




Kokan Education Society's
Anandibai Pradhan Science College
Nagothane, Dist. Raigad.

**STUDENTS ENROLLED IN CERTIFICATE COURSES DURING THE
ACADEMIC YEAR 2020-21**

Sr. No.	Name of the Certificate Course	Department	Number of students Enrolled
1	A Certificate Course in water analysis	Chemistry	30
2	Hand Sanitizer making	Chemistry	22
3	Perfume Making	Chemistry	22


IQAC Co-ordinator
K.E.S.A.P. Science College
Nagothane, Dist. Raigad (M.S.)




PRINCIPAL
K.E.S. A. P. Science College
Nagothane, Dist. Raigad (M.S.)



Konkan Education Society's
'Bapusaheb Deshpande Educational Complex'
ANANDIBAI PRADHAN SCIENCE COLLEGE,

Nagothane, Tal.Roha, Dist. Raigad, Pin. 402 106

Phone : (02194) 222582

President : Sanjay Datta Patil
Principal: Dr. Sandesh S. Gurav

Tel.Fax : 02194 – 223699
E-mail : principalapsc@yahoo.co.in
Website : <http://www.apcnagothane.edu.in>

Permanently affiliated to the University of Mumbai & Recognized by the Government of Maharashtra
Included Under Section 2(f) & 12(B) of the U.G.C. Reaccredited by NAAC with 'B+' Grade

BROCHURE FOR INSTITUTIONAL COURSES

2020-21



Principal

Dr. Sandesh S. Gurav

ANANDIBAI PRADHAN SCIENCE COLLEGE

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ANANDIBAI PRADHAN SCIENCE COLLEGE

Bapusaheb Deshpande Educational Complex
Nagothane, Tal. Roha Dist. Raigad. 402106

Department of Chemistry

2020-21

A Manual For

A Certificate Course in Water Analysis

By

Dr. V. R. Jadhavar
Coordinator,
A certificate Course in Water analysis
Assist. Prof. in Chemistry
KES Anandibai Pradhan Science College,
Nagothane Tal. Roha Dist. Raigad

Dr. Dinesh V. Bhagat
Professor and Head,
Department of Chemistry
KES Anandibai Pradhan Science College,
Nagothane Tal. Roha Dist. Raigad


K. E. S.
ANANDIBAI PRADHAN SCIENCE COLLEGE
Nagothane, Tal. Roha, Dist. Raigad, Pin.402106

Department of Chemistry

A certificate course in Water Analysis

1. Syllabus of the Course:-Attached
2. List of Participants:-List is attached
3. Total Number of Batches:- 01 (30 Students)
4. Total Number of Beneficiaries:-1000 People from Nagothane, Warvathane and Nidi Grampanchayat area are benefited through this Course as a Consultancy Service under the Department of chemistry.
5. Revenue/Outcome: - We are providing this facility as a social service to the Society in free of cost.




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Department of Chemistry

A certificate course in Water Analysis

Syllabus of the Course

Theoretical Aspects: -

15L

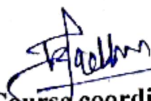
1. Introduction
2. Collection and Preservation of samples, General Requirements, General information, Specific information
3. Description of sampling points, Safety Considerations
4. Collection and Types of Samples- Grab samples, Composite samples, Integrated (discharge-weighted) samples
5. Water Quality Assessment, Water Analysis Key Factors, Water bodies, Adverse Effects of Impurities, Constituents Responsible
6. Water Quality Parameters: Potable & Industrial, Physical, Inorganic or Chemical, Toxic Metals, Organic, Nutrient & Demand, Bacteriological, Biological Radioactive Elements
7. Water Quality Standards-BIS, WHO, etc.


15L

Practical's:-

Introduction regarding practical's


1. Temperature
To determine the temperature of the given water sample.
2. Colour
To determine the Colour of the given water sample.
3. pH
To determine the pH of the given water sample.
4. Conductivity
To determine the Conductivity of the given water sample.
5. Total Dissolved Solids
To determine the TDS of the given water sample.
6. Total Hardness
To determine the TH of the given water sample.
7. Alkalinity
To determine the Alkalinity of the given water sample.
8. Dissolve O₂
To determine the DO of the given water sample.
9. Chemical Oxygen Demand
To determine the COD of the given water sample.



Course coordinator


H.O.D. Chemistry
Head

Department of Chemistry
K.E.S.A.P.Sc.College Nagothane




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Department of Chemistry

Date:-21/11/2020

Notice

All the students of T.Y.B.Sc (Regular) are hereby informed that Department of Chemistry is going to start a one month certificate course in water analysis in the college from the academic year 2020-21 through online mode.

Name of the Course: - **A certificate course in Water Analysis**

Duration : - **30 days**

Intake Capacity : - **30 Seats**


Course fees :- **Rs.100/-**

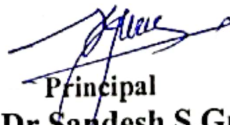
Co-ordinator :- **Dr.V.R. Jadhavar**

Interested students may give their names to Course Co-ordinator **Dr.V.R. Jadhavar** on or before 27/11/2020. Students those who complete the course successfully will get the certificate for the same.

The lectures and practical's of this course will start from 01/12/2020 onwards through online mode. The detail time table of this course will be displayed on your Whatsapp group.


Course Coordinator
Dr.V.R.Jadhavar


H.O.D.Chemistry
Dr.Dinesh V.Bhagat
Head
Department of Chemistry
K.E.S.A.P.Sc.College Nagothane


Principal
Dr.Sandesh S.Gurav
PRINCIPAL
K.E.S. A. P. Science College
Nagothane, Dist. Raigad (M.S.)

K.E.S. Anandibai Pradhan Science College, Nagothane

T.Y.B.Sc. (Regular)

A CERTIFICATE COURSE IN WATER ANALYSIS

LIST OF THE STUDENTS ENROLLED 2020-21

Sr.No.	ROLL NO	STUDENT NAME	CLASS
1	301	ADHIKARI SHARMIN ALTAF	T.Y.B.Sc.
2	302	ADSULE BHAGYASHREE ARUN	T.Y.B.Sc.
3	303	AMANKAR POOJA GANESH	T.Y.B.Sc.
4	304	ASHTIVKAR MAMTA SUNIL	T.Y.B.Sc.
5	305	BAKADE ROCKY SURESH	T.Y.B.Sc.
6	306	BALKAWADE VRUSHALI MANOHAR	T.Y.B.Sc.
7	307	BAVADHANE UTTAM JANU	T.Y.B.Sc.
8	308	BHISE NIKITA CHANDRAKANT	T.Y.B.Sc.
9	309	BHOIR DHANASHRI MANOHAR	T.Y.B.Sc.
10	310	BHOIR PRAJWALA TUKARAM	T.Y.B.Sc.
11	311	BHOIR ROSHANI KESHAV	T.Y.B.Sc.
12	312	BHOIR SANDESH EKNATH	T.Y.B.Sc.
13	313	BHOIR SIDDHESH MAHADEV	T.Y.B.Sc.
14	314	BHOSALE GAUTAMI SURESH	T.Y.B.Sc.
15	315	BONDRE VAIBHAVI DIPAK	T.Y.B.Sc.
16	316	CHAUHAN DIMPLE HIRALAL	T.Y.B.Sc.
17	317	DALVI RUTUJA SANDIP	T.Y.B.Sc.
18	318	DANDEKAR PRACHI MARUTI	T.Y.B.Sc.
19	319	DESHMUKH RAJ RUPESH	T.Y.B.Sc.
20	320	DEVADIGA POOJA SHRIDHAR	T.Y.B.Sc.
21	321	DHAMALE TANVESH SURESH	T.Y.B.Sc.
22	323	DIVEKAR MAYUR MUKUND	T.Y.B.Sc.
23	324	GAIKWAD SARVESH GANESH	T.Y.B.Sc.
24	325	GAMBHE RAHUL SUDHIR	T.Y.B.Sc.
25	326	GHAG SWARUPA VITTHAL	T.Y.B.Sc.
26	327	GHANEKAR TEJAL RAVINDRA	T.Y.B.Sc.
27	328	GHARAT RINA RAVINDRA	T.Y.B.Sc.
28	329	GHASE AISHWARYA RAMESH	T.Y.B.Sc.
29	330	GHASE NILIMA HARISHCHANDRA	T.Y.B.Sc.
30	331	GHOTGALKAR JANHAVI JEEVAN	T.Y.B.Sc.

Head
Department of Chemistry
K.E.S.A.P.Sc.College Nagothane



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Nagothane, Tal. Roha, Dist. Raigad, Pin.402106



Department of Chemistry

Date:-30/11/2020

Notice

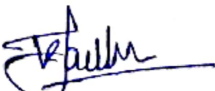
Time Table for a Certificate Course in Water Analysis


Online mode


(December-January)

Days→ Time↓	Mon	Tue	Wed	Thu	Fri	Sat
3.00.to 4.00 pm	-----	-----	-----	Theory	Theory	Theory
3.00 to 4.00 pm	Practical	Practical	Practical	-----	-----	-----

N.B.:- Due to covid-19 pandemic situation practicals will be demonstrated through online mode.


Course Coordinator
Dr. V.R. Jadhavar


H.O.D. Chemistry
Dr. Dinesh V. Bhagat
Head
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K.E.S.A.P.Sc. College Nagothane


Principal
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**K. E. S.
ANANDIBAI PRADHAN SCIENCE COLLEGE
Nagothane, Tal. Roha, Dist. Raigad, Pin.402106**



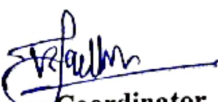
Department of Chemistry


Date:-14/01/2021


Notice

All those students of T.Y. B.Sc. (Regular) who have been completed a Certificate course in water analysis are hereby informed that there will be viva voce exam based on your course syllabus on 16th January 2021. After successful completion of journal and viva, you will get the certificate.

Note the same and be present for the via voce examination.


Course Coordinator
Dr. V.R. Jadhavar


H.O.D. Chemistry
Dr. Dinesh V. Bhagat
Head
Department of Chemistry
K.E.S.A.P.Sc. College Nagothane


Principal
Dr. Sandesh S. Gurav
PRINCIPAL
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Kokan Education Society's

Anandibai Pradhan Science College, Nagothane

Self employment skill development program

NOTICE

(Hand sanitizer, perfume, Soap, Shampoo , Phenyl, Agarbatti making)

Date-18/02/2021

The students enrolled for certificate course ie **Hand sanitizer and Perfume making Course** are hereby informed that their practical demonstration session is organized on 20.02.21 . Mrs Shilpa Nikam will be available as resource person or the practical session. All enrolled students are informed to be present for the same.

Suchowdhan

Teacher incharge

[Signature]

Head of Chemistry Department

Department of Chemistry
K.E.S.A.P.Sc.College



[Signature]

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K.E.S. A. P. Science College
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Kokan Education society's
Anandibai Pradhan Science College,
Nagothane, Dist- Raigad (Maharashtra)


Department of Chemistry

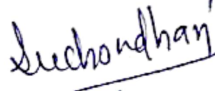
ACADEMIC YEAR-2020-21

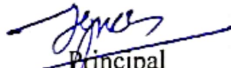


Self employment skill development program
(Hand sanitizer and Perfume making)

Faculty	Name of course	No of students enrolled		No of Lectures taken	
		Enrolled	Attended	Hand sanitizer	Perfume
Science (Chemistry)					
	Hand sanitizer	22	20	15	15
	Perfume	22	20		
	Total				


Head of department
Head
Department of Chemistry
K.E.S.A.P.Sc.College Nagothane


Co-ordinator


Principal
PRINCIPAL
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**Kokan Education Society's
Anandibai Pradhan Science College, Nagothane
Tal -Roha , Dist -Raigad
Department of Chemistry**

TIME TABLE (2020-21)

(Hand sanitizer, Perfume making course)(online mode)

Certificate Course	Time/Date	Hand sanitizer 4-00 -5.00 pm	perfume 4-00 -5.00 pm
Hand sanitizer, Perfume making course	22/12/2021	SVZ	CSP
	23/12/2021	CSP	PDJ
	24/12/2021	PDJ	SDS
	02/01/2021	SDS	SVZ
	03/01/2021	SVZ	CSP
	04/01/2021	CSP	PDJ
	05/01/2021	PDJ	SDS
	06/01/2021	SDS	SVZ
	07/01/2021	SVZ	CSP
	08/01/2021	CSP	PDJ
	09/01/2021	PDJ	SDS
	11/01/2021	SDS	SVZ
	12/01/2021	SVZ	CSP
	13/01/2021	CSP	PDJ
	14/01/2021	PDJ	SDS
	15/01/2021	SDS	SVZ
	16/01/2021	SVZ	CSP
	18/01/2021	CSP	PDJ
	19/01/2021	PDJ	SDS
	20/01/2021	SDS	SVZ
	21/01/2021	SVZ	CSP
	22/01/2021	CSP	PDJ
	23/01/2021	PDJ	SDS
	25/01/2021	SDS	SVZ
	27/01/2021	SVZ	CSP
	28/01/2021	CSP	PDJ
	29/01/2021	PDJ	SDS
	30/01/2021	SDS	SVZ
01/02/2021	SVZ	CSP	

Sachin Mahajan
Teacher in charge

[Signature]
Head of Chemistry Department

**Department of Chemistry
K.E.S.A.P.Sc.College Nagothane**



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Nagothane, Dist. Raigad (M.S.)

**Participation in Hand Sanitizer making workshop
List of Participants 2020-21**



Sr No	Name of student	Class
1	GHASE AISHWARYA RAMESH	T.Y.B.Sc.
2	GHASE NILIMA	T.Y.B.Sc.
3	DANDEKAR PRACHI MARUTI	T.Y.B.Sc.
4	BONDRE VAIBHAVI DIPAK	T.Y.B.Sc.
5	AMANKAR POOJA GANESH	T.Y.B.Sc.
6	SAKPAL DIPTEE MANOHAR	T.Y.B.Sc.
7	SHIRKE MAYURI TUKARAM	T.Y.B.Sc.
8	BHOIR PRAJWALA TUKARAM	T.Y.B.Sc.
9	LADGE OMKAR DILIP	T.Y.B.Sc.
10	JOGILKAR RIYAZ ISMAIL	T.Y.B.Sc.
11	BHOIR DHANASHRI MANOHAR	T.Y.B.Sc.
12	KHARIWALE SHRUTI SURESH	T.Y.B.Sc.
13	MAHALE NUTAN NARAYAN	T.Y.B.Sc.
14	GHANEKAR TEJAL RAVINDRA	T.Y.B.Sc.
15	NAGOTHKAR AADITI DINESH	T.Y.B.Sc.
16	ADSULE BHAGYASHREE ARUN	T.Y.B.Sc.
17	GHARAT RINA RAVINDRA	T.Y.B.Sc.
18	LOKHANDE AADESH	T.Y.B.Sc.
19	TAWATE BHAVESH BHAGWAN	T.Y.B.Sc.
20	DHAMALE TANVESH SURESH	T.Y.B.Sc.
21	MARAVADE PRADNYA LAXMAN	T.Y.B.Sc.
22	MULLA NAVID NADEEM	T.Y.B.Sc.

Sachinraj
co-ordinator

[Signature]
Head
Department of Chemistry
K.E.S.A.P.Sc.College Nagothane

[Signature]
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Nagothane, Dist. Raigad (M.S.)

Participation in Perfume making workshop
List of Participants 2020-21



Sr No	Name of student	Class
1	GHASE AISHWARYA RAMESH	T.Y.B.Sc.
2	GHASE NILIMA	T.Y.B.Sc.
3	DANDEKAR PRACHI MARUTI	T.Y.B.Sc.
4	BONDRE VAIBHAVI DIPAK	T.Y.B.Sc.
5	AMANKAR POOJA GANESH	T.Y.B.Sc.
6	SAKPAL DIPTEE MANOHAR	T.Y.B.Sc.
7	SHIRKE MAYURI TUKARAM	T.Y.B.Sc.
8	BHOIR PRAJWALA TUKARAM	T.Y.B.Sc.
9	LADGE OMKAR DILIP	T.Y.B.Sc.
10	JOGILKAR RIYAZ ISMAIL	T.Y.B.Sc.
11	BHOIR DHANASHRI MANOHAR	T.Y.B.Sc.
12	KHARIWALE SHRUTI SURESH	T.Y.B.Sc.
13	MAHALE NUTAN NARAYAN	T.Y.B.Sc.
14	GHANEKAR TEJAL RAVINDRA	T.Y.B.Sc.
15	NAGOTHKAR AADITI DINESH	T.Y.B.Sc.
16	ADSULE BHAGYASHREE ARUN	T.Y.B.Sc.
17	GHRAT RINA RAVINDRA	T.Y.B.Sc.
18	LOKHANDE AADESH	T.Y.B.Sc.
19	TAWATE BHAVESH BHAGWAN	T.Y.B.Sc.
20	DHAMALE TANVESH SURESH	T.Y.B.Sc.
21	MARAVADE PRADNYA LAXMAN	T.Y.B.Sc.
22	MULLA NAVID NADEEM	T.Y.B.Sc.

Sudhakar
co-ordinator

[Signature]
Head
Department of Chemistry
K.E.S.A.P.Sc.College Nagothane

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1. Perfume making

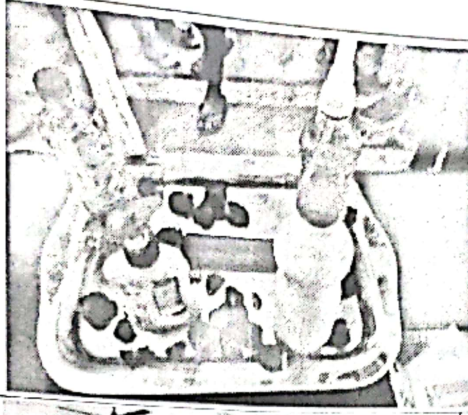


Sudhakarhan
Co.ordinator

[Signature]
Head
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[Signature]
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2. Hand wash and sanitiser Preparation



Suchandhanj
Incharge

[Signature]
Head
Department of Chemistry
K.E.S.A.P.Sc.College Nagothane

[Signature]
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Nagothane, Dist. Raigad (M.S.)