sodium from clay complex at equilibrium stage is a measure of gypsum requirement of soil.

Apparatus:

Burette, pipette, conical flask, beaker.

Chemicals:

Saturated solution of gypsum, NH₄CI + NH₄OH Buffer (pH = 10), 0.01M EDTA, 0.01 M ZnSO₄, saturated CaSO₄.

Procedure:

A)Standardization of 0.01 M EDTASolution:

i) Fill the burette with approx. 0.01 M EDTA solution.

ii) Pipette out 10 ml of standard 0.01 M ZnSO₄, solution in a conical flask.

iii) Add 5 ml of buffer solution (pH = 10) with the help of a cylinder and add 5 drops of Eriochrome black- T indicator. Shake the flask. Wine red colour is developed.

iv) Add from the burette EDTA solution drop by drop till the wine red colour of

the solution changes to blue.

v) Take three more readings in a similar way.

vi) Note down the constant reading as 'X'ml.

vii) From this reading find the exact molarity of EDTA solution and use it in the further calculations.

B) Determination of Gypsum requirement (Back titration)

a) Take 2.5 gm. of soil in 250 ml conical flask.

- b) Add 50 ml saturated CaSO₄, solution by means of pipette. Shake for 10minutes and filter.
- c) After rejecting first few ml of filtrate, pipette out 5 ml of extract in conical flask.

d) Add 1 ml of buffer solution and 3.4 drops of indicator.

- e) Titrate this solution against standard EDTA solution until colour changes from wine red to blue.
- f) Take three reading and record constant burette reading as 'Y'ml.

C) Blank titration:

a) Take 5 ml saturated solution of gypsum.

- b) Add 25 ml water, 1 ml buffer and 3-4 drops of indicator. Changes from wine red to blue.
- c) Titrate this solution against standard EDTA solution until colour.
- d) Take three readings and record constant burette reading as 'Z'ml.

Observation table:

a) Type of the soil: Black / Brown

b) Weight of the soil: 2.5 gm.

c) Volume of sat . CaSO₄, Solution added to the soil: 50 ml .

d) Volume of CaSO₄, taken for blank titration: 5 ml.

e) Volume of extract taken for back titration: 5 ml.

- f) Volume of 0.01M EDTA required for soil sample (Back titration reading): 'Y' ml.
- g) Volume of 0.01M EDTA required for blank titration reading 'Z'ml.

h) Difference (Blank - Back): (Z-Y) ml.

i). Volume of 0.01M EDTA required to react with 10 ml 0.01 M ZnSO4 = 'X' ml.

Calculations:

a) Exact Molarity of EDTA $EDTA = ZnSO_4.7H_2O$ $M_1V_1 = M_2V_2.$ $M_1 = 0.01 \times 10 / X ml = ---- M.$ Exact Molarity of EDTA =----- M. b) Gypsum requirement of soil in kg / ha:
As 1000 ml 1 M EDTA = 20 grams of Ca²⁺
= 86 g CaSO₄.2 H₂O.
:: (Z - Y) ml M EDTA = 86 x (Z - Y) x M / 1000x1
= 'A' grams of CaSO₄. 2H₂O
i.e. 5 ml soil extract requires = 'A' grams of CaSO₄. 2H₂O.
100 ml soil extract (filtrate) required = A x 20 grams CaSO₄, 2H₂ 0
= B grams.
i.e. 5 g of soil requires = B grams of Gypsum.
1 hectare soil (weight = 2240000 kg) will require.
= B x 2.24 x 10⁶/5 gypsum.

Result: The gypsum requirement of soil is = ----- kg / ha of gypsum.

Aim: Determination of Organic Carbon of soil.

Theory:

Organic matter in soils and sediments is widely distributed over the earth surface occurring in almost all terrestrial and aquatic environments. Soils and sediments contain a large variety of organic materials ranging from simple sugars and carbohydrates to the more complex proteins, fats, waxes, and organic acids. Important characteristics of the organic matter include their ability to: form water-soluble and water insoluble complexes with metal ions and hydrous oxides; interact with clay minerals and bind particles together; sorb and desorb both naturally-occurring and anthropogenically-introduced organic compounds; absorb and release plant nutrients; and hold water in the soil environment. As a result of these characteristics, the determination of total organic carbon (a measure of one of the chemical components of organic matter that is often used as an indicator of its presence in a soil or sediment) is an essential part of any site characterization since its presence or absence can markedly influence how chemicals will react in the soil or sediment.

Principle:

For the determination of Organic Carbon Of soil, dry combustion and wet digestion method are used .the dry combustion gives absolute values and is useful for very accurate work. For ordinary routine work Walklay and Blacks rapid titration method is useful.

In this principle the soilis digested with chromic and sulphuric acid making use of the heat of dilution of sulphuric acid.

The excess of chromic acid not reduced by the organic matter of the soil it is determine by the titration with std. ferrous sulphate or ferrous ammonium sulphate solution Nitrate interfere with the estimation only when present in more than 1/20th of the carbon.

Reagents:

1N K₂Cr₂O₇
96% H₂SO₄
85% Phosphoric acid
Diphenylamine indicator
N/2 Ferrous Ammonium Sulphate

Procedure:

Take 2-10 gm.of soil in a 500ml conical flask Add 10ml of 1N K₂Cr₂O₇ solution and 20ml conc H₂SO₄ shake well for a minute or two and allow it to stand on an asbestos mat for about 30 minute.

Add 20ml of water 10ml of Phosphoric acid 1ml of Diphenylamine indicator solution. A deep violet colour will appear titrate it with N/2 Ferrous Ammonium Sulphate till the violet colour to purple and finally to green.

Add 0.5 ml K₂Cr₂O₇ solution and titrate it with N/2 Ferrous Ammonium Sulphate solution until the colour changes to green if more than 8 ml of K₂Cr₂O₇ reduced during the digestion the determination should be repeated using a small quantity of soil.

In the same way to carry out a blank determination also and calculate the result.

Observation:

- a. Wt. of soil = ----- W gm.
- b. Volume of 0.5 N Ferrous Ammonium Sulphate solution required for reducing 10 ml of $K_2Cr_2O_7$ solution = X ml.
- c. Volume of 0.5 N Ferrous Ammonium Sulphate solution required for reducing excess of dichromate =Y ml.

Difference = X - Y

Calculation:

1 ml of 1 N of $K_2Cr_2O_7=0.003$ gm.Carbon Percentage of carbon in soil = $(X-Y) \times 0.003 \times 100 / 2 \times W = Z$ Percentage of organic matter in soil = $Z \times 100 / 58$

Result: The soil containing organic matter: ----%

Aim: Determination of pH of irrigation water samples. Theory:

The pH balance of a water supply describes how acidic or alkaline it is. The acidity (or alkalinity) of a water supply can affect plant growth, irrigation equipment, pesticide efficiency and drinking water. Water with a pH below 7 is acid and water with a pH above 7 is alkaline. Most natural waters are between pH 5 and 8. The generally accepted pH for irrigation water is between 5.5 and 7.5, but some problems can occur within this range. Alkaline water may contain high concentrations of bicarbonate (generally in water of pH 8 and above) and carbonates (generally pH 9 and above). This can cause calcium and magnesium to precipitate from the soil, this can affect plant growth. Some trace elements, like copper and zinc, will also be less available to the plant in this situation. A pH greater than 7.5 is likely to reduce the effectiveness of chlorine disinfection. Acidic water can also have a detrimental effect on plant growth, particularly causing nutritional problems, while strongly acidic water (below pH 4) can contribute to soil acidification. A pH less than 6 indicates corrosiveness, which can lead to damage to metal pipes, tanks and fittings. Water lower than pH 6.0 or higher than pH 8.5, when used in spray mixes, can lessen the effectiveness of some pesticide.

Principle:

Irrigation water always contains some soluble salts. Such irrigation water may affect the crop growth and soil properties that are dependent on the quality and quantity of salts present in it. Hence knowledge of the quality of water and its nutrient content is essential for judging its suitability for irrigation purposes and usefulness to plant nutrient supply. Usually, the water which outflows from industries as effluents and domestic waste as sewage may contain some specific nutrients, undesirable heavy metals and / or organic substances enriched in plant nutrients. Water though unsuitable for reuse in industry or domestic purpose may be quite useful for irrigation of field crops if assessed thoroughly for organic and mineral constituents.

Collection of Irrigation Water Sample:

While collecting irrigation water sample

following precautions are to be taken.

a. One liter water sample is sufficient to carry out most physical and chemical analysis.

- b. Samples should be collected in polythene bottles only. Avoid use of metal containers.
- c.More reliable results are obtained, if samples are analyzed as soon as collected. If preserved for longer time, temperature should be maintained at 4 ° C or 2-3 drops of pure toluene may be added to prevent bacterial growth.
- d. Remove the suspended matter if present, either by centrifugation or filtration. e. Water sample should be collected from the center of the width of the ponds, lakes, reservoirs, canals and rivers avoiding the dust settled on the surface.

Part I: Determination of pH of irrigation water:

Apparatus:

PHmeter, electrodes, beaker.

Reagents:

Buffer (pH = 4), Buffer (pH = 7), Buffer (pH = 9.2)

Procedure:

- a. Allow the pH meter to warm up for 10 minutes before recording the pH.
- b. Calibrate the pH meter using buffer solutions of pH = 4 and 9.2.
- c. Take 25 ml clear irrigation water sample in a 100 ml beaker and measure the pH of water by immersing the glass electrode and calomel electrode.

Result:

a. pH of the irrigation water sample A =

Experiment No: 7

Aim: Determination of Electrical Conductivity of irrigation water samples.

The salt content of the water can be estimated by the electrical conductance measurements. The conductivity of solution of salts is directly proportional to the concentration of a solution. Electrical conductivity is determined by measuring electrical resistance of the solution. The conductance is the reciprocal of the resistance and its unit is mmhos / cm.

Apparatus: Electrical conductivity meter, conductivity cell.

Reagents: 0.01N KCI

Procedure:

I. Determination of Cell Constant

1. Connect the apparatus and conductivity cell

2. Take 0.01 M KCI solution in a 100 ml beaker and insert the conductivity cell into it. And See that the electrodes are completely covered by the solution.

3. Switch on the apparatus and find out the conductivity for 0.01 M KCI solution and hence determine the cell constant.

Observation:

Conductivity for 0.01 M KCI solution (L) = ---- ohm.

Calculation:

Cell Constant = = Specific conductivity of 0.01 M KCI at 25 ° C. / Conductance for 0.01 M KCI

Cell Constant = cm -1

Aim: To determine total hardness of the given sample of water by using EDTA method.

Theory:

Hardness in water is due to the presence of dissolved salts of calcium and magnesium. It is unfit. Hence it is necessary to estimate the amount of hardness producing substances present in the water sample. Once it is estimated, the amount of chemicals required for the treatment of water can be calculated. The estimation of hardness is based on complexometric titration. Hardness of water is determined by titrating with a standard solution of ethylene diamine tetra acetic acid (EDTA) which is a complexing agent. Since EDTA is insoluble in water, the disodium salt of EDTA is taken for this experiment. EDTA can form four or six coordination bonds with a metal ion. Two type of hardness is present in water first is temporary hardness and second is permanent hardness. Temporary hardness is due to the presence of bicarbonates of calcium and magnesium ions. It can be easily removed by boiling. Permanent hardness is due to the presence of chlorides and sulphates of calcium and magnesium ions. This type of hardness cannot be removed by boiling.

Instructions:

- (1) Dilute the given solution of hard water with distilled water to 250 ml. in a volumetric flask and use 25 ml of the diluted solution for the estimation.
- (2) Prepare exact 0.01 M ZnSO₄ .7 H₂O solutions.
- (3)Standardize the given 0.01 M (approx.) EDTA solution.

Principle:

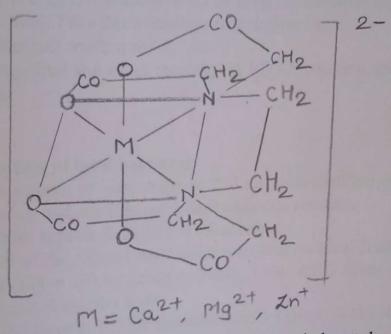
The total hardness of water is mainly due to the dissolved salts of calcium and magnesium. These Ca²⁺ and Mg²⁺ ions readily form complexes with EDTA (Ethylene Diamine Tetra Acetic Acid.) E.D.T.A. is a tetra protic (tetrabasic) acid and its structure is

It is usually written as H₄Y. Actually the disodium salt of EDTA (Na₂H₂Y) is used in the titration and called as EDTA. Both nitrogen and oxygen atoms in EDTA are electron donors, hence it forms chelate complexes with many metal ions. It reacts

with metal ions in the molar ratio of 1:1. The reaction between divalent metal ion; M^{2^+} (e.g. Ca^{2^+} , Mg^{2^+} Zn^{2^+}) can be represented as:

 $M^{2^+} + H_2 Y^2 \rightleftharpoons (MY)^2 + 2H^+$

Most of the cations form stable and soluble complexes with EDTA. Since H'ions are produced during the formation of a complex, the stability of EDTA complexes depends upon the pH of the solution. The structure of the metal EDTA complex is shown below



The quantitative estimation of the metal ions is carried out by titrating their solution against EDTA using suitable indicator at proper pH of the solution. These titrations are usually called complexometric or chelometric. The water sample having Ca2+ and

Mg²⁺ions are titrated against EDTA solution using Eriochrome black-T as indicator. This gives total hardness of the given sample of water.

This experiment involves following steps.

(A) Preparation of standard 0.01 M ZnSO₄, solution.

(B) Standardisation of given EDTA solution.

(C) Estimation of total hardness of water sample.

Chemicals: A sample of hard water -> Given in 250 ml. Measuring flask.

AR ample of hard water -> Given in 250 ml. Measuring flask.

AR grade ZnSO₄, 7H₂O crystals (Mol. Wt. 287.38 g)

Buffer solution (pH = 10) (NH3 + NH₄Cl)

Eriochrome black - T indicator (Freshly prepared)

Procedure:

Part A: Standardisation of given EDTA Solution:

1. Fill burette no. 1 with approximate 0.01 M EDTA solution.

2. Pipette out 10 ml of standard 0.01 M ZnSO₄, solution in a conical flask.

- 3. Add 5 ml. of buffer solution (pH = 10) with the help of a cylinder. Then add 5 drops of Eriochrome Black T indicator. Shake the flask. Wine red colour is developed.
- 4. Add from the burette EDTA solution drop by drop till the wine red colour of the solution changes to blue. Take three readings in a similar way.

5. Note down the constant reading as ' X ' ml.

6. From this readings find the exact molarity of EDTA solution and use it in the further calculations.

Part B: Determination of total hardness:

1. Dilute the given sample of hard water to 250 ml. with distilled water. Take out all solution in a beaker and stir it to get a homogeneous solution.

2. Fill the burette with approx. 0.01 M EDTA solution.

3. Pipette out 25 ml of the diluted hard water sample in conical flask and add 5 ml of buffer solution (pH = 10) by using cylinder. Then add 5 drops of Eriochrome Black -T indicator and shake the flask.

4. Now add from the burette EDTA solution drop by drop till the wine red colour of the solution changes to blue.

5. Take three readings in a similar way.

6. Note down the constant reading as 'Y'ml.

7. From this readings find the exact molarity of EDTA solution and use it in the further calculations.

Calculations:

1. To find out exact molarity of EDTA solution. $ZnSO_4,7H_2O = EDTA$

 $M_1V_1 = M_2V_2$

 $0.01 \times 10 = M_2 \times 'X' \text{ ml}$

 $M_2 = 0.01 \times 10/X$

M₂= ------Exact molarity of EDTA solution.

Part C: Determination of total hardness. Equation:

Calculations:

The hardness of water is usually expressed in terms of calcium carbonate. The reaction is, $Ca^2 + Na_2EDTA \rightarrow [EDTA(Ca^{2+})complex]^2 + 2Na^+ + 2H^+$ From the reaction,

1 mole of $CaCO_3 = 1$ mole EDTA

i.e. 100 g . $CaCO_3 = 1 \text{ mole EDTA}$

Now, we have

1000 ml. 1 M EDTA 1000 ml = .100 gm. CaCO₃

1000ml 0.01 M EDTA = 1 gm.CaCO₃,

1 ml 0.01 M EDTA, = 1 mgm. CaCO₃

But 1 mg / lit of $CaCO_3 = 1$ ppm of $CaCO_3$,

i.e. 1 ml . 0.01 M EDTA= 1 ppm CaCO₃,

For a given sample of water, Y ml (Main titration reading) of M2 molar EDTA is required.

Now 1 ml of 0.01M EDTA = 1 ppm of $CaCO_3$

:. 'Y' ml. M_2 EDTA= $YxM_2 x1 / 0.01 M$

250 ml dilute solution contains = $A \times 10$ ppm of $CaCO_3$,

Result Table:

1	10 ml. of 0.01 M ZnSO ₄ , solution required	'X' ml. of EDTA standardization.
2	Exact molarity of EDTA solution 25 ml of the diluted hard water required	(M). 'X'ml: of EDTA (main reading).
	Total hardness of the given sample of water	ppm.

Aim: Determination of carbonate (CO₃²⁻), bicarbonate (HCO₃) and chloride from irrigation water sample.

Theory:

If the pH of water is more than 8.2 then only carbonate & bicarbonate both species is present other wise only bicarbonate is present in water. Hi, In case of Carbonate and Bicarbonate concentration, u may follow the Alkalinity test. This will give u the exact presence of CO3 and bicarbonate

Part 1: Determination of (CO₃²)carbonate, (HCO₃) bicarbonate form irrigation water sample. Principle:

Presence of carbonate and bicarbonate ions constitutes the total alkalinity of water as temporary hardness. Thus pH of water increases to more than 7.5. This alkalinity causes corrosion; hence its determination is also important for industrial as well as agriculture purpose. The amount of carbonate and bicarbonate ions present in water sample is determined by the titration with standard sulphuric acid using phenolphthalein and methyl orange as indicators. The addition of phenolphthalein gives red colour in presence of CO32 ions and on titration with H₂SO₄, converts these CO₃²⁻ ions to HCO₃, ions and decolourises the red colour.

 $2Na_2CO_3 + H_2SO_4 \rightarrow 2NaHCO_3$, + Na_2SO_4

i.e. $CO_3^{2^2} + H^+ \rightarrow HCO_3$,

Then this colourless solution changes to yellow on addition of methyl orange. This on titration with H₂SO₄, changes to rosy red coloured solution due to conversion of bicarbonate to CO2 and water.

2NaHCO₃ + H₂SO₄ \rightarrow Na₂SO₄ + CO₂ + H₂O i.e $HCO_3^- + H^+ \rightarrow H_2O + CO_2$

Apparatus: Burette, pipette, conical flask, beaker.

Reagents:

i) 0.02N H₂SO₄,

ii) Phenolphthalein indicator.

iii) Methyl orange indicator.

Procedure:

(a) Pipette out 25 ml of the sample of irrigation water in a titration flask. Add 2-3 (b) Tite phenolphthalein indicator. The solution acquires red colour.

(b) Titrate it against standard H₂SO₄, (0.02N) till red colour disappears.

(c) Note the reading and call it as 'X' ml. Find out the amount of carbonate.

(d) To this colourless solution add 2-3 drops of methylorange indicator till yellow colour is obtained to the solution.

(e) Continue the titration with 0.02N H₂SO₄. till colour changes from yellow to pink.

(f) Note this reading and call it as 'Y' ml. and determine the amount of bicarbonate.

Part II: Determination of chloride form irrigation water.

Principle:

This method involves titration of neutral chloride solution with neutral silver nitrate solution in presence of potassium chromate (K2CrO4) indicator. The end point of the titration is the point at which the colour of suspension changes from yellow (due to presence of CrO₄², ions) to reddish brown colour.

$$NaCl + AgNO_3 \rightarrow AgCI \downarrow + NaNO_3$$

 $K_2CrO_4 + 2AgNO_3 \rightarrow Ag_2CrO_4 \downarrow + 2 KNO_3$
Reddish brown ppt .

Apparatus: Burette, pipette, conical flask, beaker.

Chemicals:

i) Standard AgNO₃, solution (0.05N).

ii) 5 % potassium chromate indicator solution.

Procedure:.

a. Pipette out 25 ml water sample into conical flask. b. Add 8-10 drops of potassium chromate indicator solution. Yellow coloured solution is obtained.

c. Titrate this yellow coloured solution against std .AgNO₃, solution added from burette with constant shaking of the flask till reddish brown colour is developed. d. Note this reading as ' Z ' ml. Repeat the above procedure to get a constant reading.

If 'X' is the acid required to convert CO_3^2 to HCO_3 , only upto half stage of Calculation:(PartI) conversion, the volume of acid required for the complete conversion of CO₃², to CO₂ and water to be 2X ml

```
As 1000 ml 1N H_2SO_4 = \frac{1}{2} equivalent of CO_3^{2-}, (upto half reaction)
i.e. 2 (1000 ml 1N H_2SO_4) = 1 equivalent of CO_3^2 = 30 \text{ g of } CO_3^2
2'X' ml of 0.02N H_2SO_4 = 30 \times 2X \times 0.02 / 2000
= 'A' grams of CO_3^2
25 ml of water sample contains = 'A' grams of CO_3^{2-}
:.1000 \text{ ml of water sample contains} = A \times 1000 / 25
= 'B' grams CO_3^{2-}
 Thus Amount of CO_3^{2-}, present in 1 lit water = 'B' grams / liter
Amount of CO_3^{2-}, present in 1 lit water.= B x 10^6 ppm.
ii. Amount of HCO<sub>3</sub> in water sample
As 1000 \text{ ml } 1\text{N H}_2\text{SO}_4 = 1 \text{ equivalent of HCO}_3,
Also 1000 ml 1N H_2SO_4 = 61 grams of HCO_3,
: . Y ml 0.02 H_2SO4 = Y \times 0.02 \times 61 / 1000 \times 1
= A grams HCO_3,
 :: 25 ml water contains = 'A' grams of HCO<sub>3</sub>
 :. 1000 ml of water contains = A \times 1000 / 25 = 'B' grams of HCO_3,
 Thus Amount of HCO<sub>3</sub>, present in water = 'B' grams / liter.
= B \times 10^{6} ppm. =
```

Calculations:(PartII)

b. Amount of chloride in ppm in 1 lit = B x 10^6 = ---- ppm

Results:(PartI)

a. Amount of CO₃² present in water = per / liter

b. Amount of HCO₃ present in water = ---- per / liter

(PartII)

a. Amount of chloride in the water sample is-----per / liter

Therefore irrigation water sample is -----

Rating Scale:

Amount of Chloride Recommendations

- 1. Less than 5 meq / lit =Excellent
- 2. 5 to 10 meq / lit = Good, can be used safely
- 3. 10 to 15 meq / lit = Doubtful
- 4. Greater than 15 meq / lit = Unsuitable

Aim: Determination of TDS or dissolved oxygen (D.O.) of irrigation water by Winkler's Method.

Determination of Total Dissolved Solid by using Water Analyser Kit. Principle:

The level of dissolved oxygen depends on the physical and chemical activities of water body. The analysis of D.O. plays a key role in water treatment, process control and water pollution control activities.

In this method, Mn (II) and an alkali is added to the water sample. Oxygen in water oxidizes Mn (OH)₂toMnO₂. The Mn (IV) produced in solution is determined iodometrically.

Apparatus: Burette, pipette, conical flask, stoppered bottle.

Reagents:

Manganous sulphate solution, Alkaline iodide sodium azide solution, 0.025N Na₂S₂O₃, 0.025N K₂Cr₂O₇, starch indicator,conc. H₂SO₄.

Procedure:

I. Standardization of 0.025N Na₂S₂O₃, Solution:

- a. Pipette out 10 ml K₂Cr₂O₇, solution in a conical flask. Add to it 10 ml KI and
- 2 ml conc. HCI.Place the bottle in dark for 5 mins.
- b. Add 1-2 drops of starch indicator, blue solution is obtained.
- c.Titrate this against $0.025N\ Na_2S_2O_3$ solution. Note the constant burette reading and call it as ' X ' ml and calculate the exact normality of $Na_2S_2O_3$ solution. End point is blue to colourless.

II. Determination of dissolved oxygen:

- a. Pipette out 100 ml water sample in a 250 ml stoppered bottle.
- b. Add 2 ml of MnSO₄, solution and alkaline iodide sodium azide solution. Brown precipitate is obtained. Shake well and allow the precipitate to settle.
- c. Add 2 ml conc. H₂SO₄ to dissolve the precipitate.
- d. Add few drops of starch indicator. The solution becomes blue. Titrate with 0.025N Na₂SO₃. Solution when blue colour of the solution changes to colourless at the end point.
- e. Note the reading as 'Y'ml.

Calculations:

1. Exact normality of Na₂S₂O₃solution.

 $Na_2S_2O_3 = K_2Cr_2O_7$

 $N_1 V_1 = N_2 V_2$

 $N_1 \times X' = 0.025 \times 10$

 $N_1 = 0.025 \times 10 / X = ----N.$

:: Exact normality of Na₂S₂O₃, is=---- N.

II. Dissolved oxygen in water sample:

Dissolved oxygen in 100 ml water sample (inppm) = ----Volume of $Na_2S_2O_3$

Result:

a. Exact normality of Na₂S₂O₃, solution= ----N.

b. Dissolved oxygen in water sample: = -----ppm.

Conclusion: The given water sample is polluted / non - polluted. Rating scale for dissolved oxygen = 4-6 ppm in ordinary water.

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Associate Professor,
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Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Chemistry

"Soil and Water Analysis Course Out comes"

Soil Analysis Course Out Comes.

- 1) Gained in depth knowledge on the pattern of soil cover.
- 2) Able to characterize for effective utilization of land for agricultural purposes.
- 3) Import Knowledge about the techniques of soil Fertility evaluation.
- 4) Clear Understanding of soil health & soil Quality indices.

Water Analysis Course Out Comes.

- 1) Understand meaning of important parameter for measuring water Quality
- 2) Water Quality Criteria & Standards and their relation to crop.
- 3) Plan water quality surveillance for a given aquatic environment and to understand water a test result means in terms of the health of the ecosystem.

Date: 24/03/2022

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry

STUDENT NOTICE

All the students of Science faculty of our college are informed that, Department of Chemistry will be conducted Certificate Course on "Soil and Water Analysis" from 01st April 2022 to 30th June2022. The course gives information about the fertility status of soil and suitability as plant growing medium, through laboratory analytical research method. All the students of science faculty are must to attend the course. The Time table will be displayed on the notice board.

Registration Link: https://forms.gle/VyVWUxsuJeR8nBCJA

(Miss. S. B. Ambadkar) Co-ordinator

Arts, Sauce & Commile Rahata, Dist. Ahrs.

(Prof. A. S. Tambe)

(Prof. S. V. Lahare)

Principalal

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022) Time Table

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11:35am - 12:15pm	T.Y.B.Sc		SBA	SBA	SBA	SBA	SBA

(Miss. S. B. Ambadkar) Co-ordinator

(Mr. A.S. Tambe)
Dept Head mistry
Science & Commerce College,

Rahata, Dist. Ahmedbagar

Arts, Science & Commerce College, Raheta, Dist. Ahmednagar

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Attendance(April -2022)

Sr. No	Name of the Students	01/04/202	04/04/2022	05/04/2022	06/4/20m	OF/4/2020	no2/4/80	09/4/2022	11/4/2020	12/4/2020	12/4/2020	16/4/2020	18/4/2020	19/4/2022	20/4/202	21/4/2002	22/4/2020	23/4/2020	25 1412022	, 26/412°22	27/41202	28/4/20	29/412020	20/412002	1			1
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56	Jadhav Priti Sharad	看	THE	TABLE	喜	葡萄	南	南	图	南	曹	園	TRAIL	History	南	煮	直	The	TO TO	西	A ARIE	西	Fia				
57	Jejurkar Akash Prakash	Made	Mals	ales	aluly.	Judy	No.	NO.	3	Jell .	3	3		M	My	Ser.		Carl Carl	1	W.		July State					1
58	Jejurkar Arti Vilas	Dept	Huhl	Carlo	Will S	Mill	THE STATE OF THE S		THE STATE OF THE S	NA STATE OF THE PARTY OF THE PA	Ship.	The state of the s	Lee D.	NA TON	Mill Will	200	My Market	Mary Control	Sign of the same	9 7	3	Service Mark	100			100	1
59	Jejurkar Atul Suresh	Carlo Carlo	CHANG	CAN !	CHA.	C THE	200	C LINE	N. S.		3	340	Na Paris	M	Constant of the Constant of th	Sec.	2	Year	Parks	San	lo-des	7	les de				1
60	Jejurkar Pratiksha Sunil	園	See See	富	Sold Services	Salar S	Series Series	THE PERSON NAMED IN COLUMN TO PERSON NAMED I	西西	西面	多	Se les	N N	SE S	国	Sparker Stranger	Bernet	Sold Sold	Same?	Se S	Berrich	Bean	Bernand				1
61	Kasar Abhishek Bhausaheb	X	X	XX	X	X	X	NX	N	N	NX NX	N/	X	NX ONEI	X	X	X	NY NY	X	NY V	X	NX					-
62	Kudale Shraddha Bhimraj	1	3	3	1	10	3	1		1	0	1)		1	1	1	13	5	1/2	1	31				1
63	Lute Dnyaneshwari Manoj	Myc 1	Lude 1	June 1	Aude	Little	Must 1	Just of the second	Lange	Jute -	dut.	whe !	une	dute 1	Juke 1	Leite 1	dute	dude 1	Str - Fe	Luste #	dette 10	duste 1	tute !				
54	Malve Leena Raju	Poene	\$5	deens	1.cen	de la company	teene		leng	Leen	teena	(Bang)	lement	Agne -	leem	Agene ?	America .	4	Menny	Saus	(Leens	leena	Jeen				
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70	Nirmal Adesh	C		001	*		9		100	30	5		(30)	W X	100	X	TO TO				X	No.	'W	為	100	A,	4
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71	Nirmal SumitDipak	2	X	do	Sil	Sal	m	rod	ho	hid	M	1	63	(m)	ny	h	ha	n	(2)	M	la	No.	10	Y2	Nas K	3	100
72	Padawal	(28)	08	1/8	28	NS	(A)	18	8	18	V3/	Na.	200	1	18	13	100	Y	18	2	1	100	100	100	100	M	128
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73	Shivaji Pathan Arbaj Najir	A	03/	(0)31	(3)	108	Q	03	B	13	B	0	193	P	8	10	0	0	0	Ø	100	10	NO.	W	100	1	1
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74	Pokale Pratik	BL. CO.	3	13	3	Be	Poker	Poteck	A S	Ker	BRU	Blu			3	130	E. S.	E.	3	KE	3	3	3	7	3	7	
75	Shantaram Ranmale Shrutika	000	1	(E)	3		1 1	1 2	Bu Ber	Poker	Sec.	æ	8	000	E	Parte	Bee	(8)	0	3	9	0	4	0	9		
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76	Raut Manisha	雪	A Party	The	and my	made	TO BE	Det !	Tall I	300	五	Book	The day	and a	曹	Mary W	1	Part I	The state of the s	The state of the s	THE REPORT OF THE PERSON OF TH	3	夏	and the	The state of the s		
77	Balasaheb Tathe Manjusha	7	1,		E	E	T	1	13	E	B	10		100				3	13	2	P	2	E	9	(3)		
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80	Bombe Mayur Kailas	A S	E S	The state of the s	The state of the s	13	The same	1	The state of the s	THE	7	35	18	200	THE STATE OF THE S	3	To the second	*	9	18	3	3	The	\$	To the same of the		
81	Dhatrak	No.	7	40	(A)	W/		40		4		X		The state of the s		98/	4	7	NP	~ ·	0		4	200			
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82	Dokhe Roshan Suresh	0	0	Par	W/	100 L	2	0	QU.	0	REN	Pet	02	00	(Q)	20	(28)	PAG	2	a	R	(8)	(P	0		
83	Dukare Ajit Sanjay			0	0.	0	-									3			0			~	-	M			
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84	Gadekar Sanket Dnyaneshwar	ront 9	KONT	200x2	conxe)	ON	pro	onker	POR	one)	ante	neel	onte	rocts	sante)	Jone)	onte)	100th	MARCH	100kg	KONY	nort)	100	wate	wate)		
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Ambachur

Dept. of Chemistry

Arts, Science & Commerce College,

Rahata, Dist. Ahmedhagar

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101	Bawake Gayatri Madhukar	Thurs.	W. Committee	THE STATE OF THE S	Total de	STORE STORES	S. C.	12	The state of the s	3	The state of the s	A CONTRACTOR OF THE PROPERTY O	3 CH	338	TOTAL	THE REAL PROPERTY.	Sale Sale Sale Sale Sale Sale Sale Sale	THE REAL PROPERTY.	A STATE OF THE PROPERTY OF THE	A STATE OF THE STA	MA	A STATE OF THE PARTY OF THE PAR	A A	S.	NO NO	
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104	Cholke Sandesh	1	7	7	7	1	40	10	7	1	-	-	7	1	1	5	1	7,	4	7	14	7	1	105	1		4
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(Miss.S.B.Ambadkar) Co-ordinator (Mr. A\S. Tambe)
Head of Chertaltry Department
Dept. of Chemistry
Arts, Science & Commerce College,
Rahala, Dist, Ahmednager

(Prof. S. V. Lahare)
PRIMIPIAL
Art's, Science & Commerce
College, Rahata

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Attendance (May -2022)

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9	Dukare Ajit Sanjay	0	B	(P)	(A)	A	B	(A)	(A)	P	A	P	A	A	A	A	(A)	A	P	(A)	(A)	R	A	18		
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3	Ghorpade Hritik Dattatray	ONE	Though the	Mary	Ophrod	Ne Ne	hate	Jenny.	Marie	A STATE	Sea of	West .	hard	white	Jan C	No.	The same		The state of the s	To fee	A Par	in the	33	/		
4	Ghorpade Kiran Balasaheb (To the	(32/4)	34	Sur	Nester Nester	San	Ollan	O3/	25	100	(25/c	A LONG	Sept.	The state of the s	3	24 J	20 (E)	200	2/20	28 CA	18 C	3			1
5	Jejurkar Vandana Babasahb	The state of the s	and the	Calgar,	Copy	arden	STATE OF THE PERSON OF THE PER	Tale of the second	order!	3		No.		Note of the second	CA SOL	THE STATE OF THE S	Sept of the sept o	COUNTY OF THE PARTY OF THE PART		Capital Capital	A STATE OF THE STA	rden's	and a	7		
6	Jondhale Dattatray Jagannath	Box	15 The	Opis	Frit Brit	Ord	Ser.	Car.	Ser. I	Zat.	Sept.	Bar.	The state of	250 H.S.	2000	A STATE OF THE PARTY OF THE PAR	AN V	AF S	265	De St	The state of	26.5 26.5	di			
7	Khambekar Roshan Sunil	A STATE OF THE STA	25	OF THE	**************************************	130	3	63	OF THE PROPERTY OF	W. Cal	3	8	8	(A)	8	34	34	8	2	200	200	5				
8	KohakadeTushar Babasaheb	B	16	Qu	Bu	(Be	(Ba	Then	R	a	B.	B	Bu	Bu	Pa.	Ou	Bu	B.	Pa.		Q.	R.	Da.			
9	Lahare Sudarsha Gorakshanath	Soft S	100	Sold of	019	Solo	Sec. 6	The state of the s	BARL	SAL)	Sep.	Coledon Coledon	Enel B	Sales Sales	Septe	Serve S	Server B	Sel. Co	Sales A	OKEN TO THE PROPERTY OF THE PR	BYR	Contract of the Contract of th	SOLCH.			
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Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

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4	Tribhan Arti Ramdas	Phi	epic	eri	eja (Bis	eri	2 Min	e je	Dir	@ir	@ir	(Right	@pix	e ji	PH/S	ghi.	@hi	Pi	N. C.	NO	Sign of	W.				
5	Turakane Shubham Balasaheb	Du	Q	Q .	Q .	® ,	0	Q.	B.		TS.	Be	(Sale	De	Qu	R.		(Ch	(Bu		D	Be	Q				
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56	Jadhav Priti Sharad	高	THE	MA	THAB	南	Marine M	香	南	HAT	南	曹	西	惠	事	再	書	南	The state of the s	型	TO THE PERSON NAMED IN	老月	Mali Mali				Ī
57	Jejurkar Akash Prakash	No.	No.	THE STATE OF THE S	Mader	1		CONTY.	THE STATE OF THE S	CHANGE OF THE PARTY OF THE PART	Name of the last	TO THE PARTY OF TH	AN STATE OF THE PARTY OF THE PA	No.	OR MAN	300	No.	The state of the s	The state of the s	The state of the s	Con land	The state of the s	The state of the s				
58	Jejurkar Arti Vilas	dul	A Quel	Aut	Aud	and	the state	And	FAU	du	The last	M	Codult	alud	Aunt	And	Aut	Huld	Med	Audi	Mark	ANA ANA	Mac	8			1
59	Jejurkar Atul Suresh	Non	A Park	The same of the sa	The second	1/2 lung	The state of the s	Detton.	Roll	John	Jan 1	Ban	THE STATE OF THE S	The state of the s	Market State of the State of th	Bless	Helinne	Morn	Mann	Down	Tolk	han	Com Com				1
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61	Kasar Abhishek Bhausaheb	H	1	H	1	A	1/4	H	1	1	H	11	H	1	4	14	#	11	#	11	11	J.	#				1
62	Kudale Shraddha Bhimraj	End	pm	1	pr	7	E	7	3	3	1	3	1	2	7	ब	B	3	d	7	2	1	A				1
63	Lute Dnyaneshwari Manoj	1110	leute.	The same	Auto I	dusto	Auge 1	-dute	1	V P	LUNE	1	Juste		dule	(tude	Juste	deen tude	lesse	Luste	Lute	lute	duse				
64	Malve Leena Raju	1 4	le le le	Leen	Jen.		Een	1 3	760	1	The sale	deen,	(Fen	den	leen.	Cheen	deem	Jeen	doon	To all	deem	dame	3/				1
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78	Tribhan Ganesh Nanasaheb	BA	THE STATE OF THE S	The state of the s	THE PARTY OF THE P	- This	THE STATE OF THE S	The state of the s	THE STATE OF THE S	STATE OF THE PARTY	THE STATE OF THE S	State of the state	THE STATE OF THE S	Total Control	Militar	A CONTRACTOR	Contra	- And	Sith	Salar C	100	Calific	Seller.				
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82	Dokhe Roshan Suresh	1	B	P	P	A	P	1	B	P	R	0	B	8	R	B	B	(P)	B	B	R	(8)	B				
83	Dukare Ajit Sanjay	D.	(A)	@	(1)	P	A	(1)	P	(1)	(A)	D	(1)	1	R	A	0	1	P	1	1	(1)	M				
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3	Ghorpade Kiran Balasaheb	32	34	34	37	But	3	100	Selection of the select	34	1	the	3	St.	30	38	Age of the second	33	4	100	300	30	3	Y		T
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92	Kohakade Tushar Babasaheb	(B)	The last	Bu	Bu	Bu	Ca.	B.	Bu,	Bu	Bu	B	De Con	Bu	Bu	Bu	Bu	Du.	Car.	(Au	Par	COL.	R			
93	Lahare Sudarsha Gorakshanath	Sulle A	THE SHAPE	Bull.	Though .	Cong.	0	Soft	TONG.	Total	Chen	Stope Contract	September 1	To Man	700	Total Park	Con Constitution	9	PART OF THE PART O	Hotel	Dolog .	Bild	BAN.			
94	Londhe Pooja Popat	Cons	To To	Port	Don	Deg.	Shirt Shirt	Deig.	Hao!	Cond	Plond	Londs.	(Lond)	Theory.	Con 1	Star of	Sond	Sea Sea	Ser.	Plond	Plonda	Pool	Und			
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97	Tambe Vaishnavi Adinath	0	Blows	Act.	そっち	Harry	Tem	Sterry	Prato.	Acuto	Saten	Jan S	Shorts	Jemb	Jung.	THE STATE OF	Sherry S	Junto	The same	ACT A	Market	Jung 1	Part of			
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65	Chitte Swapnil	13]	121	3	1		1En	-1	II		21	0.3	1					2			103		T		1 \$	21	71
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108	Dattatraya	200	3	A A	P.	A.	6	(2)	300	0	9	6	9	d	3	9	Tes	Ad	(3)	(2)	100	188	6	1	100		
109	Game Priti Shivaji	N. S.	B.		Na.	Bis.	N. A.	1.3	D'A	XX.	酒	·E.	Bir	iki	爱	· Ed	TO THE	The same	AND A	T. S.	图	国	B				
110	HemkeVrushali Rajendra	Short	Same	Mach	Sold I	Small	Spark	Bas	Blond	Speak	Smoth	Greke	South	Book	No.	Court	One	The same	Short S	Space	COMPANY	Sales	ASUS.	The same	The same	8	

(Miss.S.B.Ambadkar) Co-ordinator

Art Science & Comments Garment

(Prof. S.V. Lahare)
PRIME PAL
Art's, Science & Commerce
College, Rahata

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Attendance (June -2022)

Sr. No	Name of the Students	2/5/2022	415/2022	5/5/2022	6/5/202	41512022	215/502	15/2022	11/5/2022	12/15/202	13 15/2022	1.4 15/2022	17 15/2022	18 15/2022	19 15/2022	20/5/202	2/15/200	23/5/22	24 15/202	25 15/2022	26/5/202	15/	28 15herr	30 15/202	31. 15/1022				
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28	Padawal Chandraka- nt Shivaji	商	8	to	last last	to	te	to	THE STATE OF	18 P	COST COST	(ast	Out Out	THE STATE OF	10	3	B	Est.		at a	16.4	40	Can .	17	S S S S S S S S S S S S S S S S S S S				
29	Pathan Arbaj Najir	Sept and Sep	Brown and	Q.15%	Orbs &	1000	648	3	300	Sep 3	Service Servic	क्षिक	Orby.	G-by	Charles of the Charle	100 P	69.00	64.50	o pool	3000	1000	Sept 1	ST S	Caro Caro	0000				
30	Pokale Pratik Shantaram	Poor!	PORTIL	Batik	A Hood	Powil	Pout 1	(Pochil	1) Harrie	Pari K	7 TOB	Postiv	Barik	Baik	Poatie	Poul L	(Bail	Post 1	(Partic	Podill	1700	(Pourill	Posti	Bray!	Bosin				

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34	Tribhan Ganesh Nanasaheb	hibitan bitan bita
35	Waghe Rohit Uttam	Tesuit. Tes

(Miss.S.B.Ambadkar) Co-ordinator

(Mr.A.S.Tambe) Head HEAD

Dept. of Chemistry
Arts, Science & Commerce College,
Rahsta, Dist. Ahmedhagar

(Prof. S.V.Lahare)

Principal Principal Arts, Sdence & Commerce College, Rahata, Dist. Ahmednagar

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Monday

Dept. of Chemistry

Arts, Science & Commerce College,
Rahata, Dist. Ahmednagar

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104	Cholke Sandesh Dnyandev	20	001	80	2	2	2	25	19	2	00	2	9	3	7	à	3	30	3	3	3	2	a	9	8		
105	Dange Gayatri Dilip	100	9	as	200	000	A I	B	000	1	1	100	18	188	0	8	881	963	剧	8	000	100	Jean	B	8		
106	Dapatkar Kirti Anant	King.	萬	下江	Kinik	公司	KIN.	臣	EPT	Tein	द्वित्र	Cit	上江	Lin	Kin	75	45/34	中	17	KINT	Lall Lall	Link	Kin .	414	トント		
107	Gadhave Aditya Sanjay	AT.	Alle.	T	A PARTY	Pitua	は	Altho	Setto	deliter	die	dorton	The.	No los	ALC: NOTE OF THE PARTY OF THE P	dita	Silita	Lillo	Albert .	A. C.	P	Lath	delle	Alhu	Aluly		
108	Dattatraya	3	Pine	B.C.	P. C.	Hen.	Pour	Bul	A. A. L.	A.C.	Bul.	B.	Boul	Ed.	Bar	Man	Eden.	Burn	Pare	B	Par San	B	6	(a)	V		1
109		To Take	13	7 20	100	N THE	· EEE	188	震	To the second	To the	3	THE PROPERTY OF THE PROPERTY O	B.	E. S.	THE STATE OF THE S	MEST	maggal.	Way.	Tree	Right	igi	Sp. Miles	村村	图		
110	HemkeVrushali Rajendra	20	A Call	(2)	The same	Then	Mary 1	Them	Soul Co	The said	Poster	Men	Amels	Pine	mico	Bear	Rem	Home	Spiet	Smal	Small	mek	N more	Growth	Smake		

(Miss.S.B.Ambadkar) Co-ordinator

(Mr. A.S. Tambe) Head of Chemistry Department HEAD Dept. of Chemistry Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

(Prof. &V.Lahare)

Principal PRINCIPAL Art's,Science & Commerce College,Rahata

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

Name of the Student: Agre Francy Ramesh.

Name of the Farmer: -

tyre Ramesh Murlidhar

Survey No.: 332/2

Village: Ekrukhe

Tel: Rahata

Dist.: Ahmednaggs

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	6.24	Normal
EC of Soil	0 – 1 dms	1.02318	Rood Seed emergence medium calcareous
CaCO ₃ % of Soil	0.5 %	4.9 00	medium
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16,1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	Prondseed ernergence More hard
Hardness of Water	< 1	2030 ppm	convert hand
CO ₃ ² , HCO ₃ , chloride in water	< 5 meg/lit	1-42 poellit	Excellent.
TDS in Water		8.goppt	

Date: 30 | June | 2022

Miss.S.B.Ambadkar Co-ordinator

Arts, Science & Commerce College, Rahata, Dist Ahmednagar

Arts, Science & Commerce College,

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

Name of the Student: Bawake Gayaka Madhukar

Name of the Farmer: natha Madhav Kalhapursurvey No.: 221

Village: Panegood Tel: Nevasa Dist.: A. Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6,24	Normal
EC of Soil	0 – 1 dms	1.02318	Bood seed
CaCO ₃ % of Soil	0.5 %	4.9%	Medium
Gypsum Requirement Kg/ha	0.160	25, 899.84	
Organic Carbon	-	16. 1637	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	8.48	Normal
EC of Water	0 - 3 dms	18.8 Ms	Bood Seed
Hardness of Water	< 1	2030 PPM	None have
CO ₃ ²⁻ , HCO ₃ , chloride in water	<5 may lit	1.42 Per /14	
TDS in Water	-	8.10 PPŁ	-

Date: 30/06/2022

Miss.S.B.Ambadkar

Co-ordinator

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

Seen of the Student: Afficurate

Arts, Science & Commerce College

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

Name of the Student:

Rambhau Balourar parsare.

Survey No.

Village: Adgoarred Tel: Robate Dist.: A Nagar.

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.34	Normal
EC of Soil	0 – 1 dms	1. 92318	good seed
CaCO ₃ % of Soil	0.5 %	4.9.10	medium cali cureous
Gypsum Requirement Kg/ha	0.160	24,899.84	_
Organic Carbon	-	16.1637	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8 Ms	good seed emurgery
Hardness of Water	<1	2030 ppm	
CO ₃ ²⁻ , HCO ₃ , chloride in water	15 megllit	1.42 perluit	Exclust
TDS in Water	-	8.10bbf	-

Date: 30 06 2022

Miss.S.B.Ambadkar Co-ordinator Sign of the Student:

Mr. A.S. Tambe

Arts, Science & Commerce College, Rahata, Dist. Ahmednager Prof.S.V. Lahare

Principal Principal

Arts, Science & Commerce College

Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

Name of the Student: Chitte Scarpail Scanjay

Name of the Farmer: Chitte Scanjay bharles Survey No.: 97/2

Village: Sakuri Tel: Dahaka Dist.: Anayer

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.249	pormai
EC of Soil	0 – 1 dms	1.82318	for Seed Emergence
CaCO ₃ % of Soil	0.5 %	6.9%	medium accion
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16.1637	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7-48	pormal
EC of Water	0 - 3 dms	14.9 145	produced ernergence more Hand water
Hardness of Water	< 1 mg/11.	2030 ppm	more Hand
CO ₃ ² , HCO ₃ , chloride in water	Limoglit	1.42 pag lit	
TDS in Water		8.10	-

Date: 30/00/2022

Miss.S.B.Ambadkar Co-ordinator Mr. A.S. Tambe

Dept. of Chemistry

Arts, Science & Commerce College,

Sign of the Student:

Prof. S.Y. Lahare

Principal

Arts, Science & Commerce College

Rahmta, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

Name of the Student: Tejurkar Vandana Babasaheb

Name of the Farmer: Thorat Dattu Shivram Survey No.: 165/4

Dist.: A. Nagar Village: Astagaon Tel: Rahata

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.	Normal
EC of Soil	0 – 1 dms	1.203	germinan
CaCO ₃ % of Soil	0.5 %	4.9%	Medium
Gypsum Requirement Kg/ha	0.160	24,899.8	, -
Organic Carbon		16.1637	

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	14.9 Ms	Good seed
Hardness of Water	<1	2030ppn	5 h
CO ₃ ² , HCO ₃ , chloride in water		1.42/1	
TDS in Water		8.10m1/4	

Date: 30-6-2022

Miss.S.B.Ambadkar Co-ordinator

S. Tambe

Dept. of Chemistry Science & Commerce College, Rahata, Dist. Ahmeonagar

Sign of the Student:

College, Rahata

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

- $(01st Apr$	il 2022 to 30th Jun	ie2022)	
Name of the Student:	Datatro-	Cannoth	
Tall 1	T	05 1	15
Name of the Farmer: Jondhale	Jagnnath	BINKA	Survey No.:
		1	A. Nagar
Village: Wakadi Tel: Rol	<u>lara</u>	Dist.: —	1100
Soil Testing Downwater		Observed	Rating

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	6.9	Normal
EC of Soil	0 – 1 dms	0.9×103	Good for germination
CaCO ₃ % of Soil	0.5 %	3.001	Noncarius
Gypsum Requirement Kg/ha	0.160	237674	-
Organic Carbon		18:30	-

Water Testing Parameter	Standard	Observed	Rating
pH of Water	6.5-8.4	7.48	Normal
EC of Water	0 - 3 dms	17.8	Wore hard daming
Hardness of Water	< 1	10168	Morehard
CO ₃ ²⁻ , HCO ₃ , chloride in water	< S M EP/11	k 42/1it	_
TDS in Water		9.85	-

E WILL

Mr. A.S. Tambe

Date: 30/06/2022

Miss.S.B.Ambadkar

Co-ordinator

Head
HEAD
Dept. of Chemistry

Sign of the Student:

Prof.S.V. Lahare

Sondhale

Art's, Science & Commerce College, Rahata

Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY SOIL AND WATER ANALYSIS REPORT

Name of the Student: Turkane Shybham Balasaheb

Name of the Farmer: Turkune Kashinath Ravaji Survey No.: 122/23

Village: Pimpalvadi Tel: 9096234799

Dist .: Ahamad ragar

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 -7.5	:6.22	Normal
EC of Soil	0 – 1 dms	1.203	Good See- Germination
CaCO ₃ % of Soil	0.5 %	4-9	medium (alcanius
Gypsum Requirement Kg/ha	0.160	24,899.84	-
Organic Carbon		16.1637	-

Water Testing Parameter	Standard	Observed	Rating	
pH of Water	6.5-8.4	7.48	Normal	
EC of Water	0 - 3 dms	14.9 Ms	Good seed Germination	
Hardness of Water	<1	2030 ppm	more hard water	
CO ₃ ² , HCO ₃ , chloride in water		1.42 1 meter	-	
TDS in Water		8.10 m1/Lit	_	

Date: 30/06/2022

Th

Co-ordinator

Sign of the Student: Mulely 3

Tambe

Art's, Science & Commerce College, Rahata, Dist. Ahmednagar

College, Rahata

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

SOIL AND WATER ANALYSIS REPORT

(01st April 2022 to 30th June2022)

Name of the Student: LAHARE SUPARCHAN GORAKSHNAH

Name of the Farmer: LAHARE GORAKSHNATH NIVRUTT Survey No.: 23

Village: WAKADT Tel: RAHATA Dist.: A NACIAR

Soil Testing Parameter	Standard	Observed	Rating
pH of Soil	6.5 - 7.5	4.49	acidic
EC of Soil	0 – 1 dms	0.98103	good for germination
CaCO ₃ % of Soil	0.5 %	3.001	Non-calcoriou's
Gypsum Requirement Kg/ha	0.160	237674	
Organic Carbon		18.30	_

Water Testing Parameter	Standard	Observed	Rating	
pH of Water	6.5-8.4	7.48	Normal	
EC of Water Hardness of Water	0 - 3 dms < 1	14.8	poor seed germination	
			more itard water	
CO ₃ ² , HCO ₃ , chloride in water	(5 MEG)	42 Lit	-	
TDS in Water		9.95		

Date: 30/06/2022

Miss.S.B.Ambadkar

Co-ordinator

Sign of the Student: Gudavia

Prof.S.V.

Art's, Science & Commerce College, Rahata

Mr. A.S. Tambe

Dept. of Chemistry

Art's, Science & Commerce College,



ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



DEPARTMENT OF CHEMISTRY REPORT OF CERTIFICATE COURSE

TITLE OF THE CERTIFICATE COURSE

: Soil and Water Analysis

COURSE DURATION

: 01st April 2022 to 30th June2022

TIME

: 11:35 am -12:15 pm

ORGANISED BY

: Department of Chemistry,

SSRI's, ASC College Rahata.

DETAIL SUMMERY:

The Department of Chemistry of our college was organized Certificate Course on the topic entitled "Soil and Water Analysis" for the undergraduate students of science from 01st April 2022 to 30thJune 2022.

The workshop for syllabus framing was organized at the department of Chemistry of ASC College Rahata on March 2022. Dr.B.K.Uphade, Associate Professor, PVP College, Pravaranagar and Mrs.C.S. Karle. Assistant Professor. ACS College, Satral was invited as an expert for the syllabus framing. Also Prof. A. S. Tambe, Head Department of Chemistry and Dr.G.D.Shirole, Associate Professor, ASC College, Rahata was present for this syllabus framing workshop.

The main and basic objective of this soil and water testing program is to determine their fertility status and suitability as plant growing mediums. The developed laboratory research analytical techniques are provided good methods for estimation of plant available nutrients, to determine the optimum soil test levels for various nutrients for specific soil and crop combination.

The sample of soil and water for this course are collected from various villages of Rahata Taluka like Adgaon, Kelwad, Nirmal Pimpari, Khadke wake, Pimplas, Sakuri, Wakadi, Ranjangaon etc.

This method quantifies the P^H of soil and water. It is based on the measurement of P^H by using Water Analyzer Kit and P^Hmeter. TheP^H of soil and water is between slightly acidic to normal in nature. The amount of soluble salt is also quantifies, it is based on the measurement of Electrical conductivity. The Electrical conductivity for most of the sample is within the range, which indicates normal to seed germination. This method also quantifies the amount of CaCO₃ of soil and it is within the range from non calcareous to medium calcareous. Then determine the gypsum requirement. It's rang varies from 19418.11- 24899.84Kg/h.

The method of water analysis quantifies the amount of dissolved salt of calcium ion and magnesium ion and also carbonate, bicarbonate and chloride from irrigation water sample and it's within the range of normal.

The total 110 students of TYBSc were participated in the course. The students were satisfied with the course.

All the staff of Chemistry Department co-operated and supported for the success of course. Miss.S.B.Ambadkar worked as Co-ordinator and taken outstanding efforts for smooth conductance of the course. Honorable Dr.Mahesh Kharde, Director of SSRI and Honorable Prof. Sanjay Lahare, Principal of the college were motivated and supported for the organization of this course. Honorable Prof. A. S. Tambe HOD of Chemistry department guided for this course.

(Miss. S. B. Ambadkar) Co-ordinator

(Mr. A.S. Tambe)

Art's, Science & Commerce College, Rahata, Dist. Ahmednagar

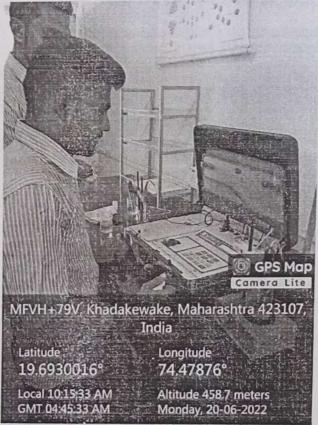
(Dr.V.P.Bhalekar

IQAGOAC Ordinator

(Prof. S. V. Lahare)

PRINCIPAL Art's, Science Webmmerce College, Rahata







Ambadler.

Dept. of Chamistry

Arts, Science & Commerce College,
Rahata, Dist. Ahmednagar

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Chemistry

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Name of the student: Agre Pranav Ramesh Date 28/06/2023 Mark: 20

Q. Attempt the following.
1) Which fertilizer produces acidity in soil?
(a) Ammonium sulfate (b) sodium nitrate
(c) Calcium ammonium nitrate (d) Calcium nitrate
2) Optimum growth of bacteria in soil
(a)acidic (b)alkali (c)neutral to slightly alkaline (d)slightly acidic to neutral
3) How should the conducting materials be in terms of malleability & ductility?
(a) High malleable, less ductile (b) less malleable, less ductile
(c) Highly malleable, high ductile (d) less malleable, highly ductile
4) Example of low resistivity material is
(a)silver (b)magnesium (c)manganese (d)tungsten
5) Which one is lower category for classification of soil?
(a) soil order (b)family (c)soil series (d)none of the above
6) PH. meter measure
(a)H ion activity (b)H ion concentration (c)Al ions (d)all of the above
7) EC (electrical conductivity) meter measure
(a) total size in soil (b) soluble soil in salt (c) both the salt (d) none of the above
8) The unit used for the measurement of electrical conductivity is
(a) ds/m (b) ds/cm (c) mg/m (d) both a & b

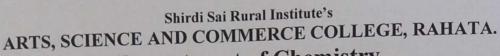
9) Which among the following soil types is the most fertile soil?
(a) Black soil (b) desert soil (c) peaty soil (d) mask soil
10) Which of the following nutrient is cycled in the soil through atmosphere?
(a) Phosphorus (b) potash (c) zinc (d) nitrogen
11) The nitrate concentration in domestic water supplies is generally limited to
(a)10ppm (b)15ppm (c)30ppm (d)45 ppm
12) Carbonates in water produce
(a) Temporary hardness (b) permanent hardness (c) acidity (d) alkanity
13) Water losses in water supply is assumed as
(a) 5% (b) 7.5% (c) 10% (d) 15%
14) Water is liquid at room temperature
(a) High boiling point of water (b) high melting point of water
(c) High heat of vaporization of water (d) cohesive forces due to hydrogen bond in water
15) Water is a
(a) polar solvent (b) non polar
(c)an amphipathic solvent (d) non polar uncharged solvent
16) The H-O-H bond angle in water molecule is
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5°
17) The oxygen atom in the water molecule due to its high electronegativity bears
(a) 18^+ charge (b) 28^+ charges (c) 18^- charge (d) 28^- charges
18) A single water molecule can form how many hydrogen bonds at a time
(a) 1 (b) 2 (c) 3 (d) 4
19) Which one is a process in which water charges into vapor in atmosphere?
(a) Evaporation (b) transpiration (c) precipitation (d) condensation
20) Which is a result of condensation of water vapors?
(a) Rain (b) snowfall (c) hail (c) tinly water droplets

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Name of the student: Bawake Gayathi Madhuka Pate: 28/06/2023 Mark: 20

Q.	Attempt the following.
1)	Which fertilizer produces acidity in soil?
((a) Ammonium sulfate (b) sodium nitrate
	(c) Calcium ammonium nitrate (d) Calcium nitrate
2)	Optimum growth of bacteria in soil
	(a)acidic (b)alkali (c)neutral to slightly alkaline (d)slightly acidic to neutral
3)	How should the conducting materials be in terms of malleability & ductility?
/	(a) High malleable, less ductile (b) less malleable, less ductile
	(c) Highly malleable, high ductile (d) less malleable, highly ductile
4)	Example of low resistivity material is
	(a)silver (b)magnesium (c)manganese (d)tungsten
5)	Which one is lower category for classification of soil?
X	(a) soil order (b)family (c)soil series (d)none of the above
6)	PH. meter measure
/	(a)H ⁺ ion activity (b)H ⁺ ion concentration (c)Al ions (d)all of the above
7)	EC (electrical conductivity) meter measure
X	(a) total size in soil (b) soluble soil in salt (c) both the salt (d) none of the above
8)	The unit used for the measurement of electrical conductivity is
/	(a) ds/m (b) ds/cm (c) mg/m (d) both a & b

	9) Which among the following soil types is the most fertile soil?
11	(a) Black soil (b) desert soil (c) peaty soil (d) musk soil
	10) Which of the following nutrient is cycled in the soil through atmosphere?
1	(a) Phosphorus (b) potash (c) zinc (d) nitrogen
	11) The nitrate concentration in domestic water supplies is generally limited to
1	(a)10ppm (b)15ppm (c)30ppm (d)45ppm
	12) Carbonates in water produce
0	(a) Temporary hardness (b) permanent hardness (c) acidity (d) alkanity
	13) Water losses in water supply is assumed as
	(a) 5% (b) 7.5% (c) 10% (d) 15%
	14) Water is liquid at room temperature
) 0	(a) High boiling point of water (b) high melting point of water
	(c) High heat of vaporization of water (d) cohesive forces due to hydrogen bond in water
	15) Water is a
10	(a) polar solvent (b) non polar
	(c)an amphipathic solvent (d) non polar uncharged solvent
	16) The H-O-H bond angle in water molecule is
0 9	(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5°
1	17) The oxygen atom in the water molecule due to its high electronegativity bears
1	(b) 28 charges (c) 18 charge (d) 25 al
	18) A single water molecula can fa
	holecule can form how many hydrogen bonds at a time
0	18) A single water molecule can form how many hydrogen bonds at a time (a) 1 (b) 2 (c) 3 (d) 4
0	19) Which one is a process in which water charges into vapor in atmosphere?
10	(a) Evaporation (b) transpiration (c) precipitation (d) 4
10	19) Which one is a process in which water charges into vapor in atmosphere?



Department of Chemistry Soil and Water Analysis Certificate Course

(01st April 2022 to 30th June2022)

Name of the student: Borde Amruta Subhosh Date: 28/06/2023 Mark: 20

Q. Attempt the following. 1) Which fertilizer produces acidity in soil? (a) Ammonium sulfate (b) sodium nitrate (c) Calcium ammonium nitrate (d) Calcium nitrate 2) Optimum growth of bacteria in soil (a) acidic (b) alkali (c) neutral to slightly alkaline (d) slightly acidic to neutral 3) How should the conducting materials be in terms of malleability & ductility? (a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a) silver (b) magnesium (c) manganese (d) tungsten 5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) High malleable (b) H* ion concentration (c) Al ions (d) all of the above
(c) Calcium ammonium nitrate (d) Calcium nitrate 2) Optimum growth of bacteria in soil (a) acidic (b) alkali (c) neutral to slightly alkaline (d) slightly acidic to neutral 3) How should the conducting materials be in terms of malleability & ductility? (a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a) silver (b) magnesium (c) manganese (d) tungsten 5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) H ion activity (b) H* ion concentration (c) Al ions (d) all of the above
2) Optimum growth of bacteria in soil (a) acidic (b) alkali (c) neutral to slightly alkaline (d) slightly acidic to neutral 3) How should the conducting materials be in terms of malleability & ductility? (a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a) silver (b) magnesium (c) manganese (d) tungsten 5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) High malleable, less ductile (d) less malleable, highly ductile (d) less malleable, less ductile (d) less
(a)acidic (b)alkali (c)neutral to slightly alkaline (d)slightly acidic to neutral 3) How should the conducting materials be in terms of malleability & ductility? (a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a)silver (b)magnesium (c)manganese (d)tungsten 5) Which one is lower category for classification of soil? (a) soil order (b)family (c)soil series (d)none of the above 6) PH. meter measure (a)H ion activity (b)H*ion concentration (c)Al ions (d)all of the above
(a)acidic (b)alkali (c)neutral-to-slightly alkaline (d)slightly acidic to neutral 3) How should the conducting materials be in terms of malleability & ductility? (a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a) silver (b) magnesium (c) manganese (d) tungsten 5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) High malleable, less ductile (d) less malleable, highly
(a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a) silver (b) magnesium (c) manganese (d) tungsten 5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) H ion activity (b) H ion concentration (c) Al ions (d) all of the above
(a) High malleable, less ductile (b) less malleable, less ductile (c) Highly malleable, high ductile (d) less malleable, highly ductile 4) Example of low resistivity material is (a) silver (b) magnesium (c) manganese (d) tungsten 5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) H ion activity (b) H ion concentration (c) Al ions (d) all of the above
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(a)silver (b)magnesium (c)manganese (d)tungsten 5) Which one is lower category for classification of soil? (a) soil order (b)family (c)soil series (d)none of the above 6) PH. meter measure (a)H ion activity (b)H ion concentration (c)Al ions (d)all of the above
5) Which one is lower category for classification of soil? (a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) H ion activity (b) H ⁺ ion concentration (c) Al ions (d) all of the above
(a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) H ion activity (b) H ion concentration (c) Al ions (d) all of the above
(a) soil order (b) family (c) soil series (d) none of the above 6) PH. meter measure (a) H ion activity (b) H ion concentration (c) Al ions (d) all of the above
(a)H ion activity (b)H ion concentration (c)Al ions (d)all of the above
Tari ion activity (b) in ion concentration
7) EC (electrical conductivity) meter measure
(a) total size in soil (b) soluble soil in salt (c) both the salt (d) none of the above
8) The unit used for the measurement of electrical conductivity is
(a) ds/m (b) ds/cm (c) mg/m (d) both a & b

9) Which among the following soil types is the most fertile soil?
(a) Black soil (b) desert soil (c) peaty soil (d) musk soil
10) Which of the following nutrient is cycled in the soil through atmosphere?
(a) Phosphorus (b) potash (c) zinc (d) nitrogen
11) The nitrate concentration in domestic water supplies is generally limited to
(a)10ppm (b)15ppm (c)30ppm (d)45ppm
12) Carbonates in water produce
(a) Temporary hardness (b) permanent hardness (c) acidity (d) alkanity
13) Water losses in water supply is assumed as
(a) 5% (b) 7.5% (c) 10% (d) 15%
14) Water is liquid at room temperature
(a) High boiling point of water (b) high melting point of water
(c) High heat of vaporization of water (d) cohesive forces due to hydrogen bond in water
15) Water is a
(a) polar solvent (b) non polar
(c)an amphipathic solvent (d) non polar uncharged solvent
16) The H-O-H bond angle in water molecule is
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5°
17) The exygen atom in the water molecule due to its high electronegativity bears
(a) $1\delta^{+}$ charge (b) $2\delta^{+}$ charges (c) $1\delta^{-}$ charge (d) $2\delta^{-}$ charges
18) A single water molecule can form how many hydrogen bonds at a time
(a) 1 (b) 2 (c) 3 (d) 4
19) Which one is a process in which water charges into vapor in atmosphere?
(a) Evaporation (b) transpiration (c) precipitation (d) condensation
20) Which is a result of condensation of water vapors?
(a) Rain (b) snowfall (c) hail (c) tinly water droplets

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Name of the student: Chitte 6wapnil Sonjay Date 28/06/2023 Mark: 20

-	
Q. Att	tempt the following.
1) Wh	nich fertilizer produces acidity in soil?
1	a) Ammonium sulfate (b) sodium nitrate
(0	c) Calcium ammonium nitrate (d) Calcium nitrate
2) Op	timum growth of bacteria in soil
(i	a)acidic (b)alkali (c)neutral to slightly alkaline (d)slightly acidic to neutral
3) Ho	w should the conducting materials be in terms of malleability & ductility?
	(a) High malleable, less ductile (b) less malleable, less ductile
	(d) less malleable, highly ductile
4) Exa	mple of low resistivity material is
	(a)silver (b)magnesium (c)manganese (d)tungsten
5) Wh	ich one is lower category for classification of soil?
	(a) soil order (b)family (c)soil series (d)none of the above
6) PH.	meter measure
(la	H ⁺ ion activity (b)H ⁺ ion concentration (c)Al ions (d)all of the above
7) EC (electrical conductivity) meter measure
	(a) total size in soil (b) soluble soil in salt (c) both the salt (d) none of the abo
8) The	unit used for the measurement of electrical conductivity is
	(a) ds/m (b) ds/cm (c) mg/m (d) beth a & b

9) Which among the following soil types is the most fertile soil?
(a) Black soil (b) desert soil (c) peaty soil (d) musk soil
10) Which of the following nutrient is cycled in the soil through atmosphere?
(a) Phosphorus (b) potash (c) zine (d) nitrogen
11) The nitrate concentration in domestic water supplies is generally limited to
(a)10ppm (b)15ppm (c)30ppm (d)45ppm
12) Carbonates in water produce
(a) Temporary hardness (b) permanent hardness (c) acidity (d) alkanity
13) Water losses in water supply is assumed as
(a) 5% (b) 7.5% (c) 10% (d) 15%
14) Water is liquid at room temperature
(a) High boiling point of water (b) high melting point of water
(c) High heat of vaporization of water (d) cohesive forces due to hydrogen bond in water
15) Water is a
(a) polar solvent (b) non polar
(c)an amphipathic solvent (d) non polar uncharged solvent
16) The H-O-H bond angle in water molecule is
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5°
17) The oxygen atom in the water molecule due to its high electronegativity bears
(a) 1δ ⁺ charge (b) 2δ ⁺ charges (c) 1δ charge (d) 2δ charges
18) A single water molecule can form how many hydrogen bonds at a time
(a) 1 (b) 2 (c) 3 (d) 4
19) Which one is a process in which water charges into vapor in atmosphere?
(a) Evaporation (b) transpiration (c) precipitation (d) condensation
20) Which is a result of condensation of water vapors?
(a) Rain (b) snowfall (c) hail (c) tinly water droplets

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry Soil and Water Analysis Certificate Course (01st Feb 2023 to 30th April 2023)

(U1 Feb 2023 to 30 April 2023) Name of the student: Date: / /2023 Mark:2
Name of the student.
Q. Attempt the following.
1) Which fertilizer produce acidity in soil.
(a)ammonium sulfate (b)sodium nitrate
(c)calcium ammonium nitrate (d)calcium nitrate
2) Optimum growth of bacteria in soil
(a)acidic (b)alkali (c)neutral to slightly alkaline (d)slightly acidic to neutral
3) How should the conducting materials be in terms of malleability & ductility?
(a)high malleable, less ductile (b)less malleable, less ductile
(c)highly malleable, high ductile (d)less malleable, highly ductile
4) Example of low resistivity material is
(a)silver (b)magnesium (c)manganese (d)tungsten
5) Which one is lower category for classification of soil?
(a) soil order (b)family (c)soil series (d)none of the above
6) PH. meter measure
(a)H ⁺ ion activity (b)H ⁺ ion concentration (c)Al ions (d)all of the above
7) EC (electrical conductivity) meter measure
(a) total size in soil (b) soluble soil in salt (c) both the salt (d) none of the above
8) The unit used for the measurement of electrical conductivity is

Ma

(b)ds/cm

(c)mg/m

(d)both a & b

(a)ds/m

9) Which among the following soil types is the most fertile soil?
(a)black soil (b)desert soil (c)peaty soil (d)musk soil
10) Which of the following nutrient is cycled in the soil through atmosphere?
(a)phosphorus (b)potash (c)zinc (d)nitrogen
11) The nitrate concentration in domestic water supplies is generally limited to
(a)10ppm (b)15ppm (c)30ppm (d)45ppm
12) Carbonates in water produce
(a)temporary hardness (b)permanent hardness (c)acidity (d)alkanity
13) Water losses in water supply is assumed as
(a)5% (b)7.5% (c)10% (d)15%
14) Water is liquid at room temperature
(a)high boiling point of water (b)high melting point of water
(c)high heat of vaporization of water (d)cohesive forces due to hydrogen bond in water
15) Water is a
(a)polar solvent (b)non polar
(c)an amphipathic solvent (d)non polar uncharged solvent
16) The H-O-H bond angle in water molecule is
16) The H-O-H bond angle in water molecule is (a)104.0° (b)104.5° (c)105.0° (d)105.5°
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5°
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5° 17) The oxygen atom in the water molecule due to its high electronegativity bears
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5° 17) The oxygen atom in the water molecule due to its high electronegativity bears
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5° 17) The oxygen atom in the water molecule due to its high electronegativity bears (a) $1\delta^{+}$ charge (b) $2\delta^{+}$ charges (c) $1\delta^{-}$ charge (d) $2\delta^{-}$ charges 18) A single water molecule can form how many hydrogen bonds at a time
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5° 17) The oxygen atom in the water molecule due to its high electronegativity bears (a) $1\delta^{+}$ charge (b) $2\delta^{+}$ charges (c) $1\delta^{-}$ charge (d) $2\delta^{-}$ charges 18) A single water molecule can form how many hydrogen bonds at a time (a) $1\delta^{-}$ (b) 104.5° (c) 105.0° (d) 105.5° (d) 105.5° (e) 105.5° (d) 105.5° (e) 105.5° (f) 105.5° (e) 105.5° (f) 1
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5° 17) The oxygen atom in the water molecule due to its high electronegativity bears (a) $1\delta^{+}$ charge (b) $2\delta^{+}$ charges (c) $1\delta^{-}$ charge (d) $2\delta^{-}$ charges 18) A single water molecule can form how many hydrogen bonds at a time (a) 1 (b) 2 (c) 3 (d) 4 19) Which one is a process in which water charges into vapour in atmosphere?
(a) 104.0° (b) 104.5° (c) 105.0° (d) 105.5° 17) The oxygen atom in the water molecule due to its high electronegativity bears (a) $1\delta^{+}$ charge (b) $2\delta^{+}$ charges (c) $1\delta^{-}$ charge (d) $2\delta^{-}$ charges 18) A single water molecule can form how many hydrogen bonds at a time (a) 1 (b) 2 (c) 3 (d) 4 19) Which one is a process in which water charges into vapour in atmosphere? (a) evaporation (b) transpiration (c) precipitation (d) condensation

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Chemistry

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Evolution sheet

Sr.No	Name of the Students	Obtain Marks	Total marks
1	AgrePranav Ramesh	16	20
2	BawakeGayatriMadhukar	14	20
3	BordeAmrutaSubhash	17	20
4	ChitteSwapnil Sanjay	15	20
5	CholkeSandeshDnyandev	18	20
6	Dange GayatriDilip	14	20
7	DapatkarKirtiAnant	16	20
8	Gadhave Aditya Sanjay	18	20
9	GaikwadPriyankaDattatraya	17	20
10	GamePritiShivaji	16	20
11	HemkeVrushaliRajendra	14	20
12	Jadhav PritiSharad	14	20
13	Jejurkar AkashPrakash	15	20
14	Jejurkar Arti Vilas	19	20
15	Jejurkar Atul Suresh	18	20
16	Jejurkar Pratiksha Sunil	20	20
17	KasarAbhishek Bhausaheb	17	20
18	KudaleShraddhaBhimraj	16	20
19	Lute DnyaneshwariManoj	16	20
20	MalveLeenaRaju	15	20
21	MoreAshwiniSatish	14	20
22	More MahendraShivaji	17	20
23	More RenukaRambhau	14	20
24	NaleRahul Bhausaheb	16	20
25	NaleShitalBabasaheb	18	20
26	Nirmal Adesh Ashok	17	20
27	Nirmal SumitDipak	16	20
28	PadawalChandrakantShivaji	14	20
29	PathanArbajNajir	14	20
30	Pokale Pratik Shantaram	15	20
31	RanmaleShrutikaNandkishor	19	20
32	Raut ManishaBalasaheb	18	20
33	TatheManjushaBabasaheb	20	20

34	Tribhan Ganesh Nanasaheb	17	20
35	WagheRohitUttam	16	20
36	Bombe Mayur Kailas	16	20
37	DhatrakHrishikesh Ashok	15	20
38	DokheRoshan Suresh	14	20
39	DukareAjit Sanjay	17	20
40	GadekarSanketDnyaneshwar	14	20
41	GadhavePrashant Sanjay	16	20
_	GaikwadKiran Vijay	18	20
42	Ghorpade HritikDattatray	17	20
43		16	20
44	GhorpadeKiranBalasaheb	14	20
45	Jejurkar Vandana Babasaheb	14	20
46	JondhaleDattatrayJagannath		20
47	KhambekarRoshan Sunil	15	20
48	KohakadeTusharBabasaheb	19	
49	Lahare SudarshaGorakshanath	18	20
50	Londhe Pooja Popat	20	20
51	ModhePallaviBalasaheb	17	20
52	Raut Anita Gajanan	16	20
53	Tambe Vaishnavi Adinath	16	20
54	TribhanArtiRamdas	15	20
55	TurakaneShubhamBalasaheb	14	20
56		17	20
57	3	14	20
58	Jejurkar Arti Vilas	14	20
59	· ·	16	20
60	Jejurkar Pratiksha Sunil	18	20
61	KasarAbhishek Bhausaheb	17	20
62	KudaleShraddhaBhimraj	16	20
63	Lute DnyaneshwariManoj	14	20
64		14	20
65	More AshwiniSatish	15	20
66	More MahendraShivaji	19	20
67	More RenukaRambhau	18	20
68	Nale Rahul Bhausaheb	20	20
69		17	20
70		16	20
71	Nirmal SumitDipak	16	20
72	PadawalChandrakantShivaji	15	20
73	PathanArbajNajir	14	20
74	Pokale Pratik Shantaram	17	20
75	RanmaleShrutikaNandkishor	14	20

76	Raut ManishaBalasaheb	16	20
10	TatheManjushaBabasaheb	18	20
77	Tribhan Ganesh Nanasaheb	17	20
78	WagheRohitUttam	16	20
79		14	20
80	Bombe Mayur Kailas DhatrakHrishikesh Ashok	14	20
81		15	20
82	DokheRoshan Suresh	19	20
83	DukareAjit Sanjay	18	20
84	GadekarSanketDnyaneshwar	20	20
85	GadhavePrashant Sanjay	17	20
86	GaikwadKiran Vijay		20
87	Ghorpade HritikDattatray	16	20
88	Ghorpade KiranBalasaheb	16	20
89	Jejurkar VandanaBabasaheb	15	20
90	JondhaleDattatrayJagannath	14	
91	KhambekarRoshan Sunil	17	20
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100	AgrePranav Ramesh	19	20
101	BawakeGayatriMadhukar	18	20
102	BordeAmrutaSubhash	20	20
103	ChitteSwapnil Sanjay	17	20
104	CholkeSandeshDnyandev	16	20
105	Dange GayatriDilip	16	20
106	DapatkarKirtiAnant	15	20
107	GadhaveAditya Sanjay	14	20
108	GaikwadPriyankaDattatraya	17	20
109	Game PritiShivaji	15	20
100	HemkeVrushaliRajendra	18	20

(Miss.S.B.Ambadkar) Co-ordinator

(Mr.A.S. Tambe)
Dept. of Chemistry
Art's, Science & Commerce College,
Rahata, Dist. Ahmednagar

(Prof. S.V.Lahare)
PRINCIPAL
Principal
Art's, Science & Commerce
College, Rahata

SHIRDI SAI RURAL INSTITUTE'S



ARTS, SCIENCE & COMMERCE COLLEGE, RAHATA

TAL- RAHATA, DIST.- AHMEDNAGAR-423 107

NAAC RE-ACCREDITED B++ GRADE COLLEGE

DEPARTMENT OF CHEMISTRY

ORGANIZED A CERTIFICATE COURSE ON



"SOIL AND WATER ANALYSIS"



CERTIFICATE

Miss. S. B. Ambadkar

Mr A.S. Tambe
Head, Department of Chemistry

Dept. of Chemistry

Arts, Science & Commerce College,
Rahata, Diss. Afmedicages

Prof. S .V. Lahare

Principal

Arts, Science & Commerce College,
Rahata, Dist. Ahmednagar

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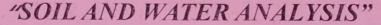
TAL- RAHATA, DIST.- AHMEDNAGAR-423 107

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Miss. S. B. Ambadkar

Mr. A. S. Jambe
Head Department of Chemistry
Arts, Science & Commons College,

Prof. S.V. Lahare

Arts, Science & Commerce College, Rahmta, Dist. Ahmednagar SHIRDI SAI RURAL INSTITUTE'S



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DEPARTMENT OF CHEMISTRY

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"SOIL AND WATER ANALYSIS"



This is to certify that, Mr/Mss-Shitte Swappil Sanjay of T.Y.B.Sc Chemistry has actively participated in a Certificate course on "Soil and Water Analysis" Organized by Department of Chemistry, Arts, Science and Commerce College, Rahata, Dist. Ahmednagar affiliated to SPPU, Pune held during 01st April 2022 to 30th June 2022 and obtained ------ credits.

Miss. S. B. Ambadkar Co-ordinator Mr. A. S. Tambe Head, Department of Chemistry

> Pept. of Chemistry Wra, Science & Commerce College, Rehats, Dist. Ahmachagar

Prof. S.V. Lahare

Principal

Arts, Science & Commerce College Rameta, Dist. Ahmednagar SHIRDI SAI RURAL INSTITUTE'S



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TAL- RAHATA, DIST.- AHMEDNAGAR-423 107

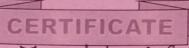
NAAC RE-ACCREDITED B++ GRADE COLLEGE

DEPARTMENT OF CHEMISTRY

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"SOIL AND WATER ANALYSIS"





Miss. 5. B. Ambadkar

Mr. A. S. Tambe Head. Department of Chemistry

Dept. of Chemistry

Ast's, Science & Converce College,
Rahala, Dist. Ahmedagar

Prof. 5.V. Lahare
Principal
Principal

Arts,Science & Commerce College, Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June 2022)

Class	e of the Students: Agre Fres.				priate)
Sr. NO	Feedback about	Excellent	Very Good	Average	Not good
1	Objectives of the course was clear				
2	The level of the course was		/		
3	The course exposed you to new knowledge and practical				
4	I learn the skill that i will be able to apply when working	/			
5	Are you satisfied about the Course	/			
Any S	Suggestion:				
Sign (of the Student:				

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June 2022)

Your	impression about the followin	g : (please n	nark √in	the appro	priate
Sr. NO	Feedback about	Excellent	Very Good	Average	Not good
1	Objectives of the course was clear		~		
2	The level of the course was	~			
3	The course exposed you to new knowledge and practical		-		
4	I learn the skill that i will be able to apply when working		~		
5	Are you satisfied about the Course	/			
	Suggestion:No				

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June 2022)

	e of the Students: Borde	Amrut	e 80	bharh.	
Class	:- Tr. Bec.		. 21		
Your	impression about the followin	g : (please n	nark ⁄ir	the appro	priate)
Sr. NO	Feedback about	Excellent	Very Good	Average	Not good
1	Objectives of the course was clear		/		
2	The level of the course was	/			
3	The course exposed you to new knowledge and practical		/		
4	I learn the skill that i will be able to apply when working		/		
5	Are you satisfied about the Course	/			
Any	Suggestion:				
Sign	of the Student:				

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June 2022)

	reeut	Jack I	01 111		
	e of the Students: Chilte	Swapni)	Sanj	ay	
Your	impression about the followin	g : (please n	ark √ir	the appro	priate)
Sr. NO	Feedback about	Excellent	Very Good	Average	Not good
1	Objectives of the course was clear	~			
2	The level of the course was				
3	The course exposed you to new knowledge and practical	~			
4	I learn the skill that i will be able to apply when working	~			
5	Are you satisfied about the Course	~			
	Suggestion:				
Sign	of the Student:				

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June 2022)

	of the Students: Dange C		2		
Your	impression about the followin	g : (please n	nark √in	the appro	priate)
Sr.	Feedback about	Excellent	Very Good	Average	Not good
	Objectives of the course was clear	L-			
	The level of the course was				
	The course exposed you to new knowledge and practical	-			
	I learn the skill that i will be able to apply when working		-		
	Are you satisfied about the Course		-		
Any	Suggestion: No				

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA DEPARTMENT OF CHEMISTRY

Soil and Water Analysis Certificate Course (01st April 2022 to 30th June2022)

Feedback Form Analysis

Sr. NO	Feedback about	Excellent	Very Good	Average	Not good
1	Objectives of the course	24	07	04	00
	was clear	68.57%	20.00%	11.00%	0%
2	The level of the course	24	10	04 11.00% 01 0.020% 00 0% 05 14.28%	00
-	was	68.57%	28.57%	0.020%	0%
3	The course exposed you to	23	12	00	00
	new knowledge and practical	65.71%	34.28%	0%	0%
4	I learn the skill that i will	20	10	05	00
	be able to apply when working	57.14%	28.57%	14.28%	0%
5	Are you satisfied about	25	10	00	00
	the Course	71.42%	28.57%	0%	0%

(Miss. S. B. Ambadkar) Co-ordinator

Head of Chemistry

Ars, Science & Commerce College
Rahata, Dist. Ahmeonagar

(Dr. V.P.Bhalekar) Coordinator, IQAC (Prof. V. Lahare)
Principal

Arts, Science & Commerce College, Rahata, Dist. Ahmednagar



Shirdi Sai Rural Institute's RTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal-Rahata, Dist-Ahmednagar (423107)

University of Pune Affiliated ID No. PU/AN/ASC/052/1997 NAAC Accredited "B++"Grade College

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune

Recipient of "Best Rural College Award" from University of Pune

Department of Zoology organized

"Skill Development Course in Sericulture"



Dr. V. R. Pawade Head Dept. of Zoology

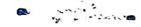
Prof. S. V. Lahare Principal

Application for Permission

Date: 20th Sept, 2021

To,
The Principal,
Arts, Science and Commerce College, Rahata.
Tal-Rahata, Dist- Ahemednagar, Pin-423107.

May Vory



Subject: Regarding the permission to start Sericulture Certificate Course for Students.

Respected Sir,

Department of Zoology of our College wishes to organize a Skill Development Sericulture Certificate Course for the students in the Academic Year 2021-22.

I kindly request you to grant the permission to start Sericulture Certificate Course.

Thanking You,

Yours Faithfully,

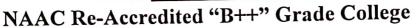
Dr. V. R. Pawade.

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107) (University of Pune Affiliated ID No. PU/AN/ASC/052/1997) Phone-(02423)295488

Email: rahatacollege@rediffmail.com Website: http://www.ascrahata.org.in



Recipient of "Best Rural College Award" from University of Pune (2012-13)

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Ref: ASCR/EST/2021-22/

Date:21/09/2021

Student Notice

All the students are here by informed that, The Zoology Department of Arts, Science and Commerce College, Rahata will be conducted Skill Development Sericulture Certificate Course for the students. The course gives information about the Economic value of silk rearing and methods of rearing of silk worm. So, interested students enroll your name to Dr. V. R. Pawade (HOD of Dept. Zoology).

Prof. S. V. Lahare

I/C PRINCIPAL

Art's, Science & Commerce College Rahata, Dist Ahmednagar

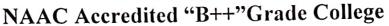
ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)

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Email: rahatacollege@rediffmail.com Website: http://pravarassri.org.in



Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Recipient of "Best Rural College Award" from University of Pune (2012-13)

ASCR/EST/2022-23/ 124

Date: 02/07/2022

To,

Director,

Krushi Vidnyan Kendra,

Babhaleshwar.

Subject: Regarding the approval of the syllabus

Dear Sir,

With reference to the above mentioned subject, I would like to inform you that ,the Department of Zoology of Arts, Science and Commerce college, Rahata is going to run a certificate course on `sericulture`.

The faculty of the department has prepared the syllabus for the same.

You are kindly requested to go through the syllabus and suggest valuable changes if any. You are also requested to approve the syllabus.

Thank you

Art's, Science & Commerce College Rahata, Dist Ahmednagar



Pravara Institute of Research & Education in Natural & Social Science's (PIRENS)

KRISHI VIGYAN KENDRA

A/p. BABHALESHWAR - 413 737, Tal. Rahata, Dist. Ahmednagar, (Maharashtra) India



120

Ref.: PIRENS / KVK/ 120 22

Date: /

5th July, 2022

To, The Principal Arts, Science & Commerce College Rahata, Dist. Ahmednagar

Sub – Approval for the syllabus on Certificate Course of Sericulture

Dear Sir,

This is in reference to your letter ASCR/EST/2022-23/124 dtd. 2nd July 2022. The syllabus on Certificate Course of Sericulture as finalized by you is approved by our institute.

Thanking you,

Yours faithfully,

Dr.S.D.Ńalkar Sr. Scientist & Head

De Candy Sold Stranger Strange

Certificate Course: Sericulture

Name of the course : Certificate Course In Sericulture

Total duration : 30 clock Hrs.

Venue : Department of Zoology

Student age group : 18 to 25 year (college student)

Time : two hours in the week

Course fee : Rs. 300/- per student

<u>Objective</u>

1. It aims to infuse knowledge and skills in the field of sericulture

2. To create awareness about the opportunities and employment in sericulture.

3. Prepare the rural youth for accepting sericulture as profit making business/enterprise and monthly income.

4. To develop the expert manpower to handle own sericulture unit/corporate sector unit.

5. To train the student for mulberry plant cultivation, irrigation, manuring, pruning and disease management.

6. Hands on training on rearing of silkworms from egg to cocoon harvesting



Course syllabus

	Content	No of hours
1	AnintroductiontoSericulture, history of sericulture, different types of	
	silk, life cycle of silkworm Park	1
	silk, life cycle of silkworm <i>Bombyxmori</i> L. importance of sericulture, benefits of Sericulture, disc	
	benefits of Sericulture, different schemes of sericulture given by	
2	Government and economics of Sericulture	· ·
	Cultivation of mulberry	
2.1	Different Mulberry varieties	
2.2	Raising of mulberry saplings	
	What is sapling? Preparation of nursery bed, Preparation of cuttings,	3
	transportation of cuttings and storing, planting, weeding, fertilizer	
	application, plant protection, uprooting ,transporting and planting of	
	saplings, economics of mulberry nursery.	
2.2	Establishment of mulberry and	
	Establishment of mulberry garden- selection of land, planting	
	material (sapling), planting density, planting system, pruning,	
2.3	intercultural operations, fertilizer doses, irrigation.	3
2.3	Integrated nutrient management	
15	Organic manures, compost, vermicompost, green manuring,	
	refunzers and application, biofertilizers (Nitrogra fiving	
	Azatobactorbiofertilizers, Phospate solubilizing	
	biofertilizers, VAMetc)	
3	Silkworm Rearing	
3.1		
	Different Silkworm races, Equipments for rearing, introduction to	2
	different rearing house for rearing, Disinfection of rearing house,	
- 1	affecting distinctions and its use and its important to	
	disinfection and chemical disinfection ((Bleaching powder, formalin,	

Atmedagas

	2.111	
	clorindioxide,astraetc)Five stages of silkworm.	
.2	Chawki rearing	4
	Handling and transportation of silkworm eggs, leaf moisture	
	estimation, brusing arrangement (calculation of hatching	
	percentages, importance of silkworm rearing incubation ,black	
	boxing and its importance, time of brushing, number of feed,	
	selection of leaf),requirement of rearing house for chawki (Young	
	age rearing i.e. first two stages)creating microbe free environment	
_	and disinfection and its importance. maintenance of	
	temperature, humidity and hygine. Silkworm diseases and pest of	
	young age and its management	
4	Different diseases and Pest on silkworm	
	Diseases- Pebrine, ,flecherie,muscardine-period of	4
	occerance, symptoms, impact on rearing, control measures	
	Pest-Uzi fly,	
5	Practical- Mulberry plantation (nursery plantation, plantation)	3
6	Practical- Rearing of silkworm-disinfection, chawki rearing (black	10
	boxing, brushing, moulting)maintenance of temp and humidity	
	during rearing at different season.	
	late age rearing- Different stages of late age rearing, moulting i.e.	
The same	identification of moult silkworm and care during moulting, use of	
	bed disinfectant, branch feeding, spinning i.e. identification of	
	silkworm going for spinning care during spinning,cocoon	
	handling,packaging and transportation and marketing of cocoon.	
7	Visit to sericulture unit	
	Total	20
		30 .

BENEFITS OF LEARNING SERICULTURE

1. The learner understands the biology, varieties of silkworms and the basic techniques of silk production.

- 2. Important agro based Enterprise Adding Value in village.
- 3. Provides raw materials for other subsidiary enterprises.
- 4. Eco friendly activity.
- 5. Women friendly occupation.
- 6. Ideal programme for weaker sections of the society.

EVALUATION

Theory paper : 25 Marks

Practical paper : 25 Marks



Shirdi Sai Rural Institutes Arts, Science and Commerce College, Rahata "Skill development Sericulture Certificate course"

Time-Table
Date: 04/04/2022 to 11/05/2022

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Time						Š
12.30 to 01.30	VRP	VRP	VRP	SDT	SDT	SDT

VRP: Dr. V. R. Pawade

SDT: Mr. S. D. Talole

Cordinator

Mr. S. D. Talole

Prof. S. V. Lahare

I/C PRINCIPAL

Art's, Science & Commerce College Rahata, Dist. Ahmednagar

Arts, Science and Commerce College, Rahata Skill development

Sericulture Certificate course

Student List

Sr.	Name of student	Class
No.		
1	AabujSakshi Vijay	F.Y.B.Com
2	AgrePavanPratap	F.Y.B.Com
3	Aware RupamMachindra	F.Y.B.Com
4	Aware TusharJalinder	F.Y.B.Com
5	BankarPrashant	F.Y.B.Com
6	BankarRupeshEknath	F.Y.B.Com
7	Bothe RavinaNamdeo	F.Y.B.Com
8	GadhaveKirtiNanasaheb	F.Y.B.Com
9	GaikwadVidya Kailas	F.Y.B.Com
10	Gore Mahesh Ravindra	F.Y.B.Com
11	JagtapRavindraRatan	F.Y.B.Com
12	JanjalSainatjKishor	F.Y.B.Com
13	JejurkarSidharthVishnudas	F.Y.B.Com
14	KasarRushikesh Ashok	F.Y.B.Com
15	Kote Satyam Vijay	F.Y.B.Com
16	LondheMayurBalasaheb	F.Y.B.Com
17	Lute kalyanisunil	F.Y.B.Com
18	Lute Mahesh Anil	F.Y.B.Com
19	MehetreManojChandrabhan	F.Y.B.Com
20	NaleAbhishek Sunil	F.Y.B.Com
21	PanditShubhamRajendra ·	F.Y.B.Com
22	RautRavinaEknath	F.Y.B.Com
23	RohomVireshRamnath	F.Y.B.Com
24	Shah Hamja Anwar	F.Y.B.Com
25	SonawanePavanDevidas	F.Y.B.Com
26	SuryawanshiAtharv Ramesh	F.Y.B.Com
27	TargeGokulKisan	F.Y.B.Com
29	TirseSamrudhi Ashok	F.Y.B.Com
30	WagheNilesh Sanjay	F.Y.B.Com

Arts, Science and Commerce College, Rahata.

Sericulture (Certificate course)

Sr. No.	Name of student	Class	1	2	3	4	5	6	7	8	9	10
1	AabujSakshi Vijay	F.Y.B.Com	BAhre	2	BALL	ZAL-V	24	Bahr	BAIT	PH14	2417	Rolling.
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3	Aware RupamMachindra	F.Y.B.Com	3	8	8	3	B	8	8	3	B	2
4	Aware TusharJalinder	F.Y.B.Com	\$ A	A84)	1881	A21.	181,	1881	Me	≜1 ,	AL.	A81.
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10	Gore Mahesh Ravindra	F.Y.B.Com	#	129	M	M	M	DA	D.	A	M	
11	JagtapRavindraRatan	F.Y.B.Com	Ms	MA	MA	MAS	14	Min	Main	AND	Man	M
12	JanjalSainatjKishor	F.Y.B.Com		Ste	Str	Son	Shor	85	gho	Sh	84	A
13	JejurkarSidharthVishnudas	F.Y.B.Com	Jus	- Dus	de	ars-	Jus.	Ins.	de	- Jus	de-	Jul.
14	KasarRushikesh Ashok	F.Y.B.Com	PE	14	Max	1/2	n.	R	Ne	No	he	Z,
15	Kote Satyam Vijay	F.Y.B.Com	fire	Min	My	lon	line	luc	Cur	fres	fun	two
16	LondheMayurBalasaheb	F.Y.B.Com	Mus	My	My	Mys	Ms	Nes	my	MIL	nous	Me
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19	MehetreManojChandrabhan	F.Y.B.Com	NOS.	10.	103	100	200	<u>B</u>	m	no	B-	Do
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Arts, Science and Commerce College, Rahata.

Sericulture (Certificate course)

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Arts, Science and Commerce College, Rahata.

Sericulture (Certificate course)

Sr.	Name of student	Class	21	22								
No.		Class	21	22	23	. 24	25	26	27	28	29	30
1	AabujSakshi Vijay	F.Y.B.Com	Pethy	24	Bethy	2 Afre	BALL	ZZA Im	2414	-2dle-	24ty	2HM
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3	Aware RupamMachindra	F.Y.B.Com	3	2	8	9	B	(P)	(B)	3	B	8
4	Aware TusharJalinder	F.Y.B.Com	BL	M	Al	ØL.	AL	Al.	18L		M	
5	BankarPrashant	F.Y.B.Com	Branco	Pare	Pare	· Project	Pearage.	Basag	Estate	Purson	Peason.	Reason.
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11	JagtapRavindraRatan	F.Y.B.Com	Ms	MA	De	W	DA	AM	MAD	Tue	M	Na Na
12	JanjalSainatjKishor	F.Y.B.Com	3	9	SA	Sp	97	State	elso	SIA	SP	3
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14	KasarRushikesh Ashok	F.Y.B.Com	Res	1/2	B	The	the	Bu	The ,	h	· Pen	2
15	Kote Satyam Vijay	F.Y.B.Com	1	Man	In	Ima	luce	Neus	Lun	Jus	len	him
16	LondheMayurBalasaheb	F.Y.B.Com	Men	Neur	May	non	My	Nun	Mus	My	Muz	non
17	Lute kalyanisunil	F.Y.B.Com		Jane	Luc	hute	hed	Luff	Just.	hete	Luke	Luse
18	Lute Mahesh Anil	F.Y.B.Com	Aus	Bei	An	Mus	Me	Nun	- Mus	Mus	- Nonz	Muse
19	MehetreManojChandrabhan	F.Y.B.Com	M	B.	B	. PB3	m	A.	09	B>	100	m
20	NaleAbhishek Sunil	F.Y.B.Com	1	18	AR	- XX	N	No	XX	XX	No.	XX
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Shirdi Sai Rural Institutes Arts Science and Commerce College, Rahata

"Skill Development Sericulture Certificate Course"

Feedback form

1.	Name	of the	partici	pant

Agre pavan pradip

2. Class: f.y. B. com

3. How was the Content of Sericulture Course?

10 Excellent

- o Very Good
- o Good
- o Average

4. Information Delivered by Dr. V. R. Pawde Sir.

vo Excellent

- o Very Good
- o Good
- o Average

5. Information Delivered by Mr. S. D. Talole Sir.

Excellent

- o Very Good
- o Good
- o Average

6. How was the arrangement of Overall Course?

\o Excellent

- o Very Good
- o Good
- o Average

7. Any Suggestions?

MO.

paul.P

Shirdi Sai Rural Institutes Arts Science and Commerce College, Rahata

"Skill Development Sericulture Certificate Course"

Feedback form

1. N	Name of the	participant.	Rohom	viresh	Ramnath
------	-------------	--------------	-------	--------	---------

- 2. Class: Fy. Bcom
- 3. How was the Content of Sericulture Course?
- Excellent
- o Very Good
- o Good
- o Average
- 4. Information Delivered by Dr. V. R. Pawde Sir.
- Excellent
- o Very Good
- o Good
- o Average
- 5. Information Delivered by Mr. S. D. Talole Sir.
- Excellent
- o Very Good
- o Good
- o Average
- 6. How was the arrangement of Overall Course?
- Excellent
- o Very Good
- o Good
- o Average

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7. Any Suggestions? No

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Shirdi Sai Rural Institutes Arts Science and Commerce College, Rahata

"Skill Development Sericulture Certificate Course"

Feedback Analysis

Sr. No	Feedback Analysis Opinion									
	Questions	Excellent	Very Good	Good	Average	Total				
1	1. How was the Content of	25	5			30				
	Sericulture Course?	83.33	16.66			100%				
2	2. Information Delivered by	27	2	1	-	30				
	Dr. V. R. Pawde Sir.	90.00	6.66	3.33		100%				
3	3. Information Delivered by	26	2	2		30				
	Mr. S. D. Talole Sir.	86.66	6.66	6.66		100%				
4	4. How was the arrangement	25	3	2		30				
	of Overall Course?	83.33	10	6.66		100%				
5	Average Percentage	85.83	9.99	5.00		100%				

Highlight of Feedback Analysis:

- 1. 85.83% participants strongly agree with all questions.
- 2. 09.99% participants were agreeing with all questions.
- 3. 05.00% participants unsure involvement.
- 4. 00.00% participants were disagreeing with all questions.



Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

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Tal-Rahata, Dist-Ahmednagar (423107)

University of Pune Affiliated ID No. PU/AN/ASC/052/1997

NAAC Accredited "B++"Grade College

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune

Recipient of "Best Rural College Award" from University of Pune



Skill Development Course in Sericulture CERTIFICATE

This is certify that Mr/Miss. Aware Rupam Machindra.

has successfully completed certificate course in "Sericulture" organized by Department of Zoology.

Grade: A+

Mr. S. D. Talole Co- Cordinator

Dr. V. R. Pawade Head Dept. of Zoology Prof. S. V. Lahare Principal



Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Tal-Rahata, Dist-Ahmednagar (423107)



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Skill Development Course in Sericulture CERTIFICATE

This is certify that Mr/Miss. Agre pavan Pratap

has successfully completed certificate course in "Sericulture" organized by Department of Zoology.

Grade: A+

Mr. S. D. Talole Co- Cordinator Dr. V. R. Pawade Head Dept. of Zoology Prof. S.W Lahare



Kote Soutform vijou. SHIRDI SAI RURAL INSTITUE'S

Arts, Science & Commerce College, Rahata

with date Signature of Supervisor
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Arts, Science and Commerce College, Rahata Department of Zoology

"Skill development

Sericulture Certificate course 2021-22"

Student Mark List

Sr. No.	Name of student	25 M	05 M	Total (30 M)	Grade
1	AabujSakshi Vijay	21	4	25	0
2	AgrePavanPratap	22	4	26	0
3	Aware RupamMachindra	23	5	28	0
4	Aware TusharJalinder	22	5	27	0
5	BankarPrashant	23	5	28	0
6	BankarRupeshEknath	21	4	25	0
7	Bothe RavinaNamdeo	22	4	26	0
8	GadhaveKirtiNanasaheb	23	5	28	0
9	GaikwadVidya Kailas	21	4	25	0
10	Gore Mahesh Ravindra	22	5	27	0
11	JagtapRavindraRatan	22	4	26	0
12	JanjalSainatjKishor	21	4	25	0
13	JejurkarSidharthVishnudas	21	5	26	0
14	KasarRushikesh Ashok	23	5	28	0
15	Kote Satyam Vijay	23	5	28	0
16	LondheMayurBalasaheb	23	4	27	0
17	Lute kalyanisunil	21	4	25	0
18	Lute Mahesh Anil	22	4	26	0
19	MehetreManojChandrabhan	22	4	26	0
20	NaleAbhishek Sunil	22	5	27	0
21	PanditShubhamRajendra	21	5	26	0
22	RautRavinaEknath	21	5	26	0
23	RohomVireshRamnath	23	5	28	0
24	Shah Hamja Anwar	24	5	29	0
25	SonawanePavanDevidas	24	4	28	0
26	SuryawanshiAtharv Ramesh	22	5	27	0
27	TargeGokulKisan	21	4	25	0
29	TirseSamrudhi Ashok	23	5	28	0
30	WagheNilesh Sanjay	22	4	26	0

HEAD
DEPARTMENT OF ZOOLOGY
Arts, Science & Commerce College
Rahata, Dist. Ahmednaga

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Botany

Certificate Course on Mushroom Cultivation

(18th April 2022 to 3rd May 2022)



Date: 28/03/2022

To,
The Principal,
SSRI's,
Arts, Science & Commerce College,
Rahata.

Subject: - Permission to conduct a certificate course entitled "Mushroom Cultivation".

Respected Sir,

With reference to the above mentioned subject, Department of Botany of our college wants to conduct certificate course for undergraduate students of science faculty on "Mushroom Cultivation". The duration of the course will be 13 working days (3 lHrs).

So its request to you, please give the permission to run this certificate course in the second semester of the academic year 2021-22.

Thank you.

Alowed John John 28/3/2011

Yours Sincerely,

Dr. V. S. Patil Co-ordinator

Dept.of Botany Collection Rahata





Arts Science and Commerce College Rahata.

Department of Botany





Mushroom Cultivation

Objective:

- > To identify edible and poisonous mushrooms.
- > Offer hands on training for the preparation of bed for mushroom cultivation and Spawn production.
- Encourage the students to learn a resources of self-employment and income generation.

6 Outcomes:

- 1.Identify edible types of mushroom.
- 2. They gain the knowledge of cultivation of different types of edible mushrooms.
- 3. They are able to produce spawn.
- 4. Acquire the knowledge of self-employment and income generation.
- 5. Gain the awareness about value added products of Mushroom i.e. preparation of Mushroom Pickle, Powder, Papad and different items of Food.

Dr. V. S. Patil Co- Ordinator Mob.No.7744051337



Prof. S. V. Lahare
Principal
Mob.No. 9011254449

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)
(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)
NAAC Track ID- MH-COGN80225
Mobile- 9766767125, 9657400677
Email: rahatacollege@rediffmail.com



Recipient of "Best Rural College Award" from University of Pune (2012-13)

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/

Date: 29/03/2022.

To,

Dr. M.N. Kharde

P.V. P. College

Pravaranagar

Subject: - Regarding an invitation as a subject expert for syllabus framing workshop. Respected Sir,

We are pleased to inform that you are cordially invited to the syllabus framing workshop of a certificate course on "Mushroom Cultivation" as a Subject Expert which will be held on 18th April 2022 to 3rd May, 2022 in our College.

The workshop is scheduled on 01/04/2022, Friday at 11:00am to 01:00pm in the department of Botany of Arts, Science and Commerce College, Rahata.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop. We look forward to your presence.

Thanking you,

(Dr. V. S. Patil) Co-ordinator Dept. of Botany

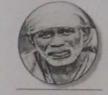
Yours Sincerely,

(Prof. S. V. Lahare) Principal

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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Date: 29/03/2022.

Website: Website: www.ascrahata.org

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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/

To,

Dr. A.S. Habole

P.V.P. college

Pravaranagar

Subject: - Regarding an invitation as a subject expert for syllabus framing workshop. Respected Sir,

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Thanking you,

(Dr. V. S. Patil) Co-ordinator Banala o Joballo

Yours Sincerely,

(Prof. S. V. Lahare)
Principal

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/

To.			
	Prof.	S.V.	Lohore
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Thanking you,

Recient Johnson

(Dr. V. S. Patil)

Co-ordinator

Dept. of Botany Rahata

Yours Sincerely,

Prof. S. V. Lahare Principal

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/

To,							
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Thanking you,

(Dr. V. S. Patil) Co-ordinator Dept. of Connada

Yours Sincerely,

(Prof. S. V. Lahare) Principal

Syllabus of Certificate course on Mushroom Cultivation

Chapter 1: Introduction to mushrooms (3 hours)

- History and Scope of mushroom cultivation,
- Types of mushrooms- Edible and Poisonous Mushrooms

Chapter 2: Principles of mushroom cultivation (§ Hours)

- Sterilization of substrates.
- Spawn production culture media preparation-production of pure culture, mother spawn, and multiplication of spawn.
- Composting technology
- · Mushroom bed preparation.
- · Spawning.
- Irrigation.
- Harvesting.
- Difficulties in cultivation Pest and Diseases, their management strategies.

Chapter 3: Business and Marketing (& Hours)

- · Choice of mushrooms for the small grower
- Minimum resources needed to start production
- Capital outlay
- Retail expectations
- · Profit margins;
- Small business models

Module 4: Post harvest technology: (6 Hours)

- · Preservation of mushrooms freezing, dry freezing, drying, canning,
- Value added products of mushrooms.

Module 5: Training and Workshop (7 Hours)

- · Sterilization and sanitation of mushroom cultivation room,
- · Introduction of Instruments used
- Substrates (Bed) preparation
- · Preparation of mother culture,
- Spawn production, Inoculation and Incubation

Name of Subject Expert for Syllabus Framing Workshop.

Dr.M. N. Kharde

Prof S.V. Lahare

Dr.A. S. Wabale

Fr. V.S.Patil

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/32

Date: 29/03/2022.

To, Jay Pathave NID, Premium Mushroom

Subject: - Regarding an invitation as a resource person for training programme on Mushroom Cultivation......

Respected Sir,

We are pleased to inform that our college is going to organize 15 days certificate course on Mushroom cultivation during 18th April 2022 to 3rd May, 2022. For this purpose you are cordially invited as a resource person for training programme on "Mushroom Cultivation" which is the part of practical session of the course.

The training programme is scheduled on 25/04/2022, Monday at 10:00am the department of Botany of Arts, Science and Commerce College, Rahata.

We sincerely hope that you will be able to confirm your presence for training programme. We look forward to your presence.

Thanking you,

Dr. V. S. Patil)

Co-ordinator

Prot.

Dept.of Botany Botany Postanara Botany

(Prof. S. V. Lahare)

Principal

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/21

Date: 29/03/2022.

Prof. Varpe S.N. Science college, Rujapur

Subject: - Regarding an invitation as a resource person for training programme on Mushroom Cultivation.....

Respected Sir,

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Thanking you,

(Dr. V. S. Patil)

Co-ordinator

s Kimberely,

Principal



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/31

Date: 29/03/2022.

Ravindra Chane

Subject: - Regarding an invitation as a resource person for training programme on Mushroom Cultivation.....

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Thanking you,

(Dr. V. S. Patil)

Co-ordinator

rahata

(Prof. S. V. Lahare)

Principal

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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IOAC/SDB/2021-22/ 33 A

Date: 25/04/2022

To. Mr. Jay Pathave Premium Mushrooms.

Subject: Regarding appreciation ...

Dear Sir,

We would like to formally and sincerely express our gratitude for the amazing work you accomplished during the training program on "Mushroom cultivation" held on 25th April, 2022 organized by Department of Botany, Arts, Science and Commerce College, Rahata.

Thank you for your very valuable training. Our students really enjoyed it, and appreciated that you made it very beneficial.

Thank you once again for your wisdom, experience and personable presentation.

Rahata, Dist Ahmednagar



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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/ 33 A

Date: 25/04/2022

To,
Prof. 5.N. Vurpe.
Nytan Art's, Commerce
4 Science college, Rajapur.

Subject: Regarding appreciation ...

Dear Sir,

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Thank you once again for your wisdom, experience and personable presentation.

Prof. S.V. Lah

Art's, Science & Commerce College Rahata, Dist Ahmednagar

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"NAAC RE-ACCREDITED "B++" GRADE COLLEGE"

ASCCR/IQAC/SDB/2021-22/33 F

Date: 25/04/2022

Mr. Ruvindra Ghane Premium mushrooms.

Subject: Regarding appreciation ...

Dear Sir,

We would like to formally and sincerely express our gratitude for the amazing work you accomplished during the training program on "Mushroom cultivation" held on 25th April, 2022 organized by Department of Botany, Arts, Science and Commerce College, Rahata.

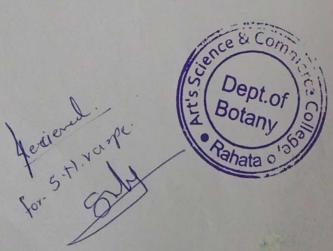
Thank you for your very valuable training. Our students really enjoyed it, and appreciated that you made it very beneficial.

Thank you once again for your wisdom, experience and personable presentation.

Prof. S. V. Lahare

I/C PRINCIPAL

Art's, Sch CoPtificipatroe College
Rahata, Dist Ahmednagar



ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA.

Department of Botany

Certificate course on "Mushroom Cultivation"

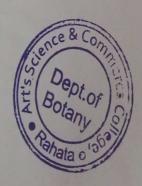
Course Objectives

- > To identify edible and poisonous mushrooms.
- > Offer hands on training for the preparation of bed for mushroom cultivation and Spawn production.
- Encourage the students to learn a resources of self-employment and income generation.

Course outcome

By the successfully completion of the course, students will be able to:

- > Identify edible types of mushroom.
- They gain the knowledge of cultivation of different types of edible mushrooms.
- > They are able to produce spawn.
- > Acquire the knowledge of self-employment and income generation.
- ➤ Gain the awareness about value added products of Mushroom i.e. preparation of Mushroom Pickle, Powder, Papad and different items of Food.



Date: 29/03/2022

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Botany

STUDENT NOTICE

All the First year and second year students of Science faculty of our college are hereby informed that, Department of Botany will be conducted Certificate Course on "Mushroom Cultivation" from 18th April 2022 to 3rd May 2022. The course gives information about the types of mushrooms, edible mushroom cultivation, mushroom processing and marketing, mushroom product.

(Dr. V. S. Patil)

Co-ordinator

(Prof. S. V. Lahare)
Principal



Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Botany

Certificate Course on Mushroom Cultivation (18th April, 2022 to 3rd May, 2022)

Time Table

Date	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
18/04/2022 to	F.Y and S.Y B.Sc	3.00pm - 5.00	3.00pm - 5.00	3.00pm – 5.00 pm	3.00pm – 5.00 pm	3.00pm - 5.00	3.00pm – 5.00 pm
03/05/2022		pm	pm			pm	

Note- On 25 April 2022 full day session (Practical on Mushroom Cultivation) will be conducted



List of the students Enrolled for certificate course on "Mushroom Cultivation"

18/04/2022 to 03/05/2022

Sr.No.	Name of The Student	Class	Contact No.	Signature
1.	Agre Anushka Rajendra	5.4.BSC	8080851531	Agre
2.	Ambhore Shrijit Prahlad	S.Y.B.SC	9356876499	AKBI3143W
3.	Badhe Anuja Mohan	5.4 BBc	9921128893	A = 11
4.	Bhagwat Sakshi Ganesh	FYBSC	9503561518	Magicel
5.	Bhalerao Siya Ashok	SYBSC	9527033352	SUNIAS
6.	Borde Amruta Subhash	TY. BSC	8856001097	AB:
7.	Bothe Rutuja Sunil	SYBSC	9356519301	- Outris
8.	Cholke Rushikesh N.	5. Y. B. 5c	8847732531	Bely.
9.	Cholke Suvarna Gorakshnath	5.7 B.SC.	808054474	Suvanna
10.	Dange Pooja Ashok	6. Y.BSC.	9834312828	Change
11.	Dateer Shital Shivram	FY.BSC	9923558231	Dutcy
12.	Dhokane Akshay Sanjay	5.1. B.S.C	9527402365	Alchol.
13.	Gadekar Kajal Balasaheb	S.Y. BSC	8624903817	On.
14.	Gadekar Rutuja Ravindra	S.7. B.SC .	8975965492	Rutiga
15.	Gadhave Aishwarya Vilas	Tybsc	9579653493	Righwarge
16.	Gadhave Varsha Vilas	TyBsc	9763783539	Marshapahve
17.	Game Rutuja Vishwanath	54.836	8855042396	0,
18.	Gangad Sapana Bharat	FYBSC	9096455096	General 5/13.
19.	Ghorpade Kaveri Ravsaheb	FY BSC	MACHER	Rui)
20.	Golhar Anil Indrabhan	12000		0
21.	Golhar Babasaheb A.	5.7. B.SC.	8806487423	(Audhan)
22.	Golhar Krushna Annasaheb	6 V 0	9697845949	
23.	Gunjal Chanchal Sudhakar	3. 1. BSC	9172505476	(Bring)
24.	Inamdar Arbaj Shakil	5.7. BBC	749892 1744	anjot!
-7.	mandar Aroaj Silakii	5.4. B.5 C	7666516179	Jacob (D)

25.	Jejurkar Manasi Ashok	SYBSC	7058 644166	Mauril
26.	Jejurkar Saurabh Dattatraya	Sy. BSC	7249586143	Fruit . ~
27.	Jorvekar Vaibhav Navneet	54.BSC.	78208784434	Wibhat
28.	Kadam Nikita Prakash	F.Y.BSC	8999307541	kadamn.P.
29.	Kale Shubham Prakash	S4. B52.	8380819580	Restory.
30.	Koktare Pratiksha Dattta	S: Y. B. 50	8308837662	OF J
31.	Kolapkar Gaytri Pandit	SY. BSC	8432991760	W Gravata -
32.	Lahare Aditya Laxman	SY.Bs sc	985 0733092	Zditja
33.	Momale Diya Govind	5.4. B. SC	8261953687	
34.	More Kajal Shivaji	F.y. B.sc	9881562670	1- h
35.	More Sonam Keshav	F.4 BSC	976212322	1 Sonom
36.	Nale Sapana Sunil	5:4.8.5C	7822071976	
37.	Nale Swati Bapu	S.7. B.SC.	9562897675	0
38.	Nale Tejas Rajendra	Sy. BSc	9307303318	a. A
39.	Nimse Shraddha Dyaneshwar			5 Nimse. s.g
40.	Nirmal Mayuri Machhindra	T.y.BSC.	9359871717	Mahi
41.	Parkhe Priti Raju	5.7. B.SL.	9652965040	
42.	Rohom Sonali Chandrakant	F.X. BSC	7218762864	
43.	Sadaphal Sailee Kailas	F.Y.BSC	9322145741	Daile .
44.	Salunke Ajinkya Kacharu	5. y. BSC	9022082265	
45.	Shaikh Rukaya Harun	S.Y. BSC	7499544641	An .
46.	Somavanshi Shraddha Santosh	F.Y. B.SC	9450396972	Egmavanshis.
47.	Sonawane Anuj Sanjay	54. BSC	9421230060	000000000000000000000000000000000000000
48.	Sonule Kajal Navnath	F.Y. BSC	8999766394	- Clause
49.	Sulakhe Ashwini Dnyandeo	5. y. BSC.		0
	Thorat Jaydatta Rajesh	5070 BSC	9156560989	Shuky @hore
50.			() ()	
50.	Tribhan Ramesh Radhakisan	5.4. B.50	9373472889	

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				0
53.	Tribhuvan Priti Babasaheb	Sy. BSC	8999 134719	Enbhuvan-P.O
54.	Tribhuvan Rohit Kiran	Sy BSC	9921939731	Pohit -
55.	Varpe Pratiksha Sanjay	5.4 BSC	8329774419	Pin
56.	Waghe Krutika Sonyabapu	S. Y. B. SC.	9322743593	Dwaghe.
57.	Waghe Sakshi Shankar	Sir Bsc	930766761	Awasha
58.	Wahadne Gauri Kishor	G. Y. B. SC	8805153920	Gel
59.	Wakchaure Sumit Jalindar	SY. B.SC.	95 79254237	Sunit.
60.	Wani Abhijit Ashok	SIY BSC	93769739	- 5
61.	Wani Makrand Sunil	6.4.BSC	9022979433	Mani.M.s -
62.	Yadav Amruta Shrirang	S.Y. 060	7498539383 88053.	Anda.
63.	Yadav Nikita Balasaheb	F. Y.BSC	9322884100	Boules.
64.	khapte Aakanksha Moxi		9699799458	A khafte.
65.	T	S.Y BSC	7620639155	Sweet
66.	Jejustan Sachin Kaosaheb	1 011	93738883	Dunsh.
67.	Dejuste Alcust subhon			C 1 1 1 1 1 1
68.	- Bawake Gayam Ash	1	9021552209	Grafitet N.B.
69.	Kadam Ashulash Rajan)		9309 822338	Al Walana
	Shaileh Aatik Riya	F.Y BSC	9209896783	Shahen
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73.			BANK BANK	
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(pr.v.s. pahil)



List of the students Enrolled for Training programme on

"Mushroom Cultivation"

	Date- 18/04/2022 t	0 03/	05/2	2022	07	20 100		r	ime	: 3.0	0pm	-5.0	0pn	1		
Sr.No.	Name of The Student	18/04				22/	COLUMN TO SERVICE SERV	Contract of the last of the la	04 26/0	27/	28/	29/	4 3%	102/05	103	1
1.	Agre Anushka Rajendra	P	P	P	P	P	P	P	7.0	P	19 10	4 1º		P	P	
2.	Ambhore Shrijit Prahlad	P	P	P	P	P	P	P	P	F		P	P	P	P	1
3.	Badhe Anuja Mohan	P	P	P	P	P	P	f	-	P	P	P	P	P	P	100
4.	Bhagwat Sakshi Ganesh	P	P	P	P	P	P	P		P	P	P	P	P	P	18
3 5.	Bhalerao Siya Ashok	P	P	P	P	P	P	P		P	P	P	P	P	P	13
6.	Borde Amruta Subhash	P	P	P	P	P	P	P	-	P	P	P	P	P	P	100
7.	Bothe Rutuja Sunil	P	P	P	P	P	P	P	ρ	P	P	P	P	P	P	1
8.	Cholke Rushikesh N.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	V.
9.	Cholke Suvarna Gorakshnath	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-
10.	Dange Pooja Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11.	Dateer Shital Shivram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	0
12.	Dhokane Akshay Sanjay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
13.	Gadekar Kajal Balasaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	P	1
14.	Gadekar Rutuja Ravindra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	101
9 15.	Gadhave Aishwarya Vilas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16.	Gadhave Varsha Vilas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	The state of the s
17.	Game Rutuja Vishwanath	P	P	P	P	P	P	r	P	P	P	P	P	P	P	33
18.	Gangad Sapana Bharat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19.	Ghorpade Kaveri Ravsaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7
20.	Golhar Anil Indrabhan	P	P	P	P	P	P	P	P	P	7	P	P	P		H.
21.	Golhar Babasaheb A.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	3/1
22.	Golhar Krushna Annasaheb	P	P	P	P	P	P	P	P	P	P	P	P		P	
23.	Gunjal Chanchal Sudhakar	p	P	P	P	P	P	P	P		p	P	B	P		-
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		18/04/	9/04	2%4	21/04	22/04	23/04	25/04	26/04	27/04	28/04	29/04	30/04	02/05	63/05	
24.	namdar Arbaj Shakil	P	P	P	P	P	P	P	P	P	P	P	P	P	19	
25.	Jejurkar Manasi Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26.	Jejurkar Saurabh Dattatraya	p	P	P	P	P	P	P	P	P	8	P	P	P	P	
27.	Jorvekar Vaibhav Navneet	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28.	Kadam Nikita Prakash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10
29.	Kale Shubham Prakash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	43
30.	Koktare Pratiksha Dattta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31.	Kolapkar Gaytri Pandit	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32.	Lahare Aditya Laxman	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
33.	Momale Diya Govind	P	P	P	P	P	P	P	P	P	P	P	P	P	P	4
34.	More Kajal Shivaji	P	P	P	P	P	P	P	P	P	P	P	P	P	P	13
35.	More Sonam Keshav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	12
36.	Nale Sapana Sunil	F	P	P	P	P	P	P	P	P	P	P	P	P	P	13
37.	Nale Swati Bapu	F	P	P	P	P	P	P	P	P	P	P	P	P	P	1
38	Nale Tejas Rajendra	Ŧ	· f	P	P	P	P	P	P	P	P	P	P	P	P	144
39	. Nimse Shraddha Dyaneshwar	a F	> f	P	P	P	P	P	P	P	P	P	P	P	P	34
40	. Nirmal Mayuri Machhindra	a P	P	P	P	P	P	P	P	P	P	P	P	P	P	3
41	. Parkhe Priti Raju	P	F	P	P	P	P	P	P	P	P	P	P	P	P	A
42	Rohom Sonali Chandrakan	it 1	P	P	P	P	P	P	P	P	P	P	P	P	P	19
43	Sadaphal Sailee Kailas	F	P	P	P	P	P	P	P	P	P	P	P	P	P	100
44	1. Salunke Ajinkya Kacharu	1	0 1	P	P	₽	P	P	P	P	P	P	P	P	P	1
4:	5. Shaikh Rukaya Harun	1	> 1	P	P	P	P	P	P	P	P	P	P	P	P	NA.
40	6. Somavanshi Shraddh Santosh	ia 7) f	P	P	P	P	P	P	P	P	P	P	P	P	1
4	7. Sonawane Anuj Sanjay		P	PP	P	P	P	P	P	P	P	P	P	P	P	100
4	8. Sonule Kajal Navnath		P	PP	P	P	P	P	P	P	P	P	P	P	P	10
4	9. Sulakhe Ashwini Dnyande	00	PI	P	P		-	P	P	P	P	P	P	P	P	0.0
5	0. Thorat Jaydatta Rajesh	1	0	PP	F	P	& Co	P	P	P	P	P	F	P	P	16
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Dept.of Botany

		18/04	19/04	20/04	21/04	2/04	23/04	25/04	26/04	27/04	28/04	29/04	30/04	02/05	3/05	
51.	Tribhan Ramesh Radhakisan	P	P	P	P	ρ	ρ	P	P	P	P	p	P	P	P	*
52.	Tribhuvan Nandini Nansaheb	P	P	P	P	ρ	P	P	P	P	P	P	P	P	P	10
53.	Tribhuvan Priti Babasaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	P	2
54.	Tribhuvan Rohit Kiran	P	P	P	P	P	P	P	P	P	P	P	P	P	P	.11
55.	Varpe Pratiksha Sanjay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
56	. Waghe Krutika Sonyabapu	P	P	P	p	P	P	P	P	P	P	P	P	P	P	
57	. Waghe Sakshi Shankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	400
58	. Wahadne Gauri Kishor	F	P	P	ρ	P	P	P	P	P	P	P	P	P	P	100
59	. Wakchaure Sumit Jalindar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	072
60	. Wani Abhijit Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	WE TO
61	. Wani Makrand Sunil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
62.	Yadav Amruta Shrirang	P	P	P	P	P	P	P	P	P	P	P	P	ρ	P	
63.	Yadav Nikita Balasaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	p	-
64.	Khapte Akanksha Govind	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-8
65.	Jejurkar Sachin Raosaheb	P	P	P	P.	P	P	P	P	P	P	P	P	P	P	1
66.	Jejurkar Akash Subhash	F	P	P	P	P	P	P	P	P	P	P	P	P	P	
67.	Bawake Gayatri Ashok	P	P	P	f	P	P	P	P	P	P	P	P	P	P	1
68.	Kadam Ashutosh Rajendra	P	1	P	P	P	P	P	P	P	P	P	P	P	P	130
-1 69.	Shaikh Aatik Riyaz	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

(or. v.s. pahi).

Commerce College Dept. of Dept

Department Of Botany Art's Science & Commerce College Rahata,423107

SHIRDI SAI RURAL INSTITUTE'S

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA-423107 Department of Botany Report on

"Certificate Course on Mushroom Cultivation"

Department of Botany of Arts, Science and Commerce College, Rahata, has been organized a "Certificate course on Mushroom Cultivation" during the period of 18th April 2022 to 3rd May 2022. This is a certificate course aims to provide subject-matter and manual knowledge on mushroom cultivation and to popularize its advantageous farm economics. It thoroughly describes and infuse the theory and practical knowledge on subject.

In this certificate course total 69 students were participated and they successfully completed the course. During the period of the course one day training programme on 25th April, 2022 was also organized for the practical knowledge of mushroom cultivation. Prof. Varpe S.N., Nutan Arts, Commerce and Science College, Rajapur Mr. Jay Pathave, Premium Mushroom and Mr. Ravindra Ghane CEO, Premium Mushroom were the Resource Persons for the Training Programme on Mushroom Cultivation. These resource persons guided and gave practical knowledge regarding mushroom cultivation to the students.

- Prof. Varpe S. N. delivered a talk on uses and significance of Mushroom Cultivation with the help of power point presentation.
- Mr. Jay Pathave, guided the students on Benefits and Marketing strategies of Mushroom Cultivation.
- Mr. Ravindra Ghane gave Practical Demonstration of Mushroom Cultivation.

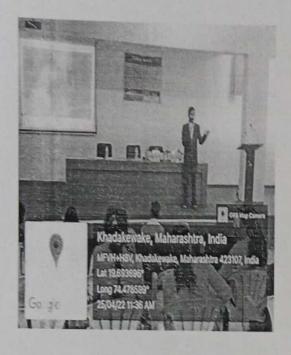
Hon'ble Principal Mr. Sanjay V. Lahare gave the welcome speech and Introduction. Hon'ble Director Dr. M. N. Kharde, SSRI gave the presidential address. Dr. V. S. Patil, Assistant Professor, Department of Botany delivered the vote of thanks.

The certificate course was really fruitful and will definitely help the youth to choose their

career.

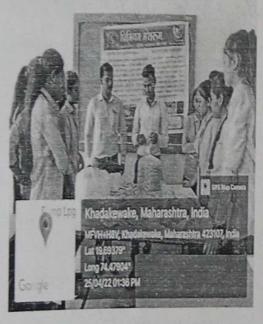
S. Patil

Co-ordinator





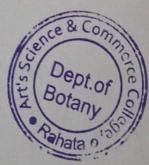
Power Point Presentation on Mushroom Cultivation





- Benefits and Marketing Stratergies
- Practical Demonstration of Mushroom

Cultivation



Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Botany

Test Paper for

Certificate Course on Mushroom Cultivation (2021-22) Name - Bothe Rutuja sunil Marks-25 Class -SYBSC. Date- 03/05/2022 1. Mushroom belongs to class? Phyllophyceae b. Basidiomycetes c. Chlorophyceae d. None of these. 2. A mature Fruiting body of mushroom has following parts? b. Pileus C. Both a and b d. None of these. 3. Mushrooms contain amount of protein? a.100% b. 10% c.20-40% d. Negligible 4. Mushroom is Hetero trophic Funguy. a. Saprophytic fungi b. Autotrophic Algae c. Heterotrophi fungus d. None of these. 5. The poisonous or inedible species of fungi are known as, a. Mushrooms b. Bracket fungi c. Toad stools d. Saprophytic fungi 6. Mushroom are good source of Protein. b. Carbohydrates c. Fats d. None of these a. Protein 7. Preservation methods of Mushroom are...... a. Pickling b. Canning c. Both a and b d. None of these 8. During Spawining temperature should be maintain between.... a. 20-30 b. 55-70 c. 80 - 100d. 0-10 9. Mushroom has...... a. Anticancer property b. Anti-aging property c. Antibiotic property d. All of the above. 10. Mushroom is a fungus a. Pteridophytes b. Bryophytes c. Fungus d. Lichen 11, Short method of Mushroom compost preparation requires Days. a.14-18 days b. 10 days c. 20 days d. 30 days 12/It grows during c. Rainy Season a. Summer season b. Wint ers d. In all Seasons

13. Component of Mushroom farm are

a. Spawn unit b. Inoculation room c. Incubation room d. All of the above

14. Spawn is the of Mushroom.

a. Spores b. Mycellium c. Fruits d.Both a and b

15. What is the mode of nutrition of Mushroom?

a. Photosynthetic b. Chemosynthetic c. Saprophytic d. None of the above

Q.2 Write the Process of Mushroom Cultivation?

) preparation of pure culture of pleurotus -

Requirement: Inoculum fruiting Body of pleurotus some glass. Wares. Non-absorbent cotton, autoclave, laminar fresh flow cabine glucose, agar-agar powder Distilled Water alcohol ete

1) pethiplate glass Roads and other glass Warres Werre steallized at 15 Ib pressure for 120 c autoclave.

2) pleurotus ostreatus was taken as unoculums.

preparation of PDA - 1) Bowl 250 9m of potato 2) tilter the help of the. muslin cloth. s) mixed with agar powder. 4) after autodaving the medium is passed un sterilized petripiate.

@ spawn preparation. I bayra and jawar grains are Boiled with equal volmor water of the grains are spraid win blotting paper 3) 21. caco3. powder added to grains and mixed uniformly, and maintain pH.

4) the mixture with Hilled polythene bag and plug tightly and steplied autoclare s) after sterlization. bottle are eool down completely.

6) after 15 days, the garain are covered with White mycelium, terms as spawn.

3 substrate preparation: oyster mashroom can be cultivated on a large number of agro wastes Rich cellulose and ligin correlated with more yeld.

(4) crop managment

a) Incubation spawned bag, tray or boxes are arranged in a dark. cropping Room on rafsed platform.

b) fruiting. the fungus is already fruiting water is Required develop Humidity and high dry matter.

c) Harvesting & yelld, the Right time picking can be judged by the shape and size fruiting pody Release spore by twisting left on beds

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA. Department of Botany Test Paper for

Certificate Course on Manager for	
Name - Khapte Aakankaka Course on Mushroom Cultivation (2021-22)
Class - 8 7 BSC	Marks- 25
1. Mushroom belongs to class?	Date- 03/05/2022
a. Phyllophyceae h Posidi	50.0012022
a. Phyllophyceae b. Basidiomycetes c. Chlorophyceae d. 2. A mature Fruiting body of mushroom has following part a	None of these
2. A mature Fruiting body of mushroom has following parts?	or these.
3. Mushrooms contain d. None of these.	
4. Mushroom is	
13	
a. Saprophytic fungi b. Autotrophic Algae C. Heterotrophi fungus 5. The poisonous or inedible species of fungi are known as	
5. The poisonous or inedible species of fungi are known as,	d. None of these
a. Mushrooms b Produce of fungi are known as,	of these.
a. Mushrooms b. Bracket fungi Cond stools d. Saprophytic 6. Mushroom are good source of	funci
Olimini	-ungi
7. Preservation with a company of these	
reservation methods of Mushroom are	
b. Canning c. Both a and b	
spawning temperature should be maintain to	
20-30 b. 55-70 c. 80-100 d. 0-10	
9. Mushroom has	
a. Anticancer property b. Anti-aging property	
a. Anticancer property b. Anti-aging property c. Antibiotic property 10. Mushroom is a	d All of the above.
a. Pteridophytes b. Bryophytes c. Fungus d. Lichen	
11. Short method of Mushroom compost preparation requires Days.	
M. 17-10 days D III days	
12. It grows during	
a Summer season b. Wint ers Rainy Season d. In all Season	
d. In all Seasons	

13. Component of Mushroom farm are

a. Spawn unit b. Inoculation room c. Incubation room d. All of the above

14. Spawn is the of Mushroom.

a. Spores b. Mycellium c. Fruits & Both a and b

15. What is the mode of nutrition of Mushroom?

a. Photosynthetic b. Chemosynthetic c. Saprophytic d. None of the above

Q.2 Write the Process of Mushroom Cultivation?

10M

flowchart for mushroom cultivation

The preparation of pure culture of Pleurotus
by use of PDA

The spawn Preparation by using wheat grains

substrate preparation by using various agro-wastes

Actual cultivation of mushroom by using spacen

Interboluced in cut and boiled wheat strawin a
Plastic bag

Incubation for development of mycelium

fruiting after opening of the bag with fully developed mycelium

Harvesting and Mield

Department of Botany Certificate Course on Mushroom Cultivation (2021-22) Student Mark List

r.No.	Name of the Student	25 M	05 M	30 M
1.	Agre Anushka Rajendra	19	05	24
2.	Ambhore Shrijit Prahlad	20	05	25
3.	Badhe Anuja Mohan	20	05	25
4.	Bawake Gayatri Ashok	18	05	23
5.	Bhagwat Sakshi Ganesh	19	05	24
6.	Bhalerao Siya Ashok	18	05	23
7.	Borde Amruta Subhash	17	05	22
8.	Bothe Rutuja Sunil	23	05	28
9.	Cholke Rushikesh N.	17	05	22
10.	Cholke Suvarna Gorakshnath	18	05	23
11.	Dange Pooja Ashok	19	05	24
12.	Dateer Shital Shivram	20	05	25
13.	Dhokane Akshay Sanjay	17	05	22
14.	Gadekar Kajal Balasaheb	18	05	23
15.	Gadekar Rutuja Ravindra	19	05	24
16.	Gadhave Aishwarya Vilas	19	05	24
17.	Gadhave Varsha Vilas	19	05	24
18.	Game Rutuja Vishwanath	17	05	22
19.	Gangad Sapana Bharat	21	05	26
20.	Ghorpade Kaveri Ravsaheb	20	05	25
21.	Golhar Anil Indrabhan	18	05	23
22.	Golhar Babasaheb A.	18	05	23
23.	Golhar Krushna Annasaheb	19	05	The Int
24.	Gunjal Chanchal Sudhakar	20	05	24
25.	Inamdar Arbaj Shakil	20	05	25

26. J	lejurkar Sachin Raosaheb	17	05	22
27.	Jejurkar Akash Subhash	17	05	22
28.	Jejurkar Manasi Ashok	19	05	24
29.	Jejurkar Saurabh Dattatraya	18	05	23
30.	Jorvekar Vaibhav Navneet	19	05	24
31.	Kadam Ashutosh Rajendra	17	05	22
32.	Kadam Nikita Prakash	19	05	24
33.	Kale Shubham Prakash	17	05	22
34.	Khapte Akanksha Govind	20	05	25
35.	Koktare Pratiksha Dattta	18	. 05	23
36.	Kolapkar Gaytri Pandit	17	05	22
37.	Lahare Aditya Laxman	17	05	22
38.	Momale Diya Govind	19	05	24
39.	More Kajal Shivaji	18	05	23
40.	More Sonam Keshav	18	05	23
41.	Nale Sapana Sunil	17	05	22
42.	Nale Swati Bapu	17	05	22
43.	Nale Tejas Rajendra	18	05	23
44.	Nimse Shraddha Dyaneshwar	19	05	24
45.	Nirmal Mayuri Machhindra	17	05	22
46.	Parkhe Priti Raju	18	05	23
47.	Rohom Sonali Chandrakant	19	05	24
48.	Sadaphal Sailee Kailas	18	05	23
49.	Salunke Ajinkya Kacharu	19	05	24
50.	Shaikh Aatik Riyaj	16	05	21
51.	Shaikh Rukaya Harun	18	05	23
52.	Somavanshi Shraddha Santosh	19	05	24
53.	Sonawane Anuj Sanjay	20	05	25

54.	Sonule Kajal Navnath	21 05		26
55.	Sulakhe Ashwini Dnyandeo	20	05	25
56.	Thorat Jaydatta Rajesh	18	05	23
57.	Tribhan Ramesh Radhakisan	19	05	24
58.	Tribhuvan Nandini Nansaheb	19	05	24
59.	Tribhuvan Priti Babasaheb	19	05	24
60.	Tribhuvan Rohit Kiran	20	05	25
61.	Varpe Pratiksha Sanjay	20	05	25
62.	Waghe Krutika Sonyabapu	21	05	26
63.	Waghe Sakshi Shankar	20	05	25
64	Wahadne Gauri Kishor	21	05	26
65	Wakchaure Sumit Jalindar	19	05	24
66	Wani Abhijit Ashok	18	05	23
67	Wani Makrand Sunil	18	05	23
68	Yadav Amruta Shrirang	19	05	24
69	Yaday Nikita Balasaheb	19	05	24

Department Of Botany
Art's Science Perce College
Randa - 23107









Shirdi Sai Rural Institute's Arts, Sciences and Commerce College, Rahata

Tal. Rahata, Dist. Ahmednagar
NAAC Reaccredited 'B++' Grade College

Department of Botany

Gertificate

This certificate is awarded to

Mr./Ms	
of Class	for successful completion of the certificate course on
"Mushroom Cultivation" of 1.	3 working days (31Hrs) duration organized by the Department of Botany,
Arts, Science and	Commerce College, Rahata from 18/04/2022 to 03/05/2022.

Dr. Varsha S. Patil Co-ordinator Prof. Sanjay .V. Lahare I/C- Principal





Dr. Varsha S. Patil

Co-ordinator

Prof. Sanjay .V. Lahare

I/C- Principal

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA Certificate Course on Mushroom Cultivation

Under Department of Botany 2021-22.

Feedback Analysis

Sr. No	Feedback Analysis Opinion								
	Questions	Excellent	Very Good	Good	Average	Total			
1	Do you feel that your Knowledge	62	05	02		69			
	or skills have improved by taking the course?	89.85%	7.24%	2.89%		100%			
2	Was the course easy to follow?	55	10	04		69			
		79.71%	14.49%	5.79%		100%			
3	Did you feel comfortable expressing your problems to your trainer?	65	03	01		69			
		94.20%	4.34%	1.44%		100%			
4	Was your trainer prepared for class?	67	02	-		69			
		97.10%	2.89%		-	100%			
5	How was the Overall arrangement of Mushroom Cultivation?	69	-	-	-	69			
		100%		-	-				
	Average Percentage	92%	6%	2%		100%			

Highlight of Feedback Analysis:

- 1. 92% participants strongly agree with all questions.
- 2. 6% participants were agreeing with all questions.
- 3. 2% participants' unsure involvement.
- 4. 0% participants were disagreeing with all questions.

Dr. V. s. Pati).

Dept. of Botany

Principal, Prof. S.V. Lahare

Shirdi Sai Rural Institute's'

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Certificate Course on Mushroom Cultivation

Under

Department of Botany Feedback form 2021-22.

Name of the participant- Haghe koutika sonyabapu Class: SYBSC

Q.1 Do you feel that your Knowledge or skills have improved by taking the course?

- o Excellent
- Very Good
- o Good
- o Average

Q.2 Was the course easy to follow?

- o Excellent
- o Very Good
- Good Good
 - o Average

Q.3 Did you feel comfortable expressing your problems to your trainer?

- Excellent
 - o Very Good
 - o Good
 - o Average

Q.4 Was your trainer prepared for class?

- o Excellent
- Very Good
 - o Good
 - o Average

Q.5 How was the Overall arrangement of Mushroom Cultivation?

- o Excellent
- o Very Good
- Good
- o Average



Burnghe

23

Shirdi Sai Rural Institute's'

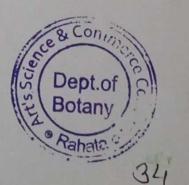
ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Certificate Course on Mushroom Cultivation Under Department of Botany

Department of Botany Feedback form 2021-22.

Name of the participant- cholke Suvarna Goraks houth Class: S.y. BSC

- Q.1 Do you feel that your Knowledge or skills have improved by taking the course?
 - o Excellent
 - Very Good
 - o Good
 - o Average
- Q.2 Was the course easy to follow?
 - o Excellent
 - o Very Good
 - Good Good
 - o Average
- Q.3 Did you feel comfortable expressing your problems to your trainer?
 - Excellent
 - o Very Good
 - o Good
 - o Average
- Q.4 Was your trainer prepared for class?
 - o Excellent
 - o Very Good
 - **✓** Good
 - o Average
- Q.5 How was the Overall arrangement of Mushroom Cultivation?
 - Excellent
 - o Very Good
 - o Good
 - o Average



Justiel.

All the faculty Members of the Department of Botony are informed that Departmental Meeting will be held on 103/2022 at 1000 am in -the depostment of Botany Agenda Discussion about the parmission for certificate course. Duration & time table setting for 21 Certificate course syllabus Framming about certificate course Department Of Botany Art's Science & Commerce Coilege Rahata 423107 Prof R. A. Dosai (PDCSCI) Mioutes - In Meeting discussion about the Permission for Mushroom pullivation (CHilicale course, Do Vs Polit Madein cas fold was appointed as a co compater

- for rotificate course & conduct the

- For the course date & duration was discussing - 18 April 202 as follows - Date 15 day (30 hours Prof. S.V. Lahare & Dr. V.S. Pati The syllobus for s.y. Bsc students included for - 16e certificate course Department Of Botany Art's Science & Commerce College Rahata. 423107

SSRI'S

Arts, Science and Commerce College, Rahata

Department of Economics

Certificate Course File

Academic Year 2021-2022

Title of Course	Introduction to Banking
Organized by	Department of Economics
	,A.S.C. College Rahata
Place	Department of Economics
	,A.S.C. College Rahata
Duration	30 Hours
Coordinator	Dr. Jayshree Dighe
Teacher	Dr. Jayshree Dighe
	Dr.Archana antre

Dr. Dighe J.R.

Dept. of Economics,

A.S.C. College, Rahata.

Date: 11/04/2022

To,

The Principal,

A.S.C.College, Rahata.

<u>Subject:</u> - Regarding permission to Start a certificate course on "Introduction to Banking" Respected Sir,

With reference to the above-mentioned subject, I would like to seek permission to Start a certificate course on "Introduction to Banking" for student of Arts faculties' for 30 hours. The syllabus of the course is attached herewith.

Kindly grant the permission.

Thank you.

Yours sincerely,

(Dr. Dighe J.R.)

HoD, Economics,

A.S.C. College, Rahata.



On INTRODUCTION TO BANKING

Duration 25th April 2022 to 31st May 2022 Hurry up/ Limited Seats Available

Objective of the Course

To create the awareness among the students of Modern Banking System

To Clear understanding of the operations of banking

Course outcome

To Understand the Basic Concepts of Banking and Functions of Banking

To understand the Modern Banking Services
Dr. J.R.Dighe Prof. S.

Dr. J.R.Dighe HoD Dept. of Economics (8379966808) Prof. Sanjay Lahare Principal 'Shirdi Sai Rural Institutes,

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)

(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)

Email: ssripravara@rediffmail.com, rahatacollege@rediffmail.com

Phone- (02423) 243892, 242391 Fax- (02423) 242488



Website: http://ascrahata.org

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011- 12)

Recipient of "Best Rural College Award", University of Pune (2013)

NAAC RE-ACCREDITED "B++" GRADE COLLEGE

ASCCR /ECO/2021-22 12 2

Date18/04/2022

To

Dr. Vijay Nirmal

Department of Commerce,

P.V.P College Loni

Subject – An Invitation for the Syllabus framing workshop of Certificate Course Introduction to Banking

Dear Sir,

We are pleased to inform you that you are cordially invited for Syllabus framing workshop of Certificate Course on Introduction to Banking as a Subject Expert which will be held in April, 2022 by our College for the Academic year 2021-2022. The workshop is scheduled on 20/04/2022, Wednesday at 11.00am .in Economics department of our college

We sincerely hope that you will be able to confirm your presence for this Syllabus framing workshop.

We look forward for your presence.

Thanking You,

You're faithfully

Principal
1/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist Ahmednager

'Shirdi Sai Rural Institutes,

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



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NAAC RE-ACCREDITED "B++" GRADE COLLEGE

ASCCR /ECO/2021-22 12 2

Date18/04/2022

To,
Prof.Satish Gonde
Department of Economics

ASC Kolhar College

Subject – An Invitation for the Syllabus framing workshop of Certificate Course Introduction to Banking

Dear Sir,

We are pleased to inform you that you are cordially invited for Syllabus framing workshop of Certificate Course on Introduction to Banking as a Subject Expert which will be held in April, 2022 by our College for the Academic year 2021-2022. The workshop is scheduled on 20/04/2022, Wednesday at 11.00am .in Economics department of our college

We sincerely hope that you will be able to confirm your presence for this Syllabus framing Workshop.

We look forward for your presence.

Thanking You,

ou're faithfully

Principal

I/C PRINCIPAL

Art's, Science & Commerce College

Rehata Dist Ahmednagar

"Shirdi Sai Rural Institute's"

ARTS, SCIENCE AND COMMERCE, COLLEGE, RAHATA.

TAL- RAHATA, DIST- AHMEDNAGAR.

Department of Economics

Name of The Course: Certificate Course in Introduction to Banking

Duration- 30 Lectures (25th April 2022 to 31st May 2022)

Syllabus

Objective of the Course:-

- To create the awareness among the students of Modern Banking System.
- To Clear understanding of the operations of banking .

Course outcome

- To Understand the basic concepts of banking and functions of banking
- To understand the modern banking services e.g. e-banking, m banking and internet banking

Syllabus

Functions of Commercial Banks

10 lecture

- Primary Functions-Accepting Deposits, Granting Loans & Advances.
- Secondary Functions-Agency Functions, General Utility Functions
- Methods of Remittances.

Operation & Types of Accounts

10 lecture

- Opening and operating of Deposit Account.
- Closure and Transfer of Accounts
- Types of Account Holders Individual & Institutional
- No Frills Account, Escrow Account

New Technology in Banking

10 lecture

- E-Banking Need and Importance
- Meaning, concept and operation of –
- Automated Teller machine- ATM
- Credit Card 6.2.3 Debit Card
- Tele Banking
- Mobile Banking

- Net Banking
- Society for worldwide Interbank Financial Telecommunication
- Core Banking
- * RTGS

Dr. J.R. Dighe

Course In- charge

& HoD, Economics HEAD

DEPARTMENT OF ECONOMICS

Art's, Science merce College Rahata, Discontinuous agar

Prof Saitish Gonde Dr. Nijay Niramal Subject Expert Subject Expert

Prof. Sanjay Lahare Approved by Principal

1/C PRINCIPAL Art's, Science & Commerce College Rahata, Dist. Ahmednagar 'ShirdiSai Rural Institutes,

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA



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NAAC RE-ACCREDITED "B++" GRADE COLLEGE

ASCCR /ECO/2021-22 |2-5

Date-22/04/2022

To,
Dr. Vijay Nirmal
Department of Commerce,
P.V.P College Loni

Subject - letter of Attendance as Subject Expert

Dear Sir,

As per the Above Mentioned Subject, we would like to thank you for remaining present as a Subject Expert for Syllabus framing workshop of Certificate Course on 'Introduction to Banking' on 20/04/2022, Wednesday.

We look forward for your cooperation in this regard in future also.

Thanking You,

Principal

I/C PRINCIPAL Art's, Science & Commerce College Rahata, Dist Ahmednagar 'Shirdi Sai Rural Institutes,

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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NAAC RE-ACCREDITED "B++" GRADE COLLEGE

ASCCR /ECO/2021-22 / 3 5

Date-22/04/2022

To, Prof.Satish Gonde Department of Economics ASC Kolhar College

Subject - letter of Attendance as Subject Expert

Dear Sir,

As per the Above Mentioned Subject, we would like to thank you for remaining present as a Subject Expert for Syllabus framing workshop of Certificate Course on Introduction to Banking on 20/04/2022, Wednesday.

We look forward for your cooperation in this regard in future also.

Thanking You,

Principal

I/C PRINCIPAL Art's, Science & Commerce College Rahata, Dist. Ahmednagar

SSRI'S

Arts, Science and Commerce College, Rahata

Department of Economics

Certificate Course

Syllabus Framing Workshop Report

20/04/2022, Wednesday

The committee undersigned met on 20 April, 2022, Wednesday at the department of Economics of Arts, Science and Commerce College Rahata to Discuss and finalize the syllabus for Certificate course in Introduction to Banking, which would be conducted by the department of Economics during the Academic year 2021-2022 the committee finalized the syllabus unanimously and suggested ways to evaluation.

Following members were present

- 1. Prof.Satish Gonde ASC Kolhar College- External Subject Expert
- 2. Dr. Vijay Nirmal P.V.P College Loni External Subject Expert
- 3. Dr. Jayshree Dighe ASC College, Rahata-Internal Subject Expert

Dr. Jayshree Dighe

Prof.Satish Gonde

Dr. Vijav Nirmal

DEPARTMENT OF ECONOMICS Art's, Science & Commerce College Rahata, Dist. Ahmednagar

Arts, Science and Commerce College Rahata

I/C PRINCIPAL

Art's, Science & Commerce College
Rahata, Dist. Ahmednagar

Encl: Approved Syllabus

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Tal -Rahata, Dist. -Ahmednagar

Department of Economics

Introduction to Banking Certificate Course

NOTICE

22/04/2022

All the Students of FYBA are informed that a Certificate Course in Banking will be conducted by the Department of Economics in Month of April and May, 2022 .it will be a Course in "Introduction to Banking" that would help you to awareness of Banking system and update your banking knowledge .All are requested to attend the course .the time table will be Displayed on the notice board.

Head,

Department of Economics

HEAD

DEPARTMENT OF ECONOMICS Art's, Science & Commerce College Rahata, Dist. Ahmednagar Principal

I/C PRINCIPAL

Art's, Science & Commerce College
Rahata, Dist. Ahmednagar

Shirdi Sai Rural Institute's

ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Tal -Rahata, Dist. -Ahmednagar

Department of Economics

Introduction to Banking Certificate Course

Time Table 2021-2022

Sr. No	Time	Mon	Tue	Wed	Thus	Fri	Sat
1.	1.30pm	F.Y.B.A	F.Y.B.A	F.Y.B.A	F.Y.B.A	F.Y.B.A	F.Y.B.A
	to2.30pm	(DR.AGA)	(DR.AGA)	(DR.AGA)	(DR.JRD)	(DR.JRD)	(DR.JRD)

"Shirdi Sai Rural Institute's"

Arts Science and Commerce, College Rahata.

Tal –Rahata ,Dist- Ahmednagar .

Department of Economics

Name of the Course - Introduction to Banking

Course Duration - 30 Lecture (25th April 2022 to 31st May 2022)

Students List

Sr.No	Students Name	Sign
1	AJABE NILESH ANANDA	(Thowar
2	ANAP AISHWARYA DATTATRAYA	Levidre
3	ANAP KRUSHNA RAMESH	O'AUCI_
4	ATRE SARTHAK POPAT	NSP=
5	BARE SAI BAPUSAHEB	- QSQ
6	BHAGWAT ABHINAV PANDIT	ALL:
7	BHALERAO ANKITA VIJAY	Anila
8	BHALERAO SUNNY BALASAHEB	an halera
9	BHALERAV MADHURI VIJAY	Mad hum
10	BHUJBAL RUTUJA GANGARAM	Rutura
11	CHAVHAN RAVIN SHIVARAM	Correct
12	CHOLKE GAURAV LAXMAN	Calibrati
13	CHOLKE MILIND SANJAY	Ganson
14	DANGE PRASHANT BABASAHEB	JONS HA
15	DANGE VISHAL SHANTARAM	Wahnang.
16	DHUMASE ARCHANA NANASAHEB	Alanne
17	DUSHING PRANJALI SUNIL	- June
18	GADEKAR AJINKYA ANNASAHEB	6 - 100
19	GAIKWAD KOMAL RANGNATH	Komal Komal
20	GAIKWAD PRATIKSHA RAMESH	0 1 0
21	GANGURDE VIJAY SANJAY	9-14-18
22	GHODERAO PAVAN BHIMRAJ	10000
23	JADHAV KARAN SANJAY	Manage
24	JADHAV PRIYANKA DATTATRAY	IDHOI
25	JADHAV SANKET BABASAHEB	(Zorkan)
26	JEJURKAR AKSHAY SANJAY	DIAMA
27	KADAM KARAN BHAUSAHEB	Kom mo
28	KALDATE RAVINDRA BABASAHEB	(Solution
29	KANDALKAR MARUTI NANASAHEB	COOP OF OUT
30	KAPASE RUPESH PRALHAD	VICE CONTRACTOR
31	KHARPAS ROHIT SITARAM	1

		7
32	KHILLARI MAHESH MANJAHARI	diddhel.
33	KULKARNI PRASAD PRASHANTRAO	Physical
34	LANDGE SHIVANI SUBHASH	SHILADI
35	LONDHE AISHWARYA BABASAHEB	(boole
36	LONDHE PRAVIN ASHOK	Tanelha
37	MATSAGAR ESHA BALASAHEB	0.0.0
38	MOKAL VAISHALI SHUKLESHWAR	Mokal V S.
39	MOKAL VIVEK BHIMRAJ	MORAL
40	MORE KIRAN BALU	More
41	MORE RUTIK GULAB	m. R.9
42	MORE SHITAL DHANESHWAR	SHITTAL
43	MUJAMULE SAGAR KAILAS	10 R &
44	MUJMULE DHANANJAY KUNDLIK	mymule DK
45	MURTADAK APEKSHA ASHOK	Ashek
46	NALE SIDDHARTH BABASAHEB	MALE
47	NALE SUYOG SHANKAR	ENART LY
48	NALE SWAPNIL SUNIL	Nale s.s
49	NIKALE KSHITIJA SANDIP	HINDIE
50	PAGARE REVNNATH APPASAHEB	Palare
51	PATHADE JAYSHRI YADAV	JAYSHRI
52	PATIL MAHESHWARI SUNIL	patil · S.M
53	PAWAR ANIRUDDHA PRAKASH	Payell
54	PILGAR RANJEET SUBHASH	F.K.S
55	VAIDYA JAYASHRI BALASAHEB	0-1-15
56	VARADE KAVERI HAUSHIRAM SHINDE SAYLI BANDU	Siddel
57	THE PART OF THE PA	and all
58	THE PART OF THE PARACUIDANA	Dis B
59	THE STREET BUNGA BARIL	Sandar 11
60	WAGHMARE DIVYA BABU	Shvansry

HEAD

DEPARTMENT OF ECONOMICS Art's, Science & Commerce College Rahata, Dist. Ahmednagar I/C PRINCIPAL

Art's, Science & Commerce College Rahata, Dist. Ahmednagar

"Shirdi Sai Rural Institute's" Arts Science and Commerce, College Rahata.

Tal –Rahata ,Dist- Ahmednagar .

Certificate Course in Economics -Introduction to Banking, Class- F.Y.B.A.

Students Attendance record
se Duration – 30 Lecture (25th April 2022 to 31st May 2022)

								(Course	Dura	tion -	- 30 Le	cture	(25th	April 2	2022 t	to 31s	May	2022)												
Sr. No	Name of 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	26	27	28	29	30
	Date	25	26	27	28	29	30	2	4	5	6	7	9	10	11	12	13	14	17	18	19	20	21	23	24	25	26	27	28	30	31
1	AJABE NILESH ANANDA	P	P	P	P	P	P	P	P	P	p	P	p	P	P	P	P	p	P	P	P	P	P	p	P	P	P	P	P	P	P
2	ANAP AISHWARYA	19						To all								-	-	,	-	-	-			-	V	4	-	1	4	1	
	DATTATRAYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P
3	ANAP KRUSHNA RAMESH	P	P	P	P	P	P	P	P	P	P	p	P	P	p	P	P	p	P	P	P	P	P	P	p	P	P	P	P	P	P
4	ATRE SARTHAK POPAT	P	P	P	P	P	P	P	P	p	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	BARE SAI BAPUSAHEB	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	BHAGWAT ABHINAV PANDIT	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P
7	BHALERAO ANKITA VIJAY	P	P	P	P	P	p	P	P	P	p	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P
8	BHALERAO SUNNY BALASAHEB	P	P	P	P	P	p	P	P	P	p	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	BHALERAV MADHURI VIJAY	P	p	P	P	P	P	P	P	P	p	P	p	P	P	P	P	P	P.	P	P	P	P	P	P	P	P	P	P	P	P
10	BHUJBAL RUTUJA GANGARAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	CHAVHAN RAVIN SHIVARAM	p	p	p	P	P	P	P	P	p	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	CHOLKE GAURAV LAXMAN	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	Þ	P	P	P	P	P	P	P	P	P	P
13	CHOLKE MILIND SANJAY	P	p	P	P	P	P	P	P	P	p	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P
14	DANGE PRASHANT BABASAHEB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7	P	P	P	r	P	P	P	P	P	P
								7													-	-				7			- 4		

15	DANGE VISHAL SHANTARAM	p	P	p	P	P	P	P	p	P	P	P	0	P	P	P	P	P	P	P	P	P	P	P	p	P	ρ	P	P		_
16	DHUMASE ARCHANA NANASAHEB	P	P	P	P	P	P	P	P	P	p	P	P	p	0	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	DUSHING PRANJALI SUNIL	P	P	P	P	P	P	P	P	P	0	P	0	P	P	P	p	P	p	D	P	P		P		P	P	P		1	P
18	GADEKAR AJINKYA ANNASAHEB	p	P	P	P	p	P	P	P	P	P	p	p	P	P	P	ρ	P.	P	P	P	P	P	P	P	P	P	P	P	P	P
19	GAIKWAD KOMAL RANGNATH	p	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	GAIKWAD PRATIKSHA RAMESH	P	P	P	P	p	P	P	P	P	P	P	b	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P
21	GANGURDE VIJAY SANJAY	p	P	p	P	P	P	P	P	P	p	P	P	p	p	()		P	P	P	P	P	P	P	P	P	P	P	p	P	P
22	GHODERAO PAVAN BHIMRAJ	P	P	P	P	P	P	P	P	P	p	P	P	P	P	p	P	P	P	P	P	P	P	p	p	P	P	P	p	P	0
23	JADHAV KARAN SANJAY	P	P	P	P	P	P	P	P	D	P	p	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	0	
24	JADHAV PRIYANKA DATTATRAY	p	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Pp
25	JADHAV SANKET BABASAHEB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	p	P	P	P	P	P	P	P	P	P	P	P	P	P
6	JEJURKAR AKSHAY SANJAY	p	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	p	P	p	p	D	P	P	P	P	P	p	P
7	KADAM KARAN BHAUSAHEB	P	P	p	P	P	p	P	P	P	p	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	KALDATE RAVINDRA BABASAHEB	P	P	P	P	p	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	0	P	D	P	P
9	KANDALKAR MARUTI NANASAHEB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P
0	KAPASE RUPESH PRALHAD	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P
31	KHARPAS ROHIT SITARAM	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	KHILLARI MAHESH MANJAHARI	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

33	KULKARNI PRASAD PRASHANTRAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	p	P	P	P	P	P	P	P	P	P	P	P
34	LANDGE SHIVANI SUBHASH	p	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P
35	LONDHE AISHWARYA BABASAHEB	P	P	P	P	P	ρ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P
36	LONDHE PRAVIN ASHOK	P.	P	P	P	P	P	P	P	P	P	P	P	p	P	p	P	P	þ	p	P	P	P	P	P	P	P	P	P	P	P
37	MATSAGAR ESHA BALASAHEB	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	MOKAL VAISHALI SHUKLESHWAR	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P
39	MOKAL VIVEK BHIMRAJ	p	P	p	P	p	P	P	P	P	P	P	P	P	P	0	P	P	p	P	P	P	P	P	P	P	P	P	P	0	P
40	MORE KIRAN BALU	P	P	P	P	P	P	P	P	p	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	6
41	MORE RUTIK GULAB	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	p	P	P		p	P	P	1
12	MORE SHITAL DHANESHWAR	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F
3	MUJAMULE SAGAR KAILAS	p	p	P	P	p	p	P	P	P	P	p	p	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	1
	MUJMULE DHANANJAY KUNDLIK	p	p	P	P	P	P	P	P	P	P	P.	P	P	P	P	p	P	p	P		P	P	P	P	p	Y	-	V		
	MURTADAK APEKSHA ASHOK	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P				P	-
	NALE SIDDHARTH BABASAHEB	P	P	p	P	P	P	P	p	P	P	P	P	P	þ	P	p	P	P	P	P	P	P	P	P	P	, ,	0 0			
1	NALE SUYOG SHANKAR	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	p	P	P	P	F	P	1								-
	NALE SWAPNIL SUNIL	P	P	P	P	P	p	P	P	P	P	P	P	P	b	P	P	p	P	P			P	P	1	1	-	- 4	7		2
	NIKALE KSHITIJA SANDIP	P	P	P	P	P	P	P	P	p	D	p	P	P	P	-	P	P	p	P	-		-		-	1	1	0	P		P
	PAGARE REVNNATH APPASAHEB	P	P	P	P	P	p	p	P	P	P	P	P	P	P	P	b	P	P	P	1	P	1	P	1	-	P	P	1	2 0	2
	PATHADE JAYSHRI YADAV	A	P	P	P	p	P	P	P	P	P	p	P	P	F	1	P	1	P	D	-		-	-	PX		P	-	Pf		2
	PATIL MAHESHWARI SUNIL	P	P	P	P	P	P	p	P	P	p	b	D	P	P	1	7	P		P	1	7	1	A	1 8	0	0	P	PF		P

53	PAWAR ANIRUDDHA	-		4															2		p	0	p	P	a	p	P	P	D	p	p
	PRAKASH	P	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	T	1	1	V	1		4	4		-	F
4	PILGAR RANJEET SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	VAIDYA JAYASHRI BALASAHEB	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	VARADE KAVERI HAUSHIRAM	A	P	P	P	p	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F
7	SHINDE SAYLI BANDU	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P
8	RAHINJ SUVARNA BALASAHEB	P	P	P	P	p	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	f
9	RAKHPASARE PREM PARASHRAM	p	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F
)	WAGHMARE DIVYA BABU	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	þ	P	P	P	P	p	P	P	P	P	P	P	P	P	1

Sight.

PARTMENT OF ECONOMICS
It's, Science & Commerce College
Rabata Discr Abmedoance

I/C PRINCIPAL

Arts, Science & Commerce College

Rahata, Dist. Ahmednagar

Report on the introduction to Banking Certificate Course

Department of Economics

The Department of Economics of arts Science and Commerce College Introduced a Certificate course on introduction to Banking and its practices for first year students of F.Y.B.A .discipline courses in the Academic year 2021-2022.the course was designed with the purpose of introducing the newly admitted students of B.A courses .The department of Economics offered a 30 -hour certificate course for second semester F.Y.B.A students of Batch 2021-2022 from 25th April 2022 to 31st may 2022 .This course aims to give the basic knowledge about banking system .total 60 students of both classes registered for the programme.

An Examination was held on 3 june 2022 "Friday between 11 a.m to 12 p.m to assess the knowledge they acquired from the course .the question paper included objective questions from all banking system .All the students cleared the test.

All the students actively participated in the in the course and all the lectures were very useful and informative for them. The course helped them to understand the basic concepts of banking and new knowledge of modern banking services. total 60 students have been participated in course and successfully completed the course. This course is definitely useful to the students for their future purpose.

The Department of Economics is very thankful to SSRI Director Dr.Mahesh Kharde sir and Principal Pro Sanjay Lahare for providing and availability of learning recourses at various stages of course.

Dr. Jayshree Dighe

Course Coordinator

HEAD

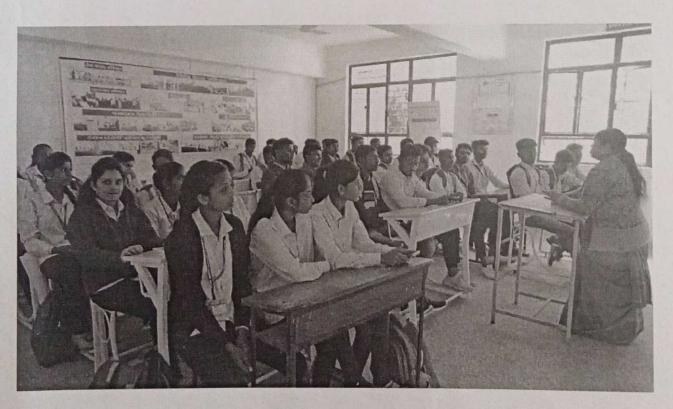
DEPARTMENT OF ECONOMICS Art's, Science & Commerce College Rahata, Dist Ahmednagar Prof.Sanjay Lahare

Principal

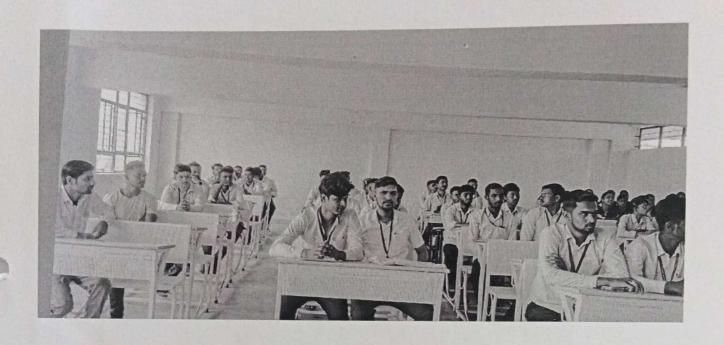
I/C PRINCIPAL

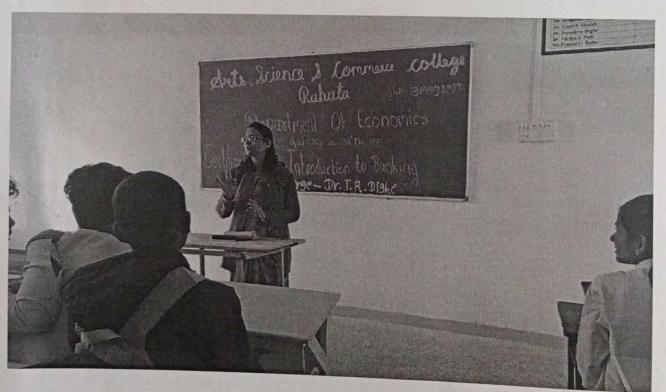
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar





Introduction to Banking Course





Introduction to Banking Course

Shirdi Sai Rural Institute's

Arts Science and Commerce, College Rahata.

Department of Economics

Certificate Course

Introduction to Banking

Test mark list

Sr.No	Name of the Students	Marks 50
1	AJABE NILESH ANANDA	36
2	ANAP AISHWARYA DATTATRAYA	40
3	ANAP KRUSHNA RAMESH	46
4	ATRE SARTHAK POPAT	34
5	BARE SAI BAPUSAHEB	34
6	BHAGWAT ABHINAV PANDIT	38
7	BHALERAO ANKITA VIJAY	26
8	BHALERAO SUNNY BALASAHEB	30
9	BHALERAV MADHURI VIJAY	28
10	BHUJBAL RUTUJA GANGARAM	30
11	CHAVHAN RAVIN SHIVARAM	30
12	CHOLKE GAURAV LAXMAN	34
13	CHOLKE MILIND SANJAY	36
14	DANGE PRASHANT BABASAHEB	36
15	DANGE VISHAL SHANTARAM	42
16	DHUMASE ARCHANA NANASAHEB	34
17	DUSHING PRANJALI SUNIL	34
18	GADEKAR AJINKYA ANNASAHEB	32
19	GAIKWAD KOMAL RANGNATH	28
20	GAIKWAD PRATIKSHA RAMESH	30
21	GANGURDE VIJAY SANJAY	40
22	GHODERAO PAVAN BHIMRAJ	30
23	JADHAV KARAN SANJAY	36
24	JADHAV PRIYANKA DATTATRAY	30
25	JADHAV SANKET BABASAHEB	36
26	JEJURKAR AKSHAY SANJAY	36
27	KADAM KARAN BHAUSAHEB	42
28	KALDATE RAVINDRA BABASAHEB	42
29	KANDALKAR MARUTI NANASAHEB	44
30	KAPASE RUPESH PRALHAD	30
31	KHARPAS ROHIT SITARAM	42
32	KHILLARI MAHESH MANJAHARI	34
33	KULKARNI PRASAD PRASHANTRAO	36
34	LANDGE SHIVANI SUBHASH	34
35	LONDHE AISHWARYA BABASAHEB	36
36	LONDHE PRAVIN ASHOK	
		36

37	MATSAGAR ESHA BALASAHEB	34
38	MOKAL VAISHALI SHUKLESHWAR	36
39	MOKAL VIVEK BHIMRAJ	42
40	MORE KIRAN BALU	26
41	MORE RUTIK GULAB	34
42	MORE SHITAL DHANESHWAR	36
43	MUJAMULE SAGAR KAILAS	36
44	MUJMULE DHANANJAY KUNDLIK	34
45	MURTADAK APEKSHA ASHOK	42
46	NALE SIDDHARTH BABASAHEB	40
47	NALE SUYOG SHANKAR	42
48	NALE SWAPNIL SUNIL	30
49	NIKALE KSHITIJA SANDIP	42
50	PAGARE REVNNATH APPASAHEB	40
51	PATHADE JAYSHRI YADAV	42
52	PATIL MAHESHWARI SUNIL	34
53	PAWAR ANIRUDDHA PRAKASH	36
54	PILGAR RANJEET SUBHASH	34
55	VAIDYA JAYASHRI BALASAHEB	34
56	VARADE KAVERI HAUSHIRAM	36
57	SHINDE SAYLI BANDU	36
58	RAHINJ SUVARNA BALASAHEB	38
59	RAKHPASARE PREM PARASHRAM	46
60	WAGHMARE DIVYA BABU	32

المراق

Art's, Science & Commerce College Rahata, Dist Ahmednagar.

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Subject- Certificate Course of Introduction to Banking Date -03/06/2022

Time-11.00am to 12.00pm	Mark -50
All Question are compulsory (√ the Corr	
1. The committee was set up to study	bank computerization under
A. Dr. C Rangarajan.	
B. Dr. C. Ragavendra	
C. Dr. C. Raja Rajan	
D. Dr. C. Ramachandran	
2. In which system computers are bas	sed on the centralized processing concept?
A. Multi-user computer networking	
B. Stand-alone computer networking	
C. Processing computer system	
D. Frame computer system	
3. Customer interface is maximum at	thelevel.
A. zonal.	
B. branch	
C. head office.	
D. state office.	
4. The head office of a bank is respon	sible for
A. only Bank-level planning	
B. only Bank-level planning, control f	unctions
C. bank-level planning, control functi	ons and policy decision
D. only services to the branches	-tutorization model
5. Core banking is a bran	cn computerization model.
A. decentralized	
B. centralized.	
C. unified	
D. ATM	India ia ta
6. The objective of computerization in	india is to
A. replace men with machines	
B. make the work-life more meaningfu	"
C. control the manpower	
D. control the economy	ming the functions.
7. ATMs are primarily used for perform	ning the functions.
A. infrastructure	

B. computer-based
C. banking
D. hospitalized
8. In the early 1990s, which type of ATMs makes their appearance in India?
A. Multi-user ATM.
B. Network ATM.
C. Branch ATM
D. Stand-alone ATMs
9. Expansion of ECS .
A. Electronic Clearing system
B. Electronic centered system.
C. Electronic cross systems
D. Electronic conversion systems.
10. EFT is introduced by
A. IRDA
B. RBI.
C. SEBI
D. NSE.
11. A cheque date before the date of its issue is
A. ante dated cheque.
B. full worth cheque
C. preemptive cheque.
D. worth cheque
12. A Cheque is always payable on
A. demand.
B. a specified future date
C. the last day of the grace.
D the will of the paying banker.
13. Name the person to whom the amount of the cheque is payable?
A. Drawer.
B. Payee.
C. Drawee.
D. Acceptor
14. The best suited deposit for trading community is
A. Saving's deposit
B. Current deposit.
C. Fixed deposit
D. RD.
15. Expansion of NEFT
A. National Electronic Fund Transfer.
B. Neutral Electronic Fund Transfer.
C. Nominal Electronic Fund Transfer.
D. Natural Electronic Fund Transfer.

16. KYC means
A. know your customer.
B. know your creditor.
C. know your cost.
D. know your card.
17. RTGS means
A. Real Time Gross Settlement.
B. Real Turn Gross Settlement.
C. Real Technique Gross Settlement
D. Real towards Gross Settlement
18. Banking regulation act was passed in the year
A. 1934.
B.1946.
C.1949.
D.1948.
19. The debit card offers
A. Revolving credit for certain period.
B. Payoff the entire amount of card usage.
C. on-line recover of amount of card usage.
D. only amount.
20. Electronic payment system is a
A. software.
B. Hardware.
Application.
Package.
21. E-cash means. A. to transfer money between different parties over a network.
B. to transfer cheque between different parties over a network.
C. to credit money between different parties over a network.
D. to credit cheque between different parties over a network.
22. During 1969, how many banks were nationalized?
A. 15
B. 14
C. 16
D. 17
23. What is India's most recent commercial bank?
Axis Bank
AU Small Finance Bank
HDFC Bank
IDFC First Bank
24. Which of the following is subsidiary function of a bank
A. Accepting deposit
B. Granting credit

ð

C. Safe custodial service
D.Banking services
25.who is RBI Governor 2023
A.Shaktikant Das
B. Urjit Patel
C.Raghuram Rajan
D.D.Subbarao

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Subject- Certificate Course of Introduction to Banking
Date -03/06/2022

	Mark -50
	Name of the Students Dushing Praniali Sunil
	All Question are compulsory (√the Correct Answer)
2	The committee was set up to study bank computering the
	A. Dr. C Rangarajan.
	B. Dr. C. Ragavendra
	C. Dr. C. Raja Rajan
-	D. Dr. C. Ramachandran
	2. In which system computers are based on the centralized processing concept?
2	A. Multi-user computer networking
	B. Stand-alone computer networking
	C. Processing computer system
	D. Frame computer system
	3 Customor interfered:
24	A. zonal.
	B. branch
	C. head office.
	D. state office.
	4. The head office of a bank is responsible for
	A. only Bank-level planning
	B, only Bank-level planning, control functions
20	C. bank-level planning, control functions and policy decision
-	D. Only services to the branches
	5. Core banking is a branch computerization model
21-	A. decentralized
	B. centralized.
	C. unified
	D. ATM
	6. The objective of computerization in India is to
200	A. replace men with machines
	B. make the work-life more meaningful
	C. control the manpower
	D. control the economy
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B. Network ATM.
C. Branch ATM
D. Stand-alone ATMs
9-Expansion of ECS
A Electronic Clearing system
B. Electronic centered system.
C. Electronic cross systems
D. Electronic conversion systems.
10. EFT is introduced by
A. IRDA
B. RBI.
C. SEBI
D. NSE.
11. A cheque date before the date of its issue is
A. ante dated cheque.
B. full worth cheque
C. preemptive cheque.
D. worth cheque
12. A Cheque is always payable on
A. demand.
B. a specified future date
C. the last day of the grace.
D. the will of the paying banker.
13. Name the person to whom the amount of the cheque is payable? A. Drawer.
B. Payee.
G. Drawee.
D. Acceptor
14. The best suited deposit for trading community is
A. Saving's deposit
B. Current deposit.
C. Fixed deposit
D. RD.
15. Expansion of NEFT
A. National Electronic Fund Transfer.
B. Neutral Electronic Fund Transfer.
C. Nominal Electronic Fund Transfer.
D. Natural Electronic Fund Transfer.

1	6. KYC means
/	A. know your customer.
-	B. know your creditor.
	C. know your cost.
	D. know your card.
	17. RTGS means
. ~	A. Real Time Gross Settlement.
_	B. Real Turn Gross Settlement.
	C. Real Technique Gross Settlement
	D. Real towards Gross Settlement
	18. Banking regulation act was passed in the year
	A. 1934.
	B.1946.
2	C.1949.
	D.1948.
-	19. The debit card offers
	A. Revolving credit for certain period.
	B. Payoff the entire amount of card usage.
	C. on-line recover of amount of card usage.
	D. only amount.
	20. Electronic payment system is a
	A. software.
	B. Hardware.
	Application.
	Package.
	21. E-cash means.
	A. to transfer money between different parties over a network.
	B. to transfer cheque between different parties over a network.
	C. to credit money between different parties over a network.
	D. to credit cheque between different parties over a network.
P	22. During 1969, how many banks were nationalized?
	A. 15
	B. 14
	C. 16
	D. 17
	23. What is India's most recent commercial bank?
	Axis Bank
	AU Small Finance Bank
	HDFC Bank IDFC First Bank
	24. Which of the following is subsidiary function of a bank
	A. Accepting deposit
	B. Granting credit
	b. Claiming Claim

C. Safe custodial service
D.Banking services
25.who is RBI Governor 2023
A.Shaktikant Das
B. Urjit Patel
C.Raghuram Rajan
D.D.Subbarao

34 Ay

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Subject- Certificate Course of Introduction to Banking Date -03/06/2022

Time-11.00am to 12.00pm
Name of the Students-Kherrpas Rohlt Siterran.
Name of the Students-
A V. O. At an annual comp. (a) the Connect Answer)
All Question are compulsory (√ the Correct Answer) 1. The committee was set up to study bank computerization under
A. Dr. C Rangarajan.
B. Dr. C. Ragavendra
C. Dr. C. Raja Rajan
D. Dr. C. Ramachandran
2. In which system computers are based on the centralized processing concept?
2 A Multi-user computer networking
B. Stand-alone computer networking
C. Processing computer system
D. Frame computer system
3. Customer interface is maximum at the level.
A. zonal.
B. branch
C. head office.
D. state office.
4. The head office of a bank is responsible for
A. only Bank-level planning
B. only Bank-level planning, control functions
C bank-level planning, control functions and policy decision
D. only services to the branches
5. Core banking is a branch computerization model.
A. decentralized
B. centralized.
C. unified
D. ATM
6. The objective of computerization in India is to
A. replace men with machines
B. make the work-life more meaningful
C. control the manpower
D. control the economy
7. ATMs are primarily used for performing the functions.
A. infrastructure

B. computer-based
C. banking
D. hospitalized
8. In the early 1990s, which type of ATMs makes their appearance in India?
A. Multi-user ATM.
B. Network ATM.
C. Branch ATM
D. Stand-alone ATMs
9. Expansion of ECS .
A Electronic Clearing system
B. Electronic centered system.
C. Electronic cross systems
D. Electronic conversion systems.
10. EFT is introduced by
A. IRDA
B. RBI.
D C. SEBI
D. NSE.
11. A cheque date before the date of its issue is
A ante dated cheque.
B. full worth cheque
C. preemptive cheque.
D. worth cheque
12. A Cheque is always payable on
A demand.
B. a specified future date
C. the last day of the grace.
D. the will of the paying banker.
13. Name the person to whom the amount of the cheque is payable?
A. Drawer.
B. Payee.
C. Drawee.
D. Acceptor
14. The best suited deposit for trading community is
A. Saving's deposit
B. Current deposit.
C. Fixed deposit
D. RD.
15. Expansion of NEFT
A National Electronic Fund Transfer. B. Neutral Electronic Fund Transfer.
C. Nominal Electronic Fund Transfer.
D. Natural Electronic Fund Transfer.
D. Natural Electronic Fund Hallster.

16. KYC means A. know your customer. B. know your creditor. C. know your cost. D. know your card. 17. RTGS means A. Real Time Gross Settlement. B. Real Turn Gross Settlement. C. Real Technique Gross Settlement D. Real towards Gross Settlement 18. Banking regulation act was passed in the year_ A. 1934. B.1946. C.1949. D.1948. 19. The debit card offers A. Revolving credit for certain period. B. Payoff the entire amount of card usage. Con-line recover of amount of card usage. D. only amount. 20. Electronic payment system is a-A. software. B. Hardware. Application. Package. 21. E-cash means. A. to transfer money between different parties over a network. B. to transfer cheque between different parties over a network. c. to credit money between different parties over a network. D. to credit cheque between different parties over a network. 1 22. During 1969, how many banks were nationalized? A. 15 ∠ C. 14 C. 16 D. 17 23. What is India's most recent commercial bank? Axis Bank Att Small Finance Bank **HDFC Bank IDFC First Bank** 24. Which of the following is subsidiary function of a bank A. Accepting deposit B. Granting credit

C. Safe custodial service
D.Banking services
25.who is RBI Governor 2023
A.Shaktikant Das
B. Urjit Patel
C.Raghuram Rajan
D.D.Subbarao

12 July 50

ARTS, SCIENCE & COMMERCE COLLEGE, RAHATA

Tal-Rahata, Dist-Ahmednagar-423 107

NAAC Re-accredited B++ Grade College

(3)

Certificate Course
on
Introduction to Banking
Organized by
Department of Economics

CERTIFICATE

Dr. Dighe J.R. HoD, Economics

Dr. Bhalekar V.P. Coordinator IQAC Prof. Lahare S.V.
I/C Principal



ARTS, SCIENCE & COMMERCE COLLEGE, RAHATA

Tal-Rahata, Dist-Ahmednagar-423 107

NAAC Re-accredited B++ Grade College



Certificate Course

Introduction to Banking Organized by

Department of Economics

CERTIFICATE

This is to certify that Mr/Miss Nikale KshifiJa Somolip has participated in the Certificate Course on "Introduction to Banking", organised by Department of Economics, Arts, Science and Commerce College, Rahata. held from 25th April 2022 to 31st May 2022 His / Her active Participation in this Course is deeply appreciated.

Dr. Dighe J.R. HoD, Economics

Prof. Lahare S.V. Coordinator IQAC I/C Principal

ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Tal -Rahata, Dist. -Ahmednagar

Department of Economics

Introduction to Banking Certificate Course

Feedback From

Academic Year 2021-2022

25 April 2022 to 31 May 2022

Name of the students - Dishing Pranjali Sunil

Please rate your Course based on the Following Criterion:

Sr. No	Feedback	Strongly Agree	Agree	Unsure	Disagree
1	Objectives of the Course was clear				
2	The level of Course was Good				
3	The course exposed you to new Knowledge and Practices				
4	I Learned Skills /concepts that I will be able to apply when working				
5	The teaching aids were effectively used				
6	The Instructors encouraged interaction and helpful				
7	Will you recommend this course to your colleagues		-		

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ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Tal –Rahata, Dist. –Ahmednagar

Department of Economics

Introduction to Banking Certificate Course

Feedback From

Academic Year 2021-2022 25 April 2022 to 31 May 2022

Name of the students - Cholke Milind Sanjay

Please rate your Course based on the Following Criterion:

Sr. No	Feedback	Strongly Agree	Agree	Unsure	Disagree
1	Objectives of the Course was clear				
2	The level of Course was Good				
3	The course exposed you to new Knowledge and Practices				
4	I Learned Skills /concepts that I will be able to apply when working	-			
5	The teaching aids were effectively used	-			
6	The Instructors encouraged interaction and helpful				
7	Will you recommend this course to your colleagues				

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ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Department of Economics

Introduction to Banking Certificate Course

Feedback Analysis

Academic Year 2021-2022

25 April 2022 to 31 May 2022

Sr.No	Feedback	Strongly Agree	Agree	Unsure	Disagree	Total
1	Objectives of the	57	3	0	0	60
	Course was clear	95%	5%	0	0	100.00%
2	The level of	47	10	3	0	60
	Course was Good	78.33%	16.66%	5%	0	100.00%
3	The course exposed you to	55	2	3	0	60
	new Knowledge and Practices	91.66	3.33 %	5%	0	100.00%
4	I Learned Skills /concepts that I	58	2	0	0	60
	will be able to apply when working	96.66 %	3.33%	0	0	100.00%
5	The teaching aids	55	2	3	0	60
	were effectively used	91.66%	3.33 %	5%	0	100.00%
6	The Instructors encouraged	48	5	5	2	60
	interaction and helpful	80%	8.33%	8.33%	3.33%	100.00%
7	Will you recommend this	49	10	1	0	60
	course to your colleagues	81.66	16.66%	1.66	0	100.00%

Dr. Dighe J.R

HEAD

DEPARTMENT OF ECONOMICS Art's, Science & Commerce College Rahata, Dia. *hmednagar Prof Vahare S.V

Principal
1/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCE COLLEGE RAHATA.

Tal –Rahata, Dist. –Ahmednagar

Department of Economics

Introduction to Banking Certificate Course

Feedback From

Academic Year 2021-2022

25 April 2022 to 31 May 2022

Name of the students	
Please rate your Course based on the Following Criterion:	

Sr. No	Feedback	Strongly Agree	Agree	Unsure	Disagree
1	Objectives of the Course was clear				
2	The level of Course was Good				
3	The course exposed you to new Knowledge and Practices				
4	I Learned Skills /concepts that I will be able to apply when working				
5	The teaching aids were effectively used				
6	The Instructors encouraged interaction and helpful				
7	Will you recommend this course to your colleagues				

DEPARTMENT OF GEOGRAPHY

Date: 25/04/2022

To
The Principal,
Arts, Science and Commerce College,
Rahata.

Sub.:-Regarding the permission to conduct Certificate Course in GIS.

Respected Sir,

We would like to conduct certificate Course in Geography - GIS (Geographical Information System) in Geography for the students of FY, SY and TYBA for 30 hours in the month of May 2022. (2 to 31 May 2022). The course is important for the students give them knowledge about various software and its managements.

You are requested to grant permission for the same.

Allowed Wash

Thank you,

Yours Sincerely,

(Dr. D. M. Nalage)
Department of Geography
Arts, Science & Commerce College
Rahata-423107, Dist. Ahmednagar

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE , RAHATA

Department Of Geography

Date: 20 April 2022

Notice

All the Student of FY, SY and TYBA Student informed that certificate course on "GIS (Geographical Information System) in Geography will be conducted by the Department of Geography on 2 to 31 May 2022. All students are requested to attend the course. Interested students can contacts to the department of Geography before 30th April, 2022.

Dr. D. M. Nalage

Department of Geography

Arts, Science & Commerce College

Rahata-423107, Dist, Ahmednagar

Art's, Science & Commerce College Rahata, Dist Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



Tal- Rahata, Dist-Ahmednagar (423107)
(University of Pune Affiliated ID No. PU/AN/ASC/052/1997)
Phone- (02423) 295488
Email: rahatacollege@rediffmail.com
Website: http://ascrahata.org



Date: 22/04/2022

NAAC ACCRIDITED "B++" GRADE COLLEGE

Reciepient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Reciepient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/Geography/2021-22/

To,

Mr. Vijay Sonawane,

Asst. Prof., Dept. of Geography

Saibaba College, Shirdi

Tal:Rahata, Dist: Ahmednagar

Subject: - Regarding an invitation as a subject expert for syllabus framing workshop.

Dear Sir,

We are pleased to inform that you are cordially invited to the syllabus framing workshop of course on "GIS (Geographical Information System)in Geography" as a Subject Expert. The workshop is scheduled on 25/04/2022, Monday at 1.00 to 2.00 pm. in the college.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop. We look forward to your presence.

Thanking you,

Yours Sincerely,

Dr. D. M. Nalage

Department of Geography Arts, Science & Commerce College Rehata-423107, Dist. Ahmednagar

Art's, Science & Commerce College Rahata, Dist Ahmednagar.

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ASCCR/Geography/2021-22/

Dr. B. K. Wani, Asst. Prof., Dept. Of Geography PVP College, Loni Tal: Rahata.

Subject: - Regarding an invitation as a subject expert for syllabus framing workshop.

Dear Sir.

We are pleased to inform that you are cordially invited to the syllabus framing workshop of Add-on course on "GIS (Geographical Information System)in Geography" as a Subject expert. The workshop is scheduled on 25/04/2022,, Monday at 1.00 to 2.00 pm. in the college.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop. We look forward to your presence.

Thanking you,

Yours Sincerely,

Dr. D. M. Nalage

Department of Geography Arts, Science & Commerce College Rahata-423187, Dist, Ahmednagar PHOTPSTINCLEATURE
Art's, Science & Commerce College
Rahata, Dist Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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Email: rahatacollege@rediffmail.com Website: http://ascrahata.org



Date: 22/04/2022

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Reciepient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/Geography/2021-22/

To,

Dr. Gangadhar Lawande,

Head, Dept. of Geography Dada Patil Rajale Collge, Adinathnagar,

Tal: Pathardi, Dist: Ahmednagar

Subject: - Regarding an invitation as a subject expert for syllabus framing workshop.

Dear Sir,

We are pleased to inform that you are cordially invited to the syllabus framing workshop of course on "GIS (Geographical Information System) in Geography" as a Subject Expert. The workshop is scheduled on 25/04/2022, Monday at 1.00 to 2.00 pm. in the college.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop. We look forward to your presence.

Thanking you,

Yours Sincerely,

Dr. D. M. Nalage

Department of Geography
Arts, Science & Commerce College
Rahata-423107, Dist. Ahmednagar

Art's, Science & Commerce College Rahata, Dist Ahmednagar.

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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7)

Date: 22/04/2022

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Reciepient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/Geography/2021-22/

To,

Dr. S. N. Shingote, Head, Dept. Of Geography ASC College, Kolhar

Subject: - Regarding an invitation as a subject expert for syllabus framing workshop.

Dear Sir,

We are pleased to inform that you are cordially invited to the syllabus framing workshop of certificate course on "GIS (Geographical Information System)in Geography" as a Subject expert. The workshop is scheduled on 25/04/2022, Monday at 1.00 to 2.00 pm. in the college.

We sincerely hope that you will be able to confirm your presence for this syllabus framing workshop. We look forward to your presence.

Thanking you,

Yours Sincerely,

Dr. D. M. Nalage

Department of Geography
Arts, Science & Commerce Cellege
Rahata-423107, Dist. Ahmednagar

Art's, Science & Commerce College
Rahata, Dist Ahmednagar

ARTS, SCIENCE AND COMMERCECOLLEGE, RAHATA



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Date: 20/04/2022

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Reciepient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/IQAC/2021-22/

To,

Dr. D. M. Nalage,
Head, Dept. of Geography
Arts, Science and Commerce College, Rahata

Subject: - Regarding an syllabus framing workshop.

Respected Sir,

With reference to above mention subject I am pleased to inform you that you are cordially invited as a Resource person to the certificate course on "GIS (Geographical Information System) syllabus framing workshop. This event will be organized at Department of Geography Arts, Science and Commerce College, Rahata and will be held on 25/04/2022, at 1.00 pm.

Please confirm your availability on or before 22/04/2022 by contacting gives by Emailing us at rahatacollage@rediffmail.com.

Thanking You

Yours Faithfully,

Prof. S. V. Lahare

Art's, Science & Commerce College Rahata, Dist Ahmednagar.

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department Of Geography: Certificate Course on "GIS (Geographical Information System)" COURSE SYLLABUS FRAMING WORKSHOP

The Committee undersigned met on 25/04/2022, at the Department of Geography of Arts, Science and Commerce college, Rahata to discuss and finalize the syllabus for course in GIS, which would be conducted by the Department of Geography during the academic year 2021-22

The committee finalized the syllabus unanimously and suggested ways to evaluation following members are Present :

Sr. No.	Name of the Teacher	Designation
1	Dr. S. N. Shingote	Head, Dept. Of Geography ASC College, Kolhar, External Subject Expert
2	Dr. Gangadhar Lawande	Head, Dept. o Geography, Dada Patil Rajale Collge, Adinathnagar, Tal: Pathardi: External Subject Expert
3	Dr. B. K. Wani	Asst. Prof., Dept. of Geography, PVP College, Loni Tal: Rahata External Subject Expert
4	Dr. D. M. Nalage	Dept. of Geography ,ASC College, RahataInternal Subject Expert
5	Prof. C. M. Bansode	Dept. of Geography ,ASC College, RahataInternal Subject Expert

Dr. S. N. Shingote

Dr. B. K. Wani,

Prof. C.M. Bansode

Dr. Gangadhar Lawande

Dr. D. M. Nalage

Department of Geography Arts, Science & Commerce Cellege Raheta-423107, Dist, Ahmednagar

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Reciepient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

Reciepient of "Best Rural College Award" from University of Pune (2012-13)

ASCCR/Geography/2021-22/

To,

Mr. Vijay Sonawane,

Asst. Prof., Dept. of Geography Saibaba College, Shirdi Tal:Rahata, Dist: Ahmednagar

Subject: - Regarding an invitation as a subject expert for certificate course on GIS Dear Sir,

We are pleased to inform that you are cordially invited as a expert to the certificate course on "GIS (Geographical Information System) organized by Dept. of Geography" for the students on 2 to 31 May 2022.

We sincerely hope that you will be able to confirm your presence for this certificate course. We look your positive response.

Thanking you,

Yours Sincerely,

Dr. D. M. Nalage

Department of Geography Arts, Science & Commerce Cellege Rahate-423107, Dist, Ahmednagar Art's, Science & Commerce College Rahata, Dist. Ahmednagar.

Arts, Science and Commerce College Rahata.

Certificate Course of GIS - Syllabus

1. Name of Faculty : Arts

2. Name of B.O.S : Geography

3. Name of Subject : Geography

4. Name of Course Title : Certificate Course of GIS

5. Year & Semester : 2022

6. Type of Course : Elective

7. Duration of Course : One Month

Course Outcomes:

On successfully completion of this course, the students will able to-

CO1) define, describeand classify the basic concepts in GIS and RS. [PO1 and 2]

CO2) apply the GIS and RS Technique in various geographical study. [PO3]

CO3) determine and evaluate various sources of the data.[PO5]

CO4) Create communicate and long-life learning of Geospatial techniques with project work. [PO6]

Unit No.	Unit Title	No. of Clock Hours	Teaching Methodology
	I. Introduction to GIS		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	1. Definition of GIS		
1	2. Components GIS	08	BB and LCD
	3. Definition of RS	00	BB and LCB
	4. Components RS		
	II. Software based PracticalPart I 1. Collection of GIS Data from various		
	Sources		
	2. Geo-referencing of Toposheet/Map		BB and LCD
2	3. Digitization of Point, Line & Polygon (at	12	
	least one layer of each)		
	4. Attribute (Non-Spatial) Data		
	Attachment		
	III. Software based PracticalPart I 1. Collection of RS Data from various		
	Sources		
3	2. Stack layer of Satellite Images	10	LCD and Computer
	3. Creation of Layout and Map		Idu

References:

Sr. No	Title of Books	Name of Author/s	Publisher	Year	Place
1	Principles of Geographical Information Systems	Burrough, P. A. and McDonnell,	R. A.Oxford University Press	2000	New York.
2	Introduction to Geographic Information Systems	Chang, K. T.	Avenue of the Americas, McGraw-Hill,	2008	New York.
3	Bhaugolik Mahiti Pranali (GIS)	Karlekar, S.	Diamond Publications,	2007	Pune
4	Geoinformatics	D. Suryavanshi, S. Ahire and A. Kate- Suryavanshi	Prashant Publication	2019	Jalgaon.

· Web References:

- 1. https://qgis.org/en/site/forusers/download.html
- 2. https://www.gislounge.com/open-source-gis-applications/amp/
- 3. https://earthexplorer.usgs.gov/
- 4. https://bhuvan.nrsc.gov.in/home/index.php
- 5. https://www.diva-gis.org/

Suggested assessment tools for courses :-

The teacher concerned shall announce the units for which each internal assessment will take place.

A teacher may choose from the variety of procedures for examination.

- i. Lecture/Library notes
- ii. Seminar presentation
- iii. Home Assignments
- iv. MCQ Test

Date: / /2022

Place: Rahata

Signature of HoD
Department of Geography
Arts, Science & Commerce Cellege
Rahata-423107, Dist. Ahmednagar

Shirdi Sai Rural Institutes, Shirdi Sai Rural Institutes,

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department of Geography

Certificate Course in Geography GIS (Geographical Information System)

- 1. No. of participated Students: 45
- 2. Duration of the Course: 1 Month (2 to 31 May 2022)
- 3. Objectives of the course:
 - 1. To acquaint the basic concept of Geography and GIS.
 - 2 To help the students to understand the job opportunities.
 - 3. To aware the students with the utility and application of various software.

Department of Geography Arts, Science & Commerce Cellege Rahata-423107, Dist. Ahmednagar

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department Of Geography

"GIS (Geographical Information System)" Time Table 2021-22

2 to 31 May 2022.

Sr.No	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1.00 to 2.00 pm	1.00 to 2.00 pm	1.00 to 2.00 pm	1.00 to 2.00 pm	1.00 to 2.00 pm	1.00 to 2.00 pm
Name of the Teacher	Dr. D. M. Nalage	Dr. D. M. Nalage	Dr. D. M. Nalage	Prof. C. M. Bansode	Prof. C. M. Bansode	Prof. C. M. Bansode
	1		2 To 3	pm.		
	Mr. Vijay Sonawane (Visiting faculty)	Mr. Vijay Sonawane (Visiting faculty)	Mr. Vijay Sonawane (Visiting faculty)			

Place: - Dept. of Geography

Prof C. M. Bansode

Dr. D. M. Nalage

Department of Geography

Aris, Science & Commerce Cellege Reheta-423107, Dist. Ahmednagar I/CPPRINICIPAL
Art's, Science & Commerce College

Rahata, Dist Ahmednagar.

Shirdi Sai Rural Institutes, Shirdi Sai Rural Institutes, ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department of Geography

Certificate Course in Geography GIS (Geographical Information System)

List of the Participants Students

Sr. No.	Name of the Students	Mobile No.	Class	
1.	Bansode Pritam Jagannath	8483098451	TYBA	Bansod P.S
2.	Bansode Samadhan Dnyaneshwar	7448120661	TYBA	Barrale
3.	Bansode Swati Arjun	9359616336	TYBA	(she
4.	Bansode Vaibhav Balasaheb	9881998381	TYBA	s A. Bours
5.	Chitte Mahesh Sanjay	8459826945	TYBA	1001-0
6.	Ghodeshwar Bhagyashri Baban	9922543534	TYBA	10
7.	Jejurkar Pratiksha Shasikant	8605053973	TYBA	TRS.
8.	Kurhade Chandrakant Vasant	8669410058	TYBA	Korhade El
9.	Londhe Gaurav Sahebrao	8830868650	TYBA	(ou)-
10	Londhe Komal Sanjay	9604356850	TYBA	LX Isery
11	Masal Ganesh Bhaurao	7721924847	TYBA	mit -
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13	Pawar Priti Vilas	8766609894	TYBA	Pare Deep Py
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15	. Thakur Mahima Sunil	8007118761	TYBA	sappel,
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17	. Kadam Prasad Jagannath	9850020106	TYBA	100
18	Londhe Rahul Dattatray	9673119008	TYBA	INP)
19	VarhadeVishal Laxman	7448172529	TYBA	Lourat.
20	Petare Vijay Balasaheb	7744885812	TYBA	Landi. Nameler of

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21.	Sabale Sandipa Pandurang	8265065559	TYBA	Cally V
22.	Wable Dhiraj Balaram	7745822383	TYBA	00
23.	Bhagvat Bapu Aarangale	7350655820	TYBA	Bhagaul
24	Shelke Ashok Chandrabhan	8329255603	SYBA	SAC.
25	Shakh Urmila Prafull	8605537600	SYBA	Shall I
26	Bansode Sai Sharad	9518397549	SYBA	Phrogode
27	Bansode Manish Balasaheb	7558727376	SYBA	my
28	Chintamani Abheshek Vilas	9307277425	SYBA	dundro
29	Gaikwad Yash Sunil	8485884831	SYBA	Vash
30	Varade Santosh Ashok	9405020211	SYBA	Varla-
31	Pawar Rahul Gajanan	8055301319	SYBA	RDQ Pa.
32	Jadhav Josef Yakub	9665099800	SYBA	Tare?
33	Mokal Vaishali Sudhakar	9637424171	FYBA	Moleate
34	Tribhuwan Om Suryakant	7517578830	FYBA	our
35	Waghmere Abhishek Dilip	8080822247	FYBA '	Of Blum.
36	Tribhuwan Umesh Kailas	8805194151	FYBA	Billian
37	Bansode Tushar Baban	9325781868	FYBA	Poustide
38	Nale Suyog Shankar	7972804135	FYBA	1
39	Nale Swapnmil Sunil	7972804135	FYBA	XIW-
40	Nale Sidharth Babasaheb	7030223294	FYBA	ale
41	Ajabe Nilesh Ananada	8766544142	FYBA	Agabe Mile
42	Landage Shivani Subhash	8010610871	FYBA	Louge & S
43	Londhe Aishvarya Babasaheb	9960424094	FYBA	Jordhe &
44	Matsagar Isha Balasaheb	9767277917	FYBA	molecura
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Department of Geography
Arts, Science & Commerce Cellege
Rahele-423107, DistAhmednager

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA Department Of Geography organized

Certificate course "GIS (Geographical Information System) Internal Exam Marks Date - 2 To 31 May 2022 No 4 Students Name 5 10 11 12 | 13 | 14 17 18 19 20 21 23 24 25 26 27 28 30 31 Bansode Pritam Jagannath P P P P P PP P P P 9 8 PA P P PP P Bansode Samadhan AP 8 P P P Dnyaneshwar P P P P P P Bansode Swati Arjun P P P P P P P P 4 Bansode Vaibhav Balasaheb P PP P P P P 6 P P Chitte Mahesh Sanjay 5 P P 8 . P 8 8 P PP P P P P . P P Ghodeshwar Bhagyashri P 1 8 P P P Baban 8 8 P 1 P Jejurkar Pratiksha Shasikant P PP P PP P PT P P P P P P P P 8 Kurhade Chandrakant P P 8 P P P P Vasant P P P 9 Londhe Gaurav Sahebrao P P P P * P P P P P P P P P P P Londhe Komal Sanjay PP P P P P P P P P P P P P P P P P Masal Ganesh Bhaurao P P P P PP P P P P P P 12 Nikam Prasad Balu P P P P 8 P P P P P * 1 P P 1 P Pawar Priti Vilas P P P 8 P P P P

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15	Thakur Mahima Sunil	8	P	P	P	P	P	P	P	P		9	P	P	P	P	P		P	P	P	P	P	r	P
16	Thombare Prasad Shankar	P			P	P	8	8	P	8	P	9	P	P	P	P	P	P	P	P	P		=	P	P
17	Kadam Prasad Jagannath	P	9	P	P	P	8	P		8		8	P	P	P	P			P	P	P	1	P		P
18	Londhe Rahul Dattatray	P	8	P	P	P	P	P	P	8	P	P	8	P	P	P	P	P	P	8	P	P	P	P	P
19	VarhadeVishal Laxman	8	8	P	8	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	P	P	P	P
20	Petare Vijay Balasaheb	P			P	P	-	P	-	P	P	1	P	P	P	P	P		P	P	P		P		P
21	Sabale Sandipa Pandurang	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	P	P	P	P	P	P	P
22	Wable Dhiraj Balaram	9	P			P	P		P	P	P	P	,	P	P	P	P	P		P	P	P	8	,	P
23	Bhagvat Bapu Aarangale	P	P	P	P	P		P	e	P		P	P	P	P	P	P	P	P	P	P			P	P
24	Shelke Ashok Chandrabhan	8	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	P	P	P	P	P
25	Shakh Urmila Prafull	8	8	P	P	8	1	P		P	P	P	P	P	8	P	P	P	P	P	P	P	P	8	P
26	Bansode Sai Sharad	P	8	P	P		P		P	P	P	P				P	P	P	8	P	P	P		,	F
27	Bansode Manish Balasaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	f
28	Chintamani Abheshek Vilas	P	P	P	P	P	r	P		P	P	,	1	P	P	P	P		P		P		P	P	P
29	Gaikwad Yash Sunil	P	P	P	P	P	1	P	P	P	P	P	P		P	P	P	•	P	P	9	P	P	P	P
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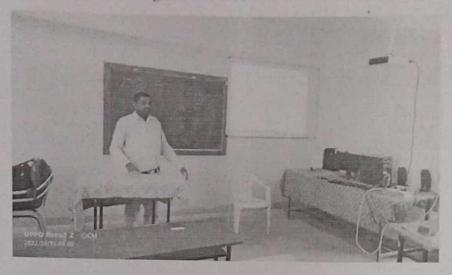
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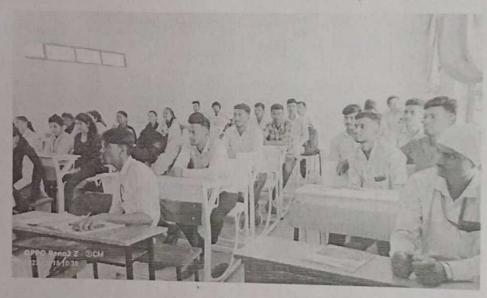
Department of Geography Rahata-423107.Dist.Ahmednagar Arts, Science & Commerce Cellege

Cros C.M. Berusode)

Prof. Vijay Sonwane guided on GIS



Participants of the course



Department of Geography
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Rahata, Dist Ahmednagar.

Shirdi Sai Rural Institute's ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA Department Of Geography organized

Certificate course "GIS (Geographical Information System)
Internal Exam Marks 2 To 31 May 2022

No.	Internal Exam Marks 2 To 31 May 2022 Out of 10 Out of 10 Out of 50											
140.	Students Name	Out of 10	Out of 10									
1	Bansode Pritam Jagannath	08	08	40								
2	Bansode Samadhan Dnyaneshwar	09	08	42								
3	Bansode Swati Arjun	09	09	34								
4	Bansode Vaibhav Balasaheb	07	09	39								
5	Chitte Mahesh Sanjay	07	07	43								
6	Ghodeshwar Bhagyashri Baban	08	07	35								
7	Jejurkar Pratiksha Shasikant	08	08	36								
8	Kurhade Chandrakant Vasant	09	08	38								
9	Londhe Gaurav Sahebrao	07 ·	09	44								
10	Londhe Komal Sanjay	08	07	45								
11	Masal Ganesh Bhaurao	09	08	39								
12	Nikam Prasad Balu	06	09	41								
13	Pawar Priti Vilas	06	06	42								
14	Sapike Anita Bhausaheb	08	08	40								
15	Thakur Mahima Sunil	09	09	43								
16	Thombare Prasad Shankar	09	09	40								
17	Kadam Prasad Jagannath	07	07	41								
18	Londhe Rahul Dattatray	08 .	07	35								
19	VarhadeVishal Laxman	09	08	38								
20	Petare Vijay Balasaheb	09	08	42								
21	Sabale Sandipa Pandurang	07	09	41								
22	Wable Dhiraj Balaram	07	07	39								
23	Bhagvat Bapu Aarangale	08	08	38								

24	Shelke Ashok Chandrabhan	08	09	38
25	Shakh Urmila Prafull	09	09	39
26	Bansode Sai Sharad	09	07	39
27	Bansode Manish Balasaheb	07	08	39
28	Chintamani Abheshek Vilas	07	09	43
29	Gaikwad Yash Sunil	08	09	35
30	Varade Santosh Ashok	08	07	36
31	Pawar Rahul Gajanan	09	07	38
32	Jadhav Josef Yakub	07	08	44
33	Mokal Vaishali Sudhakar	08	08	45
34	Tribhuwan Om Suryakant	09	09	39
35	Waghmere Abhishek Dilip	06	07	41
36	Tribhuwan Umesh Kailas	06	08	42
37	Bansode Tushar Baban	08	09	35
38	Nale Suyog Shankar	09	09	40
39	Nale Swapnmil Sunil	09	07	42
40	Nale Sidharth Babasaheb	08	07	34
41	Ajabe Nilesh Ananada	09	08	39
42	Landage Shivani Subhash	09	08	43
43	Londhe Aishvarya Babasaheb	07	09	35
44	Matsagar Isha Balasaheb	07	09	36
45	More Rutvik Gulab	08	07	38

Dr. D. M. Nalage
Department of Geography

Arts, Science & Commerce Cellege Rahata-423107, Dist. Ahmednagar.

Prof. S. V. Lahare
I/C PRINCIPAL Art's, Science & Commerce College Rahata, Dist Ahmednagar.

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department Of Geography organized certificate course on "GIS (Geographical Information System)"

2 to 31 May 2022

Course Name	"G.I.S. (Geographical Information System)							
Course Date	2 to 31 May 2022							
Name of the Student	Shelake Ashok chandrabhan							

Please rate your Course based on the following criterion:

Sr. No	Feedback	Strongly agree	Agree	Unsure	Disagree
1.	Objectives of the course was clear				
2.	The level of the course was good				
3.	The course exposed you to new knowledge and practices		~		
4.	I learned skills/concepts that I will be able to apply when working	V			
5.	The teaching aids were effectively used .	~			
6.	The instructors encouraged interaction and were helpful	V			

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department Of Geography organized certificate course on

"GIS (Geographical Information System)"

2 to 31 May 2022

Course Name	"G.I.S. (Geogra	aphical Information	on System)	
Course Date	2 to 31 May 2	.022		
Name of the Student	Bansode	Vaibhav	Balasaheb	

Please rate your Course based on the following criterion:

Sr. No	Feedback	Strongly agree	Agree	Unsure	Disagree
1.	Objectives of the course was clear	~			
2.	The level of the course was good		~		
3.	The course exposed you to new knowledge and practices	~			
4.	I learned skills/concepts that I will be able to apply when working	~			
5.	The teaching aids were effectively used		~		
6.	The instructors encouraged interaction and were helpful	~	THE STATE OF THE S		

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department Of Geography organized certificate course on "GIS (Geographical Information System)"

2 to 31 May 2022

Course Name	"G.I.S. (Geographical Information System)
Course Date	2 to 31 May 2022
Name of the Student	Bansade Priteem Jagennath

Please rate your Course based on the following criterion:

Sr. No	Feedback	Strongly agree	Agree	Unsure	Disagree
1.	Objectives of the course was clear	~			
2.	The level of the course was good				
3.	The course exposed you to new knowledge and practices	~			
4.	I learned skills/concepts that I will be able to apply when working	~			
5.	The teaching aids were effectively used				
6.	The instructors encouraged interaction and were helpful	~			

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Department Of Geography organized certificate course on "GIS (Geographical Information System)"

2 to 31 May 2022

Course Name	"G.I.S. (Geogra	"G.I.S. (Geographical Information System)							
Course Date	2 to 31 May 2	022							
Name of the Student	Bensode	swati	Argun						

Please rate your Course based on the following criterion:

Sr. No	Feedback	Strongly agree	Agree	Unsure	Disagree
1.	Objectives of the course was clear	~			
2.	The level of the course was good	V			
3.	The course exposed you to new knowledge and practices	V			
4.	I learned skills/concepts that I will be able to apply when working	V			
5.	The teaching aids were effectively used .	V			
6.	The instructors encouraged interaction and were helpful		~		

ARTS, SCIENCE AND COMMERCE COLEGE, RAHATA DEPARTMENT OF GEOGRAPHY

Organize certificate course on

"GIS (Geographical Information System)" Date 2 to 31 May 2022

1	17 17	T	n	D	A	CK	AN	AT	VS	IS
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No.	Feedback Analysis Opinion										
	Question	Strongly Agree	Agree	Unsure	Disagree	Total					
1	Objectives of the course was	40	05	-	- 4	45					
	Objectives of the course was clear	88.88	12.20	-	-	45					
2	The level of the course was good	42	03			45					
	The level of the course was good	93.33	6.77	1-		100					
3	The	42	03			45					
	The course exposed you to new knowledge and practices	93.33	6.77	-	-	100					
4		40	05			45					
	I learned skills/concepts that I will be able to apply when working	88.88	12.20	-	-ss	100					
5	The teaching aids were	40	05			45					
	The teaching aids were effectively used	88.88	12.20			100					
6	The instructors encouraged	41	04			45					
	interaction and were helpful	91.11	8.88		-	100					
7	Average Total	42	03			45					
8	Average Percentage	91.64	7.50			100					

Highlight of Feedback Analysis:

- 1. 91.64 % participant strongly agree with all question.
- 2. 7.50 % participant was agree with all question.

Prof. C. M. Bansode Coordinator Dr. D. M. Nalage
Department of Geography
Aris, Science & Commerce College
Rahata-423107, Dist. Ahmednagar

Prof. S. V. Lahare
I/C PRINCIPAL
Art's, Science & Commerce College
Rahata, Dist Ahmednagar.







ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Tal- Rahata, Dist-Ahmednagar (423107)

"NAAC ACCREDITED "B++ " GRADE COLLEGE"

Recipient of "Best Rural College Award" from University of Pune (2012-13)

Recipient of "Best Rural College Award" from Student Welfare Board, University of Pune (2011-12)

" GIS (GEOGRAPHICAL INFORMATION SYSTEM"

CERTIFICATE

participated in the certificate course on "G.I.S. (GEOGRAPHICAL INFORMATION SYSTEM)" Organized by the

Department of Geography of Arts, Science and Commerce College, Rahata held on 2nd To 31st May 2022. His / hers active

participation during training programme is deeply appreciated.

Prot. C/M. Bansode Coordinator

Dr. D. M. Nalage Head of Department Prof. S. V. Lahare