Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

CRITERION- 6

GOVERNANCE, LEADERSHIP & MANAGEMENT

Key Indicator- 6.5 Internal Quality Assurance System

6.5.1QlM-Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.

Student Centric Teaching Program

[Representative mode]

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Zoology

CRITERIA 6.5.1 Student Centric Activities

Name of Department: Zoology **Academic Year: 2022-23**

SUMMARY

Sr. No	Student Centric Activities	Activity Organised	Date	No. Of Beneficiaries
1.	Experiential Learning	• Practicum	27/02/23 to 6/05/23	241
		• Project	18/05/2023	26
2.	Participative Learning	• Student seminar	10/10/22 to 14/10/22	37
		• Study tour	28/04/23 to 29/04/23	163+16=179
		• Group Discussion	06/12/22 22/02/23	28 28
3.	Problem Solving Method	• Assignment	12/01/23	241
4.	ICT Methods used	• List of PPT	30/01/23	37
		• You tube Lectures	05/02/23	37

Head of Department

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Principal

Principal
K.J.Somaiya College
Kopargaon

INDEX

Sr. No.	Title of Experiments	Page Nos.	Date	Sign
	MODULE – II : PRACTICAL PEST CONTROL			
1.	Study of insect pests of veterinary and public health importance.	1 - 9	10/04/2023	M Shaikh 12/05/23
2.	Study of Household and stored grain pests.	10 -33	02/03/2023	M Shaikh 12/05/23
3.	Calculations of LD50 and effects on behavior.	34-38	0803/2023	M Shaikh 12/05/23
4.	Study of Respiratory poisons (fumigants) – Carbon tetrachloride, Ethylene dichloride and Nicotine.	39-42	09/05/2023	M Shaikh 12/05/23
5.	Study of Pesticide appliances: Sprayers and Dusters.	43-46	08/05/2023	M Shaikh 12/05/23
6.	Study of parasitoids, predators and pathogens in biological control.	47-48	04/05/2023	M Shaikh 12/05/23
7.	Study of Non – insect pests : Rat , Bandicoots , Crabs , Snails , Slugs , Birds and Squirrels.	49-65	14/04/2023	M Shaikh 12/05/23
8.	Study of insect attractants and repellents.	66-70	11/04/2023	M Shaikh 12/05/23

Completed

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

INDEX

Sr. No.	Title of the Experiments	Page Nos.	Date	Sign
	MODULE -I: PRACTICAL ANIMAL PHYSIOLOGY I			
1.	Determination of bleeding time and clotting time in man.	1-5	27/02/2023	M Shaikh 12/05/23
2.	Effect of temperature on water loss in Cockroach .	6-8	13/03/2023	M Shaikh 12/05/23
3.	Study of types of heart (Myogenic and Neurogenic).	9-12	09/05/2023	M Shaikh 12/05/23
4.	Determination of protein, glucose in urine.	13-18	05/05/2023	M Shaikh 12/05/23
5.	Determination of protein , glucose in urine from diabetic patient.	19-24	05/05/2023	M Shaikh 12/05/23
6.	Qualitative Analysis : 1. Preparation and study of urine crystals. 2. Estimation of Serum urea.	25-45 46-48	09/03/2023 08/05/2023	M Shaikh 12/05/23 M Shaikh 12/05/23
7.	Normal and abnormal constituents of human urine.	49-51	06/03/2023	M Shaikh 12/05/23
8.	Total RBC, WBC and differential WBC count -- A comparative study of fish, goat and humans.	52-66	03/04/2023	M Shaikh 12/05/23
9.	Estimation of blood Sodium, Potassium, Calcium.	67-77	06/05/2023	M Shaikh 12/05/23
10.	Estimation of serum uric acid.	78-80	06/05/2023	M Shaikh 12/05/23

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Project 2022-23

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
MOHANIRAJNAGAR TAL- KOPARGAON DIST- AHMEDNAGAR

DEPARTMENT OF ZOOLOGY

A PROJECT ON

" DETERMINATION OF VITAMIN C FROM FRUIT, VEGETABLES & DRINKS"

BY

Miss. SAVITA DATTATRAY SURYAWANSHI

FOR THE FULFILLMENT OF DEGREE IN MASTER OF SCIENCE IN ZOOLOGY
AS PER SYLLABUS PRESCRIBED BY

SAVITRIBAI PHULE PUNE UNIVERSITY,PUNE
UNDER THE GUIDANCE OF

MISS. VRUSHALI PETKAR MAM
DEPARTMENT OF ZOOLOGY
K. J. SOMAIYYA COLLAGE, KOPARGOAN
2022-23

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Zoology

Kopargaon Taluka Education Society

K. J. Somaiya College of Art's, Commerce and Science, Kopargaon.

Departmental of Zoology

CERTIFICATE

This is to Certify that the project entitled "**DETERMINATION OF VITAMIN C FROM FRUIT, VEGETABLES & DRINKS**". Submitted by, **Miss. SAVITA DATTATRAY SURYAWANSHI** Was carried out satisfactorily under the guidance of Miss. Vrushali Petkar mam, Assistant professor, Department of Zoology, K. J. Somaiya College of Arts, Commerce and Science, Kopargoan, during the Academic year of 2022-2023.

Date: 19/05/2023

Place: Kopargaon

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

19/05/2023

Dr. R. D. Gawali
Head
Head of Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

18/05/2023

Miss. V. B. Petkar
Project Guide

1) 19/05/23

2) 19/05/2023

Examiner

Principal
Dr. B.S. Yadav

"STUDY OF SOIL NEMATODES FROM DIFFERENT CROP FIELDS"

SUBMITED BY

MISS. RIDDHISHWARI R. WAKCHAURE
M. SC. PART II (ZOOLOGY)

UNDER THE GUIDANCE OF

Mr. ASANE. H. N.
(ASST.PROFESSOR, DEPARTMENT OF ZOOLOGY)

SUBMITED TO

KOPARGAON TALUKA EDUCATION SOCIETY'S

DEPARTMENT AND RESEARCH CENTERE IN ZOOLOGY,
K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
KOPARGAON.

IN PARTIAL FULFILLMENT OF THE REQUIRMENTS FOR

THE DEGREE OF MASTER OF SCIENCE
(2022-2023)

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology



CERTIFICATE

This is to certify that the project entitled "**Study Of Soil Nematodes From Different Crop Fields**" submitted by **Miss. Riddhishwari R. Wakchaure** was carried out satisfactorily under the guidance of **Mr. Hemant N. Asane** Asst. Professor department of Zoology K.J.somaiya Art's and Science College Kopargaon during the academic year 2022 - 2023 .

Place : Kopargaon

Date: 19/05/2023



19/05/2023

Dr. R. D. Gawali.
Head of Department.
Zoology

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

1) M Shaikh 19/05/2023

2) 19/05/2023

External Examiner

19/05/2023.

Mr. H. N.Asane
Research Project
Guide



"PHYSICO-CHEMICAL CHARACTERISTICS AND ZOPLANKTON DIVERSITY IN KOPARGAON TAHSIL"

SUBMITED BY

Ms. DAWANGE AARTI DNYANESHWAR
M. SC. PART II (ZOOLOGY)

UNDER THE GUIDANCE OF

MR. SHAIKH M. J.
M.sc., MLT. MH SET, IIT GATE, CSIR NET, Ph.D. (Persuing)
ASST.PROFESSOR, DEPARTMENT OF ZOOLOGY

SUBMITED TO

DEPARTMENT AND RESEARCH CENTERE IN ZOOLOGY,
K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
KOPARGAON.

IN PARTIAL FULFILLMENT OF THE REQUIRMENTS FOR
THE DEGREE OF MASTER OF SCIENCE

(2022-2023)

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Zoology

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J.SOMAIYA COLLEGE OF ART'S, COMMERCE & SCIENCE,
MOHANIRAJNAGAR KOPARGAON

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that the project entitled **"physic-chemical characteristics and zooplankton diversity"** by **Miss. DAWANGE AARTI DNYANESHWAR** was carried out satisfactorily under the guidance of **Mr. Shaikh M. J.** Assistant professor, Department of Zoology, K.J Somaiya College of Art's, Commerce and Science, Kopargaon, during the Academic year of **2022-2023.**

Date: 19/05/2023

Place: Kopargaon

K. J. SOMAIYA COLLEGE * Dept. of Zoology * KOPARGAON *

19/05/23

Dr. R. D. Gawali
Head of the Department of Zoology

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

19/05/2023

Mr. M. J. Shaikh
Project Guide

19/05/2023

Examiner

19/05/2023

Principal
Dr. B.S. Yadav

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Seminar 2022-23

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Seminar Topics: **M.Sc. II**

Subject: **ZOUT 232 – ECONOMIC ZOOLOGY**

Sr.No	Student Name	Topic	Sign.
1	Anarthe Gauri	Animal husbandry – poultry and piggery	
2	Bangaiyya Revati	Animal husbandry – dairy and wool industry	
3	Bare Apeksha	Economic importance of apiculture	
4	Bargal Swati	Economic importance of lac culture	
5	Chine Shital	Economic importance of sericulture	
6	Dawange Artri	Household insect and store grain pest	
7	Anarthe Gauri	Agricultural pest	
8	Gite Pooja	Economic importance of birds	
9	Jamdar Nikita	Economic importance of amphibians and reptiles	
10	Kadam Vrushali	Vermiculture industry in India	
11	Kardile Amol	Prawn culture	
12	Katkade Swapnali	Concept of coral reef and its importance	
13	More Jayshri	Model animal in pharmaceutical industry	
14	Shinde Bhavini	Sponge culture and its economic importance	
15	Suryawanshi savita	Nematodes and roundworms of animal and plants	
16	Usare Shital	Helminthes as human and animal parasite	
17	Wakchoure Riddhishwari	Parasitic protozoans and their role in human welfare	
18	Warkar Savita	Soil protozoan and their role in agriculture	

Subject teacher: Shaikh M.J

Head of Department: Dr.Gawali R.D.

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Commerce & Science, Kopargaon

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K. J. Somaiya College of Arts,
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K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Seminar Topics: **M.Sc. II**

Subject: **ZOUT 233 – Insect Physiology and Biochemistry**

Sr.No	Student Name	Topic	Sign.
1	Anarthe Gauri	Structure and chemistry of integument	
2	Bangaiyya Revati	Sclerotization and function of integument	
3	Bare Apeksha	Digestion and absorption of proteins and carbohydrate	
4	Bargal Swati	Digestion and absorption of lipid	
5	Chine Shital	Structure and function of fat body	
6	Dawange Artri	Ventilatory mechanisms in terrestrial insects	
7	Anarthe Gauri	Ventilatory mechanisms in aquatic insects	
8	Gite Pooja	Physicochemical properties of heamolymph	
9	Jamdar Nikita	Types ,structure and function of haemotocytes	
10	Kadam Vrushali	Structure of insect muscle	
11	Kardile Amol	Biochemistry of flight muscle	
12	Katkade Swapnali	Excretion and water balance in insect	
13	More Jayshri	Structure and function of Malpighian tubules	
14	Shinde Bhavini	Endocrine structure in insect	
15	Suryawanshi savita	Chemistry and function of neurosecretory hormones	
16	Usare Shital	Structure and function of juvenile hormone and molting hormone	

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17	Wakchoure Riddhishwari	Structure and function of steroid hormone	
18	Warkar Savita	Microsomal and extra microsomal enzymes	

Subject teacher: **Shaikh M.J.**

Head of Department:

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K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Seminar Topics: **M.Sc. I**

Subject: **ZOUT 111- Biochemistry and Biochemical techniques**

Sr.No	Student Name	Topic	Sign.
1	Kaur Harshit Kanda	Structure of atom and molecules	
2	Shinde Samiksha Vitthal	Chemistry of water	
3	Dongare Ruchita Suresh	Normality, molality, molarity and percent solution	
4	Asane Bhavna Vijay	Biological buffer systems	
5	Paithankar Sayali Santosh	Classification of carbohydrates	
6	Mali Kalyani Rajendra	Structure, function and classification of lipids	
7	Dhige Minakshi Sambhaji	Types of vitamins	
8	Raktate Pratiksha Nandkumar	Classification of amino acids	
9	Goankar Alisha Allu	Proteins and peptide bond	
10	Kurtarkar Anupa Anay	Enzyme classification and kinetics	

Subject teacher: **Shaikh M.J.**

Head of Department:

Head
Department of Zoology
K. J. Somaiya College of Arts,
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Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Seminar Topics: M.Sc. II

Subject: Aquaculture

Date :- 02/01/23

Sr.No	Student Name	Topic	Sign.
1	Anarthe Gauri	Indian Major Carps	Gauri
2	Bangaiyya Revati	Culture of Common Carps	Revati B.
3	Bare Apeksha	Integrated fish farming	Bare A.
4	Bargal Swati	Geographic Information System	Swati
5	Chine Shital	Information Communication Tech.	Shital
6	Dawange Artri	Composition & Quality of Pearl	Dawange
7	~~Anarthe Gauri~~	~~Rearing of fresh water Prawn.~~	
8	Gite Pooja	Seed Procurement from Natural	Pooja Gite
9	Jamdar Nikita	Harvesting & Marketing of Prawn	Nikita J.
10	Kadam Vrushali	Induced breeding	Vrkadam
11	Kardile Amol	Management of Ponds.	Kardile
12	Katkade Swapnali	Predatory & weed fishes	Katkade
13	More Jayshri	Aquatic weed & their Control	Jayshri
14	Shinde Bhavini	Aquatic Pest & their Control	Shinde
15	Suryawanshi savita	Mari Culture, Cage Culture	Savita Sur
16	Usare Shital	Composite Culture, Monoculture	Shital
17	Wakchoure Riddhishwari	Advantages of Induced breeding	Riddhi
18	Warkar Savita	Natural & Artificial Feeding	Savita

Subject teacher: Deshmukh K.S.

Head of Department:

Head 05/01/2023
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

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K.J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Seminar Topics: M.Sc. I

Subject: Cell Biology and Developmental Biology

Date :- 04/01/2023

Sr.No	Student Name	Topic	Sign.
1	Kaur Harshit Kanda	Concept of fertilization	Harshit kanda
2	Shinde Samiksha Vitthal	Types of Eggs	Samiksha
3	Dongare Ruchita Suresh	Cleavage & its types	Ruchita
4	Asane Bhavna Vijay	Structure of Sperm cell	Bhavna
5	Paithankar Sayali Santosh	Concept of Development	Sayali
6	Mali Kalyani Rajendra	Oogenesis	KalyaniM
7	Dhige Minakshi Sambhaji	Spermiogenesis	Minakshi Dhige
8	Raktate Pratiksha Nandkumar	Polyspermy	Pratiksha
9	Goankar Alisha Allu	Morphogenesis in frog	Alisha
10	Kurtarkar Anupa Anay	Limb Regeneration	Anupa
11	Shinde Ashwini Suresh	Apoptosis.	Ashwini

Subject teacher: Deshmukh K.S.

Head of Department:

Head 05/01/2023
Department of Zoology
K. J. Somaiya College of Arts,
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Department of Zoology



Seminar Topics: M. Sc. I

Subject: ZOUT-111 Biochemical technique.

Sr.No	Student Name	Topics	Sign
1.	Katkade Swapnali B.	Principle of chromatography	[signature]
2.	Jamdar Nikita K.		-
3.	Warkar Savita J.	properties of Radioactive isotopes	[signature]
4.	Anarthe Gauri D.	Isotopic dilution analysis (Radioactivity)	[signature]
5.	Singar Vaishnavi R.	Principle of Spectroscopy	[signature]
6.	Shinde Bhavani S.	function of spectroscopy	[signature]
7.	Mali Yash D.	commonly used isotopes (radioactivity)	[signature]
8.	More Jayashri U.	Structure & working of G.M. Counter	[signature]
9.	Usare Shital D.	Biologically Used in isotopes	[signature]
10.	Kadam Priyanka G.	Electrophoresis	[signature]
11.	Kadam Vrushali K.	Agarose gel electrophoresis	[signature]
12.	Kardile Amol K.	PAGE Electrophoresis	[signature]
13.	Shinde Vaishnavi B.	—	-
14.	Deokar Jayashri D.	—	-
15.	Bare Apeksha R.	Radition Hazards	[signature]
16.	Suryawanshi Savita D.	Applications of centrifugation	[signature]
17.	Singar Vaishnavi D.	Applications of chromatography	[signature]
18.	Shaikh Rozmin k.	—	-
19.	Velis Urvashi S.	—	-
20.	Kamdalkar Swati T.	—	-
21.	Bangaiyya Revti R.	Different Centrifugation	[signature]
22.	Wakchaure Riddheshwari R.	Principle of centrifugation.	[signature]
23.	Shinde Ashwini S.	Gas Chromatography	[signature]

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24.	Bargal Swati S.	Isoelectric focusing	Swati
25.	Dawange Arti D.	MALDI-TOF NMR	

Miss- Chavan S.S.

Subject Teacher.

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HOD

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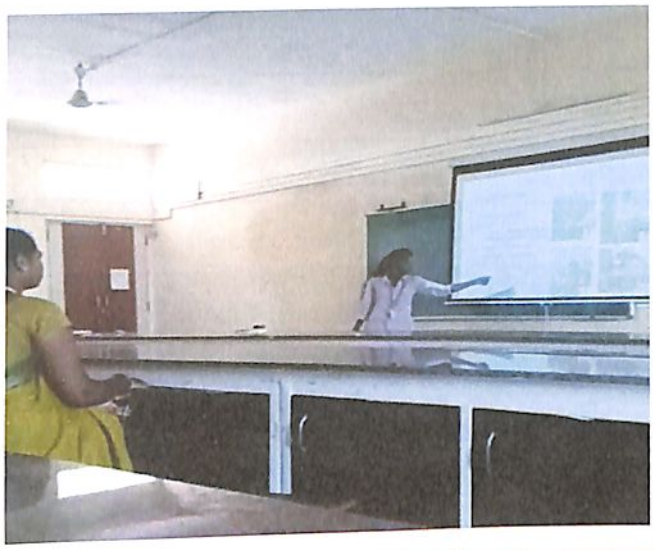

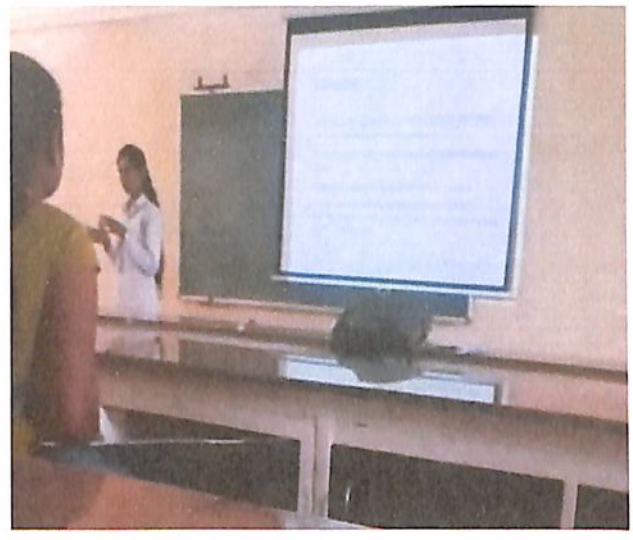





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Study Tour 2022-23

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
KOPARGAON

Tal. Kopargaon, Dist. Ahmednagar- 423601

DEPARTMENT OF ZOOLOGY

SOMAIYA COLLEGE ★ K. J. S. ★ KOPARGAON ★ Dept. of Zoology

Report of the Activity: Study Tour: 2022-2023

Educational Study Tour: Visit to Lonavala-Khandala-Pali-Mangaon-Mhasala-Diveagar –Dighi-Murud-Janjira fort-Harihareshwar-Mangaon-Return

15th April 2023

Department: Zoology

Name of the activity: Study Tour to Lonavala-Khandala-Pali-Mangaon-Mhasala-Diveagar –Dighi-Murud-Janjira fort- Harihareshwar - Return

Date of Activity: **28th and 29th April 2023**

Venue: Study Tour to Lonavala-Khandala-Pali-Mangaon-Mhasala-Diveagar – Dighi-Murud-Janjira fort- Harihareshwar - Return

Number of Student Participants-163

Number of Faculty Participants-16

Aims and Objectives of the Activity:

1. To study Forest Ecosystem of Ekvira Devi Temple region near Lonavala.
2. To visit Shree Ganesh Temple at Pali.
3. To visit Diveagar, Sea Beach to observe Marine habitat with Diversity of sea animals.
4. To visit Murud – Janjira Fort to Study historical Janjira fort with Sea animal diversity and fort diversity.

Brief Report of the Activity:

- Department of Zoology and others organized "Excursion Study Tour" for F. Y. / S.Y. / T.Y.B.Sc /B.C.A. / B.B.A. and M.Sc. I and II students on 28th - 29th April 2023 to the route as "Kopargaon – Sangamner - Talegaon Dabhade – Khandala – Pali - Mangaon - Mhasala - Dive Agar - Dighi - Janjira - Harihareshwar – Mangaon - Return".

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- Total 163 students and 16 staff members with four S.T. buses from various Departments of College were participated in the study tour and prepared report on Biodiversity of plants and animals from terrestrial and aquatic (marine) habitats of above visited spots.
- In study tour students have visited Forest Ecosystem of Ekvira Devi Temple region near Lonavala, then visited Shree Ganesh Temple at Pali.
- Then reached at Diveagar in Afternoon and visited Diveagar Sea Beach and observed Marine habitat with Diversity of sea animals on 28th May 2023.
- On next day the study tour visited Murud – Janjira Fort to Study historical Janjira fort with Sea animal diversity and fort diversity.

Support of Teaching Staff:

- Dr. B. S. Gaikwad
- Dr. B. D. Gavhane
- Prof. N. S. Pote
- Prof. Miss. A. V. Yeole & others

Outcomes of the Activity:

- The place of visit was technologically equipped, the location was easily accessible.
- Department has organized Study Tour of B. Sc. & M. Sc. Students on 28th and 29th April 2023 to Lonavala – Pali – Diveagar – Murud Janjira – Harihareshwar- Mangaon- Return-Kopargaon.
- 163-Students of Zoology, Botany, Chemistry, Microbiology and Mathematics and 16 faculties participated in Study tour.
- In study tour students have visited Forest Ecosystem of Ekvira Devi Temple region near Lonavala, then visited Shree Ganesh Temple at Pali.
- Then reached at Diveagar in Afternoon and visited Diveagar Sea Beach and observed Marine habitat with Diversity of sea animals on 28th April 2023.
- On next day the study tour visited Murud – Janjira Fort to Study historical Janjira fort with Sea animal diversity and fort diversity.
- As a part of curriculum, it is compulsory visit for post-graduation course in subject of Biodiversity Studies in Practical Course.

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Zoology

Co ordinator
IQAC, K. J. Somaiya

Principal
K. J. Somaiya College of Arts

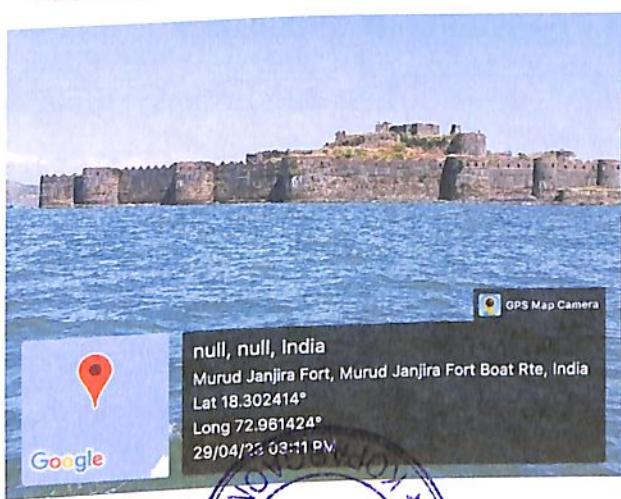
Photographs of Activity:

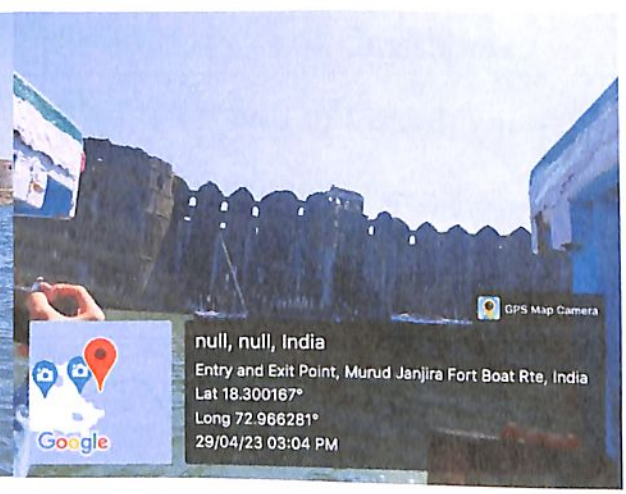












Dept. of Zoology
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K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

K. J. Somaiya College, Kopargaon

Department of Zoology

T.Y. B. Sc: Semester - II (2022-23)

Zoology Paper: Entomology

(Last Date of Submission: -~~28/04/2023~~) (28/04/23)

Assignment No. 1

Q.1 What is Entomology? Describe the Scope and branches of Entomology.

Q.2 Explain the general characters of Class- Insecta /Insects.

Q.3 Describe the structure of Insect integument.

Q.4 Write short notes on the following

a) Structure of Head of insect, b) Structure of thorax of an insect, c) Modifications of insect legs, d) Structure of Insect Wings e) Structure of Insect abdomen (with diagrams) f) Structure of compound eye g) Modifications of insect antennae. h) Insect. mouth parts

Q. 5 Describe the structure and functions of digestive system of Grasshopper

Q. 6 Explain the structure and functions of circulatory system of Grasshopper

Q. 7 Describe the structure and functions of respiratory system of Grasshopper

Q. 8 Explain the structure and functions of nervous system of Grasshopper

12/04/2023

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2022-23

Subject: Animal Physiology **Date: 20/02/23**

All the Students of **M.Sc. II** Zoology are here by informed that group discussion activity will be conducted on **22/02/23** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Nitrogenous waste	Alpha	1,2,3,4,5,6
2	Urine formation	Beta	7,8,9,10,11,12
3	Electrolyte Balance	Gamma	13,14,15,16,17,18

20/02/23

Subject Teacher

[Deshmukh K.S.]

HOD

Head

Department of Zoology

K. J. Somaiya College of Arts,

Commerce & Science, Kopargaon

Group Discussion 2022-23

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2022-23

Subject: Animal Physiology **Date: 20/02/23**

All the Students of **M.Sc. II** Zoology are here by informed that group discussion activity will be conducted on **22/02/23** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Nitrogenous waste	Alpha	1,2,3,4,5,6
2	Urine formation	Beta	7,8,9,10,11,12
3	Electrolyte Balance	Gamma	13,14,15,16,17,18

20/02/23

Subject Teacher

(Deshmukh K.S.)

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

HOD

Head

Department of Zoology

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2022-23

Subject: Animal physiology **Date:** 22/02/23

Sr. no.	Topic Name	Group	Roll No.	Student name	Signature
1	Nitrogenous waste	Alpha	1	Anarthe Gauri	Panarthe
			2	Bangaiyya Revati	R Bangaiyya
			3	Bare Apeksha	Bare
			4	Bargal Swati	Bargal
			5	Chine Shital	Chine
			6	Dawange Artri	Dawange
2	Urine formation	Beta	7	Gite Pooja	Gooja
			8	Jamdar Nikita	N. Jamdar
			9	Kadam Vrushali	Kadam
			10	Kardile Amol	Kamol
			11	Katkade Swapnali	Absent
			12	More Jayshri	More
3	Electrolyte Balance	Gamma	13	Shinde Bhavini	——
			14	Suryawanshi savita	Savita
			15	Usare Shital	Usare
			16	Wakchoure Riddhishwari	Wakchoure
			17	Warkar Savita	Warkar
			18	Shinde Bhavini	Absent

22/02/23

Subject Teacher

[Deshmukh K.S.]

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2022-23

Subject: Immunology **Date:** 01/12/2022

All the Students of **M.Sc II** Zoology are here by informed that group discussion activity will be conducted on **06/12/22** at 9:30am in Department of Zoology.
Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Immunological tolerance	Alpha	1,2,3,4,5,6
2	Autoimmunity	Beta	7,8,9,10,11,12
3	hypersensitivity	Gamma	13,14,15,16,17,18

Subject Teacher
miss Chavan S.S.

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2022-23

K. J. SOMAIYA ... Dept. of Zoology ★ KOPARGAON ★

ıbject: Immunology

Date: 06/12/22

.no.	Topic Name	Group	Roll No.	Student name	Signature
	Immunological tolerance	Alpha	1	Anarthe Gauri	Anarthe
			2	Bangaiyya Revati	Bangaiya
			3	Bare Apeksha	[illegible]
			4	Bargal Swati	Bargal
			5	Chine Shital	Chine
			6	Dawange Artri	Dawange
	Autoimmunity	Beta	7	Gite Pooja	Gooja
			8	Jamdar Nikita	N. Jamdar
			9	Kadam Vrushali	Kadam
			10	Kardile Amol	Kamal
			11	Katkade Swapnali	Absent
			12	More Jayshri	Moraj
	Hypersensitivity	Gamma	13	Shinde Bhavini	—
			14	Suryawanshi savita	Ssavita
			15	Usare Shital	Susare
			16	Wakchoure Riddhishwari	[illegible]
			17	Warkar Savita	Warkar
			18	Shinde Bhavini	Bshinde

ect Teacher

-havan S.S.

HOD

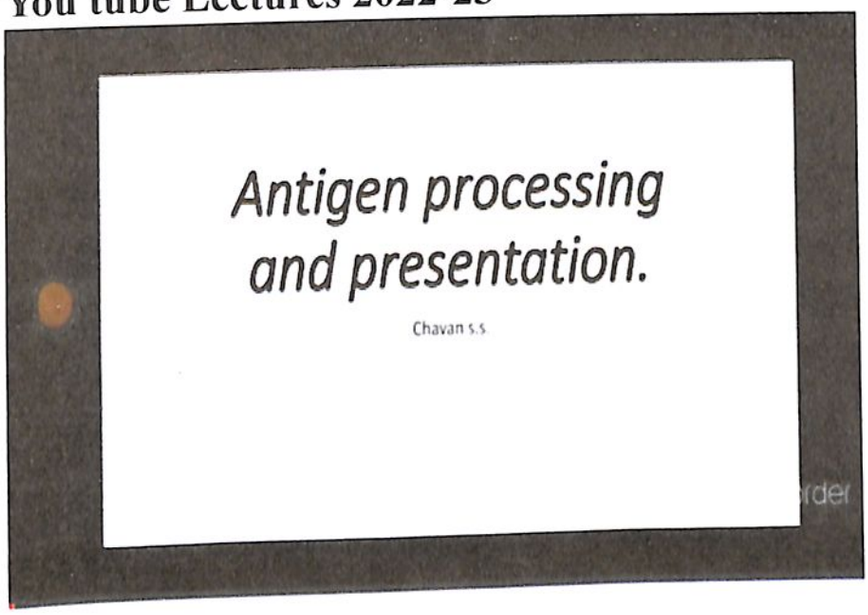
Head

Department of Zoology

K. J. Somaiya College of Arts,

Commerce & Science, Kopargaon

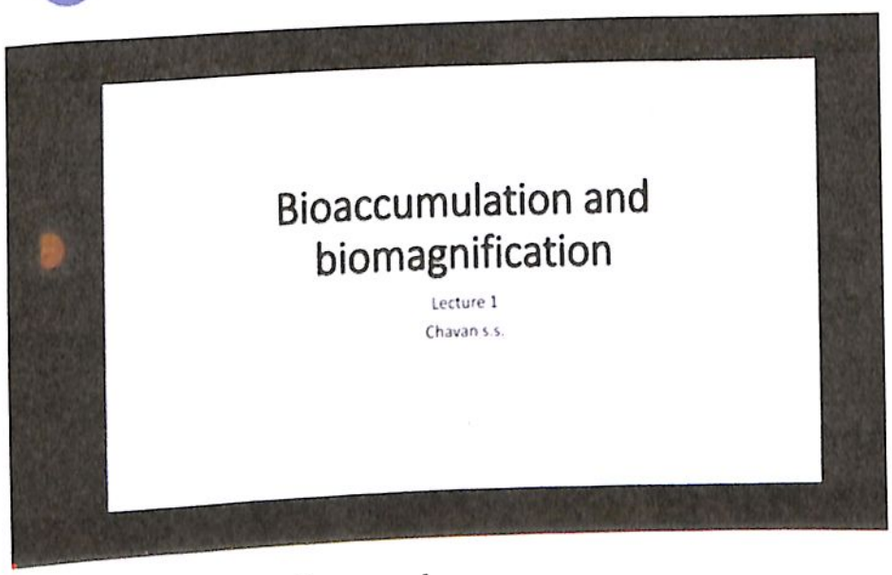
You tube Lectures 2022-23



Antigen processing and presentation Immunology chapter 4

39 views 1 yr ago ...more

M Msc zoology 228



Biomagnification and Bioaccumulationpollution BiologyMSc II

79 views 1 yr ago ...more

M Msc zoology 228

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Head
Department of Zoology
K. J. Somaiya College of Arts,
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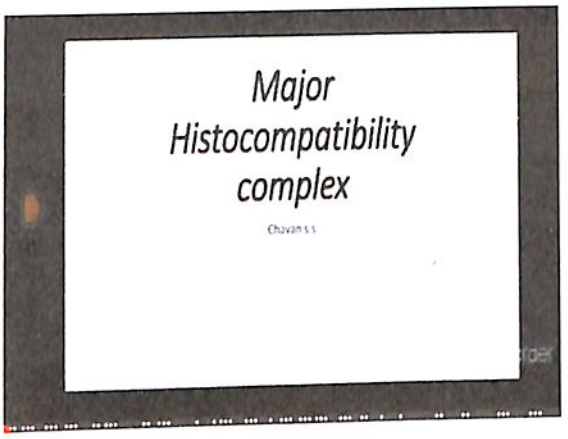

Major Histocompatibility complex Immunology chapter 4

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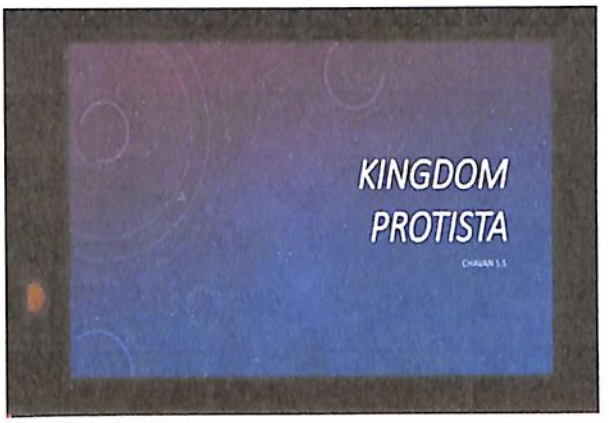
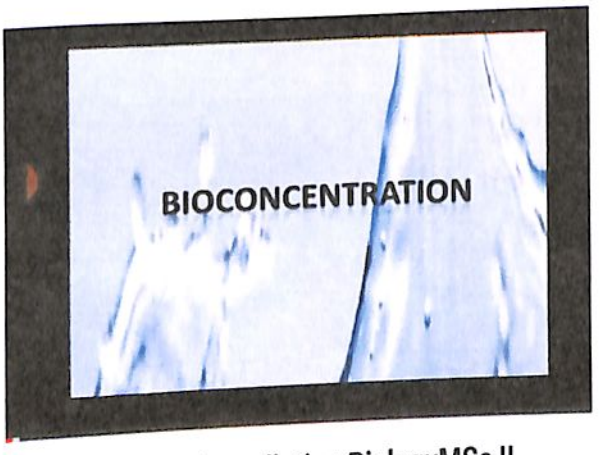


kingdom protista cha -5 fundamentals of systematics

37 views 1 yr ago ...more

M Msc zoology 228



Bioconcentrationpollution BiologyMSc II

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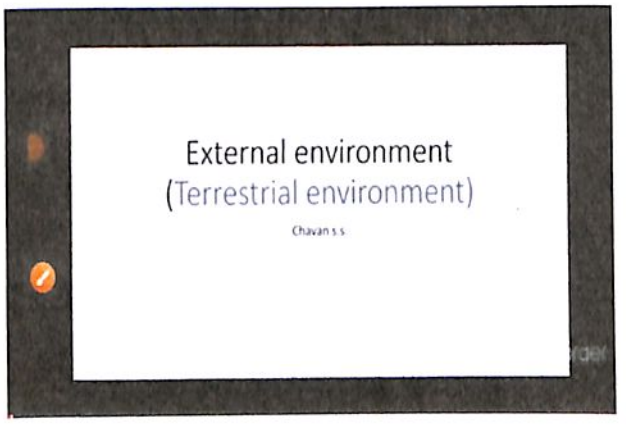

Terrestrial environment

75 views 1 yr ago ...more

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K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Zoology

Head
Department of Zoology
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K. J. SOMAIYA COLLEGE
Dept. of Zoology
KOPARGAON

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

CRITERIA 6.5.1 Student Centric Activities

Name of Department: Zoology **Academic Year: 2021-22**

SUMMARY

Sr. No	Student Centric Activities	Activity Organised	Date	No. Of Beneficiaries
1.	Experiential Learning	• Practicum	01/03/22 to 27/04/22	288
		• Project		31
		• Study Tour	21/05/22 05/05/22 to 06/05/22	76
2.	Participative Learning	• Student seminar	21/02/22 to 28/02/22	39
		• Field Visit (Industrial Visit)	11/01/22	18+22= 40
		• Study Visit (Water filtration plant)	17/03/22	18+22= 40
		(SJS hospital)	15/03/22	18+ 22 = 40
		• Group Discussion	07/02/22 to 11/02/22 03/05/22 to 10/05/22	18+ 22 = 40 40
		• Guest Lecture	11/05/22	
		• Short term course	27/10/21	85
3.	Problem Solving Method	• Assignment	04/01/22 to 20/01/22, 18/05/22	288

4.	**ICT Methods used**	• List of PPT	12/12/21 to 04/03/22	48
		• You tube Lectures	22/09/21 to 04/03/22	48
		• Google Classroom	06/10/22 to 11/11/2022	48

Head of Department

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

K.J. SOMAIYA COLLEGE * Dept. of Zoology * KOPARGAON

Principal

Principal
K.J.Somaiya College
Kopargaon

Practical 2021-22

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Module III

CONTENTS

Sr.No.	Title of the Experiments	Date	Remark
	Pollution biology		
1)	Study of bioindicator of pollution	16/3/22	
2)	Study of eutropic ponds / lakes / rivers	21/3/22	Signature
3)	Visit to water filtration plant.	17/3/22	
4)	Analysis of pH and salinity from water soil sample.	18/4/22	
5)	Determination LC 50 / LD50 for insectic pollution mollusc scides etc.	19/4/22	Signature
6)	Estimation of calcium and magnesium in polluted water	24/3/22	
7)	Soil analysis for calcium carbonate	23/3/22	

Completed

K. J. SOMAIYA COLLEGE
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KOPARGAON

Mammalian Reproductive physiology

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
1)	Anatomy of male & female reproductive system rat/ mouse	05/03/22	Sign.
2)	Histological slides male reproductive system	22/03/22	
3)	Histological slides female reproductive system.	22/03/22	Sign.
4)	Study placental type		
5)	Study contraceptive device	16/03/22	
6)	visit to artificial insemi-nation centre and family planning centre.		

Completed 24/6/22

Project 2021-22

Kopargaon Taluka Education Society's

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE

Mohanirajnagar, Kopargaon-423601, Dist-Ahemadnagar.

Certificate

This Is To Certify That Miss. CHINE KAVERI MOHAN Student Of MSC(ZOOLOGY_II YEAR)Has A Completed Project Report On Preparation Of Project Report Of "Quantitative Analysis of concentration Of Ascorbic Acid (Vit-C)" submitted In Partial fulfillment of it he Degree of Master of Science as per the Syllabus of SAVITRIBAI PHULE PUNE UNIVERSITY For The Academic Year 2021-22

I Further Clarified That, The Work Has Been Carried Out Under My Guidance.

18/08/2022

Project Guide

Internal Examiner

Head
Department of Zoology
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

External Examiner

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. SOMAIYA COLLEGE OF ART'S, COMMERCE, & SCIENCE

MOHANIRAJNAGAR, KOPARGAON.

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that the project entitled, **"To Study the egg clutch size & embryo development of freshwater Pulmonate *Physa acuta*"** by **Mrs. Shraddha Rajendra Gaikwad** was carried out satisfactorily under the guidance of Mr. D.A.Rayate sir , Assistant professor , Department of Zoolgy , K.J. Somaiya College of Art's, Commerce & Science Mohanirajnagar, Kopargaon, during the Academic year of **2021-2022**

K.J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology

Date:

Place: Kopargaon

Dr R.D. Gawali
Head of Department

Head
Department of Zoology
K. J. Somaiya College, Kopargaon

Examiner

Mr. D.A.Rayate
Research Project Guide

CERTIFICATE

This is to Certify that the project entitled *"To study the Diversity of zooplankton from Derde korhale pond, with Respective Physico- Chemical parameter "* Submitted by miss. Prajakta Dilip Shinde was carried out satisfactorily under the guidance of Dr. R. D. Gawali sir Head of Department of zoology K. J. Somaiya College of Arts, Commerce and Science, Kopergaon, during the Academic year of 2021-2022.

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology

Date:

Place: Kopergaon

21/05/2022

Dr. R. D. Gawali

Project Guide

28/5/22

Examiner

21/05/2022

Dr. R. D. Gawali

Head

Department of Zoology

Head
Department of Zoology
K. J. Somaiya College, Kopargaon

Kopargoan Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, kopargoan

Departmental of Zoology

CERTIFICATE

This is to certify that Mr. MARKE YOGESH KAILAS from M.sc. II Zoology, has completed successfully the research project work entitled "prevalence of ectoparasites infestation in indigenous free ranging village chickens in different agro-ecological zones." under the guidance of Ms Chavhan S.S. in academic year 2021-22 in the partial fulfilment of the Master of Science in Zoology, K. J. Somaiya College of Arts, Commerce and Science, Kopargaon as per syllabus prescribed by the university of Pune, Pune.

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology

Ms. Chavhan S.S.

Project Guide.

For - Chavhan 28-05-22

Dr. R.D. Gawali

Head of Department

28/5/22

Head
Department of Zoology
K. J. Somaiya College, Kopargaon

28/5/22

Examiner

Place: Kopargaon

Date: 28/05/2022

Study Tour 2021-22

कोपरगांव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय

मोहनीराजनगर, कोपरगांव - ४२३६०१, जि. अहमदनगर (महाराष्ट्र)
सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न : आयडी नं. पी.यु./ए.एन./ए.एस.सी./०७(१९६४)
☎ : 9146152000, 9146142000, Email ID : kjscollege@rediffmail.com, Website : kjscollege.com

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सावित्रीबाई फुले पुणे विद्यापीठ "उत्कृष्ट महाविद्यालय" पुरस्कार प्राप्त

प्राचार्य - डॉ. बी. एस. यादव (एम.एस्सी.,पीएच.डी.) संस्थापक अध्यक्ष - के. के.वी. रोहमारे (मा.आमदार)

संदर्भ क्रमांक : 2037 / 2021-22 दि. 02/05/2022

प्रति,

मा.संचालक,
महाराष्ट्र राज्य गड व किल्ले संवर्धन विभाग,
मुरुड जंजीरा , ता. मुरुड, जि.रायगड.

विषय : सहलीमध्ये सहभागी विद्यार्थ्यांना प्रवेश करुन योग्य ती माहिती मिळणे बाबत...

महोदय,

आमच्या महाविद्यालयाच्या वरिष्ठ महाविद्यालयातील विज्ञान शाखेची शैक्षणिक वर्ष २०२१-२२ मधील शैक्षणिक सहल दिवेआगार, मुरुड जंजीरा या ठिकाणी दि. ०५ व ०६ मे २०२२ या दोन दिवशी येत आहे. या शैक्षणिक सहलीमध्ये ४१ + ३५ = ७६ विद्यार्थी-विद्यार्थीनी व ०८ स्टाफ सहभागी आहेत. तरी त्यांना योग्य ती माहिती देवून सहकार्य करावे.

कळावे,

आपला विश्वासू,

(डॉ. बी.एस. यादव)

Principal
K. J. Somaiya College of Arts Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON



प्रति,

मा. आगार व्यवस्थापक,
कोपरगाव आगार,
राज्य परिवहन महामंडळ,
कोपरगाव- ४२३ ६०१,
जि.अ.नगर.

विषय : महाविद्यालयाच्या शैक्षणिक सहलीस बस मिळणेबाबत.....

महोदय,

आपणास कळवू इच्छितो की, **गुरुवार दि. ०५ व शुक्रवार दि. ०६ मे २०२२** रोजी आमच्या महाविद्यालयाच्या विज्ञान शाखेतील बी.एस्सी. / एम.एस्सी. (प्राणीशास्त्र व गणित) विभागाची शैक्षणिक सहल **दिवेआगार, श्रीवर्धन, मुरुड जंजीरा** या प्रेक्षणीय स्थळांना भेट देण्यासाठी जाण्यास महाविद्यालयाकडून परवानगी देण्यात आलेली आहे. सहलीत एकुण ७६ विद्यार्थी व ०८ शिक्षक असे एकुण ८४ जण सहभागी होत आहेत. तरी आपल्या आगारातील चांगली व सुस्थितीत असलेली ०२ एस. टी. बस उपरोक्त दिवशी उपलब्ध करुन द्यावा ही विनंती.

कळावे,

आपला स्नेहांकित,

(डॉ. बी.एस. यादव)
Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE
Dept. of Zoology
KOPARGAON

प्रति,

मा.संचालक,
महाराष्ट्र राज्य गड व किल्ले संवर्धन विभाग,
मुरुड जंजीरा , ता. मुरुड, जि.रायगड.

विषय : सहलीमध्ये सहभागी विद्यार्थ्यांना प्रवेश करुन योग्य ती माहिती मिळणे बाबत...

महोदय,

आमच्या महाविद्यालयाच्या वरिष्ठ महाविद्यालयातील विज्ञान शाखेची शैक्षणिक वर्ष २०२१-२२ मधील शैक्षणिक सहल दिवेआगार, मुरुड जंजीरा या ठिकाणी दि. ०५ व ०६ मे २०२२ या दोन दिवशी येत आहे. या शैक्षणिक सहलीमध्ये ४१ + ३५ = ७६ विद्यार्थी-विद्यार्थीनी व ०८ स्टाफ सहभागी आहेत. तरी त्यांना योग्य ती माहिती देवून सहकार्य करावे.

कळावे,

आपला विश्वासू,

(डॉ. बी.एस. यादव)
Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept of Zoology ★ KOPARGAON

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Department of Zoology/Mathematics

Study Tour

(Kopargaon – Lonavala – Khandala – Diveagar – Murud – Janjira - Return)

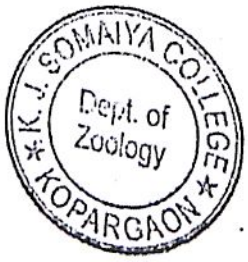
List of Students

(2021-22)

Sr. No.	Name of the Student	Contact Number	Gender	Class	Age
01	Mhalaskar Anita Vijay	9373890397	Female	T. Y. B. Sc	20
02	Dighe Minakshi Sambhaji	9766536421	Female	T. Y. B. Sc	20
03	Suryawanshi savita Dattatray	7028567176	Female	M.Sc. I	21
04	Bare Apeksha Rajendra	7447416638	Female	M.Sc. I	21
05	Usare Shital Dattu	9359993709	Female	M.Sc. I	21
06	Katkade Swapnali Baban	9623122533	Female	M.Sc. I	25
07	Bangaiya Revati Raju	9970656646	Female	M.Sc. I	21
08	Kadam Vrushali Kailas	7350606718	Female	M.Sc. I	21
09	Shinde Aashwini Suresh	9764532509	Female	M.Sc. I	22
10	More Jayshree Uttam	9511216311	Female	M.Sc. I	21
11	Anarthe Gauri Dilip	9325657433	Female	M.Sc. I	21
12	Warkar Savita Jayram	9422109102	Female	M.Sc. I	21
13	Mali Yash Dadasaheb	7499515450	Male	M.Sc. I	21
14	Shinde Bhavini Sudhakar	7498508028	Female	M.Sc. I	23
15	Dawange Aarti Dnyaneshwar	9579682382	Female	M.Sc. I	21
16	Wakchaure Riddhishwari Rajend	8329700529	Female	M.Sc. I	22
17	Petkar Akshay Shirish	7057165677	Male	M.Sc. II	22
18	Arane Ravindra Chandrakant	7057120687	Male	M.Sc. II	22
19	Lone Vaishali Ashok	7666086795	Female	M.Sc. II	23
20	Dongare Tejashree Dilip	7741057764	Female	M.Sc. II	23
21	Shinde Prajakta Dilip	8080618101	Female	M.Sc. II	22
22	Nikam Komal Vaijinath	8600674062	Female	M.Sc. II	22
23	Gaikawad Poonam Appasaheb	9309868986	Female	M.Sc. II	22
24	Jamdhade Sakshi Ramesh	9322120980	Female	M.Sc. II	22



25	Teke Mayuri Madhukar	9767886265	Female	M.Sc. II	22
26	Nikam Sachin Jagannath	8806514921	Male	M.Sc. II	24
27	Marke Yogesh Kailas	8378022923	Male	M.Sc. II	25
28	Jawale Sakshi Pandit	7498960917	Female	T.Y.B.Sc	20
29	Jawale Rutuja Rajaram	9529709527	Female	T.Y.B.Sc	20
30	Abhale Sampada Sunil	9021513921	Female	T.Y.B.Sc	20
31	Dahe Akshada Bapusaheb	8767857994	Female	T.Y.B.Sc	20
32	Gosavi Sakshi Popat	7498014132	Female	T.Y.B.Sc	20
33	Ghodake Pradnya Sakhahari	9322968517	Female	F.Y.B.Sc	20
34	Abhale Pooja Sunil	9309011253	Female	F.Y.B.Sc	18
35	Ghuge Pallavi Madan	9699644960	Female	M.Sc. II	18
36	Chaudhari Vivek Ramkrishna	7249543282	Male	M.Sc. II	22
37	Ugale Neha Devidas	9146577305	Female	M.Sc. II	22
38	Gaikwad Nikita Valmik	7666365455	Female	M.Sc. II	22
39	Ugale Yogita Rajendra	7666267637	Female	M.Sc. II	22
40	Adik Vaishnavi Kailas	8767888014	Female	M.Sc. I	21
41	Gavhale Shrutika Pandit	9370299825	Female	M.Sc. I	21
				M.Sc. I	21
	Teaching Staff:				
01	Dr. Ramdas Dada Gawali	9850125628	Male	Zoology	57
02	Dr. Babasaheb Dagdu Gavhane	9822844892	Male	Mathematics	50
03	Miss Aarti Sudhakar Paradhi	7083606670	Female	Mathematics	24
04	Miss Vrushali B. Petkar	9075876046	Female	Zoology	25
	Total = 45				



H.O.D.

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Department of Zoology
K. J. Somaiya College, Kopargaon

Principal

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Student Seminar 2021-22

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Seminar Topics Date : 11/05/2022

Class: M. Sc. II Subject: Pest Control

Sr.No	Student Name	Topic Name	Sign
1.	Lone Vaishali A.	Autocidal control- Chemosterillants and radiations for sterillants	Vaishali
2.	Petkar Akshay S.	Male Sterile Theory	Petkar
3.	Wable Akshay M.	Hormones And Pheromones	Akshay
4.	Arane Ravindra C.	Attractants	
5.	Marke Yogesh K.	Repellants	Marke
6.	Singar Pooja M.	IPM- Introduction	Pooja
7.	Jadhav Yogesh T.	IPM- Principals	Jadhav
8.	Rahane Shital S.	IPM- Applications	Shital
9.	Gaikwad Poonam A.	Non Insect Pest- Rat	Poonam
10.	Dongare Tejashree D.	Non Insect Pest- Bandicoots	Dongare
11.	Chine Kaveri M.	Non Insect Pest- Crabs	Kaveri
12.	Nikam Komal V.	Non Insect Pest- Snails	Nikam
13.	Darekar Sapna D.	Non Insect Pest- Slugs	
14.	Shinde Prajakta D.	Non Insect Pest- Birds	Shinde
15	Jamdhade Sakshi R.	Non Insect Pest- Squirrels	Sakshi
16.	Shinde Priti B.	Sprayers	Shinde
17.	Gujar Pallavi S.	Dusters	Gujar
18.	Gaikwad Shraddha R.	Hazards of Pesticides	Shraddha
19.	Tambe Komal S.	Antidotes	Tambe
20.	Teke Mayuri M.	Biological control Measures	Mayuri
21.	Nikam Sachin J.	Chemical control Measures	
22.	Deshmukh Priyanka B.	Physical control Measures	Deshmukh

Subject Teacher.

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Department of Zoology

Seminar Topics: M. Sc. I

Subject: ZOUT-111 Biochemical technique.

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology

Sr.No	Student Name	Topics	Sign
1.	Katkade Swapnali B.	Principle of chromatography	
2.	Jamdar Nikita K.		—
3.	Warkar Savita J.	Properties of Radioactive isotopes	
4.	Anarthe Gauri D.	Isotopic dilution analysis (Radioactivity)	
5.	Singar Vaishnavi R.	Principle of Spectroscopy	
6.	Shinde Bhavani S.	Function of spectroscopy	
7.	Mali Yash D.	commonly used isotopes (radioactivity)	
8.	More Jayashri U.	Structure & working of G.M. counter	
9.	Usare Shital D.	Biologically Used in isotopes	
10.	Kadam Priyanka G.	Electrophoresis	
11.	Kadam Vrushali K.	Agarose gel electrophoresis	
12.	Kardile Amol K.	PAGE Electrophoresis	
13.	Shinde Vaishnavi B.	—	
14.	Deokar Jayashri D.	—	—
15.	Bare Apeksha R.	Radition Hazards	
16.	Suryawanshi Savita D.	Applications of centrifugation	
17.	Singar Vaishnavi D.	Applications of chromatography	
18.	Shaikh Rozmin k.	—	—
19.	Velis Urvashi S.	—	—
20.	Kamdalkar Swati T.	—	—
21.	Bangaiyya Revti R.	Different Centrifugation	
22.	Wakchaure Riddheshwari R.	Principle of centrifugation	
23.	Shinde Ashwini S.	Gas chromatography	

24.	Bargal Swati S.	Isoelectric focusing	Swati
25.	Dawange Arti D.	MALDI TOF NMR	

Miss- Chavan S.S.

Subject Teacher.

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology

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Department of Zoology

Seminar Topics: M. Sc. I (2021-2022) Subject: Freshwater Zoology

Roll No	Student Name	Topics	Sign
1.	Sonawane Rutika R.	Minor Phyla - Grast. otricha	
2.	Katkade Swapnali B.	Bryozoa	
3.	Jamdar Nikita K.	Tardigrata	
4.	Warkar Savita J.	Diversity of vertebrates in the fresh water bodies	
5.	Anarthe Gauri D.	Distribution of vertebrates in the fresh water bodies	
6.	Singar Vaishnavi R.	Lotic habitat	
7.	Shinde Bhavani S.	Osmotic and Ionic	
8.	Mali Yash D.	Lentic habitat	
9.	More Jayashri U.	Respiratory Adaptat ms	
10.	Usare Shital D.	Reproductive adapta on	
11.	Kadam Priyanka G.	Life cycle of freshw er fauna	
12.	Kadam Vrushali K.	Mechanical Adaptat ns	
13.	Kardile Amol K.	Locomotary Adapta ons	
14.	Shinde Vaishnavi B.	Sensory Adaptations	
15.	Deokar Jayashri D.	Waste and Pollution	
17.	Bare Apeksha R.	Sewage and Silage	
18.	Suryawanshi Savita D.	Mining Waste	
19.	Singar Vaishnavi D.	Agricultural chemic s	
20.	Shaikh Rozmin k.	Industrial outflow a l invagination	
21.	Velis Urvashi S.	Eutrophication caus	
22.	Kamdalkar Swati T.	Eutrophication prob ms	
23.	Bangaiyya Revti R.	Diversity of crustac n	
24.	Wakchaure Riddheshwari R.	Economic importan of Crustaceans	
25.	Shinde Ashwini S.	Diversity of Mollus	

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26.	Bargal Swati S.	Economic importance of Mollusca	Swati
27.	Dawange Arti D.	Phylum: Rotifera	Arti

Subject Teacher.

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Department of Zoology

Class: M. Sc. II **Subject: Pest Control**

Sr.No	Student Name	Assignment No. 1	Assignment No. 2
1.	Lone Vaishali A.	Vaishali	Vaishali
2.	Petkar Akshay S.	Petkar.	Petkar.
3.	Wable Akshay M.		Akshay
4.	Arane Ravindra C.		
5.	Marke Yogesh K.		Yogesh
6.	Singar Pooja M.	Pooja	Pooja
7.	Jadhav Yogesh T.	Jadhav	Jadhav.
8.	Rahane Shital S.	Rahane	Rahane
9.	Gaikwad Poonam A.	Gaikwad	Gaikwad.
10.	Dongare Tejashree D.	Dongare	Dongare
11.	Chine Kaveri M.	Kaveri	Kaveri
12.	Nikam Komal V.	Nikam	Nikam
13.	Darekar Sapna D.		Sapna
14.	Shinde Prajakta D.	Shinde	Shinde
15	Jamdhade Sakshi R.	Sakshi	Sakshi
16.	Shinde Priti B.	Shinde.	Shinde.
17.	Gujar Pallavi S.	Gujar P.S	Gujar
18.	Gaikwad Shraddha R.	Shraddha	Shraddha
19.	Tambe Komal S.	Tambe.	Tambe.
20.	Teke Mayuri M.	Mayuri	Mayuri
21.	Nikam Sachin J.		
22.	Deshmukh Priyanka B.	Deshmukh	Deshmukh.

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Department of Zoology

Seminar Topics [2021-22]

Class: M. Sc. II **Subject: Aquaculture**

Sr. No	Student Name	Topic Name	Sign	
1.	Lone Vaishali A.	Monoculture	Vaishali	Completed
2.	Petkar Akshay S.	Composite culture	Petkar	Completed
3.	Wable Akshay M.	Fish Preservation Techniques	Akshay	completed
4.	Arane Ravindra C.	Fish By-products		Completed
5.	Marke Yogesh K.	Bacterial Diseases of fish		complete
6.	Singar Pooja M.	Fungal Diseases of fish	Pooja	complete
7.	Jadhav Yogesh T.	Protozoans diseases of fishes	Jadhav	complete
8.	Rahane Shital S.	Worm Diseases of fish		Complete
9.	Gaikwad Poonam A.	Seed procurement from natural resources	Gaikwad	complete
10.	Dongare Tejashree D.	Breeding and larval rearing		complete
11.	Chine Kaveri M.	Management of cultural pond		completed
12.	Nikam Komal V.	Harvesting and Marketing of Pearls	Nikam	complete
13.	Darekar Sapna D.	Composition and Quality of pearl		complete
14.	Shinde Prajakta D.	Collection of Oysters		complete
15	Jamdhade Sakshi R.	Rearing of Oysters	Sakshi	complete
16.	Shinde Priti B.	Insertion of nucleus	Shinde	complete
17.	Gujar Pallavi S.	Pearl formation	Gujar	complete
18.	Gaikwad Shraddha R.	Harvesting of Pearls		Completed
19.	Tambe Komal S.	system	Tambe	Complete
20.	Teke Mayuri M.	Use of ICT in Fishes		Completed
21.	Nikam Sachin J.	Culture of Indian major carp		completed
22.	Deshmukh Priyanka B.	Culture of catfishes	Deshmukh	completed

Subject Teacher

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Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Zoology [2021 - 22]
Seminar Topics Date - 11/05/2022

Class: M. Sc. II **Subject: Pest Control**

Sr.No	Student Name	Topic Name	Sign	
1.	Lone Vaishali A.	Autocidal control- Chemosterillants and radiations for sterillants	Vaishali	C
2.	Petkar Akshay S.	Male Sterile Theory	Petkar.	C
3.	Wable Akshay M.	Hormones And Pheromones	Akshay	C
4.	Arane Ravindra C.	Attractants		C
5.	Marke Yogesh K.	Repellants	Marke	C
6.	Singar Pooja M.	IPM- Introduction	Pooja	C
7.	Jadhav Yogesh T.	IPM- Principals	Jadhav.	C
8.	Rahane Shital S.	IPM- Applications		C
9.	Gaikwad Poonam A.	Non Insect Pest- Rat	Paikad.	C
10.	Dongare Tejashree D.	Non Insect Pest- Bandicoots	Dongaree	C
11.	Chine Kaveri M.	Non Insect Pest- Crabs		C
12.	Nikam Komal V.	Non Insect Pest- Snails	Nikam.	C
13.	Darekar Sapna D.	Non Insect Pest- Slugs		C
14.	Shinde Prajakta D.	Non Insect Pest- Birds	Shinde	C
15	Jamdhade Sakshi R.	Non Insect Pest- Squirrels	Sakshi	C
16.	Shinde Priti B.	Sprayers	PBShinde.	C
17.	Gujar Pallavi S.	Dusters	Gujars	I
18.	Gaikwad Shraddha R.	Hazards of Pesticides		C
19.	Tambe Komal S.	Antidotes	KS Tambe.	C
20.	Teke Mayuri M.	Biological control Measures		C
21.	Nikam Sachin J.	Chemical control Measures		C
22.	Deshmukh Priyanka B.	Physical control Measures		C

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Field Visit 2021-22 (Industrial Visit)

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science
Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com
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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

Ref. No. : 1742/2021-22 Date : 7 /12 /2021

To,

The Managing Director,
Ashwamedh Agrotech Systems, Private Limited,
M. I. D. C., Kopargaon,
District: Ahmednagar.

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

Sub.:- Regarding the permission for one day Industrial visit.

Respected Sir,

As per syllabus requirement, our Department of Zoology is organizing study visit to Industrial Area to study the information about Agrotech Industries and Biopesticides at your Factory on 08th January 2022. About 10 students of T. Y. B. Sc Zoology and 02 teachers are participating in this visit.

So, please give the permission for the same.

Yours faithfully,

(Dr. B. S. Yadav)

Principal
K.J.Somaiya College of Arts
Commerce & Science,Kopargaon

ASHWAMEDH AGRITECH & FARM SOLUTION SYSTEMS

K.J.S.COLLEGE EST. 1984 KOPARGAON

O/C

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Zoology

Ashwamedh Medi... 12:15 pm
to me

From	Ashwamedh Medicare • ashwamedhmedicare@gmail.com
To	Dr. R. D. Gawali • rdgawali@gmail.com
Date	9 Jan 2022, 12:15 pm
	Standard encryption (TLS). See security details

Dear Dr R.D Gawali,
Her by confirming date of visit by ११ January morning १०.३०am .
Thanks with regards

Dr. Dnyaneshwar Waghchoure
M. Sc. Ph. D, FGSBAS, FISST
Chairman and Managing Director
Ashwamedh Medicare Pvt. Ltd.
www.ashwamedhmedicare.com
www.ashwamedhmart.com

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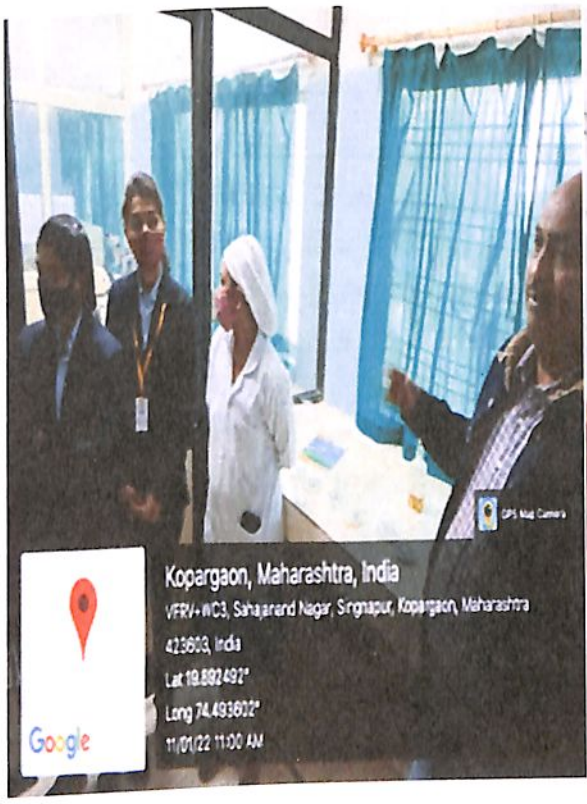

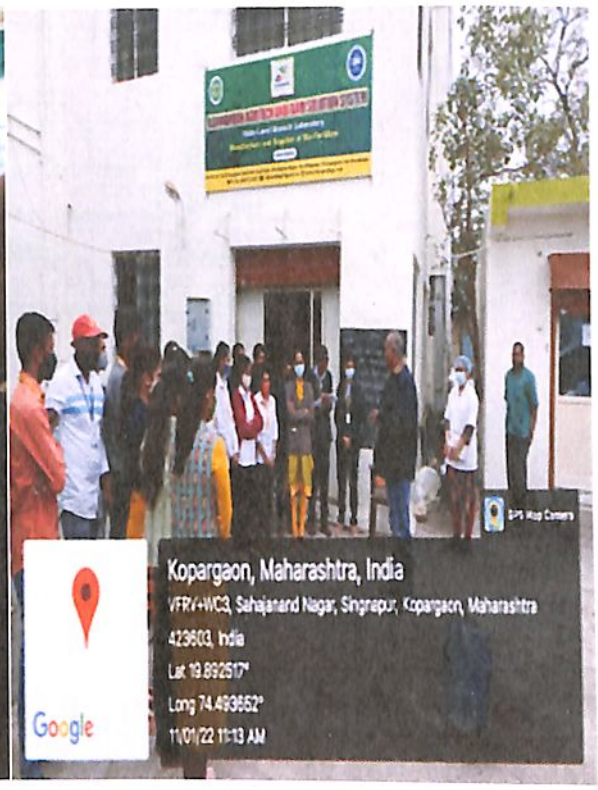

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Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts Commerce & Science Kopargaon, Dist. Ahmednagar

Department of Zoology

Industrial Visit to Ashwamedh Agrotech Systems, Pvt. Ltd., Kopargaon

List of Students

Sr. No.	Name in full	Signature
1	Aher kaustubh Ganesh.	Aher.
2	Bhalaskar Anita Vijay	Anita
3	Baktate Pratiksha Nandkumar	Baktate
4	Nikam Komal Vaijinath	Nikam
5	Chine kaveri Mohan	Chine
6	Gaikwad Shraddha Rajendra	Gaikwad
7	Wakkar savita Jayram	Jayram
8	Tambe Komal sham	Tambe.
9	Teke Mayuri Madhukar	Mayuri
10	Gujar Pallavi Shivaji	Gujar
11	Shinde Ashwini suresh	Ashwini
12	Ancarthe Gauri Dilip	Ancarthe
13	More Jayashri Uttam.	Jmore.
14	Singar Vaishnavi Dattatray	Singar.
15	Usare Shital Dattu	Shital
16	Thot Vaishnavi Arjun	Vaishnavi.
17	Mali Yash Dadasahe	Yash
18	Rahane shital sanjay	Shital
19	Jighe Minakshi Sambhaji	MSighe
20	Tupdale Aaditya Ganesh	Aj.
21	Jadhav Yogesh Tulshiram	Jadhav.
22		
23		
24		
25		

Principal
K.J.Somaiya College
Kopargaon

Study Visit 2021-22 (SJS Hospital)

कोपरगांव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय

मोहनीराजनगर, कोपरगांव - ४२३६०१, जि. अहमदनगर (महाराष्ट्र)
सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न : आयडी नं. पी.यु./ए.एन./ए.एस.सी./०७(१९६४)
☎ : 9146152000, 9146142000, Email ID : kjscollege@rediffmail.com, Website : kjscollege.com

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प्राचार्य - डॉ. बी. एस. यादव (एम.एस्सी.,पीएच.डी.) | संस्थापक अध्यक्ष - कै. के.बी. रोहमारे (मा.आमदार)

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

संदर्भ क्रमांक : ४०/७९७०/२०२१-२२ दि. २४/ ०३ /२०२२

प्रति,
मा. प्रसाद कातकडे
सचिव,
संत जनार्दन स्वामी हॉस्पिटल
कोकमठाण ता. कोपरगाव.

विषय :- आपल्या हॉस्पिटला विद्यार्थ्यांची शैक्षणिक भेट देणेबाबत . . .

महोदय,

आमचे के. जे. सोमैया वरिष्ठ महाविद्यालयातील प्राणीशास्त्र विभागातील विद्यार्थ्यांस प्रात्यक्षिकामध्ये फिल्ड व्हिजीट हा अभ्यासक्रमाचा भाग आहे. तरी आमचे महाविद्यालयातील २२ विद्यार्थ्यांस व शिक्षकांस दि. १५/०३/२०२२ रोजी आपल्या संत जनार्दन स्वामी हॉस्पिटलला भेट देण्याची परवानगी मिळावी हि नम्र विनंती.

कळावे.

आपला विश्वासू,

(डॉ. बी.एस. यादव)
प्राचार्य
के. जे. सोमैया कला, वाणिज्य
व विज्ञान महाविद्यालय, कोपरगांव

Shri Janardhan Swami Hospital
Kokamthan. Tal. Kopargaon.
Dist. A'Nagar

Study Visit 2021-22(Water Filtration Plant)

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

कोपरगांव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय

मोहनीराजनगर, कोपरगांव - ४२३६०१, जि. अहमदनगर (महाराष्ट्र)
सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न : आयडी नं. पी.यु./ए.एन./ए.एस.सी./०७(१९६४)
☎ : 9146152000, 9146142000, Email ID : kjscollege@rediffmail.com, Website : kjscollege.com
NAAC ACCREDITED 'A' GRADE | AN ISO 9001-2015 CERTIFIED INSTITUTE
सावित्रीबाई फुले पुणे विद्यापीठ "उत्कृष्ट महाविद्यालय" पुरस्कार प्राप्त

प्राचार्य - डॉ. बी. एस. यादव (एम.एस्सी.,पीएच.डी.) | संस्थापक अध्यक्ष - कै. के.बी. रोहमारे (मा.आमदार)

संदर्भ क्रमांक : ९०/१९०७/२०२१-२२ दि. १०/०३/२०२२

प्रति,
मा. मुख्याधिकारी सो.
कोपरगाव नगरपरिषद
कोपरगाव.

विषय :- कोपरगाव जल शुद्धीकरण केंद्रास भेट देणेबाबत . . .

महोदय,

आमचे के. जे. सोमैया वरिष्ठ महाविद्यालयातील प्राणीशास्त्र विभागातील विद्यार्थ्यांस प्रात्यक्षिकामध्ये फिल्ड व्हिजीट हा अभ्यासक्रमाचा भाग आहे. तरी आमचे महाविद्यालयातील २२ विद्यार्थ्यांस व शिक्षकांस आपल्या कोपरगाव तालुका नगरपरिषदेच्या जल शुद्धीकरण केंद्रास दि. १५/०३/२०२२ रोजी भेट द्यावयाची आहे. तरी आम्हास परवानगी मिळावी हि नम्र विनंती.

कळावे.

कोपरगांव नगरपरिषद, कोपरगांव अर्ज प्राप्त दिनांक 11 MAR 2022 आवक जावक विभाग

आपला विश्वासू,

(डॉ. बी.एस. यादव)
प्राचार्य
के. जे. सोमैया कला, वाणिज्य
व विज्ञान महाविद्यालय, कोपरगांव



K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE & SCIENCE KOPARGAON Dept. of Zoology

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon.

Study Visit 2021-22 (SJS Hospital)

कोपरगांव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय

मोहनीराजनगर, कोपरगांव - ४२३६०१, जि. अहमदनगर (महाराष्ट्र)

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सावित्रीबाई फुले पुणे विद्यापीठ "उत्कृष्ठ महाविद्यालय" पुरस्कार प्राप्त

प्राचार्य - डॉ. बी. एस. यादव (एम.एस्सी.,पीएच.डी.) संस्थापक अध्यक्ष - कै. के.बी. रोहमारे (मा.आमदार)

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

संदर्भ क्रमांक : ३०/१९१०/२०२१-२२ दि. १४/ ०३ /२०२२

प्रति,
मा. प्रसाद कातकडे
सचिव,
संत जनार्दन स्वामी हॉस्पिटल
कोकमठाण ता. कोपरगाव.

विषय :- आपल्या हॉस्पिटला विद्यार्थ्यांची शैक्षणिक भेट देणेबाबत . . .

महोदय,

आमचे के. जे. सोमैया वरिष्ठ महाविद्यालयातील प्राणीशास्त्र विभागातील विद्यार्थ्यांस प्रात्यक्षिकामध्ये फिल्ड व्हिजीट हा अभ्यासक्रमाचा भाग आहे. तरी आमचे महाविद्यालयातील २२ विद्यार्थ्यांस व शिक्षकांस दि. १५/०३/२०२२ रोजी आपल्या संत जनार्दन स्वामी हॉस्पिटलला भेट देण्याची परवानगी मिळावी हि नम्र विनंती.

कळावे.

आपला विश्वासू,

(डॉ. बी.एस. यादव)
प्राचार्य
के. जे. सोमैया कला, वाणिज्य
व विज्ञान महाविद्यालय, कोपरगांव

Shri Janardhan Swami Hospital
Kokamthan. Tal. Kopargaon.
Dist. A'Nagar











Visit to family planning centre at Shri Sant Janardhan Swami Maharaj Hospital, Kokamthan Tal. Koparagaon.

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2021-22

Subject: Animal Physiology II **Date:** 29/04/2022

All the Students of **M.Sc II** Zoology are here by informed that group discussion activity will be conducted on **08/05/22** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Receptor types	Alpha	1,2,3,4,5
2	Receptor Potential	Beta	6,7,8,9,10
3	Receptor Adaptation	Gamma	11,12,13,14,15,16
4	Saltatory Conduction	Delta	17,18,19,20,21,22

29-04-2022

Subject Teacher
Mr. Asane H.N.

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

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Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2021-22

Subject: Animal Physiology II **Date:** 08/05/22

Sr.no.	Topic Name	Group	Roll No.	Student name	Signature
1	Artificial Insemination	Alpha	1	Lone Vaishali A	Vaishali
			2	Petkar Akshay S	Akshay
			3	Wabale Akshay M	W. Akshay
			4	Arne Ravindra C	Ravindra.
			5	Markc Yogesh K	Yogesh. M
2	In vitro fertilization	Beta	6	Singer Pooja M	singer.
			7	Jadhav Yogesh T	Yogesh
			8	Rahane Shital S	Shital S.
			9	Gaikwad Poonam A	Poonam
			10	Dongare Tejashree D	Tejashree
3	Induced breeding	Gamma	11	Chine Kaveri M	chine kaveri
			12	Nikam Komal V	Koman.
			13	Darekar Sapna D	SapnaD.
			14	Shinde Prajakta D	Shinde.
			15	Jamdade Sakshi R	Jamdade S
			16	Shinde Priti B	ShindP.
4	Methods of contraception	Delta	17	Gujar Pallavi S	Gujar S.
			18	Gaikwad Shraddha R	Gaikwad S.
			19	Tambe Komal S	Tambe K
			20	Teke mayuri M	Teke. M.

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

			21	Nikam Sachin J	
			22	Deshmukh Priyanka B	P Deshmukh

08-05-2022

Subject Teacher
(Mr. Asane H.N.)

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Zoology

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2021-22

Subject: Cell Biology **Date:** 03/02/2022

All the Students of **M.Sc I** Zoology are here by informed that group discussion activity will be conducted on **11/02/22** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Plasma membrane	Alpha	1,2,3,4,5,6
2	Cytoskeleton	Beta	7,8,9,10, 11,12,
3	Mitochondria	Gamma	13,14,15,16,17,18

03-02-2022.

Subject Teacher
[Mr. Asane H.N.)

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2021-22

Subject: Cell Biology

Date: 11/2/22

Sr.no.	Topic Name	Group	Roll No.	Student name	Signature
1	Plasma membrane	Alpha	1	Anarthe Gauri	
			2	Bangaiyya Revati	
			3	Bare Apeksha	
			4	Bargal Swati	
			5	Chine Shital	
			6	Dawange Artri	
2	Cytoskeleton	Beta	7	Gite Pooja	
			8	Jamdar Nikita	
			9	Kadam Vrushali	
			10	Kardile Amol	
			11	Katkade Swapnali	
			12	More Jayshri	
3	Mitochondria	Gamma	13	Shinde Bhavini	
			14	Suryawanshi savita	
			15	Usare Shital	
			16	Wakchoure Riddhishwari	
			17	Warkar Savita	
			18	Shinde Bhavini	

11/02/2022

Subject Teacher

(Mr. Asane H.N.)

HOD

Head

Department of Zoology

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2021-22

Subject: Mammalian Reproductive Physiology **Date:** 03/02/2022

All the Students of **M.Sc II** Zoology are here by informed that group discussion activity will be conducted on **07/02/22** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Artificial Insemination	Alpha	1,2,3,4,5
2	In vitro fertilization	Beta	6,7,8,9,10
3	Induced breeding	Gamma	11,12,13,14,15,16
4	Methods of contraception	Delta	17,18,19,20,21,22

Approved
03-02-2022
Subject Teacher
(Mr. Mokal S.S.)

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2021-22

Subject: Mammalian Reproductive Physiology **Date:** 07/02/22

Sr.no.	Topic Name	Group	Roll No.	Student name	Signature
1	Artificial Insemination	Alpha	1	Lone Vaishali A	Vaishali.
			2	Petkar Akshay S	Akshay
			3	Wabale Akshay M	A
			4	Arne Ravindra C	Ravi Arne.
			5	Marke Yogesh K	Yogesh.M
2	In vitro fertilization	Beta	6	Singer Pooja M	singer.
			7	Jadhav Yogesh T	Yogesh
			8	Rahane Shital S	Shital J.
			9	Gaikwad Poonam A	Poonam
			10	Dongare Tejashree D	Tejashree
3	Induced breeding	Gamma	11	Chine Kaveri M	chine. kaveri
			12	Nikam Komal V	Roman
			13	Darekar Sapna D	Sapna D.
			14	Shinde Prajakta D	Shinde
			15	Jamdade Sakshi R	Jamdade S.
			16	Shinde Priti B	Shinde
4	Methods of contraception	Delta	17	Gujar Pallavi S	Gujar S.
			18	Gaikwad Shraddha R	Gaikwad S
			19	Tambe Komal S	Tambe
			20	Teke mayuri M	Teke. M

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

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			21	Nikam Sachin J	Nikams.
			22	Deshmukh Priyanka B	Pdeshmukh

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Mokal
07-02-2022
Subject Teacher
(Mr. Mokal S.S.)

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2021-22

Subject: Molecular Biology **Date:** 29/04/2022

All the Students of **M.Sc I** Zoology are here by informed that group discussion activity will be conducted on **03/05/22** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Replication	Alpha	1,2,3,4,5,6
2	Transcription	Beta	7,8,9,10,11,12
3	Translation	Gamma	13,14,15,16,17,18

Subject Teacher
chavan.SS

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2021-22

Subject: Molecular Biology **Date:** 03/05/22

Sr.no.	Topic Name	Group	Roll No.	Student name	Signature
1	Replication	Alpha	1	Anarthe Gauri	
			2	Bangaiyya Revati	
			3	Bare Apeksha	
			4	Bargal Swati	
			5	Chine Shital	
			6	Dawange Artri	
2	Transcription	Beta	7	Gite Pooja	
			8	Jamdar Nikita	
			9	Kadam Vrushali	
			10	Kardile Amol	
			11	Katkade Swapnali	
			12	More Jayshri	
3	Translation	Gamma	13	Shinde Bhavini	
			14	Suryawanshi savita	
			15	Usare Shital	
			16	Wakchoure Riddhishwari	
			17	Warkar Savita	
			18	Shinde Bhavini	

Subject Teacher

Chavan. S. S.

HOD

Head

Department of Zoology

K. J. Somaiya College of Arts,

Commerce & Science, Kopargaon

Department of Zoology

Certificate Course: Vermiculture and Vermicomposting (2021-22)

Admission Notice

कोपरगाव तालुका एज्युकेशन सोसायटीचे
के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय,
मोहनीराजनगर, कोपरगांव - ४२३६०१, जि. अहमदनगर (महाराष्ट्र)
सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न : आयडी नं. पी.यु./ए.एन./ए.एस.सी./०७(१९६४)
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प्राचार्य - डॉ. बी. एस. यादव (एम.एस्सी.,पीएच.डी.) संस्थापक अध्यक्ष - कै. के.बी. रोहमारे (मा.आमदार)

संदर्भ क्रमांक :

दि. 27/10/2021

सूचना

गांडुळ खत प्रशिक्षण कोर्स (२०२१-२२)

आपल्या महाविद्यालयामध्ये गांडुळ खत प्रशिक्षण कोर्स (Vermiculture & Vermicomposting) प्राणी शास्त्र विभागाने सुरु केलेला आहे.

या कोर्ससाठी शै.पात्रता एस.वाय.बी.ए. / बी.कॉम. / बी.एस्सी. / बी.सी.ए. / बी.सी.एस. ही आहे. सदर कोर्स २ महिने कालावधीचा आहे. सदर कोर्स करिता प्रवेश फी + परीक्षा फी रु.१००/- असून प्रवेश अर्ज लवकरात लवकर भरावा. सदर प्रशिक्षण कोर्सचे प्रवेश फॉर्म प्राणीशास्त्र विभागाकडे उपलब्ध आहे. हा कोर्स दि.१ जानेवारी, २०२२ पासुन सुरु होईल. तरी पात्र विद्यार्थ्यांनी लवकरात लवकर प्रवेश घ्यावा.

अधीक माहितीसाठी विद्यार्थ्यांनी प्राणीशास्त्र विभाग प्रमुख डॉ.आर.डी. गवळी व प्रा. रायते डी.ए. यांच्याशी संपर्क साधावा.

27/10/21

(प्रा.डॉ. आर.डी. गवळी)
समन्वयक,
प्राणीशास्त्र विभाग

Head
Department of Zoology
K. J. Somaiya College, Kopargaon

(डॉ. बी.एस. यादव)
प्राचार्य
के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगांव

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Letter to IQAC for seeking permission for the Certificate Course

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopargaon

Subject: Regarding the permission for starting new certificate course / Organize Seminar / Conference/ Webinar/ Departmental Activity in our department...

Respected Sir,

The Department of **Zoology desires to start/organize a certificate course** / Organize Seminar / Conference/ Webinar / Departmental Activity in **'Vermiculture and Vermicomposting'** for developing the skills and enhancing the employability of our students.

Name of the Activity	**Certificate Course in 'Vermiculture and Vermicomposting'**
Proposed Date and Time	**01/04/2022 to 31/05/2022**
Venue	**Department of Zoology**
Name of the Resource Person / Coordinator of the Course	**Dr. R. D. Gawali.**

The said course / seminar / conference/ webinar / activity will be of **Two Months** and the fees for the course/ Conference / Seminar/ Webinar / activity will be Rs. 100/- which is to be paid at cash counter of the college. At the end of the course/ Seminar/ Conference/ Webinar / activity of our department will issue the certificates to the successful student/ participants.

Kindly give the permission and thank you and look forward for kind cooperation.

15/02/2021

Yours sincerely,
Head
Department of Zoology
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Allowed

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Permission Letter from IQAC for Organizing Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Zoology

To,
Head,
Department of Zoology,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing 'Certificate Course in 'Vermiculture and Vermicomposting' in the Department of Zoology.

Dear Sir,

As per your letter dated **15th February 2021,** IQAC grants the permission for following activity:

Name of the Activity	**Certificate Course in 'Vermiculture and Vermicomposting'**
Proposed Date and Time	**01/04/2022 to 31/05/2022**
Venue	**Department of Zoology**
Name of the Resource Person	**Dr. R. D. Gawali.**

You are requested to complete the documentation and submit it to IQAC after programme within five working days.

Wish you all the best for programme.

Thank you.

Yours Sincerely,
Coordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Guest Lecture 2021-22

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

Ref. No. : 35/2050/2021-22 Date : 10/05/2022.

To,

Dr. Ajay Madhukar Vibhandik
Asst. Professor, Dept. of Zoology
Swami Muktanand College of Science,
Yeola, Dist. Nashik.

Sub.: Invitation as a guest and resource person, under faculty exchange program.

Sir,

I am very happy to inform you that the Dept. Of Zoology, K. J. Somaiya College, Kopargaon organizing lectures series on 11th May 2022. It is our pride privilege to invite you as a resource person for the said function.

We kindly request you to give your precious time to student and staff. Your valuable presence and lecture will definitely prove useful to the teachers and students of College.

I hope that you will consider our request to spare one day for our teachers and students.

Thank you,

Yours faithfully,

(Dr. B. S. Yadav)

Principal
K.J.Somaiya College
Kopargaon

M.Sc. II (2021-22) 11/05/2022

No.	Name of Student	Roll No.	Sign
1.	Jadhav Yogesh Tulshiram	07	Jadhav
2	Darekar Sapana Dnyaneshwar	13	
3	singar Pooja Madhukar	06	Pooja
4	Lone Vaishali Ashok	01	Vaishali
5.	Gaikwad Shraddha Rajendra	18	
6.	Dongare Tejashri Dilip	10	Dongare
7.	Teke Mayuri Madhukar	20	Mayuri
8.	Deshmukh priyanka Bhausaheb	22	Deshmukh.
9)	Petkar Akshay Suresh.	02	Petkar.
10)	Gujar Pallavi Shivaji	17	Gujarpp.
11)	Tambe komal sham	19	Tambe.
12)	Arane Ravindra. C.	04	
13)	shinde Priti Bhausaheb	16	Shinde.
14)	Jamdhade sakshi Ramesh	15	Sakshi
15)	Gaikwad Pooram Appasaheb	09	Gaikwad.
16)	Prajakta Dilip Shinde	14	Shinde
17)	Nikam komal Vaijinath	12	Nikam
18)	marke Yogesh kailas	05	Yogesh.
19)	Nikam sachin jagannath	21	
20)	Rahane shital sanjay	08	
21)	Chine karvei mohan	11	

11/05/2022

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Zoology

Photographs of the Activity:



अहमदनगर सिटी 12-05-2022

फॅकल्टी डेव्हलपमेंट प्रोग्रॅम अंतर्गत सोमय्या महाविद्यालयात व्याख्यान

कोपरगाव | स्थानिक के. जे. सोमय्या कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव आणि स्वामी मुक्तानंद विज्ञान महाविद्यालय, येवला यांच्या संयुक्त विद्यमाने फॅकल्टी डेव्हलपमेंट प्रोग्रॅम अंतर्गत अप्लाइड अस्पेक्ट्स ऑफ डेव्हलपमेंटल बायलॉजी या विषयावर सोमय्या महाविद्यालयात प्रा. डॉ. अजय विभांडीक यांचे अभ्यासपूर्ण व्याख्यान झाले. पृथ्वीवर अमिबापासून ते आजच्या अतिविकसित मानवापर्यंतची वाटचाल व त्यांचा विकास क्रमाक्रमाने कसा होत गेला, सजीवांची निर्मिती व उत्क्रांती कशी झाली याचे सखोल व संविधानिक विश्लेषण डॉ. विभांडीक यांनी केले. यावेळी त्यांनी अनेक उदाहरणे देखील दिली. व्याख्यानापूर्वी डॉ. अजय विभांडीक यांचा प्राचार्य डॉ. बी. एस. यादव यांच्या हस्ते सत्कार करण्यात आला.



आपलं गावनगर

QUICK न्यूज

सोमय्या महाविद्यालयात मार्गदर्शनपर व्याख्यान

कोपरगाव । येथील के. जे. सोमय्या महाविद्यालय आणि स्वामी मुक्तानंद विज्ञान महाविद्यालय यांच्या संयुक्त विद्यमाने फॅकल्टी डेव्हलपमेंट प्रोग्रॅम अंतर्गत "अप्लाइड अस्पेक्ट्स ऑफ डेव्हलपमेंटल बायलॉजी" विषयावर प्राध्यापक डॉ. अजय विभांडीक यांचे व्याख्यान झाले. पृथ्वीवर अमिबापासून ते आजच्या अतिविकसित मानवापर्यंतची वाटचाल व त्यांचा विकास क्रमाक्रमाने कसा होत गेला, सजिवांची निर्मिती व उत्क्रांती कशी झाली, याचे सखोल व संविधानिक विश्लेषण डॉ. विभांडीक यांनी केले. यावेळी त्यांनी अनेक उदाहरणेदेखील दिली. व्याख्यानापूर्वी डॉ. अजय विभांडीक यांचा प्राचार्य डॉ. बी. एस. यादव यांच्या हस्ते सत्कार करण्यात आला. प्रास्ताविक प्राणीशास्त्र विभागप्रमुख डॉ. आर. डी. गवळी यांनी केले. प्राध्यापक सुवाली पेटकर यांनी आभार मानले. व्याख्यानाला बी.एस.सी व एम.एससी प्राणिशास्त्र भाग एक व दोनचे विद्यार्थी उपस्थित होते. तसेच, प्रा. हेमंत असने, प्रा. संकेत सोकळ, प्रा. सुवर्णा चव्हाण कार्यक्रम यशस्वीतेसाठी प्रयत्नशील होते.



K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Zoology

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

लोकमंथन

सोमय्या महाविद्यालयात व्याख्यान उत्साहात

कोपरगाव / प्रतिनिधी :

स्थानिक के. जे. सोमय्या कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव आणि स्वामी मुक्तानंद विज्ञान महाविद्यालय, येवला यांचे संयुक्त विद्यमाने (यूजन अंतर्गत) फॅकल्टी डेव्हलपमेंट प्रोग्रॅम अंतर्गत अप्लाइड अस्पेक्ट्स ऑफ डेव्हलपमेंटल बायलांजी या विषयावर सोमय्या महाविद्यालयात प्राध्यापक डॉ. अजय विभांडीक यांचे अभ्यासपूर्ण व्याख्यान संपन्न झाले पृथ्वीवर अमिबा पासुन ते आजच्या अतिविकसित मानवा पर्यंतची वाटचाल व त्याचा विकास क्रमाक्रमाने कसा होत गेला, सजीवांची निर्मिती व उत्क्रांती कशी झाली याचे सखोल विश्लेषण डॉ. विभांडीक यांनी केले. यावेळी त्यांनी अनेक उदाहरणे देखील दिली व्याख्यानापूर्वी डॉ. अजय विभांडीक यांचा प्राचार्य डॉ. बी. एस. यादव यांच्या हस्ते यथोचित सत्कार करण्यात आला. या व्याख्यान सत्राचे प्रास्ताविक प्राणी शास्त्र विभाग प्रमुख डॉ. आर. डी. गवळी यांनी केले तर आभार प्राध्यापक वृषाली पेटकर यांनी मानले. या व्याख्यानाला बी. एस. स्सी व एम. एस. स्सी प्राणिशास्त्र भाग एक व दोनचे बहुसंख्य विद्यार्थी -विद्यार्थिनी उपस्थित होते. तसेच प्रा. हेमंत अस्ने, प्रा. संकेत मोकळ, प्रा. सुवर्णा चव्हाण यांनी कार्यक्रमाच्या यशस्वीतेसाठी विशेष परिश्रम घेतले.

फॅकल्टी डेव्हलपमेंट प्रोग्रॅम अंतर्गत 'अप्लाइड अस्पेक्ट्स ऑफ डेव्हलपमेंटल बायलॉजी' या विषयावर सोमय्या महाविद्यालयात व्याख्यान संपन्न

ताजी खबरे अपडेट

कोपरगाव (प्रतिनिधी) - के.जे. सोमय्या कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव आणि स्वामी मुक्तानंद विज्ञान महाविद्यालय, येवला यांचे संयुक्त विद्यमाने (यूजी अंतर्गत) फॅकल्टी डेव्हलपमेंट प्रोग्रॅम अंतर्गत 'अप्लाइड अस्पेक्ट्स ऑफ डेव्हलपमेंटल बायलॉजी' या विषयावर सोमय्या महाविद्यालयात प्राध्यापक डॉ. अजय विभांडीक यांचे अभ्यासपूर्ण व्याख्यान संपन्न झाले. पृथ्वीवर अमिबा पासुन ते आजच्या अतिविकसित मानव पर्यंतची वाटचाल व त्यांचा विकास क्रमाक्रमाने कसा होत गेला, सजीवांची निर्मिती व उत्क्रांती कशी झाली याचे सखोल व संविधानिक विश्लेषण डॉ. विभांडीक यांनी केले. यावेळी त्यांनी अनेक उदाहरणे देखील दिली. व्याख्यानापूर्वी डॉ. अजय विभांडीक यांचा प्राचार्य डॉ. बी.एस.यादव यांच्या हस्ते यथोचित सत्कार करण्यात आला. या व्याख्यान सत्राचे प्रास्ताविक प्राणी शास्त्र विभाग प्रमुख डॉ.आर.डी.गवळी यांनी केले तर आभार प्राध्यापक वृषाली पेटकर यांनी मानले. या व्याख्यानाला बी. एस. स्सी व एम. एस. स्सी प्राणिशास्त्र भाग एक व दोनचे बहुसंख्य विद्यार्थी -विद्यार्थिनी उपस्थित होते. तसेच प्रा. हेमंत अस्ने, प्रा. संकेत मोकळ, प्रा.सुवर्णा चव्हाण यांनी कार्यक्रमाच्या यशस्वीतेसाठी विशेष परिश्रम घेतले.



K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

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K. J. Somaiya College, Kopargaon

Department of Zoology

T.Y. B. Sc: Semester - II (2021-22)

Zoology Paper: Entomology

(Last Date of Submission: - 18/05/2022)

Assignment No. 1

Q.1 What is Entomology? Describe the Scope and branches of Entomology.

Q.2 Explain the general characters of Class- Insecta /Insects.

Q.3 Describe the structure of Insect integument.

Q.4 Write short notes on the following

a) Structure of Head of insect, b) Structure of thorax of an insect, c) Modifications of insect legs, d) Structure of Insect abdomen (with diagrams)

Q. 5 Describe the structure and functions of digestive system of Grasshopper

Q. 6 Explain the structure and functions of circulatory system of Grasshopper

Q. 7 Describe the structure and functions of respiratory system of Grasshopper

Q. 8 Explain the structure and functions of nervous system of Grasshopper

Dr. R. D. Gawali

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts Commerce & Science

Mohinirajnagar, Kopargaon, Dist. Ahmednagar

Department of Zoology (2024-25)

T.Y.B.Sc.: Zoology Paper: VI (ZO: 356, Parasitology)

Assignment No. 1

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Q. 1 Define and Explain the following terms with examples
Host, Parasite, Vector, Commensalism, Mutualism, Parasitism, Branches of Parasitology.

Q. 2 What is Parasite? Describe the types of parasites and their subtypes

Q. 3 What is the Host? Describe the four (04) types of hosts.

Q. 4 What is host specificity? Explain the three (03) type of host specificity.

Q. 5 Describe the effects of parasite on hosts.

Q. 6 Describe the life cycle of ***Entamoeba histolytica*** w. r. to morphology, Life cycle, pathogenicity, prophylaxis and treatment.

27/12/2024

H.O.D.

(Department of Zoology)

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K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCEKOPARGAON
Tal. Kopargaon, Dist. Ahmednagar- 423601

DEPARTMENT OF ZOOLOGY

Report of the Activity: 20

Internal Assessment Program – Assignment (2021-22)

Subject - Pollution biology
Date – 04/01/2022 Class – M.Sc.II

Q1) Explain biosphere.

Q2) Explain different types of pollution .

Q3) Write note on – bioaccumulation, bio magnification.

Q4) Write note on biomedical waste

Q5) Explain environment protection act 1986

Q6) write short note on pollution monitoring strategies.

Chavan S.S.

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

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2021 - 2022

Freshwater Zoology

Assignment List

M.Sc - I

NO.	Name of students	Assignment 1	Assig - 2	Sign
1				
2	Katkade Swapnali Baban.	✓		B.Katkade
3				
4	Wagkar Savita Jayram	✓	✓	Swagkar
5	Anarthe Gauri Dilip	✓	✓	Anarthe
6				
7	Shinde Bhavini Sudhakar	✓		Bshinde
8	Mali Yash Dadaraheb	✓	✓	[illegible]
9	More Jayashri Uttam.	✓	✓	Jumy.
10	Usare Shital Dattu	✓	✓	Shity.
11				
12	Kadam Vrushali Kailas	✓		Vkkadam
13	Kozdile Amol Kashinath	✓		Akozdile
14				
15				
16				
17	Bare Apeksha Rajendra	✓	✓	[illegible]
18	Suryawanshi Savita D.	✓	✓	[illegible]
19	Vaishnavi Singar .D.	✓	✓	VSingar.
20				
21				
22				
23	Bangaiyya Revati Raju	✓	✓	RBangaiyy
24	Shinde Ashwini Suresh.	✓	✓	Ashwini
	Wakchaure Riddhishwari R.	✓		Rehwari
26	Dawange Aarti Dnyeshwar	✓	✓	Aarti

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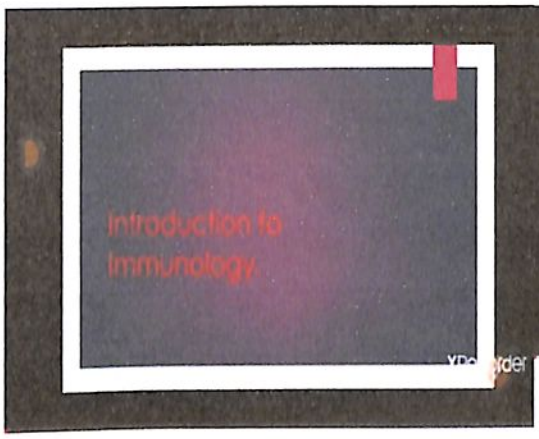

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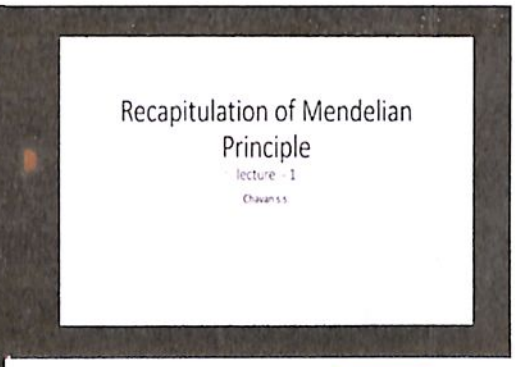

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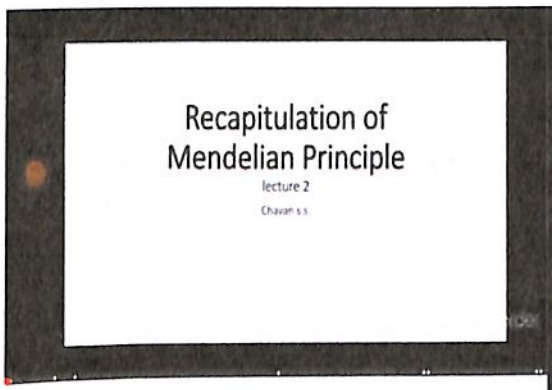

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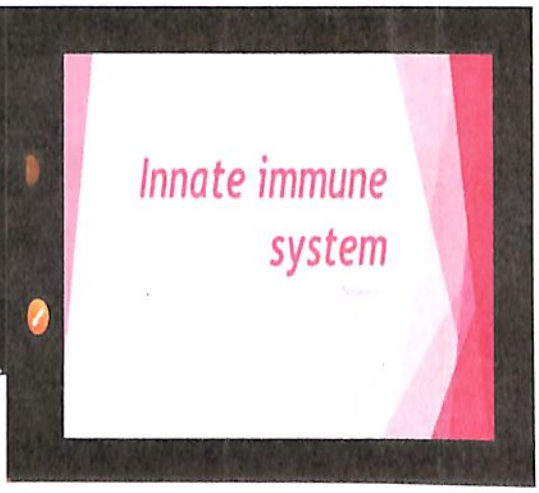

Innate immune system.

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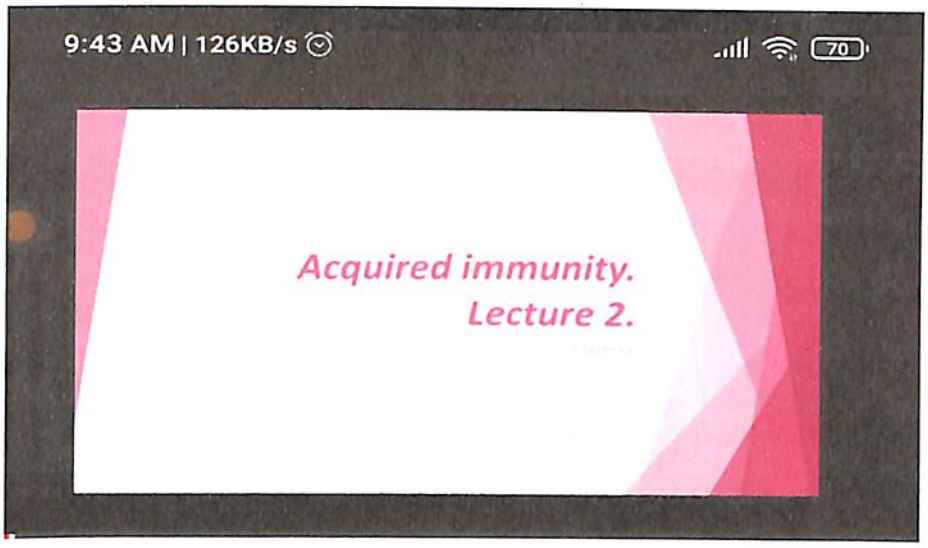

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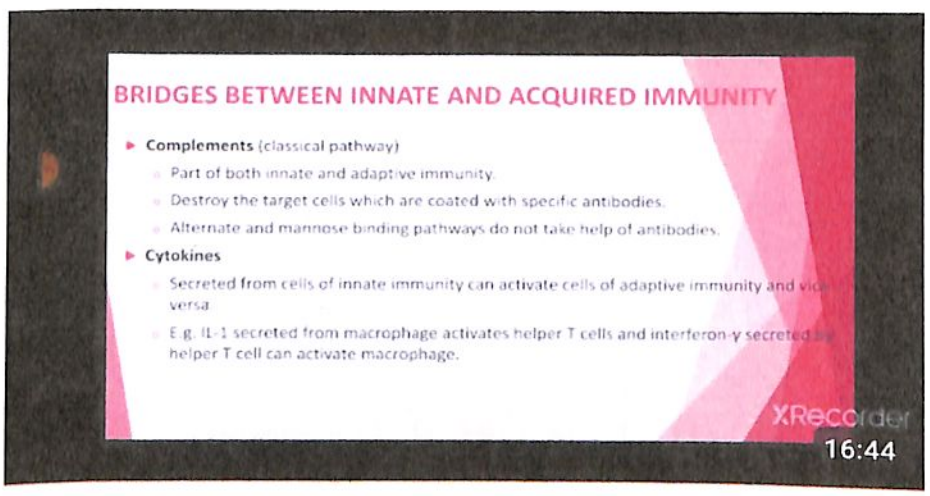

M **Acquired Immunity lecture 3 immunology**

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Google Classroom Lectures and Notes 2021-22

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

Head
Department of Zoology
K. J. Somaiya College of Arts,
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Tools & Techniques (Protein Microarray)

Zoology N G Shinde KJS • Nov 11, 2022

Protein Microarray

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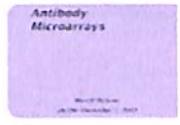

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Sem I

Stream Classwork People

Teachers

Zoology N G Shinde KJS

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23 students

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- revati bangaiyya
- Apeksha Bare
- Swati Bargal
- Shital Chine
- Ruchita Dongare
- Alisha Gaonkar S19-103
- Harshit kaur Kanda
- amol kardile
- Anupa Kurtarkar
- Anupa Kurtarkar

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Stream Classwork People

- Swati Patare
- Pratiksha Raktate
- Vaishnavi Sangpal
- Mosin Shaikh
- bhavini shinde
- Samiksha shinde
- Shital Usare
- Riddhishwari Wakchaure
- Savita Warkar

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CRITERIA 6.5.1 Student Centric Activities

Name of Department: Zoology **Academic Year: 2020-21**

SUMMARY

Sr. No	Student Centric Activities	Activity Organised	Date	No. Of Beneficiaries
1.	Experiential Learning	• Practicum	15/9/20 to 31/12/20	345
		• Project	15/06/21	43
2.	Participative Learning	• Student seminar	10/12/20 to 15/12/20	28+22+17= 67
3.	Problem Solving Method	• Assignment	04/01/21 to 12/01/21	67
		• Open Book Test (Internal)	18/06/21	219
4.	ICT Methods used	• List of PPT	01/01/21	67
		• You tube Lectures	21/12/20	67
		• Google Classroom	20/12/20 to 30/07/21	345

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Principal

Principal
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Project 2020-21

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Department of Zoology

List of the M. Sc. II Students submitted project for partial fulfilment of the requirements for the Degree of Master of Science in Zoology
(2020-2021)

Sr. No	Name of Student	Title of Project	Name of Guide
1	Chaudhari Kanchan Dattatray.	Study of biodiversity of Hymenoptera in Shingave village, Ahmednagar district Maharashtra state	Miss. Petkar V. B.
2	Chine Samruddhi Arjun	Study of feeding behaviour of some selected freshwater gastropods	Mr. Rayate D. A.
3	Chine Shital Bhausaheb	Vermicomposting techniques using different soil types with organic and industrial waste	Mrs Pawar P. L.
4	Gaikwad Kanchan Babasaheb	Physico chemical analysis of water from various sources and their comparative studies	Miss. Petkar V. B.
5	Ghumare Shweta Vilas	Studies on diversity of spider fauna in Kopargaon Tehsil, Maharashtra state, India	Dr. Gawali R. D.
6	More Pooja Arjun	Diversity of Coleoptera from Nategaon village, district Ahmednagar (Maharashtra), India.	Mrs Pawar P. L.
7	Jangam Rupali Balu	Effect of fertilizer on glycogen composition of freshwater fish *Gambusia afinis*	Mr. Mokal S. S.

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Certificate

- This is to certify that the project entitled to study Biodiversity of hymenoptera in shingave village submitted by Miss. Kanchan Chaudhari was carried out satisfactorily under the guidance of Miss. V. Petkar. Assistant professor, Department of zoology K J.Somaiya College of Arts Commerce and Science Kopargaon, during the academic year of 2020-2021.
- Date:-

Place :-kopargoan

- Dr.Rd.Gawali

Head

Deapaerment Of Zoolody

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K. J. Somaiya College of Arts,
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Examinar

K. J. SOMAIYA COLLEGE
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Miss.V.Petkar

Project Guide

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K.J. SOMAIYA COLLEGE OF ART'S, COMMERCE & SCIENCE, MOHABIRAJNAGAR, KOPERGOAN

DEPARTMENT OF ZOOLOGY

PROJECT REPORT ON

TO STUDY THE FEEDING BEHAVIOR OF SOME SELECTED FRESH WATER GASTROPODS

Submitted in partial fulfillment of the requirements of the degree

MASTER OF SCIENCE

(2020-2021)

Submitted to

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

Submitted by

MISS. SAMRUDDHI ARJUN CHINE



Guide

Mr. RAYATE D. A.

Assistant Professor, Department of Zoology

K. J Somaiya college of Arts, Commerce, and science

Mohonirajnagar, Kopergoan.

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Head

Department of Zoology

K. J. Somaiya College, Kopergaon

K J SOMAIYA COLLEGE, KOPARGAON

Department of Zoology

CERTIFICATE

This is to certify that

Miss. Shital Bhausaheb Chine

Has satisfactorily carried out and completed the Dissertation Report entitled

"VERMICOMPOSTING TECHNIC USING DIFFERENT SOIL TYPES WITH ORGANIC AND INDUSTRIAL WASTE"

This work is being submitted for the award of degree of

Master of Science (Zoology)

It is submitted in the partial fulfillment of the prescribed syllabus of

Savitribai Phule Pune University, Pune

For the academic year 2020-2021

Date:

Place: Kopargaon

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P. L. Pawar

Prof. P. L. Pawar
Assi. Prof. & Guide
Dept of Zoology

Head
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Examiner

Dr. R. D. Gawali
Head
Dept of Zoology

CERTIFICATE

This is to certify that the project entitled **Studies on Diversity of Spider Fauna in kopargaon Tehsil, Ahmednagar District, Maharashtra State, India** Submitted by **Miss. Shweta Ghumare** was carried out satisfactorily under the Guidance of **Dr.R D Gawali**. Head of Department of Zoology. K.J.Somaiya collage of Arts, Commerce and Science, Kopargaon.durring the academic year 2021 -2022.

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Date;

Place; Kopargaon

Dr. R.D. Gawali
Head department of Zoology

Examiner

Dr. R.D. Gawali
Project Guide

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CERTIFICATE

This is to certify that the project entitled **Diversity Of Coleoptera From Nategaon Village, District A.Nagar(Maharashtra)." India** studies submitted by Miss. More Pooja was carried out satisfactorily under the guidance of Miss. Pawar P. Assistant professor, Department of zoology K J.Somaiya College of Arts Commerce and Science Kopargaon, during the academic year of 2020-2021.

Date:-
Place:- Kopargaon

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Head Department of zoology

Head
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P.Pawar

Miss.Pawar P.
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Kopargaon, Dist . – Ahmednagar (M.S.) 423601

CERTIFICATE

This is to certify that the project entitled "**Effect of Fertilizer on Glycogen Composition of *Gambusia affinis***". Submitted by **Miss. Rupali Balu Jangam** was carried out satisfactorily under the guidance of **Mr Sanket Mokal**, Assistant professor, Post-Graduate Department of Zoology, K.J. Somaiya College of Arts, Commerce And Science, Kopargaon during the academic year 2020-21.

Date: 01/06/2021

Place: Kopargaon

Examination No-

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15/6/21

Mr. Sanket Mokal

Project Guide

15/06/21

Examiner

15/06/21

Dr. R.D. Gawli
Head of Department
Department of Zoology

Head
Department of Zoology
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Assignment 2020-21

Subject :- Applied parasitology
time :- 12:45 to 1:30 pm
Date :- 6/4/2021

Applied parasitology.

Q.1:- write in detail the Control Measures for Endo and Ecto parasite ?

Preventive Measures of Ecto and Endo parasite:-

→ Ectoparasite :- Those parasite which affect their host from out side of Body eg.

Endoparasite :- Those parasite which live inside host and takes up nutrition and shelter from host body.

Some step should be taken to prevent the parasitic Infection

* Control & Prevention (Preventive Measures).
* The primises, or gardens, surrounding area should be prevent from Contamination. Elimination of parasite from the host at the Most appropriate time by use of antipesticides thereby preventing Contamination.
* By Reducing the stocking rate · Can significantly reduce the parasite burden in animals & the associated problem of Contamination in sheds & pastures.
* Destruction of adult parasits in hosts prevents Expusion of Eggs or the larval & the associated Contamination of the Enviorm -ment.
* Anthelemintic treatments before rainy seasons using larvicides drugs will prevent Contamination of pastures at time when Conditions are becoming favourable for Egg & larval development. ovicidal drugs should preferably be used to destroy the Egg, thereby preventing Environmental Contamination.
* proper faeces & disposal Must be done. which Control spread of parasite.
* Distruction of Adult parasite in hosts prevents spreading or distruction of intermidiate host.

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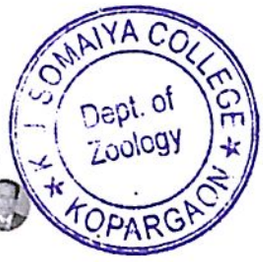

Internal Examination FY BS

Questions Responses 250 Settings Total points: 20

Section 1 of 21

Internal Test:1 F. Y. B. Sc. Zoology Paper II (Animal Ecology)

Internal Test Exam. F. Y. B. Sc. Zoology II (Semester I)

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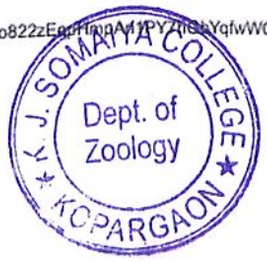

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Posted Jun 3, 2021 (Edited Jun 16, 2021)

All questions are compulsory.

108 Turned in
219 Assigned

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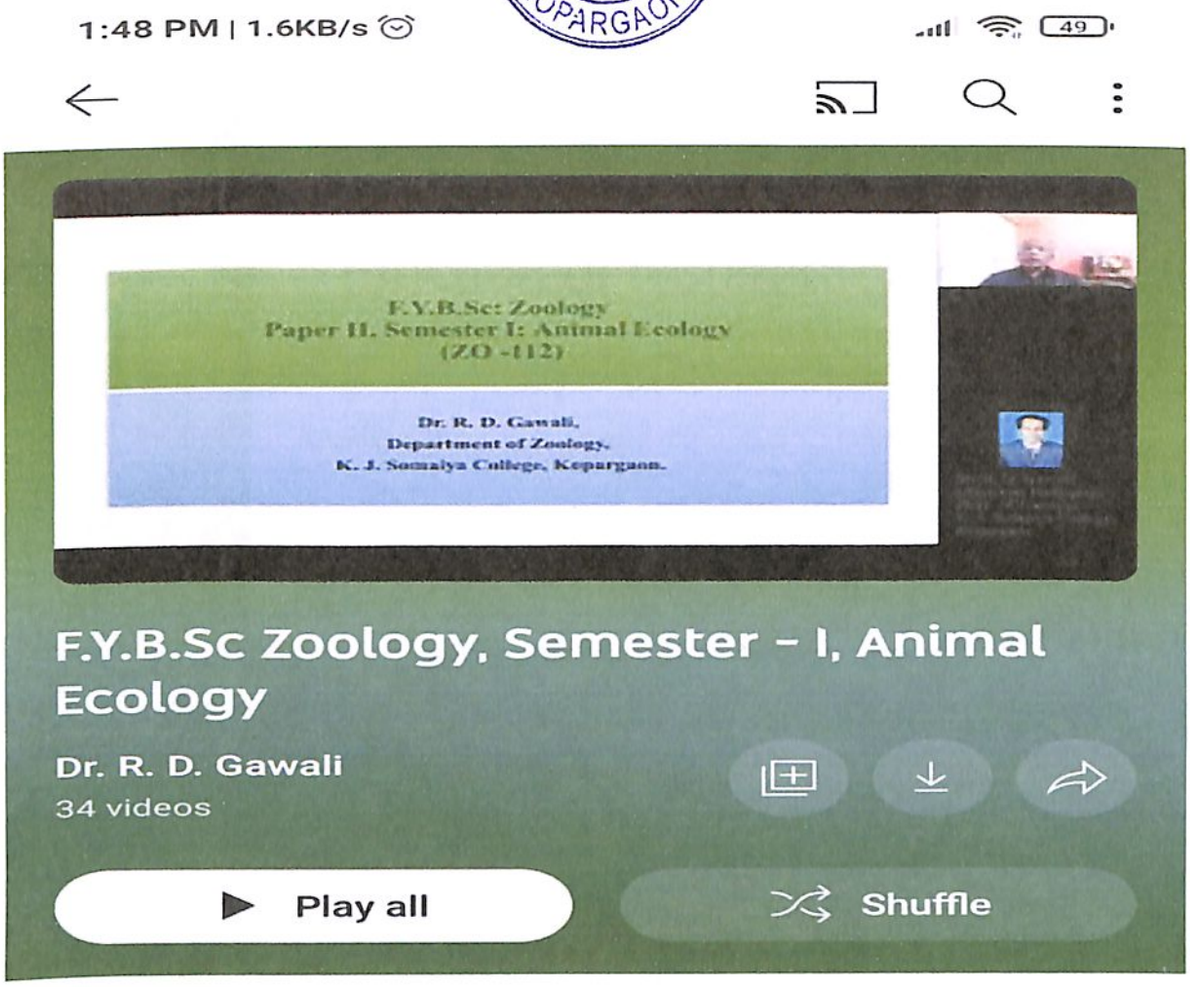

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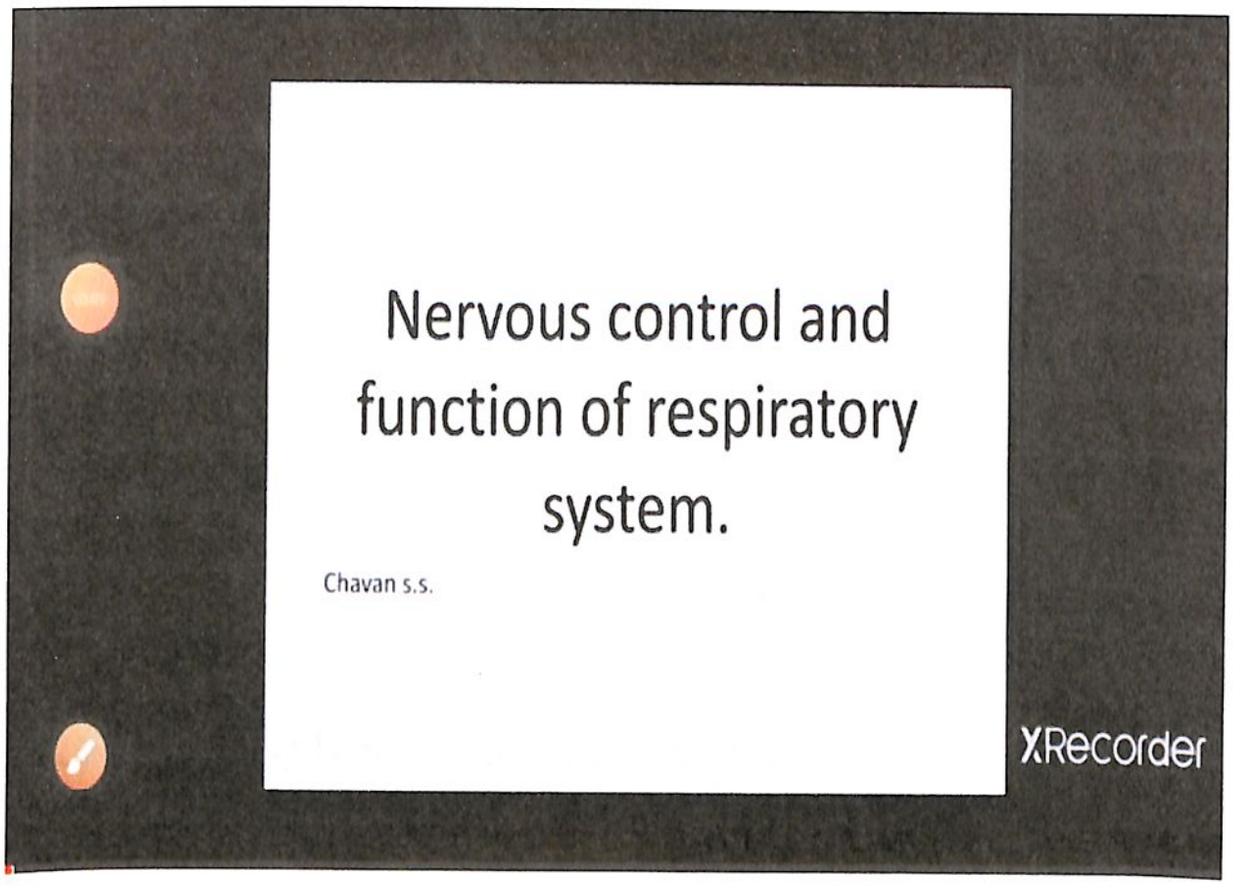

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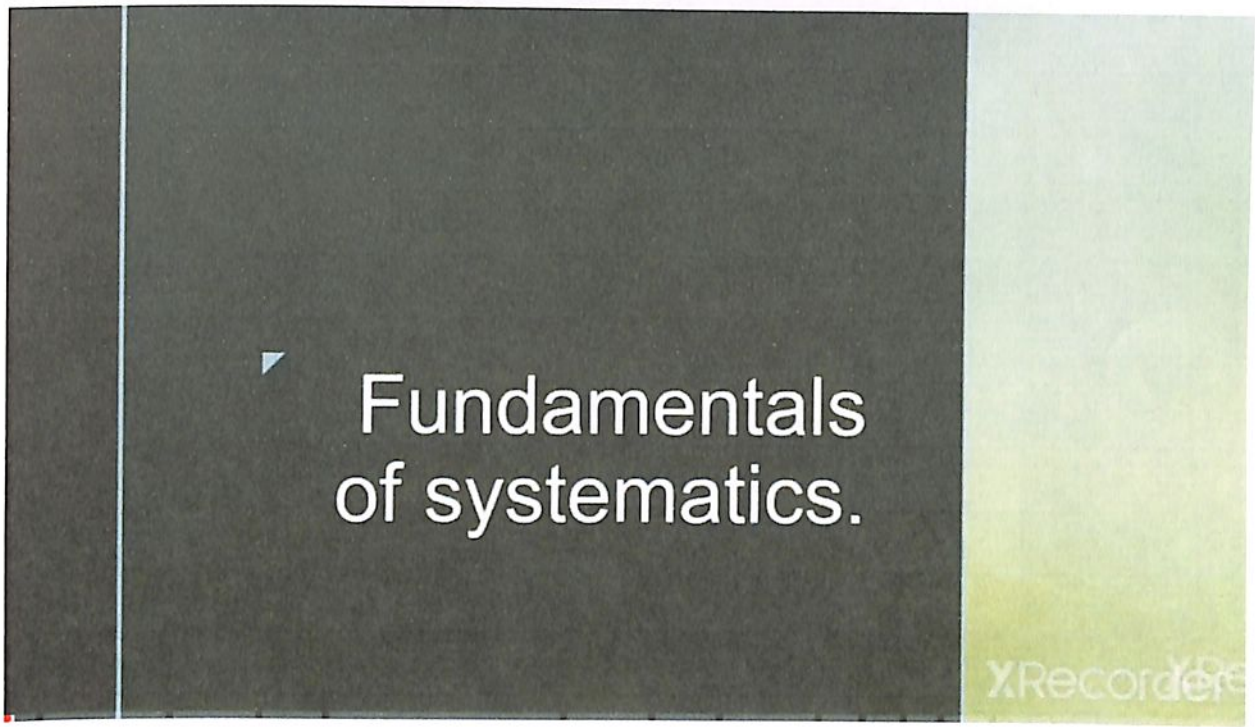

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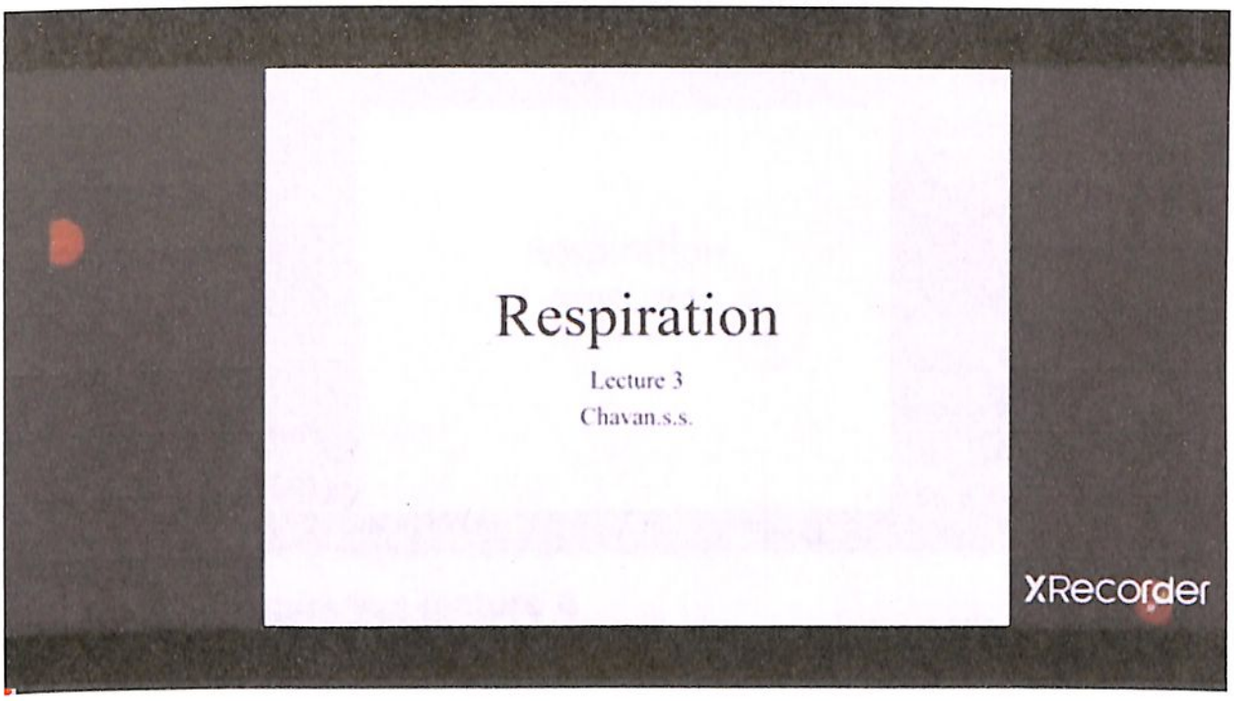

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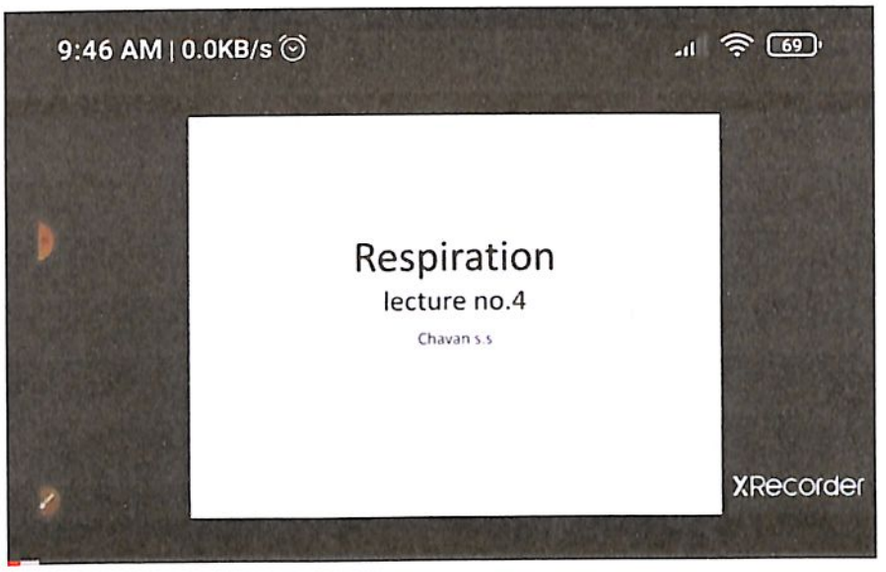

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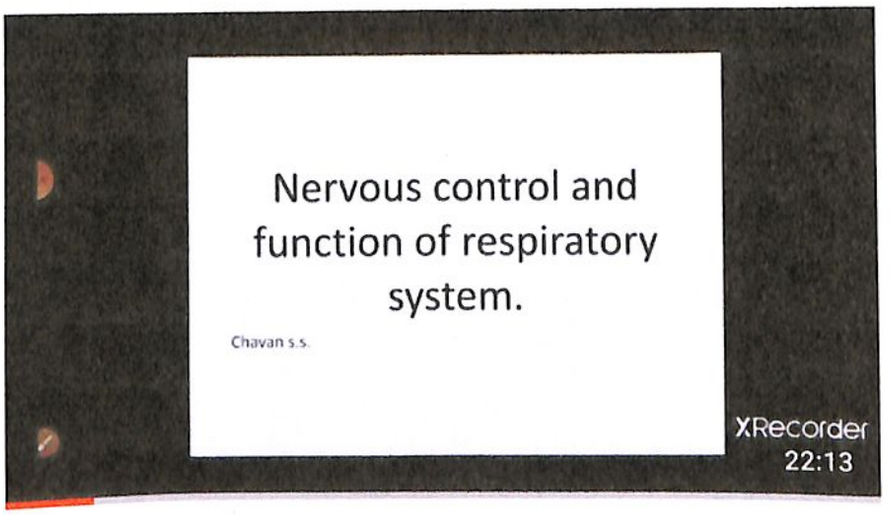

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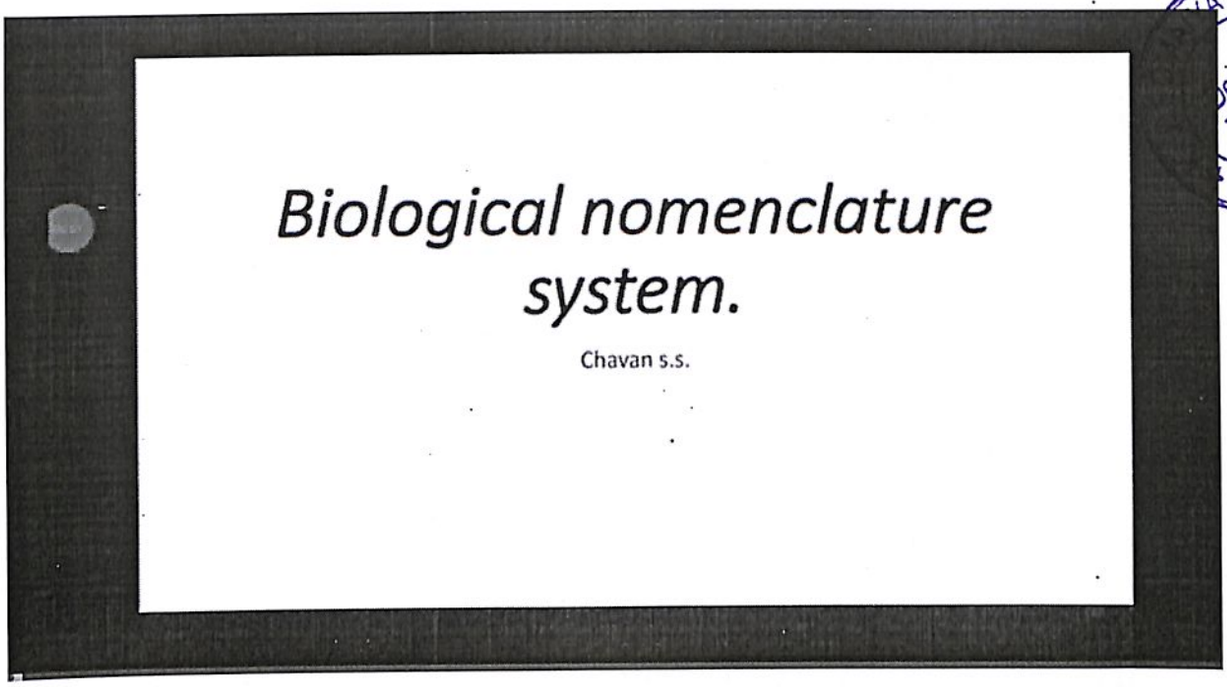

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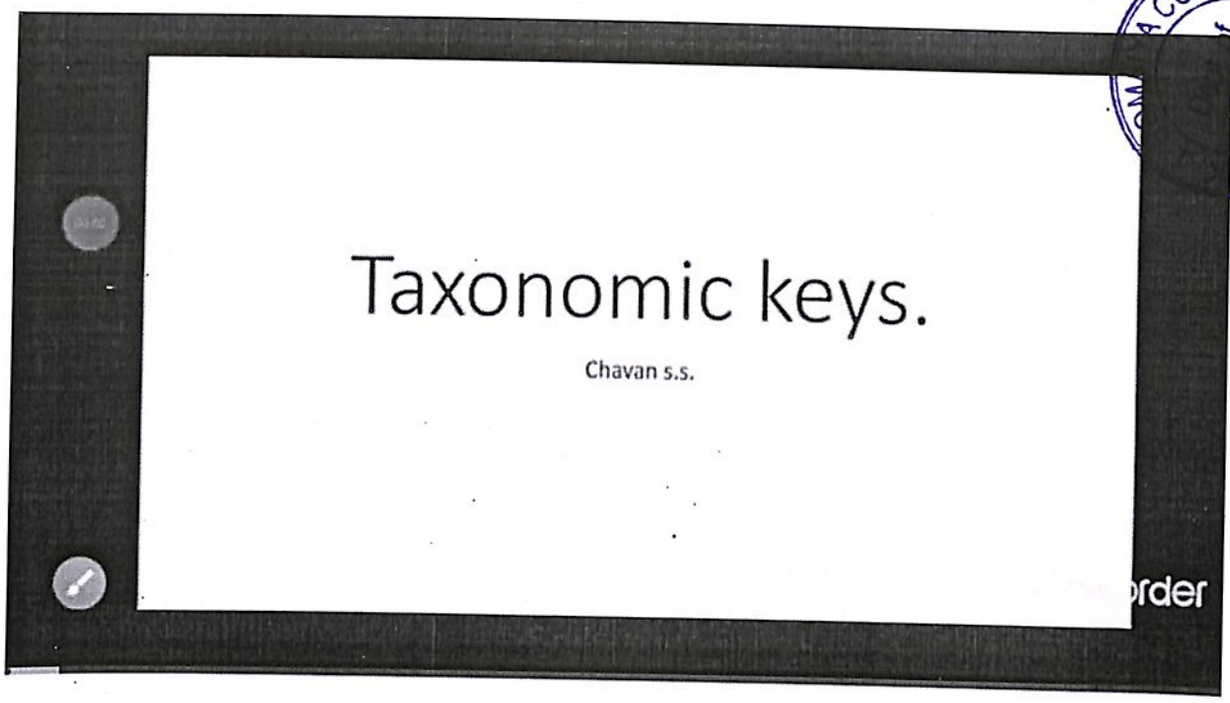

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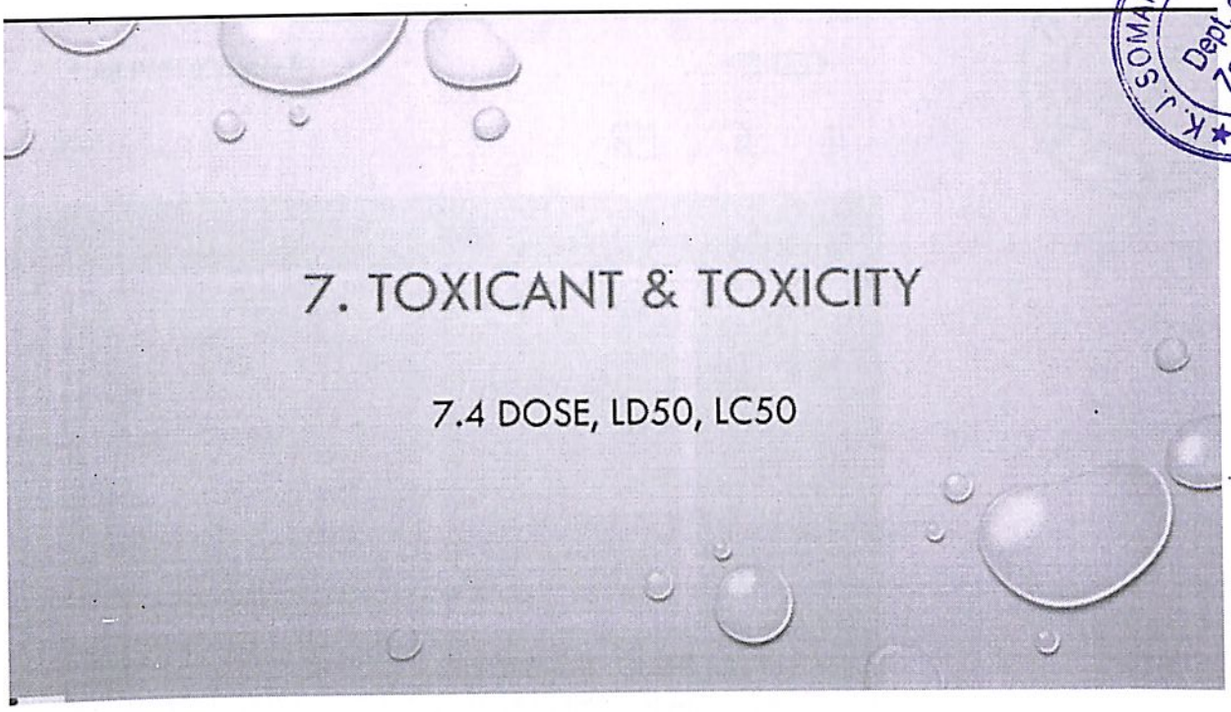

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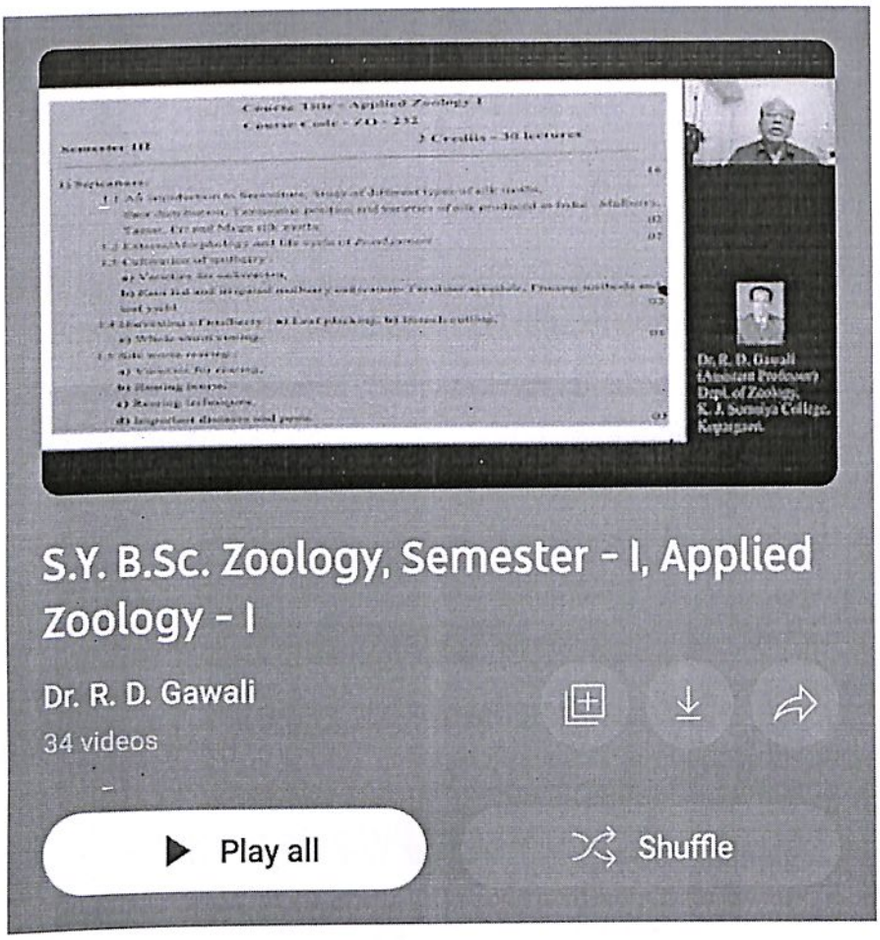

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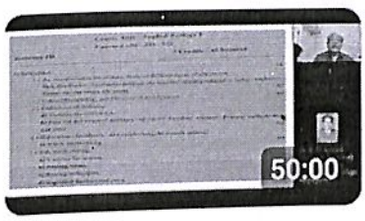

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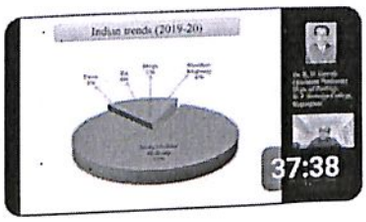

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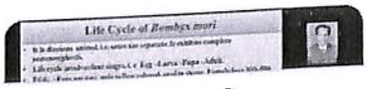

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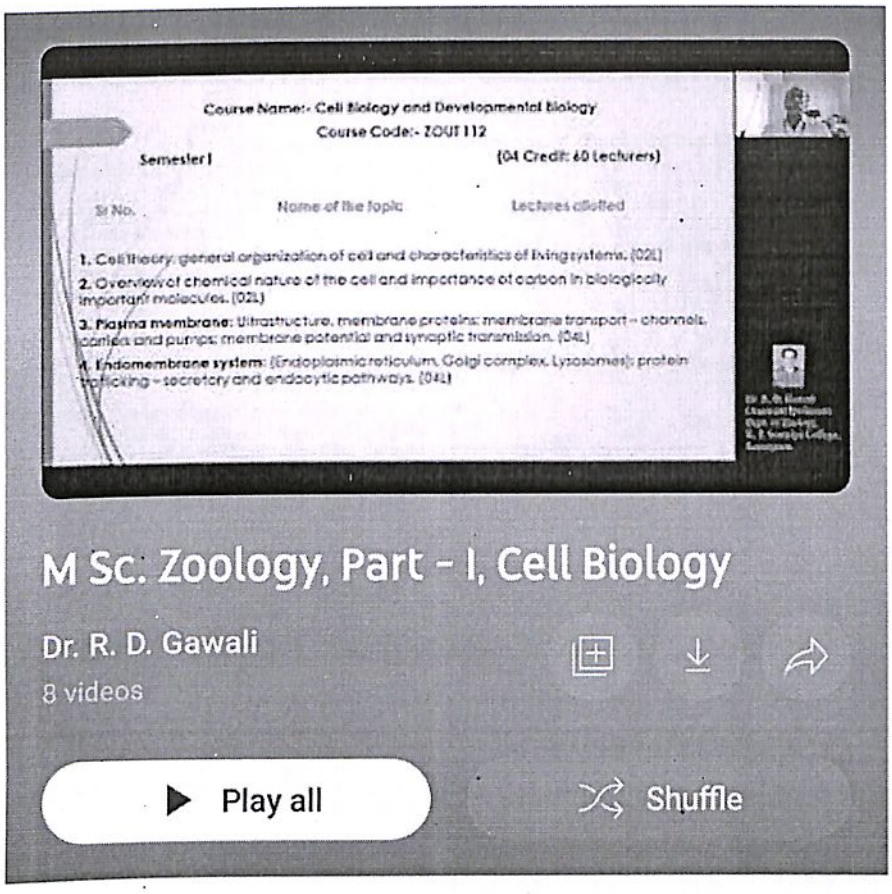
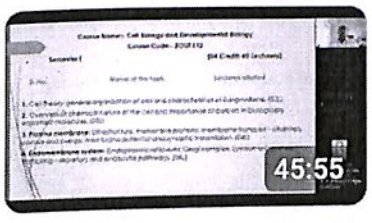
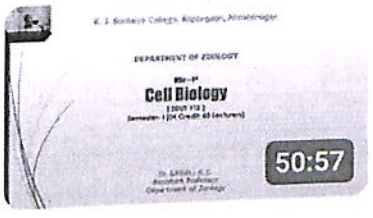




M. Sc. - I, Lecture: 01 Cell Biology Syllabus Di...
Dr. R. D. Gawali
269 views • 3 years ago



M. Sc.- I, Lecture: 02 Topic: 01 Cell Theories (...
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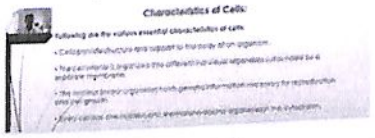

M. Sc. - I Lecture: 03 Characteristics & Gener...
Dr. R. D. Gawali

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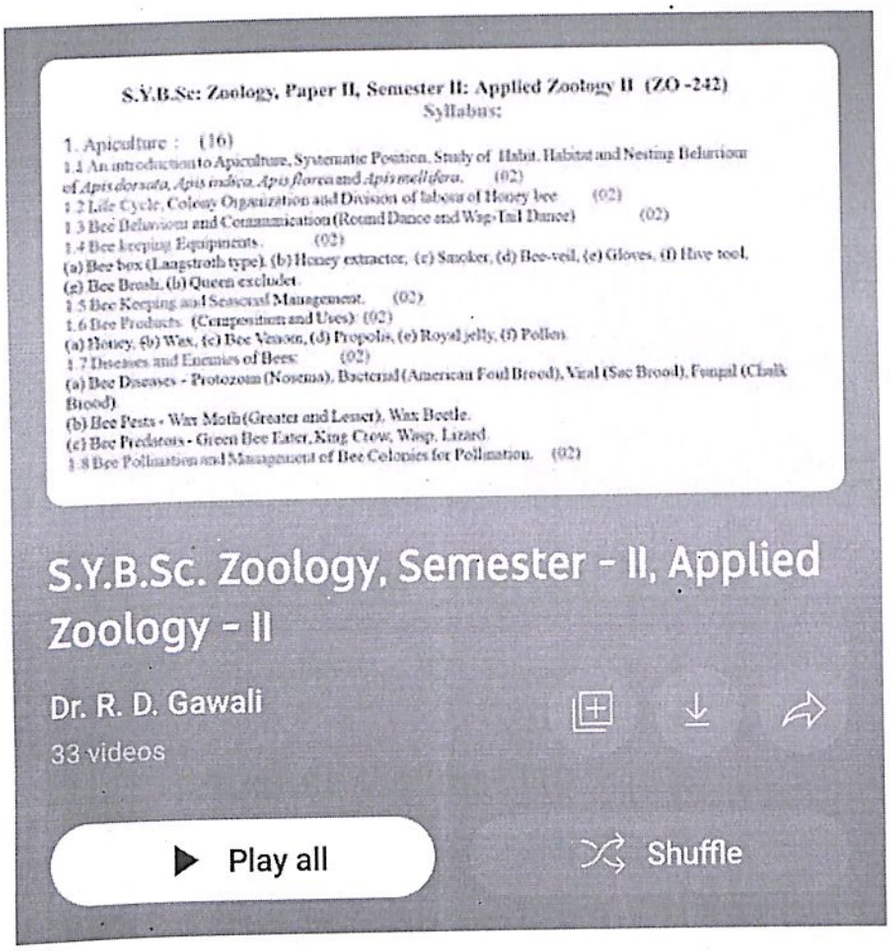
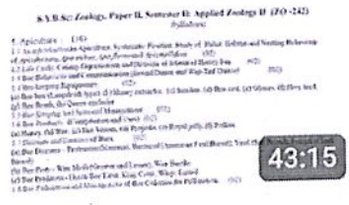
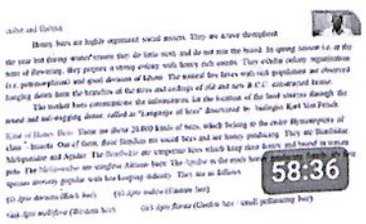
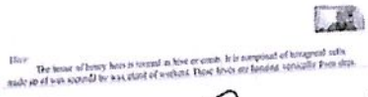




S.Y.B.Sc Lecture:35
Zoology Paper II, (Sem. I...
Dr. R. D. Gawali
256 views • 2 years ago



S. Y. B. Sc Lecture: 36
Introduction to Apicultur...
Dr. R. D. Gawali
170 views • 2 years ago



S. Y. B. Sc Lecture: 37
Hive & Nesting Behavio

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Lec_30 Environmental biology

160 views 3 yr ago ...more

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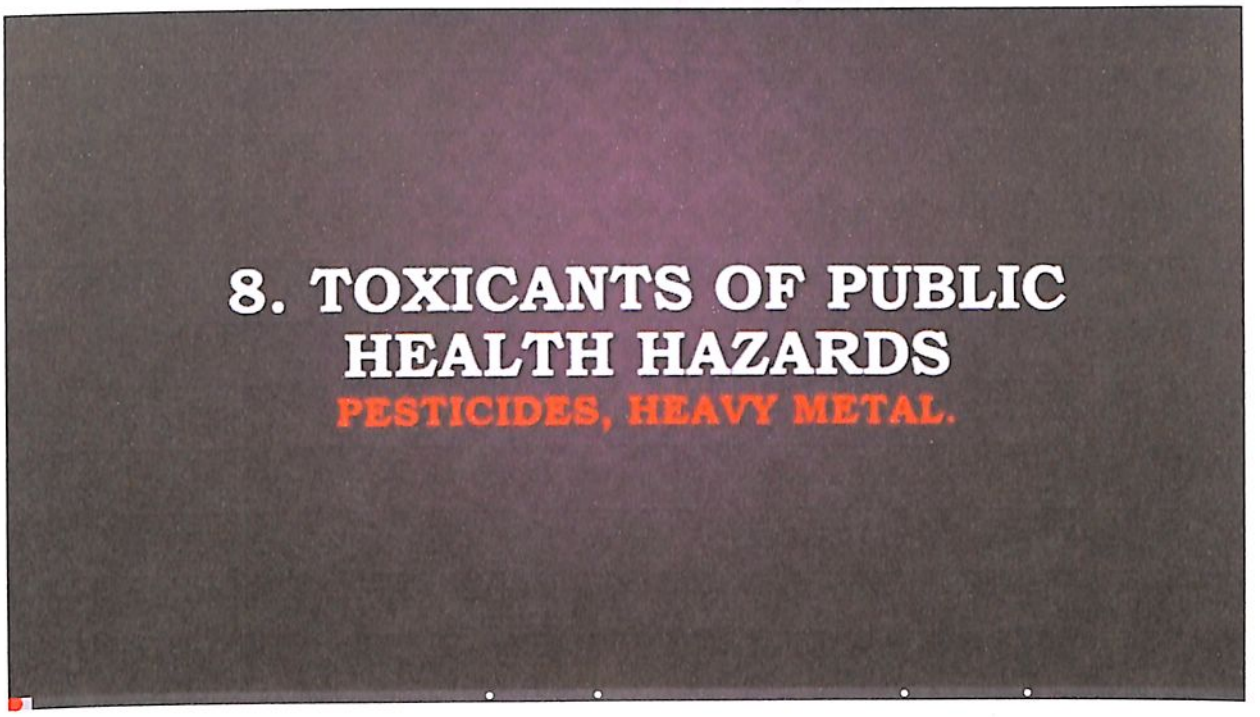

Lec_34 Environmental biology & toxicology

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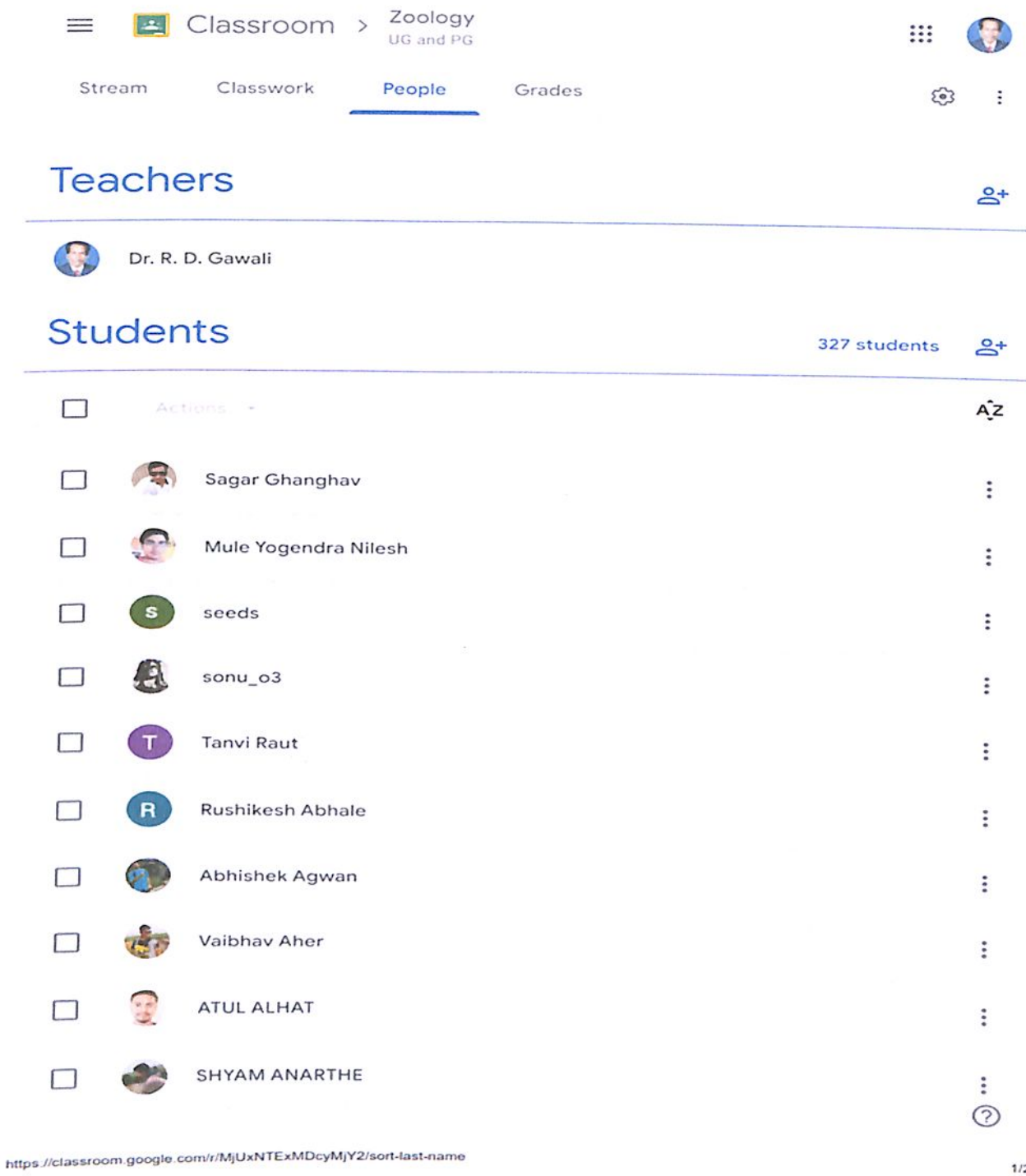

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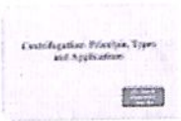

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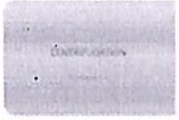

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CRITERIA 6.5.1 Student Centric Activities

Name of Department: Zoology **Academic Year: 2019-20**

SUMMARY

Sr. No	Student Centric Activities	Activity Organised	Date	No. Of Beneficiaries
1.	Experiential Learning	• Practicum	3/08/19 to 10/10/19	245
		• Study Tour (Mahabaleshwar)	19/01/2020 to 20/01/2020	45
2.	Participative Learning	• Student seminar	14/09/19 to 30/09/19	15
		• Group Discussion	05/08/19 08/08/19 14/02/20 17/02/20	15
3.	Problem Solving Method	• Assignment	29/07/19 23/08/19 16/01/20 20/02/20	50
		• Case Study	12/08/19	15
4.	ICT Methods used	• List of PPT	02/08/19 to 03/03/20	15

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Practical 2019-20

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DEPARTMENT OF BOTONY / ZOOLOGY

Certificate

Roll No. 26 Class T.Y.B.Sc. Exam No.

This is to certify that

Mr./Miss Chime shital balasaheb.

has performed all the experiments during the year 2019-20

as per requirements of H.S.C. Board.

Practical-In-Charge 24/03/020

Examiner : 6/3/20

Date :

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Coordinator of Department
K.J. Somaiya Senior College of Arts,
Commerce & Science

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
	PART:- I Parasitology.		
①	To study the life cycle of plasmodium vivax and Entamoeba Histolytica.	30/7/2019	
②	Study the life cycle of Ascaris lumbricoides and Taenia Solium.	1/8/2019	
③	Study the morphology and pathogenecity of Head louse, tick, mite and Bristle beetle.	14/2/2020	Attended 02/03/2020
④	Study of vector mosquito, Bed bug. Housefly. Ratflea.	15/2/2019	
⑤	Studyo of gut parasite of Cockroach	17/1/2020	

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Sr.No.	Title of the Experiments	Date	Remark
	Part II General pathology.		
(1)	To study of pathogenic agent and pathological condition with the help of suitable microscopic slide	03/1/2020	
(2)	Study of pathological condition with the help of suitable microscopic slides.	3/01/2020	Attdance 02/03/20
(3)	Study of following pathological slides or specimen.	4/01/2020	
(4)	To detect the normal and abnormal constituent of urine.	24/1/2020	

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CONTENTS

Sr.No.	Title of the Experiments	Date	Remark
	PART III		
	General embryology:		
1	To study the type of Egg.	13/12/2019	
2	To the study of types of Blastulae & Gastrulae	13/12/2019	
3	study the section of chick embryo at 24 hours, 33 hours, 48 hours etc.	24/01/2020	
4	Temporary preparation form chick embryo.	24/01/2021	
5	Temporary preparation of chick embryo.	15/1/2020	

Vidyalaxmi 02/03/020

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
	public health and hygiene.		
(1)	To detect adultant in Food Sample by appropriate tests.	8/2/2020	
(2)	To study the food preservation method.	4/1/2020	
(3)	To study of Housefly, cockroach & rat with referance to public health and hygine	22/2/2020	
(4)	To testing potability of water for human Consumption by MPN method.	22/2/2020	

02/03/20

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MSc I ❖ CONTENTS ❖ Zoology basic lab-1.

Sr.No.	Title of the Experiments	Date	Remark
	Module - I. Biochemistry and Biochemical Techniques.		
1	Preparation of Acid and Alkali solution and acid-base Titration.	03/08/19	Schavan
2	Principle and working of colourimetry & spectrometry.	09/08/19	
3	To prepare Buffers of known pH & molarity & Measurement of pH of various samples, Buffering capacity	13/9/19	
4	Effect of substrate concentration on enzyme activity	26/8/19	Schavan
5	Determine the concentration of vitamin C by titration method from various source.	04/09/19	
6	Estimation of sugar (Glucose) by Folin Wu Method.	06/09/19	
7	Isolate protein by Isoelectric point.	21/09/19	Schavan
8	Estimation of proteins by		

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MSc I - Sem I ❖ CONTENTS ❖ Freshwater Zoology

Sr.No.	Title of the Experiments	Date	Remark
①	Identification of economic important freshwater Crustaceans & Fishes.	1-8-2019	Attdance
②	Study of aquatic & semiaq-atic ~~aquatic~~ adaptations in amphibians & reptiles	23-8-2019	Attdance
③	Estimation of total carbon-dioxide & Chloride From given water sample	8-8-2019	Attdance
④	Study of locomotary & respiratory adaptations in aquatic insects & larvae	13-9-2019	Attdance
⑤	Estimation of calcium & total hardness of given water sample	18-9-2019	Attdance
⑥	Estimation of total alkalini-ty of given water sample.	19-9-2019	Attdance
⑦	To prepare & maintain a culture of paramecium	25-9-19	Attdance
⑧	Estimation of Primary productivity with dark & light bottle method.	26-09-19	Attdance
⑨	Qualitative & quantitative analysis of planktons	28-9-19	Attdance

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Study Tour Report 2019-20

Department of Zoology organized excursion tour to Mahabaleshwar- Pachgani-Pratapgarh-Pali-Mahad on 19th and 20th January 2020. 27 students of T.Y. B.Sc. and 14 students of M.Sc. Zoology and 04 staff members were participated in study tour.

The students visited Mahabaleshwar forest to study biodiversity of flora and fauna together with Bee keeping industry (Apiary), state animal giant squirrel (shekhru), wild bull (Rangawa), Honey bee species of apiary importance, Madhusagar society, Mapro garden, old Mahabaleshwar and Pratapgarh fort of Maratha history, etc.

Students also prepared study tour report to submit in practical examination as a part of syllabus.

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Ref. No. : २०१९५/२०१९-२० Date : १७/०१/२०२०

प्रति,

मा.संचालक,
महाराष्ट्र राज्य गड व किल्ले संवर्धन विभाग,
प्रतापगड, ता.वाई, जि.सातारा.

विषय : सहलीमध्ये सहभागी विद्यार्थ्यांना प्रवेश करुन योग्य ती माहिती मिळणे बाबत...

महोदय,

आमच्या महाविद्यालयाच्या वरिष्ठ महाविद्यालयातील विज्ञान शाखेची शैक्षणिक वर्ष २०१९-२० मधील शैक्षणिक सहल महाबळेश्वर, पाचगणी व प्रतापगड या ठिकाणी दि. १९ व २० जानेवारी, २०२० या दोन दिवशी येत आहे. या शैक्षणिक सहलीमध्ये ४२ विद्यार्थी-विद्यार्थीनी व ०४ स्टाफ सहभागी आहेत. तरी त्यांना योग्य ती माहिती देवून सहकार्य करावे.

कळावे,

आपला विश्वासू,

(डॉ. बी.एस. यादव)

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List of Student for Study Tour (2019-20)

Sr. No.	Name of Student	Gender	Class	Age
1	Sonawane Pooja Suresh	Female	T.Y. B.Sc.	20
2	Kolhe Amruta Nilkanth	Female	T.Y. B.Sc.	19
3	Maid Dhanshri Subhash	Female	T.Y. B.Sc.	20
4	Chine Nikita Vasant	Female	T.Y. B.Sc.	19
5	Rahane Shital Sanjay	Female	T.Y. B.Sc.	20
6	Padekar Rutuja Suresh	Female	T.Y. B.Sc.	21
7	Jawale Shital Balasaheb	Female	T.Y. B.Sc.	20
8	Chine Shital Balasaheb	Female	T.Y. B.Sc.	21
9	Abhale Ashwini Kailas	Female	T.Y. B.Sc.	21
10	Hon Seema Nanasaheb	Female	T.Y. B.Sc.	22
11	Jamdhade Sakshi Ramesh	Female	T.Y. B.Sc.	20
12	Shinde Prajakta Dilip	Female	T.Y. B.Sc.	21
13	Chine Kaveri Mohan	Female	T.Y. B.Sc.	20
14	Kakade Pramila Kailas	Female	T.Y. B.Sc.	22
15	Deshmukh Ashwini Bhaiyasaheb	Female	T.Y. B.Sc.	21
16	Darekar Sapana Dnyaneshwar	Female	T.Y. B.Sc.	21
17	Dange Jayashri Ashok	Female	T.Y. B.Sc.	21
18	Rahane Priti Ramdas	Female	T.Y. B.Sc.	20
19	Kakade Savita Prakash	Female	T.Y. B.Sc.	20
20	Shinde Shital Upendra	Female	T.Y. B.Sc.	20
21	Ahirro Priti Parameshwar	Female	T.Y. B.Sc.	21
22	Nikam Sagar Sanjay	Male	T.Y. B.Sc.	21
23	Wabale Akshay Madhukar	Male	T.Y. B.Sc.	23

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24	Ghule Mahesh Dadasaheb	Male	T.Y. B.Sc.	21
25	Kale Hrushikesh Bhausaheb.	Male	T.Y. B.Sc.	21
26	Thot Hrushikesh Arjun	Male	T.Y. B.Sc.	21
27	Musale Adita Ramesh	Female	M. Sc. I	22
28	Gawali Yogita Goraksh	Female	M. Sc. I	22
29	Gaikwad Kanchan Balasaheb	Female	M. Sc. I	21
30	Naikwadi Harshda Gavnath	Female	M. Sc. I	21
31	Bhingare Monali Sainath	Female	M. Sc. I	21
32	More Pooja Arjun	Female	M. Sc. I	21
33	Chine Shital Balasaheb	Female	M. Sc. I	21
34	Chine Samruddhi Arjun	Female	M. Sc. I	20
35	Chaudhari Kanchan Dattatray	Female	M. Sc. I	21
36	Jape Pournima Govind	Female	M. Sc. I	21
37	Dube Harshada Kailas	Female	M. Sc. I	21
38	Jangam Rupali Balu	Female	M. Sc. I	34
39	Sapte Majusha Tanaji	Female	M. Sc. I	21
40	Alane Nikita Mukund	Female	M. Sc. I	21
41	Ghoderao Shital Ishwar	Female	M. Sc. I	21
42	Ghumare Sweta Vilas	Female	M. Sc. I	21
	Teaching Staff			
1	Dr. Gawali Ramdas Dada	Male		54
2	Mr. Rayate Dadasaheb Ashok	Male		26
3	Tidame Arati Tanaji	Female		24
4	Chavan Suvarna Shantaram	Female		24

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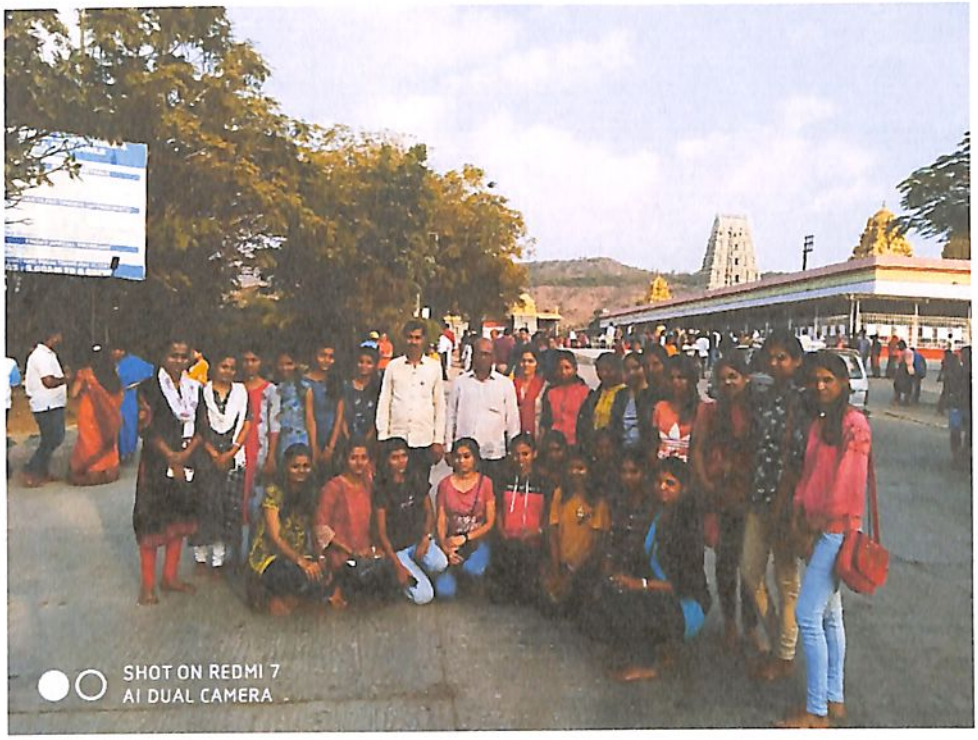



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Student Seminar 2019-20

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Department of Zoology

Seminar 2019-20 (M.Sc. I)

Subject: Biochemistry **Date:** 14/09/19

Roll No.	Student name	Seminar Topic	Remark
1	Alane Nikita M	Classes of Carbohydrates	Good
2	Bhingare Monali S	Glycolysis	Good
3	Chine Samruddhi	Glyconeogenesis	Satisfactory
4	Chine Shital B.	Glycogenolysis	Excellent
5	Chaudhari Kanchan D	Tricarbonylic acid cycle	Very good
6	Dube Harshada K	Fat soluble vitamins	satisfactory
7	Gite Pooja B	Water soluble vitamins	Excellent
8	Ghoderao Shital I	Amino acid classification	Satisfactory
9	Ghumare Shweta V	Biological buffer system	Excellent
10	Kanchan Gaikwad B	Tertiary structure of Protein	Excellent
11	Jape Pournima G	Ramachandran Plot	Excellent
12	Jangam Rupali B	Enzyme inhibition	Satisfactory
13	More Pooja A	Allosteric enzymes	Good
14	Naikwade harshada G	Classification of Lipids	Excellent
15	Sapte Manjusha T	Enzyme kinetics	Average

Subject Teacher

Chavan S.S.

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Department of Zoology

Seminar 2019-20 (M.Sc. I)

Subject: Developmental Biology **Date:** 29/09/19

Roll No.	Student name	Seminar Topic	Remark
1	Alane Nikita M	Types of eggs	Absent
2	Bhingare Monali S	Cleavage	Excellent
3	Chine Samruddhi	Blastulation	Good
4	Chine Shital B.	Gastrulation	Satisfactory
5	Chaudhari Kanchan D	Neorulation	Good
6	Dube Harshada K	Organogenesis	Good
7	Gite Pooja B	Limb regeneration	Good
8	Ghoderao Shital I	Apoptosis	Excellent
9	Ghumare Shweta V	Aging and senescence	Excellent
10	Kanchan Gaikwad B	Animal vegetal axis	Average
11	Jape Pournima G	Dorsal ventral axis	Good
12	Jangam Rupali B	Model Organisms	Absent
13	More Pooja A	Cell differentiation	Good
14	Naikwade harshada G	Cell communication	Excellent
15	Sapte Manjusha T	Spermatogenesis	Good

Subject Teacher
Vrushali Petkar

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NOTICE

Group Discussion Activity 2019-20

Subject: Developmental Biology **Date:** 06/08/2019

All the Students of **M.Sc I** Zoology are here by informed that group discussion activity will be conducted on **08/08/19** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Model Organism – Invertebrate	Alpha	1,2,3,4,5
2	Model Organism – Aves	Beta	6,7,8,9,10
3	Model Organism – Mammals	Gamma	11,12,13,14,15

Subject Teacher

Dr. R. D. Gawali

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2019-20

Subject: Developmental Biology **Date:** 08/08/2019

Sr. no.	Topic Name	Group	Roll No.	Student name	Signature
1	Model Organism – Invertebrate	Alpha	1	Alane Nikita M	Panarthe
			2	Bhingare Monali S	Bangaiya
			3	Chine Samruddhi	Chine
			4	Chine Shital B.	Bargal
			5	Chaudhari Kanchan D	K.D.Chaudhari
2	Model Organism – Aves	Beta	6	Dube Harshada K	Dube
			7	Gite Pooja B	Pooja
			8	Ghoderao Shital I	GhoderaoS
			9	Ghumare Shweta V	Ghumare
			10	Kanchan Gaikwad B	K.B.Gaikwad
3	Model Organism – Mammals	Gamma	11	Jape Pournima G	Jape
			12	Jangam Rupali B	Jangam
			13	More Pooja A	More
			14	Naikwade harshada G	Naikwade
			15	Sapte Manjusha T	Sapte

Subject Teacher

Dr. R.D. Gawali

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

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Department of Zoology

NOTICE

Group Discussion Activity

Subject: Genetics **Date:** 03/08/2019

All the Students of **M.Sc I** Zoology are here by informed that group discussion activity will be conducted on **05/08/19** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Autosomal Dominant Disorders	Alpha	1,2,3,4,5
2	Autosomal Recessive Disorders	Beta	6,7,8,9,10
3	Sex Linked Disorders	Gamma	11,12,13,14,15

Subject Teacher
chavan .S.S.

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Zoology

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

Group Discussion Activity 2019-20

Subject: Genetics **Date:** 05/08/2019

Sr.no.	Topic Name	Group	Roll No.	Student name	Signature
1	Autosomal Dominant Disorders	Alpha	1	Alane Nikita M	
			2	Bhingare Monali S	
			3	Chine Samruddhi	
			4	Chine Shital B.	
			5	Chaudhari Kanchan D	
2	Autosomal Recessive Disorders	Beta	6	Dube Harshada K	
			7	Gite Pooja B	
			8	Ghoderao Shital I	
			9	Ghumare Shweta V	
			10	Kanchan Gaikwad B	
3	Sex Linked Disorders	Gamma	11	Jape Pournima G	
			12	Jangam Rupali B	
			13	More Pooja A	
			14	Naikwade harshada G	
			15	Sapte Manjusha T	

Subject Teacher

Chavan S.S.

HOD

Head

Department of Zoology

K. J. Somaiya College of Arts,

Commerce & Science, Koparg...

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K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2019-20

Subject: Parasitology **Date:** 12/02/2020

All the Students of **M.Sc I** Zoology are here by informed that group discussion activity will be conducted on **14/02/20** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Type Study of Protozoa	Group A	2,4,6,8,10
2	Type Study of Nematoda	Group B	12,14,1,3,5
3	Type Study of Platyhelminthes	Group C	7,9,11,13,15

12-02-2020.

Subject Teacher
(Ms. Petkar V. B.)

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

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Department of Zoology

Group Discussion Activity 2019-20

Subject: Parasitology **Date:** 14/02/2020

Sr. no.	Topic Name	Group	Roll No.	Student name	Signature
1	Type Study of Protozoa	Group A	2	Bhingare Monali S	
			4	Chine Shital B.	
			6	Dube Harshada K	
			8	Ghoderao Shital I	
			10	Kanchan Gaikwad B	
2	Type Study of Nematoda	Group B	1	Alane Nikita M	
			3	Chine Samruddhi	
			5	Chaudhari Kanchan D	
			12	Jangam Rupali B	
			14	Naikwade harshada G	
3	Type Study of Platyhelminthes	Group C	11	Jape Pournima G	
			13	More Pooja A	
			15	Sapte Manjusha T	
			7	Gite Pooja B	
			9	Ghumare Shweta V	

14-02-2020

Subject Teacher
(Ms. Petkar V. B.)

HOD
Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

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K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Department of Zoology

NOTICE

Group Discussion Activity 2019-20

Subject: Biochemistry **Date:** 10/02/2020

All the Students of **M.Sc I** Zoology are here by informed that group discussion activity will be conducted on **17/02/20** at 9:30am in Department of Zoology.

Details of Group Discussion are mentioned below

Sr.no.	Topic Name	Group	Student Roll No.
1	Carbon Cycle	Group 1	1,2,3,4,5
2	Nitrogen Cycle	Group 2	6,7,8,9,10
3	Phosphorus Cycle	Group 3	11,12,13,14,15

10-02-2020.
Subject Teacher
[Petkar. V.B.)

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HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
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Department of Zoology

Group Discussion Activity 2019-20

Subject: Environmental biology **Date:** 17/02/20

Sr. no.	Topic Name	Group	Roll No.	Student name	Signature
1	Carbon Cycle	Group 1	1	Alane Nikita M	
			2	Bhingare Monali S	
			3	Chine Samruddhi	
			4	Chine Shital B.	
			5	Chaudhari Kanchan D	
2	Nitrogen Cycle	Group 2	6	Dube Harshada K	
			7	Gite Pooja B	
			8	Ghoderao Shital I	
			9	Ghumare Shweta V	
			10	Kanchan Gaikwad B	
3	Phosphorus Cycle	Group 3	11	Jape Pournima G	
			12	Jangam Rupali B	
			13	More Pooja A	
			14	Naikwade harshada G	
			15	Sapte Manjusha T	

Subject Teacher

Pekkar. V.B.

17/2/2023

HOD

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCEKOPARGAON

Tal. Kopargaon, Dist. Ahmednagar- 423601

DEPARTMENT OF ZOOLOGY

Report of the Activity: 2019-20

Internal Assessment Program – Assignment

Subject - Genetics

Date – 23-08-2019

Class – M.Sc.II

Q1) Define

a) Allele
b) Linkage
c) Crossing over
d) Sex linkage
e) Sex limited
f) Recombination
g) Pseudo allele
h) Multiple allele
i) Monohybrid cross
j) Test cross
k) Backcross

Q2) explain in brief

a) Application of mendelian principles.
b) Classical concept of gene
c) Modern concept of gene .
d) Linkage and crossing
e) Sexlinkage, sex limited, sex influenced character.
f) Polygenetic inheritance
g) Quantitative trait locus mapping

Charan. S.S.

Head
Department of Zoology
K. J. Somalya College of Arts,
Commerce & Science, Kopargaon

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KOPARGAON
Tal. Kopargaon, Dist. Ahmednagar- 423601

DEPARTMENT OF ZOOLOGY

Report of the Activity: 2019-20

Internal Assessment Program – Assignment

Subject - genetics class – M.Sc. I

Date – 29 - 09 - 2019

Q1) Define

a) Genetic drift
b) Gene frequency
c) Population
d) Migration
e) Mutation
f) Transformation
g) Conjugation
h) Transduction

Q2) Explain in brief

a) Somatic cell hybridization
b) Hybridoma technique and its application
c) Microbial genetics process
d) Dominant and recessive disorder (any two)

Charan S.S.

Head
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Commerce & Science, Kopargaon

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DEPARTMENT OF ZOOLOGY

Report of the Activity: 2019-20

Internal Assessment Program – Assignment

Subject - molecular biology

Date – 16 -01-2020 Class – M.Sc.I

Q1) Explain in brief

a) Nucleotide excision repair
b) Base excision repair
c) Mismatch repair
d) Transcriptional coupled repair
e) Transcription in Ecoli
f) Transcription in eukaryotic cell
g) Lac operon
h) Translation process

Chavan S.S.

Head
Department of Zoology
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Commerce & Science, Kopargaon

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DEPARTMENT OF ZOOLOGY

Report of the Activity: 2019-20

Internal Assessment Program – Assignment Date- 20-02-2020

Subject - molecular biology class – M.Sc I

Q1) Define
a) Telomere
b) Centromere
c) Tm
d) Hyperchromicity
e) Hypochromicity
f) Mutarotation
g) Buoyancy
h) Satellite DNA

Q2) explain in brief
a) Nucleosome organization.
b) Types of DNA
c) C value paradox
d) Cot curve
e) DNA replication in bacteria
f) DNA replication in eukaryotic cell.

Charan S.S.

Head
Department of Zoology
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Commerce & Science, Kopargaon

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Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

CRITERIA 6.5.1 Student Centric Activities

Name of Department: Zoology **Academic Year: 2018-19**

SUMMARY

Sr. No	Student Centric Activities	Activity Organised	Date	No. Of Beneficiaries
1.	Experiential Learning	• Practicum	27/12/18 to 01/02/19	295
		• Project	17/3/2019	96
		• Study Tour (Kokamtham)	04/01/19	24
2.	Participative Learning	• Student seminar	10/03/19 to 17/03/19	16
3.	Problem Solving Method	• Assignment	09/09/18 to 20/09/18	96
4.	ICT Methods used	• List of PPT	15/09/18 to 03/04/19	26

Head of Department

Head
Department of Zoology
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Principal

Principal
K.J.Somaiya College
Kopargaon

Practical 2018-19

K.J. SOMAIYA COLLEGE
Dept. of Zoology
KOPARGAON

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya Senior & K. B. Rohamare Junior College of Art's Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF BOTONY / ZOOLOGY

Certificate

Roll No. 16 Class T.Y.B.Sc Exam No. 33492

This is to certify that

Mr./Miss Londhe Jayashri Appasaheb

has performed all the experiments during the year 2018 - 19

as per requirements of H.S.C. Board.

Practical-in-Charge

Examiner :

Date :

Head of Department

K.J. Somaiya Senior & K. B. Rohamare
Junior College of Arts, Commerce & Science

Head
Department of Zoology
K. J. Somaiya College of Arts,
Comm., & Science, Kopargaon

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
Part - III	Organic Evolution.		
①	To study morphological similarities and difference betn ape and man.	27/12/2018	
②	To study successive stages of evolution of man.	02/01/2019	C 1/3/19
③	Study of types of fossils with help of specimens charts / photos.	19/12/2018	
④	To study the animal adaptation in turtle, exocoelus bat and parrot.	2/01/2019	
⑤	To record zoogeographical distribution of animal to respective zoogeographical realms of the world map.	9/01/2019	C 1/3/19
⑥	To study the evidences of evolution of animal to respective zoogeographical realms of the world map.	9/01/2019	

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
II	Environmental Toxicology.		
(i)	To estimate the dissolved CO_2 in given water sample.	24/8/2018	
(ii)	To estimate dissolved O_2 from given sample of water by winkles method.	25/8/2019	C R~ 11/8/19
(iii)	Study of zoo-plankton from fresh water.	18/8/2018	
(10)	To study the physio-chemical properties of water using analysis kit	04/08/2018	C R~ 11/8/19
(12)	Study of the physiochemical properties of soil using analysis kit.	28/07/2018	

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
IV	Molecular Biology and Genetics		
①	Temporary preparation of polythene chromosomes for chironomous larvae.	25/1/2019	C 1/3/19
②	preparation of DNA paper model.	18/1/2019	
③	To study the estimation of DNA by diphenylamine methyl.	15/21/2019	
④	To stain DNA and RNA by methyl greenpyrin.	20/2/2019	C 1/3/19
⑤	Study of Hardy - Weinberg law with suitable recording of genetic traits.	20/2/2019	completed sem 01/3/19

K. J. SOMAIYA COLLEGE ★ Dept. of Zoology ★ KOPARGAON

Project 2018-19

BIRDS

Name - Maid Dhanashri Subhash

Sub - Zoology Project

Roll No - 20 Div - A

Class - SY Bsc Batch - Sg

Year - 2018-19

26/02/19

SOMAIYA COLLEGE
Dept. of Zoology
K.J. KOPARGAON

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TOPIC

Page: Date: / /

Zoology Project.

Subject :- Classification & distinguishing characters of birds.

-By.
Name :- Pranjal D. Dhoble
Class :- S.Y. BSc.
Div. :- A
Roll no. :- 53

7th 26/12/19

SOMAIYA COLLEGE K.J. Dept. of Zoology KOPARGAON

NAME :- NIKAM SANTANA RATENDRA

CLASS :- S.Y. Bsc.

ROLL NO :- 132

SUBJECT :- ZOOLOGY

PROJECT NAME :- STUDY OF FISHES

SOMAIYA COLLEGE
Zoology
KOPARGAON

Date :
Page :
Topic :

EXCURSION REPORT

K. J. SOMAIYA COLLEGE Dept. of Zoology KOPARGAON

Venue :-

@ Godavari River at
1) Mohanibaj nagar.
2) Kokamthan.
3) Sanvatsar.

Name - Shinde Bhavini Sudhakar.
Roll No - 12
Class - TYBSC Zoology.
Academic Year : 2018-019.

Head
Department of Zoology
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

United
United

Kopargaon Taluka Education Society's

K. J. SOMAIYA COLLEGE, KOPARGAON

Department of Zoology

List of Seminar

Subject: Parasitology (2018-19) **Class: T. Y. B. Sc**

Sr. No.	Name of Student	Name of Topic
1	Marke Y. K.	Branches of Parasitology
2	Vahadane K.S.	Animal associations
3	Gawali P.R	Types of Ectoparasites
4	Kakade R .P.	Types of Endoparasites on the basis of time spent in the host
5	Dhavan S. A.	Types of Endoparasites on the basis of location in the host.
6	Rahane V. A.	Types of host: Definitive and Intermediate hosts
7	Ahvate A. P.	Types of host: Paratenic and carrier host
8	Chaudhari K.D.	Types of vectors
9	Autade P. G.	Parasitic Adaptations
10	Deshmukh S.S.	Effects of parasite on host
11	Autade P. A.	Host reactions: Inflammation
12	Yadav R.V.	Host specificity: Types of host specificity
13	Kolhe J.U.	Host reactions: Immunological reactions
14	Nikam S.S.	Zoonosis: Bird Flu(Avian Influenza)
15	Marale V.B.	Zoonosis: Rabies (Hydrophobia)
16	Wagh P.B.	Zoonosis: Toxoplasmosis

Schedule of Seminar will be displayed soon.

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Department of Zoology

List of Seminar

Subject: Biological Chemistry (2018-19) **Class: T. Y. B. Sc**

Sr. No.	Name of Student	Name of Topic
1	Marke Y. K.	Chemical bond: Types and Biological significance
2	Vahadane K.S.	Water: Structure, role in biology and physico-chemical properties
3	Gawali P.R	Concept of acid and base: Type of acids and bases, preparation method, biological significance and Henderson – Hasselbaich equation
4	Kakade R .P.	Buffer: Types, examples, and biological significance
5	Dhavan S. A.	Carbohydrate: Structure, and Classification with biological significance
6	Rahane V. A.	Steriochemical properties of carbohydrate
7	Ahvate A. P.	Carbohydrate: Chemical properties and biological & clinical significance
8	Chaudhari K.D.	Carbohydrate: Structure of mono/ Di/ polysaccharides
9	Autade P. G.	Summary of Above topics
10	Deshmukh S.S.	Amino acid: Classification and biological significance
11	Autade P. A.	Protein: Classification and primary structure, detection of N& C terminal reactions
12	Yadav R.V.	Protein: Secondary structure
13	Kolhe J.U.	Protein: Tartary and quaternary structure
14	Nikam S.S.	Different types of bonds responsible for protein stability and biological significance
15	Marale V.B. S.	Amino acid: Classification and biological significance
16	Wagh P.B.	Summary of Above topics

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K.J.Somaiya Arts, Commerce and Science College, Mohanirajnagar Kopargaon, Dist-Ahmednagar

Student Centric Activity

Department of Geography Academic Year-2018-19

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	A. Practical (UG +PG)	27/11/2018	48+23
		B. Projects (PG)	14/04/2019	09
		C. Dissertation (PG)	14/04/2019	01
		D. Guest Lecture	02/02/2019	25
2.	Participative Learning	A. Quiz	13/08/2018	23
		B. Student Seminar	15/09/2018	23
		C. Geography Day Celebration	14/01/2019	60
		D. Village Survey	09/12/2018	23
3.	Problem Solving Methods	A. Assignments	03/11/2018	23
		B.IIRS Short Term Course	28/03/2019	12
4.	ICT Based Teaching Methods	A. Yutube Lecture	08/10/2018	23
		B. Software Used	01/01/2019	23

Dr.V.S.Salunke

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Dr.G.K.Chavhan
Head
Department of Geography
K. J. Somaiya College, Kopargaon

"Kopargaon Taluka Education Society's"

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Mohanirajnagar, Kopargaon, Dist.Ahmednagar - 423 601

J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

CERTIFICATE

DEPARTMENT OF GEOGRAPHY

This is to certify that Shri./ Smt. KHANDIZOD JAYSHRI RAYBHAN

Roll No. 14, has satisfactory carried out the required practical work, presented by the Savitribai Phule Pune University, Pune for M.A./M.Sc. Part I / ~~II~~, Semester ~~I~~/ II / ~~III~~/ ~~IV~~, course in Geography and that this journal represents his / her bonofied work in the year: 2018-19

Exam Seat No. : 605495

EXAMINED

Date : 13 / 12 /2018

~~Practical~~ In charge
(Prof. Pawar. R. A.)

External Examiner
(Dr. P. S. Randhor)

Head
Department of Geography
Somaiya College Kopargaon
Department of Geography

❖ INDEX ❖

Sr. No.	Title	Page No.	Date	Signature of Authority	Remark
1.	Types				
2.	Data Representation By Various				
3.	Techniques – I			Pawar 05/12/2018	
4.	maps				
5.	Diagrams				
6.			EXAMINED		
7.	Data Representation By Various				
8.	Techniques – II				
9.	plots			Pawar 05/12/18	
10.	Map Projections				
11.	fundamental concepts			Pawar 05/12/18.	
12.	Graphical construction				

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Mohanirajnagar, Kopargaon, Dist.Ahmednagar - 423 601

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Roll No.

Certificate

Exam Seat No.

This is to certify that Shri./ Miss / Mrs. Dabhade shradha Rajendra.

has satisfactory carried out the necessary practical work prescribed by Savitribai Phule Pune University, Pune for S.Y.B.A. / T.Y.B.A. class in Geography and that this journal represents his / her bonafied work in the year 2018 / 2019

EXAMINED

Date : 17 / 03 /2019

Place :

Teacher in Incharge

Examiner

Head
Department of Geography

Department of Geography
K. J. Somaiya College, Kopargaon

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगांव

भूगोल विभाग

* अनुक्रमणिका *

अ.क्र.	घटकाचे नाव	सही
1.	भारतीय स्थलनिर्देशक नकाशे ओळख / प्रस्तावना / वृत्तजाळी संदर्भ सांकेतिकचिन्हे / खुणा / भारतीय स्थलनिर्देशक नकाशांचे प्रकार	
2.	उठाव दाखविण्याच्या पद्धती समोच्च रेषांच्या साहाय्याने	
	कृत्रिकार दर्शविणे	
	पार्श्वरेषा छेद	
3.	नकाशावाचन	
4.	भारतीय दैनंदिन हवेची स्थितीदर्शक नकाशाचे वाचन	
5.	सुदूरसंवेद	
6.	संख्याशास्त्रीय पद्धती	
	विचलनाचे प्रमाण	
	सहसंबंध & समाश्रयण	

EXAMINED

MA/MSC Geography

Research Topic

2018-19

Sr. no.	Name of the student	Title of the Project & Dissertation	Name of the Guide
1.	Dighe Kavita Kailas	"Study of water pollution in Godavari river"	Dr. G. K. Chavhan
2.	Jagtap Sonali Tanaji	"The study of Land use assessment of Kopargaon tahsil through GIS Technique"	Dr. G. K. Chavhan
3.	Kalekar Sonali Balasaheb	"Population characteristics of Nagar Tahsil Dist .A. Nagar."	Dr. G. K. Chavhan
4.	Kandalkar Vaishali Ashok	"Study of water pollution in Godavari river"	Dr. V. S. Salunke
5.	Nikam Shrikant Bhausaheb	"The Geographical study of spatio temporal analysis of rainfall in Ahmednagar district"	Dr. V. S. Salunke
6.	Shinde Sandip Parasram	"The Geographical study of spatio temporal analysis of rainfall in Ahmednagar district"	Dr. G. K. Chavhan
7.	Vakte Priyanka Bhanudas	"The study of Land use assessment of Kopargaon tahsil through GIS Technique"	Dr. G. K. Chavhan
8.	Waghchaure Dipali Pandharinath	"The Geographical study of spatio temporal analysis of rainfall in Ahmednagar district"	Dr. V. S. Salunke
9.	Khandizod Jayshri Raybhan	"Population characteristics of Nagar Tahsil Dist .A. Nagar."	Dr. G. K. Chavhan

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

MA / MSc -II Geography

"STUDY OF WATER POLLUTION IN GODAVERI RIVER: SOURCE, EFFECT, CONTROL AND MANAGEMENT IN KOPARGAON TAHSIL THROUGH GIS TECHNIQUE"

A PROJECT SUBMITTED TO THE
DEPARTMENT OF GEOGRAPHY
K.J. SOMAIYA COLLEGE, KOPARGAON

FOR THE AWARD OF THE DEGREE OF
M.A./M.Sc. IN GEOGRAPHY
(Gg. 441 : Principles of Regional Geography
and Project Work)

By
Miss. Dighe Kavita Kailas

Under the Guidance of
Dr. G. K. Chavhan
Head, Dept. of Geography

DEPARTMENT OF GEOGRAPHY
K. J. SOMAIYA COLLEGE KOPARGAON
APRIL 2019

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DEPARTMENT OF GEOGRAPHY
K. J. SOMAIYA COLLEGE KOPARGAON.
APRIL2019

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Geography

CERTIFICATE

This is to certify that the project work entitled as **"STUDY OF WATER POLLUTION IN GODAVERI RIVER: SOURCE, EFFECT, CONTROL AND MANAGEMENT IN KOPARGAON TAHSIL THROUGH GIS TECHNIQUE"** is a genuine and original research work done by **Miss. Dighe Kavita Kailas** carried out under my supervision and guidance during the course of M. A. / M. Sc. Geography for the award of the Project in under the Faculty of Geography.

Date : April , 2019
Place : Kopargaon.

Dr. G. K. Chavhan

(Research Guide)

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Dr. G. K. Chavhan
Head, Dept. of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon Dist. Ahmednagar Pin-423601

Dr. B. S. Yadav
Principal

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

External Examiner 14/4/19

EXAMINED

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

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4.3 CALCULATE WATER VOLUME

When you can do the 'polluted water management' so first we need to understand the total volume of water and after that you can do the proper management. With your proper planning so there are several methods of water volume calculation but we use a following method.

Tank volume =length x Width x height

V= l x b x h

If the dimension are length=

Length=8feet
Width=6feet
Height=5feet

V= l x b x h

V= 8 x 6 x 5
240ft3

That capacity will be
Q = 240 X 28.31
6794.4 liter
The conversion ratio for
M3 and liter is
1M3 = 1000 liter.
The conversation ratio for
Ft3 and liter is
1ft3= 28.31 liter.

LAKE.NO.1	NORTH	WEST	EAST	SOUTH	DEPH
1.FEET	637.23	39.13	407.08	199.76	6 FEET
METER	104.23	119.22	124.08	655.37	

Lake No.1

Length
=637.23+199.76/2
=836.99/2
=418.50

Width
= 391.13+407.08/2
=798.21/2
=399.11

V= l x b x h

V=418.50 x 399.11x6
167027.54 x6
1002165.21.....(Converted into liter)
Thus 1002165.21 x 28.31
=28371297.1 liter

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CHAPTER.6
CONCLUSION

INTRODUCTION

Water pollution is an environmental problem that is of major concern to us in our India and the world at large. Human contribution to water pollution is enormous by way of defecating, dumping of refuse, industrial wastes and washing of clothes etc.....

Apparently, environmental education is of immense importance to use particularly in schools and should have a place in the school curriculum. In this way they will be less inclined to pollute our waters. It is pertinent that environmental education is introduced in schools and be made compulsory. Federal, State and Local Government should establish agencies to monitor our environment and equally to be sure that our environment is kept clean and free from refuge dumps. Industrial homes or family should equally inculcate a hygienic environment particularly in their vicinity, according to be adage that says charity beings at home. Our industries should go advance in trying to recycle these wastes instead of dumping them for rain water to sweep these refuse into our rivers and streams making them undrinkable.

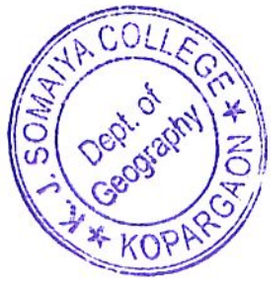
FINDING

1) With the help of underground water management reduce the total water pollution in Godavari river near the Kopargaon tahsil.

2) The underground water management is helpful to the all merian organism which is mostly affected/ lose their life by the polluted water.

3) The polluted underground water also useful to the agriculture when this water can convert into fresh water.

4) This kind of underground water management can't possible in every were because the barren land can't present in every were and some area where the agricultural activity is dominated so the farmer they cannot give easily their land to Tahsil. Thus in above case the underground water management possible in left bank of Godavari river because barren land is presenting left side but in the case of .right bank do not have a barren land so the some limitation has been occur in this type of management right bank.



Dissertation **Research Topic**

2018-19

Sr. no.	Name of the student	Dissertation	Name of the Guide
1	Anap Akshay Machhindra	"Marriage in Blood Relation (Consanguineous & Non Consanguineous) & Their impact on Offspring A study in health Geography"	Dr. V. S. Salunke

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

"Marriages in Blood Relations (Consanguineous & non-Consanguineous) & Their Impact on Offspring: A Study in Health Geography"

A Dissertation Submitted for the partial Fulfillment of Award of Degree of

MASTER OF ARTS/SCIENCE

IN

GEOGRAPHY

Submitted to

SAVITRIBAI PHULE UNIVERSITY OF PUNE

By

Mr. Anap Akshay Machhindra

Under the Guidance of

Dr. Vasudev. S. Salunke

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

DEPARTMENT OF GEOGRAPHY

K. J. SOMAIYA COLLEGE KOPARGAON

APRIL 2019

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K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
KOPARGAON, MOHANIRAJNAGAR- 423601.
ISO 9001:2015, Green Audit (A064), DST-FIST Sponsored College

A DISSERTATION ON

"Marriages in Blood Relations (Consanguineous) & Their Impact on Offspring: A Study in Health Geography"

Dissertation Submitted to
Savitribai Phule University of Pune
As a partial fulfillment for Award the Degree of M.A. / M.Sc.
Geography
Course Gg: 440

By
Mr. Akshay Machhindra Anap

Under the Guidance of
Dr. Vasudev. S. Salunke
DEPARTMENT OF GEOGRAPHY

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE & SCIENCE
KOPARGAON-423601.
Year 2018-19

Kopargaon Taluka Education Society's
K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
MOHANIRAJNAGAR, KOPARGAON - 423601.
ISO 9001:2015, Green Audit (A064), DST-FIST Sponsored College

Date: 14/4/2019

EVALUATION CERTIFICATE

This is to certify that the undersigned have assessed and evaluated the dissertation **"Marriages in Blood Relations (Consanguineous) & Their Impact on Offspring :A Study in Health Geography"** Submitted by **Mr. Akshay Machhindra Anap** The project report has been accepted / rejected for the partial fulfillment of the degree of Master of Arts/ Science in Geography.

Internal Examiner
Name: Dr. G. K. Chachan
Date: 14/4/19

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

External Examiner
Name: Dr. C. B. Chaudhar
Date: 14/4/19

Kopargaon Taluka Education Society's
K.J.SOMAIYA COLLEGE OF ARTS, COMMERCE AND SCIENCE
MOHANIRAJNAGAR, KOPARGAON - 423601.
ISO 9001:2015, Green Audit (A064), DST-FIST Sponsored College
Affiliated to Savitribai Phule Pune University, Pune. NAAC Reaccredited College
3rd Cycle
(ID No. PU/AN/ASC/07(1964) (A) Grade

Ref:

Date: 14/4/2019

Principal,

Dr. B.S.YADAV

M.Sc., Ph.D.

K.J.Somaiya College Kopargaon

CERTIFICATE

This is to certify that **Mr. Anap Akshay Machhindra** Student of M.A./ M.Sc.-II Geography has completed project work entitled **"Marriages in Blood Relations (Consanguineous & non-Consanguineous) & Their Impact on Offspring :A Study in Health Geography"** as a partial fulfillment for the award of degree of **Master of Arts / Science** as per the syllabus of University of Pune (Academic Year 2018-19). I further certify that the work has been carried out under the guidance of Dr. V. S. Salunke, Asst. Prof. Department of Geography, K. J. Somaiya College Kopargaon.

14/09/19.

Dr. V.S. Salunke
Project Guide

Dr. G. K. Chavan
Head
Head of Department
Department of Geography
K. J. Somaiya College, Kopargaon

Dr. B. S. Yadav
Principal
Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargao
Pin-423601, Dist. Ahmednagar

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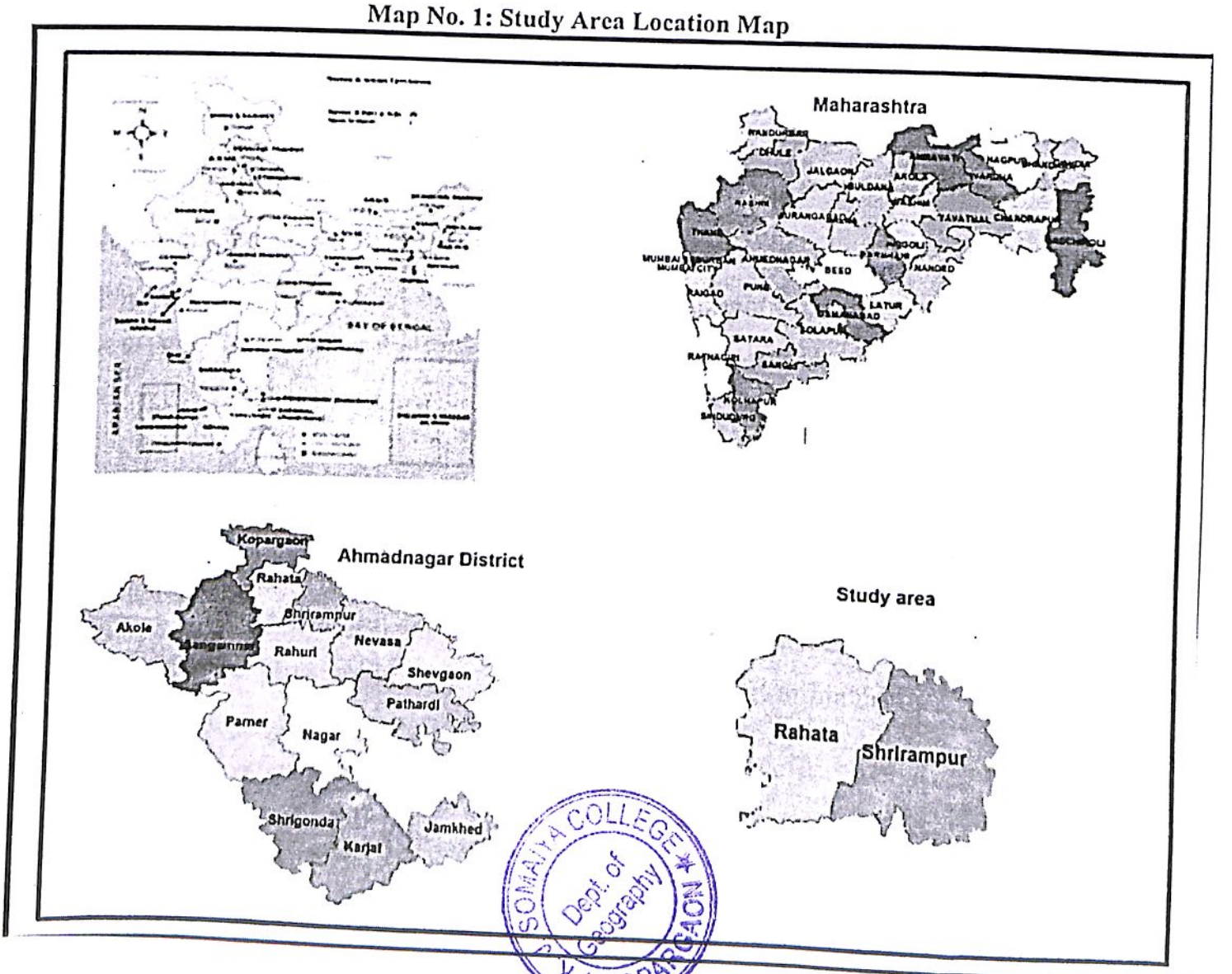
2.1 Location of the Study Area:

For this study Rahata and Shrirampur taluka has been selected. Both talukas lies in North Ahmednagar District and Rahata taluka total population is 320485. And Shrirampur taluka population is 287500 in both Due to river, canal irrigation facility talukas agriculture were main activity.

1) The Rahata Taluka of Ahmednagar district cover on area of 759 km2. The elevation is near about 500 m above mean sea level. Rahata Taluka is situated on about 85 km away from Ahmednagar city.

2) The Shrirampur Taluka location of $19^0$61'95''North to $74^0$66'03"East north side in Ahmednagar district. The Srirampur Taluka of the side location in Newasa, Rahuri and Rahata Taluka and north east side of Aurangabad district.

Map No. 1: Study Area Location Map



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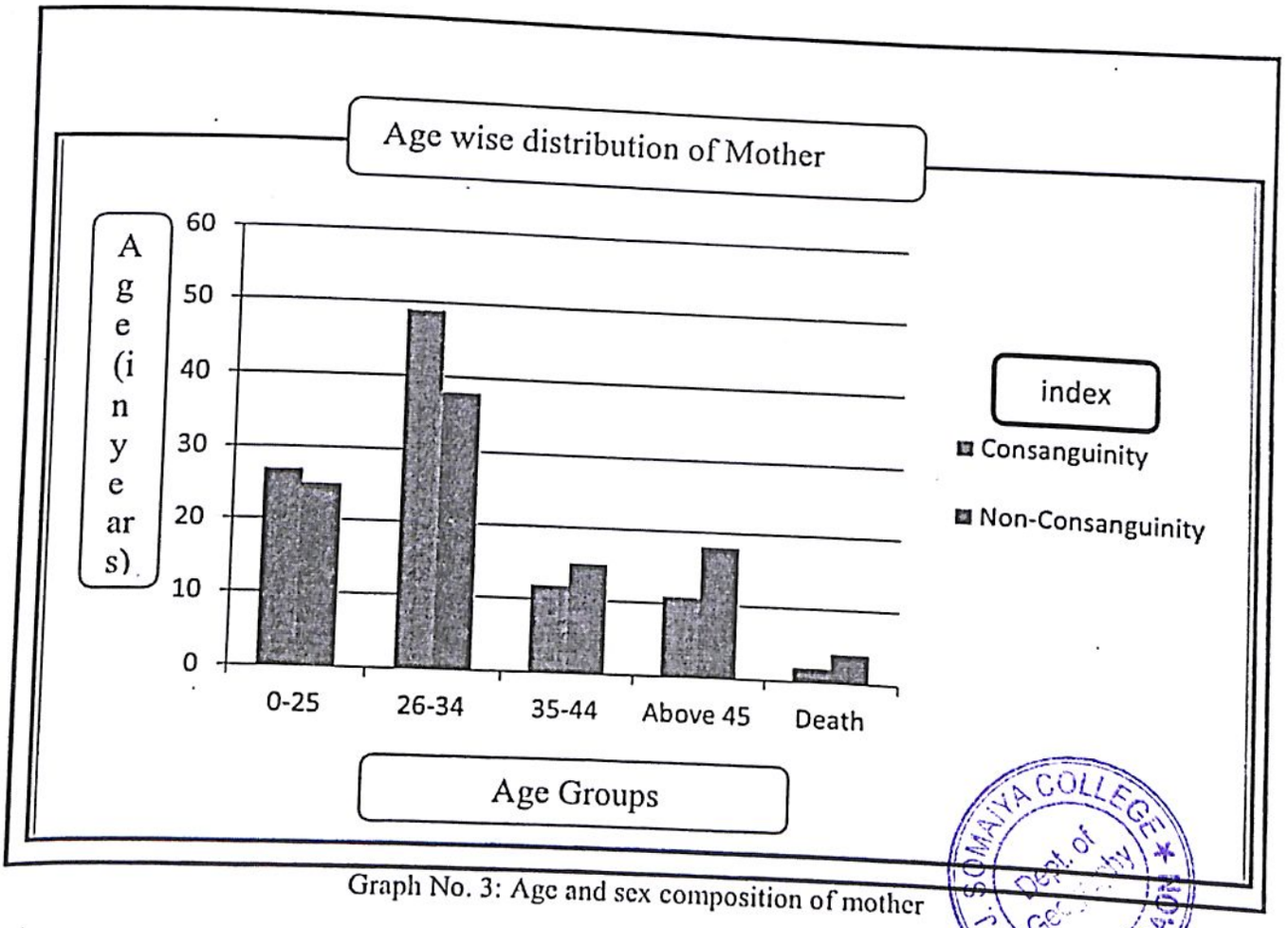
3.1 Age and Sex Composition:

Mother:- Age wise distribution of Mother

Table No. 3: Age and sex Composition of Female

Sr. No.	Age Group	Consanguinity	Total %	Non-Consanguinity	Total %
1	0-25	27	27.27	25	26.04
2	26-34	49	49.49	38	39.58
3	35-44	12	12.12	15	15.62
4	Above 45	11	11.11	18	18.75
5	Death	02	2.02	04	4.16

Source: Field Survey 2019



Graph No. 3: Age and sex composition of mother

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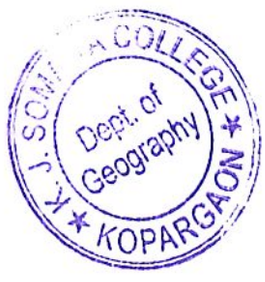
Table no. 3 distribution of mother in Shrirampur and Rahata taluka has been given in the age group of 0 to 25, consanguinity is 27.27% and non-consanguinity is 26.04%. Also, the number of consanguinity in the age group of 26 to 34 is 49.49% and non-consanguinity is 39.58%. The number of consanguinity in the age group of 35 to 44 is 12.12% and non-consanguinity is 15.62%. The number of consanguinity in the age group 45 years is 11.11% and non-consanguinity is equal to 18.75%.

5.1 Conclusion:

In the study of 'Consanguinity and Disease its Problem in Children and Consanguinity and Disease its Problem in parents, here we clearly find that one important things relates our study which is the probability of diseases is higher as compare to children and parents belonging to non consanguinity. In early work of research explained hypothesis 'Marriages in blood relationship (consanguinity) give birth to severe and serious ailments amongs offspring's' its proved on the basis of various kind of tools we used in our research.

In gathered information of our study, most of Interviewee belongs to Hindu religion which is 88%,and Interviewee belongs to Muslim religion is 12%.In which most of Interviewee belongs to Maratha sub cast, in this sub cast Consanguinity is common plasticized. Those people of Maratha sub casts, belongs to non Consanguinity background those are facing very less proportion of any kind of eye Deformity, deterrent to speaking, blindness, weakness, Dim, Brown Eyes, Stomach in Mouth, black & White spot in Skin, Arthritis, Red Blot In Mouth, Not Heard, Comes To Fit, Baldness, Asthma relates diseases. Similar results found in second group of interviewee which is belongs to Muslim community, and here also Consanguinity is common plasticized. because of that exactly 33.33% people having eye deformity, deterrent to speaking, blindness, weakness, Dim, Brown Eyes, Stomach in Mouth, black & White spot in Skin, Arthritis, Red Blot In Mouth, Not Heard, Comes To Fit, Baldness, Asthma relates diseases and its probability found on higher scale.



दिनांक- ३१/०१/२०१९

के. जे. सोमैया महाविद्यालय कोपरगाव

भूगोल विभाग

सूचना

भूगोल विभागातील सर्व विद्यार्थ्यांना (SYBA/TYBA/MA/MSc) सूचित करण्यात येते कि, भूगोल विभागामध्ये विद्यार्थ्यांसाठी श्री पद्ममणी जैन कला , वाणिज्य व विज्ञान महाविद्यालय ,पाबळ महाविद्यालयातील भूगोल विभाग प्रमुख प्रा. हनुमंत शिंदे यांचे (Guest Lecture) व्याख्यान आयोजन करण्यात आले आहे, तरी सर्व विद्यार्थांनी भूगोल विभागामध्ये दिनांक - ०२/०२/२०१९ रोजी सकाळी १०.०० वा उपस्थित राहावे .

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

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K.J. Somaiya College Kopargaon

Department of Geography

(Guest Lecture) Attendance

(SYBA/TYBA/MA/MSc) Date – 02/02/2019

अ.नं	विद्यार्थ्यांचे नाव	वर्ग	सही
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3.	देवकर सुजाता मोहन	T.Y.B.A.	Darekar. S.M.
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23.	Anap Akshy Machhindra.	M.A	[signature]
24.	sinde ~~Kavita~~ sandeep	M.A	[signature]
25.	वक्ते प्रियंका भाऊदास	M.A.	[signature]
26.	काळेकर सोनाली बाळासाहेब	M.A.	S.B. Kalekar

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Department of Geography
(Guest Lecture) Photographs



प्रा.हनुमंत शिंदे यांचा सत्कार करताना भूगोल विभागाचे प्राध्यापक डॉ.जी.के.चव्हाण व डॉ.व्ही.एस.साळुंके



प्रा.हनुमंत शिंदे व्याख्यान देताना

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व्याख्यान अहवाल

के जे सोमय्या महाविद्यालया अंतर्गत भूगोल विभागने श्री पद्ममणी जैन कला , वाणिज्य व विज्ञान महाविद्यालय ,पाबळ महाविद्यालयातील भूगोल विभाग प्रमुख प्रा. हनुमंत शिंदे यांचे (Guest Lecture) व्याख्यान आयोजन करण्यात आले. त्यात त्यांनी विद्यार्थ्यांना भूगोलाचे महत्व आणि भूगोलातील संधी यासाठी मोलाचे मार्गदर्शन केले.आपल्या मार्गदर्शनात शिंदे यांनी GIS व Remote Sensing या नवीन संधी भूगोलातील विद्यार्थ्यांना कशा नवीन रोजगार देऊ शकतात हे स्पष्ट केले यासोबतच Geoinformatics या यासारख्या प्रगत तंत्रामुळे विद्यार्थ्यांना IT क्षेत्रात खूप संधी उपलब्ध होतात हे ही संगितले.IIRS, NRSC या ठिकाणी काही नवीन कोर्सेस आले आहेत याचाही फायदा विद्यार्थ्यांनी घ्यावा असे प्रतिपादन केले. या व्याख्यानसाठी 26 विद्याठी हजार होते .

भूगोल विभाग

प्रमुख

Head
Department of Geography
K. J. Somaiya College, Kopargaon

दिनांक- 07/01/2019

के. जे. सोमैया महाविद्यालय कोपरगाव

भूगोल विभाग

सूचना

महाविद्यालयातील सर्व विद्यार्थांना सूचित करण्यात येते कि, भूगोल विभागाने भूगोल दिनाच्या निमित्ताने दिनांक - १२ /०१/२०१९ रोजी भौगोलिक सामान्यज्ञान स्पर्धा (Quiz) आयोजित केली आहे . तरी महाविद्यालयातील सर्व विभागातील विद्यार्थी यात भागी घेऊ शकता . स्पध्येचे स्वरूप वस्तुनिष्ठ प्रश्न असून स्पर्धा १०. ०० वा सुरु होईल याची सर्व विद्यार्थांनी नोंद घ्यावी .

भूगोल विभाग
प्रमुख
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Geography

के.जे.सोमैया कला, वाणिज्य व विज्ञान महाविद्यालयं कोपरगाव.

भूगोल विभाग

भौगोलिक सामान्यज्ञान स्पर्धा

मिळालेले गुण :

विद्यार्थी / विद्यार्थिनी नाव : ----------

महाविद्यालयाचे नाव ----------

वर्ग: ---------- दि.१२/०१/२०१९

बैठक क्र : ---------- गुण:१००

1) भारताचा जगात लोकसंख्याबाबतीत कितवा क्रमांक लागतो.?

1)पहिला 2) दूसरा 3) तीसरा 4) चोथा

२)मानवाच्या सभोतालच्या भोगोलिक परिस्थितिस ----------म्हणतात .?

1) पर्यावरण 2) वातावरण 3) जीवावरन 4) जलावरन

3)भारतात जवळपास् ..... % क्षेत्र वनानी व्यापले आहे.?

1) 33 2) 23 3) 13 4) 32

4) भारतात 2011 च्या जनगनेनुसार सर्वाधिक साक्षर असलेले राज्य ?

1) गुजरात 2) महाराष्ट्र 3) केरल 4) कर्नाटक

5) ..... हा भारताचा राष्ट्रीय पक्षी आहे ?

1) कबूतर 2) चिमनी 3) घुबड़ 4) मोर

) खलीलपेकी कोणता अपारपरिक ऊर्जा स्रोत आहे ?

1)कोळसा 2) नैसर्गिक वायु 3)सौर ऊर्जा 4) पेट्रोलिअम

7) महासागरानी पृथ्वीचा ..... % पुष्टभाग व्यापला आहे.?

1) 29 2) 71 3) 79 4) 21

8) चिव्ल्का सरोवर ..... या राज्यात आहे.?

1) महाराष्ट्र 2) ओरिसा 3) कर्नाटक 4) गुजरात

9) क्षेत्रफळाच्या दृष्टीने भारतातील सर्वात मोठे राज्य .?

1) राज्यस्थान 2) मध्यप्रदेश 3) महाराष्ट्र 4) गुजरात

10) भारताचा शेजारील सर्वात छोटे राष्ट्र कोणते.?

SOMAIYA COLLEGE Dept. of Geography

1) मालदीव 2) श्रीलंका 4) नेपाल 4) भूटान

11) भारतातील सर्वाधिक पर्ज्यन्याचे ठिकाण ..... येथे आहे.?

1) मौसूनरम 2) महाबलेश्वर 3) सह्याद्रि पर्वतरांग 4) सापुतारा पर्वतरांग

12)मूळ रेखावृत्त कोणत्या शहरावरुन गेले आहे.?

1) ब्राजील 2) फ्रांस 3) जर्मनी 4) इंग्लैंड

13) पृथ्वीगोल ही पृथ्वीची ..... असते।?

1) चित्रकृति 2) छायाकृति 3) प्रतिकृति 4)मूळ आकृति

14) नकाशातील सांकेतिक खुणा व चिन्हयाचा अर्थ कशामध्ये दिलेला असतो.?

१) सुची २) समास ३) दिशादर्शक ४) हेतु

१५) क्षेत्रभेटीचा प्रमुख ..... हा उददेश असतो.?

१) एखादया ठिकाणी प्रत्यक्षात जाऊन खरेदी करने २)एखादया ठिकाणी प्रत्यक्षात जाऊन वाद – विवादात भाग घेणे

३) एखादया ठिकाणी प्रत्यक्षात जाऊन तेथील भोगोलिक परिस्थिती जाणून घेणे. ४) फक्त फिरण्यासाठी जाने

१६) क्षेत्र भेटीमुळे ..... संधी प्राप्त होते.?

अ) खरदी करण्याची ब) निरीक्षण करण्याची क) व्यावसाय करण्याची ड) स्थानिक लोकांशी चर्चा करण्याची

१) अ आणि क 2) ब आणि ड 3) अ, ब , क 4) अ आणि ड

17) जागतिक ओझोन दिन ..... दिवशी असतो.?

1) 12 सप्टेंबर 2) 5 जून 3) 16 सप्टेंबर 4) 12 मार्च

18) कम्प्युटरचे जनक याना म्हणतात.?

1) नूटन 2) चाल्स ब्याबेज 3) मार्क जुगरबर्ग 4) जेम कूक

19) डायनामाइटचा शोध..... यानी लावला.?

1) अल्फ्रेड नोबल 2) आइन्सस्टेइन 3) नूटन 4) चाल्स ब्याबेज

20) केरळ किनारपट्टीला ..... म्हणतात ?

1) मलबार 2) कोंकण 3) कारवार 4) कांडला

21) भारताच्या तीनही सागरी सीमा एकत्र येण्याचे ठिकाण ..... आहे.?

1) गुजरात 2) कन्याकुमारी 3) हिमालया 4) राज्यस्थान

22) तपाबर थराबाबाद योग्य विधान ओळखा.?

अ) हा थर सर्वात वर असतो ब) या थरातजसे – जसे वर जावे तसे - तसे तापमान वाढते.

क) ऊंची नुसार तापमान कमी कमी होत जाते ड) हा थर जमीनीलगत असतो.

.,ब ,क, ड 2) फक्त अ 3) अ, ब 4) क आणि ड

23) भूगर्भतील उष्णता वापरुन ऊर्जा निर्मिती करणारे मणिकरण प्रकल्प कोणत्या राज्यात आहे.?

1) आसाम 2) हिमाचल प्रदेश 3) अरुणाचल प्रदेश 4) सिक्किम

24) भारतीय महावाळवंटात खलीलपेकी कोणती एकमेव महत्वाची नदी आहे.?

1) सिंधु 2) सतलज 3) लुनी 4) गंगा

25) जोडया लावा.

भूकंप लहरी		सांकेतिक चिन्ह
A) प्राथमिक	-------	1) S
B) दुय्यम	-------	2) L
C) क्षितिज समांतर	-------	3) P

	अ	ब	क
1)	C	B	A
2)	C	A	B
3)	A	C	B
4)	A	B	C

26) चंद्र ग्रहनाचा वेळी सूर्य, चंद्र, पृथ्वी, यांचा क्रम खालीलपेकी कोणता.?

1) पृथ्वी- चंद्र- सूर्य 2) चंद्र- सूर्य- पृथ्वी 3) सूर्य- पृथ्वी -चंद्र 4) सूर्य- चंद्र- पृथ्वी

27) सांडपाण्यामुले ..... प्रदूषण होऊन ते घातक ठरते.?

1) हवेचे 2) बष्पाचे 3) जल स्रोताचे 4) पदाथार्चे

28) क्षेत्रफळाच्या दृष्टीने भारतातील राज्यचा योग्य उतरता क्रम कोणता।?

1) राजस्थान , महाराष्ट्र , मध्यप्रदेश ,गोवा

2) महाराष्ट्र,राजस्थान , गोवा , मध्यप्रदेश

3) मध्यप्रदेश, गोवा, महाराष्ट्र, राजस्थान

4) राजस्थान , मध्यप्रदेश, महाराष्ट्र, गोवा

29) लक्षद्वीप बेट हे ..... याचे उदाहरण आहे.?

1) प्रवाल निर्मित 2) विवर्ततीय 3) ज्वालामूखी निर्मित 4) जलोदीप निर्मित

30) जोडया लावा.

	वारे		देश
1)	अ) फोहन		1) रोकी पर्वत

2) ब) झोंडा

3) क) सांता- आना

4) ड) स्ट्रोल

2)आल्प्स पर्वत

3) अर्जेंटिंना

4) फ्रांस

	अ	ब	क	ड
1)	4	3	2	1
2)	2	3	1	4
3)	4	2	3	1
4)	1	2	3	4

31) अयोग्य जोड़ी ओळखा ?

1) चहा – आसाम 2) कांदा – नाशिक 3) लवंग – केरल 4) केशर –छत्तीसगढ़

32) भारतातील ..... पठाराला खानिजचे भंडार म्हणून ओलखले जाते.?

1) महाराष्ट्र 2) छोटा नागपूर 3) मारवाड़ 4) दक्खन

33) सखल भागात गाळाचे संचयन होऊन तयार होणारा खड़क कोणता.?

1) स्तरित खड़क 2) रूपांतरित खड़क 3) बेसल्ट खड़क 4) अंतर्निर्मित खड़क

34) वनस्पती कोणत्या प्रक्रियाद्वारे सौर ऊर्जेचा वापर करून आपले अन्न करतात.?

1) श्वसन 2) प्रकाश- संसलेशन 3) अंतेरक्रिया 4) विघटन

35) भूकंपाची तीव्रता मोजन्याचे एकक..... आहे।?

1) तापमापी 2) रिष्टर स्केल 3) फादोमीटर 4) फदम

36) नदीचा मुखाजवळील गाळाच्या त्रिकोनाकृति प्रदेशाला काय म्हणतात.?

1) पुरमैदान 2) कुंभगर्त 3) पूरतट 4) त्रिभुज प्रदेश

37) महाराष्ट्र राज्याचा 80% पेक्षा जास्त भूभाग कोणत्या खड़कापासून बनला आहे

1) गाळाच्या 2)स्थालांतरित 3)बेसाल्ट 4)निस

38) हा जागतिक आरोग्य दिन म्हणून जाहीर करण्यात आला आहे

1) 7 जून 2) 7 एप्रिल 3)12 मे 4) 12 डिसेबर

39) भारत सरकार ने सुरू केलेली ई-हात --------- हे संकेत स्थल कशाशी संबधीत आहे .?

1)महिलांच्या सुरक्षित्ततेसाठी 2) महिला उद्योजकसाठी 3)बालक विकास 4)वरील सर्वे

40) राष्ट्रीय मतदार दिन ----------रोजी असतो.

1)29 जाने. 2) 21जाने .3) 24 जाने. 4) 22 जाने.

41) नुकत्याच कोण पहिल्या भारतीय महिला आंतरराष्ट्रीय नाणे-निधीच्या मुख्य-अर्थतज्ञपदी रुजू झाल्या .?

1) सुषमा स्वराज 2) गीता गोपीनाथ 3) सायना नेहवाल 4) किरण बेदी

42) कोणत्या शहराला महाराष्ट्राची पर्यटन राजधानी म्हणतात,?

1) औरंगाबाद 2) लातूर 3) नागपूर 4) पुणे

43) महाराष्ट्राला लागून कोणत्या राज्याची सीमा जास्त आहे।?

1) मध्यप्रदेश 2) गुजरात 3) कर्नाटक 4) तेलंगना

44) "पोलो" खेळाचा उगम कोणत्या राज्यात जाला.?

1) गुजरात 2) महाराष्ट्र 3) मनीपुर 4) आसाम

45) राज्यसरकारचा सौर-ऊर्जा संवर्धनासाठीचा पुरस्कार कोणत्या महानगर पालिकेला मिळाला आहे ?

1) पुणे 2) सोलापुर 3) ठाणे 4) कोल्हापूर

46) कोणत्या राज्यात सर्वाधिक रबर ची लागवड केली जाते.?

1) केरळ 2) तमिळनाडू 3) आसाम 4) गुजरात

47)' ना नफा' ना 'तोटा' या तात्ववर वस्तु व सेवाचे उत्पादन व त्याचा पुरवठा ..... क्षेत्रादुवारे केला जातो.?

1) संयूक्त क्षेत्र 2) खाजगी क्षेत्र 3) सार्वजनिक क्षेत्र 4) यापेकी नाही

48) कोकणात ..... प्रकारचा पाऊस पड़तो।?

1) आवर्त 2) प्रतिरोध 3) आरोह 4) अवकाळी

49) शिवपुरी नेशनल पार्क कोणत्या राज्यात आहे.?

1) गुजरात 2) महाराष्ट्र 3) मध्यप्रदेश 4) उत्तेरप्रदेश

50) राधानगरी अभयारण्य कोणत्या प्राण्यासाठी राखीव आहे.?

1) सिहासाठी 2) गव्यासाठी 3) हरीणसाठी 4) बिबट्यासाठी



कोपरगाव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया महाविद्यालय , कोपरगाव

भूगोल विभाग

(UG LEVEL)

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(आसन क्र.1 ते 60 BLOCK NO: 47)=TOTAL STUDEN=60

(आसन क्र. 61 ते 82 BLOCK NO:48)=TOTAL STUDENT=22

अ नं / आसन क्र.	विद्यार्थ्याचे नाव	वर्ग	सही
१	चौधरी प्रसाद राजेंद्र	एस.वाय.बी.एस्सी	Chaudhary.
2	भारस्कार तुषार	एस.वाय.बीए	Bhar
3	गुंजाळ महेश दत्तात्रय	एस.वाय.बी.एस्सी	
4	कर्ले वैभव	एस.वाय.बीए	Shubhal.
5	विडवे वैभव जगन्नाथ	एफ.वाय.बी.ए.	
6	मेहरखांब किरण	एस.वाय.बीए	Kirtan
7	सोनवणे शुभम मोहन	एफ.वाय.बी.ए.	
8	वाईकर राम	एस.वाय.बी.ए	
9	खकाळे रोहिणी बाळासाहेब	एस.वाय.बी.ए.	Khakale R.B
10	निकम पवन	एस.वाय.बी.ए	
11	डांगे पूनम जालिंदर	टि.वाय.बी.ए.	Dange
12	ठाकरे जलिंदर	एस.वाय.बी.ए	
13	धनता हिम्मतराव होळकर	टि.वाय.बी.ए.	Dhanatar
14	अभाळे पूजा	एस.वाय.बी.ए	Abhale
15	भावसार वैष्णवी	टि.वाय.बी.ए.	
16	शेळके अश्विनी	एस.वाय.बी.ए	Shelke
17	गायकवाड वैष्णवी	टि.वाय.बी.ए.	
18	खाचरे योगेश	एस.वाय.बी.ए	Thorchone
19	जमधडे कल्याणी राजेंद्र	टि.वाय.बी.ए.	
20	पारसे प्रियंका	एस.वाय.बी.ए	Parkhe PD
21	दाभाडे श्रद्धा राजेंद्र	टि.वाय.बी.ए.	
22	पाचोरे प्रियंका	एस.वाय.बी.ए	Priyanka P.
23	महाले श्रद्धा	टि.वाय.बी.ए.	S.S.M
24	बोरावाके गायत्री	एस.वाय.बी.ए	Gayatri
25	भुजाडे मिना जयवंत	टि.वाय.बी.ए.	
26	कोताडे पल्लवी	एस.वाय.बी.ए	Kotade P
27	विघे माधुरी अनिल	एफ.वाय.बी.ए.	Vighe. M.A
28	शिलेदार देवयानी	एस.वाय.बी.ए	Shiledar
29	वागुल पूजा उत्तम	एफ.वाय.बी.ए.	Bagul.P
30	आहेर धनश्री	एस.वाय.बी.ए	Aher D.V
31	त्रिभुवन राजेश्वरी राजू	एफ.वाय.बी.ए.	
32	कोळपे सविता पोपट	टि.वाय.बी.ए	Skape
33	साळवे प्रतीक्षा दिपक	एफ.वाय.बी.ए.	Pserke
34	गवळी सुप्रिया नानासाहेब	टि.वाय.बी.ए	Sawali
35	साळवे गौरी	एफ.वाय.बी.ए.	G.Salve.
36	वारे निकिता विठ्ठल	टि.वाय.बी.ए	Ware
37	गायकवाड शितल	एफ.वाय.बी.ए.	Gaikwad
38	जाधव शुभांगी दत्तात्रेय	टि.वाय.बी.ए	Shubhangi

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39	बारहाते सोनाली	टि.वाय.बी.ए.	Barhats
40	जाधव कांचन दशरथ	टि.वाय.बी.ए	Jadhav.K.D
41	चौधरी गीतांजली राजेंद्र	एस.वाय.बी.ए.	Chaudhari
42	देसले संगीता सुरेश	टि.वाय.बी.ए	[illegible]
43	खडागळे कांचन बबन	एफ.वाय.बी.ए.	K.K.B
44	देसले आशा सुरेश	टि.वाय.बी.ए	[illegible]
45	निकम कावेरी प्रभाकर	टि.वाय.बी.ए.	[illegible]
46	क्षीरसागर आदेश रमेश	टि.वाय.बी.ए	[illegible]
47	कोपरे कोमल रामदास	टि.वाय.बी.ए.	[illegible]
48	उबाळे शुभम उमेश	टि.वाय.बी.ए	[illegible]
49	साळवे शुभांगी दिपक	टि.वाय.बी.ए.	[illegible]
50	मेहरखांब प्रशांत रतन	टि.वाय.बी.ए	[illegible]
51	लोंढे गौरी शरद	एस.वाय.बी.ए.	Londhe G
52	रूईकर सचिन कैलास	टि.वाय.बी.ए	
53	वायखिंडे अंजली संजय	एफ.वाय.बी.ए.	[illegible]
54	पठारे ऋतुल राजेंद्र	एफ.वाय.बी.ए	
55	दरेकर सुजाता मोहन	टि.वाय.बी.ए.	[illegible]
56	जाधव स्वानंद बाळासाहेब	एफ.वाय.बी.ए	
57	कोल्हे शितल सुदाम	टि.वाय.बी.ए.	Bolhess
58	दोडके नितिन अशोक	एफ.वाय.बी.ए	
59	थोरात ज्योती बाळासाहेब	एस.वाय.बी.ए.	JThorat
60	नेरपागर प्रविण दादासाहेब	एफ वाय बी एस्सी	Nerpagar.P.D
61	गोर्डे संचिता बाळासाहेब	एस.वाय.बी.ए.	[illegible]
62	गुंड केतन भगवान	एफ वाय बी एस्सी	[illegible]
63	ढमाले अक्षय मारुती	एस.वाय.बी.ए.	[illegible]
64	राहीज रोहित भास्कर	एफ.वाय.बी.ए	[illegible]
65	ठोंबरे पुनम सुभाष	एफ.वाय.बी.ए.	[illegible]
66	शेंडगे सूरज सुभाष	एफ.वाय.बी.ए	[illegible]
67	ठोंबरे रोहिणी नानासाहेब	एफ.वाय.बी.ए.	[illegible]
68	सुजीत काळे	एफ.वाय.बी.ए	Skale
69	जगताप विष्णु दिलीप	एफ.वाय.बी.कॉम.	[illegible]
70	पठारे शुभम	टि.वाय.बी.ए	[illegible]
71	भुनारे श्रीनिवास भारत	एफ.वाय.बी.कॉम.	[illegible]
72	लोणारे रोहिणी	टि.वाय.बी.ए	
73	सोमासे प्रसाद जगन्नाथ	एफ.वाय.बी.कॉम.	[illegible]
74	शिंदे मानसी दिलीप	एस.वाय.बी.एस्सी	Mansi
75	लोहिया मानसी	एफ.वाय.बी.ए.	Mohiya
76	आमले सोनाली हेमंत	एफ.वाय.बी.ए.	Almak
77	पालंदे अजय पोपट	एस.वाय.बी.ए.	[illegible]
78	सोमासे आरती गोरखनाथ	एस.वाय बी.कॉम	[illegible]
79	विडवे निकिता दत्तात्रय	एस.वाय.बीकॉम	Nikita
80	हारम वसुधा सुनिल	एस.वाय.बीकॉम	[illegible]
81	भोसले शैलेश कांतीलल	एस.वाय.बीए	Shailesh
82	माळी आकाश संजय	एस.वाय.बीए	Akash
83	पानगव्हाणे कोमल कैलास	टी.वाय.बी.ए.	[illegible]
84	जाधव निकिता बसंत	टी.वाय.बी.ए	Jadhav N.V
85	यंदे वर्षा विजय	टी.वाय.बी.ए.	Yande.V.V
86	पगारे रतिराज बाळासाहेब	टी.वा.बी.ए.	[illegible]
87	मोकळ वितोन सुभाष	टी.वा.बी.ए.	[illegible]

कोपरगाव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया महाविद्यालय , कोपरगाव

भूगोल विभाग

(UG LEVEL)

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(आसन क्र.1 ते 60 BLOCK NO: 47)=TOTAL STUDEN=60

(आसन क्र. 61 ते 82 BLOCK NO:48)=TOTAL STUDENT=22

अ नं / आसन क्र.	विद्यार्थ्याचे नाव	वर्ग	एकूण गुण (100)
१	चौधरी प्रसाद राजेंद्र	एस.वाय.बी.एस्सी	54
2	भारस्कार तुषार	एस.वाय.बीए	42
3	गुंजाळ महेश दत्तात्रय	एस.वाय.बी.एस्सी	AA
4	कर्ले वैभव	एस.वाय.बीए	66
5	विडवे वैभव जगन्नाथ	एफ.वाय.बी.ए.	AA
6	मेहरखांब किरण	एस.वाय.बीए	50
7	सोनवणे शुभम मोहन	एफ.वाय.बी.ए.	AA
8	वाईकर राम	एस.वाय.बी.ए	38
9	खकाळे रोहिणी बाळासाहेब	एस.वाय.बी.ए.	42
10	निकम पवन	एस.वाय.बी.ए	32
11	डांगे पूनम जालिंदर	टि.वाय.बी.ए.	50
12	ठाकरे जलिंदर	एस.वाय.बी.ए	44
13	धनता हिम्मतराव होळकर	टि.वाय.बी.ए.	50
14	अभाळे पूजा	एस.वाय.बी.ए	50
15	भावसार वैष्णवी	टि.वाय.बी.ए.	52
16	शेळके अश्विनी	एस.वाय.बी.ए	52
17	गायकवाड वैष्णवी	टि.वाय.बी.ए.	26
18	खाचरे योगेश	एस.वाय.बी.ए	56
19	जमधडे कल्याणी राजेंद्र	टि.वाय.बी.ए.	24
20	पारसे प्रियंका	एस.वाय.बी.ए	36
21	दाभाडे श्रद्धा राजेंद्र	टि.वाय.बी.ए.	38
22	पाचोरे प्रियंका	एस.वाय.बी.ए	38
23	महाले श्रद्धा	टि.वाय.बी.ए.	40
24	बोरावाके गायत्री	एस.वाय.बी.ए	38
25	भुजाडे मिना जयवंत	टि.वाय.बी.ए.	46
26	कोताडे पल्लवी	एस.वाय.बी.ए	56
27	विघे माधुरी अनिल	एफ.वाय.बी.ए.	60
28	शिलेदार देवयानी	एस.वाय.बी.ए	54
29	बागूल पूजा उत्तम	एफ.वाय.बी.ए.	62
30	आहेर धनश्री	एस.वाय.बी.ए	52
31	त्रिभुवन राजेश्वरी राजू	एफ.वाय.बी.ए.	58
32	कोळपे सविता पोपट	टि.वाय.बी.ए	46
33	साळवे प्रतीक्षा दिपक	एफ.वाय.बी.ए.	56
34	गवळी सुप्रिया नानासाहेब	टि.वाय.बी.ए	38
35	साळवे गौरी	एफ.वाय.बी.ए.	40
36	वारे निकिता विठ्ठल	टि.वाय.बी.ए	64
37	गायकवाड शितल	एफ.वाय.बी.ए.	48
38	जाधव शुभांगी दत्तात्रय	टि.वाय.बी.ए	58

39	बारहाते सोनाली	टि.वाय.बी.ए.	64
40	जाधव कांचन दशरथ	टि.वाय.बी.ए	62
41	चौधरी गीतांजली राजेंद्र	एस.वाय.बी.ए.	38
42	रेसले संगीता सुरेश	टि.वाय.बी.ए	76
43	खडागळे कांचन बबन	एफ.वाय.बी.ए.	34
44	रेसले आशा सुरेश	टि.वाय.बी.ए	58
45	निकम कावेरी प्रभाकर	टि.वाय.बी.ए.	32
46	क्षीरसागर आदेश रमेश	टि.वाय.बी.ए	58
47	कोपरे कोमल रामदास	टि.वाय.बी.ए.	44
48	उबाळे शुभम उमेश	टि.वाय.बी.ए	38
49	साळवे शुभांगी दिपक	टि.वाय.बी.ए.	60
50	मेहरखांब प्रशांत रतन	टि.वाय.बी.ए	40
51	लोंढे गौरी शरद	एस.वाय.बी.ए.	48
52	रूईकर सचिन कैलास	टि.वाय.बी.ए	AA
53	वायखिंडे अंजली संजय	एफ.वाय.बी.ए.	36
54	पठारे ऋतुल राजेंद्र	एफ.वाय.बी.ए	AA
55	दरेकर सुजाता मोहन	टि.वाय.बी.ए.	36
56	जाधव स्वानंद बाळासाहेब	एफ.वाय.बी.ए	AA
57	कोल्हे शितल सुदाम	टि.वाय.बी.ए.	38
58	दोडके नितिन अशोक	एफ.वाय.बी.ए	AA
59	थोरात ज्योती बाळासाहेब	एस.वाय.बी.ए.	44
60	नेरपागर प्रविण दादासाहेब	एफ वाय बी एस्सी	62
61	गोर्डे संचिता बाळासाहेब	एस.वाय.बी.ए.	42
62	गुंड केतन भगवान	एफ वाय बी एस्सी	60
63	ढमाले अक्षय मारुती	एस.वाय.बी.ए.	38
64	राहीज रोहित भास्कर	एफ.वाय.बी.ए	28
65	ठोंबरे पुनम सुभाष	एफ.वाय.बी.ए.	52
66	शेंडगे सूरज सुभाष	एफ.वाय.बी.ए	44
67	ठोंबरे रोहिणी नानासाहेब	एफ.वाय.बी.ए.	70
68	सुजीत काळे	एफ.वाय.बी.ए	40
69	जगताप विष्णु दिलीप	एफ.वाय.बी.कॉम.	44
70	पठारे शुभम	टि.वाय.बी.ए	68
71	भुसारे श्रीनिवास भारत	एफ.वाय.बी.कॉम.	52
72	लोणारे रोहिणी	टि.वाय.बी.ए	AA
73	सोमासे प्रसाद जगन्नाथ	एफ.वाय.बी.कॉम.	50
74	शिंदे मानसी दिलीप	एस.वाय.बी.एस्सी	50
75	लोहिया मानसी	एफ.वाय.बी.ए.	44
76	आमले सोनाली हेमंत	एफ.वाय.बी.ए.	64
77	पालंदे अजय पोपट	एस.वाय.बी.ए.	40
78	सोमासे आरती गोरखनाथ	एस.वाय बी.कॉम	64
79	बिडवे निकिता दत्तात्रय	एस.वाय.बीकॉम	60
80	हारम वसुधा सुनिल	एस.वाय.बीकॉम	60
81	भोसले शैलेश कांतीलल	एस.वाय.बीए	38
82	माळी आकाश संजय	एस.वाय.बीए	46
83	पानगव्हाने कोमल कैलाश	टि.वाय.बी.ए.	46
84	जाधव निकिता वसंत	टि.वाय.बी.ए.	46
85	यंडे वर्षा	टि.वाय.बी.ए.	22
86	पागरे रविराज बाळासाहेब	टि.वाय.बी.ए.	44
87	मोकळ नितिन सुभाष	टि.वाय.बी.ए.	38

भूगोल विभाग

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(PG LEVEL)

अ.न/आसन क्र.	विद्यार्थ्याचे नाव	वर्ग	एकूण गुण (100)पैकी
101	कांदळकर वैशाली	द्वितीय वर्ष	26
102	उगलमुगले निखिल	प्रथम वर्ष	36
103	शिंदे संदीप	द्वितीय वर्ष	32
104	कोळपे सपना	प्रथम वर्ष	22
105	जगताप सोनाली	द्वितीय वर्ष	38
106	**शिंदे कुणाल**	**प्रथम वर्ष**	**42**
I **107**	**खंडीझोड जयश्री**	**द्वितीय वर्ष**	**52**
108	दिघे कविता	द्वितीय वर्ष	36
109	पगारे वैशाली	प्रथम वर्ष	24
III **110**	**वक्ते प्रियंका**	**द्वितीय वर्ष**	**44**
II **111**	**कालेकर सोनाली**	**द्वितीय वर्ष**	**46**
112	पानगव्हाने अक्षय	प्रथम वर्ष	34
113	पवार दीपक	प्रथम वर्ष	22
114	**वायकर अरुण**	**प्रथम**	**42**

K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

भूगोल विभाग

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(UG LEVEL TOTAL STUDENT=87)

प्रथम क्रमांक :-

	देसले संगीता सुरेश (कोळपेवाडी कॉलेज)	टि.वाय.बी.ए

दूतीय क्रमांक :-

	ठोंबरे रोहिणी नानासाहेब (के .जे .सौमैया)	एफ.वाय.बी.ए.

तृतीय क्रमांक :-

	पठारे शुभम अरुण (अशोक नगर राहता कॉलेज)	टि.वाय.बी.ए

उत्तेजनार्थ :--

	कर्ले वैभव	एस.वाय.बीए

भूगोल विभाग

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(PG LEVEL TOTAL STUDENT=14)

प्रथम क्रमांक :- खंडीझोड जयश्री

दूतीय क्रमांक :- कालेकर सोनाली

तृतीय क्रमांक :- वक्ते प्रियंका

उत्तेजनार्थ :-- शिंदे कुणाल, वायकर अरुण

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Geography

Quiz Competition –Photographs



First Prize- Khandizod Jayashri Suryabhan



Second Prize- Kalekar Sonali Balasaheb



Third Prize- Vakte Priyanka Bhanudas



Fourth Prize- Jagtap Sonali Tanhaji



Third Prize- Vakte Priyanka Bhanudas



Fourth Prize- Jagtap Sonali Tanhaji

Kopargaon Taluka Education Society's

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE & SCIENCE, KOPARGAON.

Mohanirajnagar, Kopargaon, Dist- A. Nagar, Pin- 423601, Contact- 02423-222254, 9146142000
Website: www.kjscollege.com Email: kjscollege@rediffmail.com

An ISO 9001- 2015 Certified Institute

NAAC Reaccredited "A" Grade

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

DEPARTMENT OF GEOGRAPHY

CERTIFICATE

This is to certify that,

Miss / Mr.. .....

of:..... .....

has actively participated in the competition of

"Geographical Quiz"

on 12/01/2019,

&

He/ She is Awarded with..... Rank.

(Dr. G. K. Chavhan)	*(Dr. V. S. Salunke)*	*(Dr. B. S. Yadav)*
Head, Dept. of Geography	*Co-ordinator*	*Principal*

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

This is inform to all TYBA Geography students that the Department of Geography has organized students seminar on 15/09/2018 at 10:30 p.m. at Class Number - 48. All the students are requested to present their papers on scheduled date.

Topics for Paper Presentation (Any one)

1. Demographic Transition Theory
2. Malthusian Theory
3. Fertility: Definition, Causes and Measures
4. Mortality: Definition, Causes and Measures

Name of Teacher
Dr. V.S. Salunke

K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Department of Geography

Schedule of Student Seminar

Sr.No.	Name of Student	Topic Allotted	Remark of Teacher
No1	Priyanka Shivaji Sandhan	Demographic Transition Theory	Good
2	Pragati Durgesh Deshmukh	Malthusian Theory	Good
3	Shital Vijay Kate	Fertility: Definition, Causes and	Good Confidence
4	MaheshBabasaheb Hon	Measures Mortality: Definition,	Needed Improvement
5	Kakade Dinesh Shivaji	Causes and Demographic Transition Theory	Good
6	Kakade Rahul Prabhakar	Malthusian Theory	fair
7	Sabale Sakshi Madhukar	Fertility: Definition, Causes and	Very Good
8	Abhale Sumit Dada	Measures Mortality: Definition,	Good
9	Kulkarni Dhanshri Santosh	Causes and Demographic Transition Theory	Average
10	Wakchaure Santosh Arjun	Malthusian Theory	Good
11	Jamdar Dhanashri Ravsaheb	Fertility: Definition, Causes and	Good
12	Vaidya Archana Paraji	Measures Mortality: Definition,	Good
13	Ladvanshi Neha Jayesh	Causes and Demographic Transition Theory	Improvement needed
14	Desale Samdhan Suresh	Malthusian Theory	fair
15	Kalekar Monali	Fertility: Definition, Causes and	Good
16	Dabhade shita Kashinath	Measures Mortality: Definition,	Good
17	Jadav Yogita Baban	Causes and Demographic Transition Theory	Best Attempt
18	Abhale Pramod Bharat	Malthusian Theory	fair

Name of Teacher

Head of the Department

Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Geography

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Geography

Student Seminar Activity-Photographs



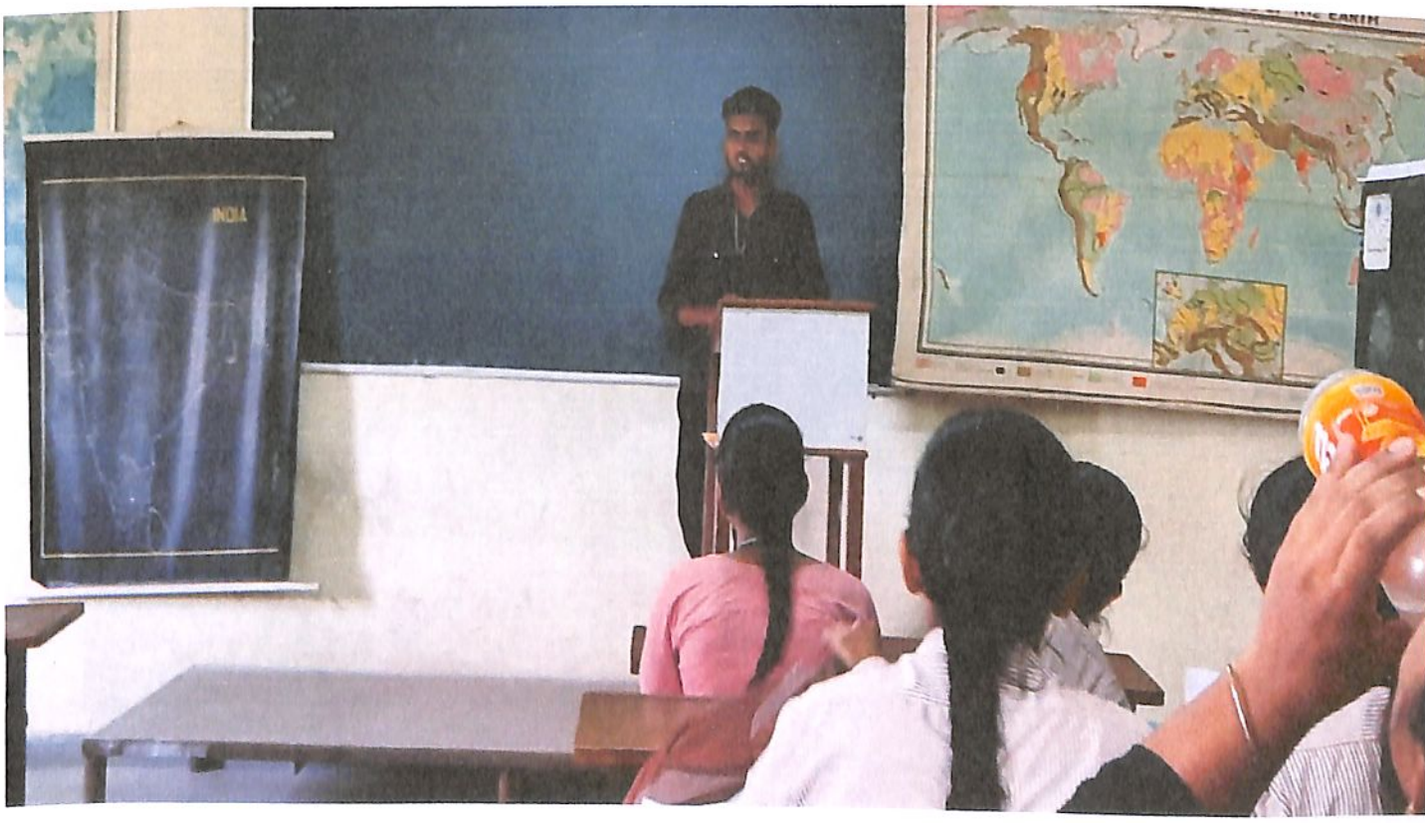
Miss. Piyanka Sandhan delivering Student Seminar



K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

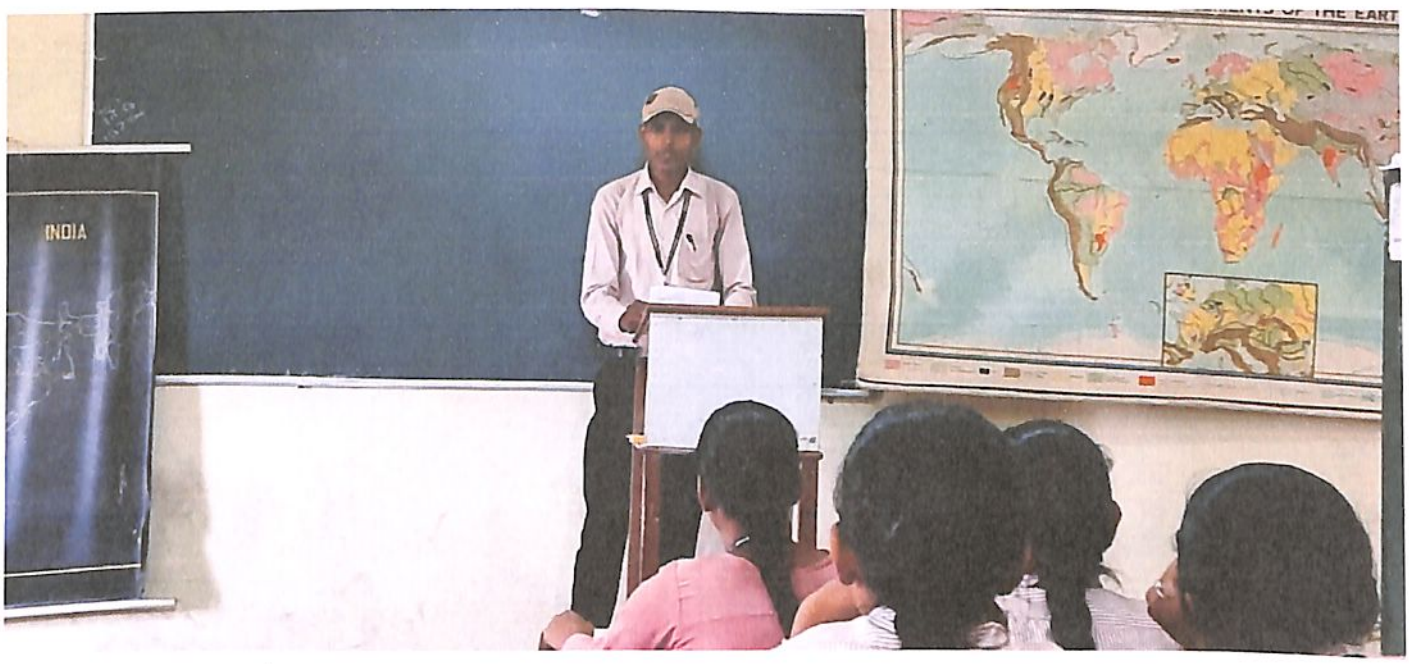
Miss. Pragati Deshmukh delivering Student Seminar



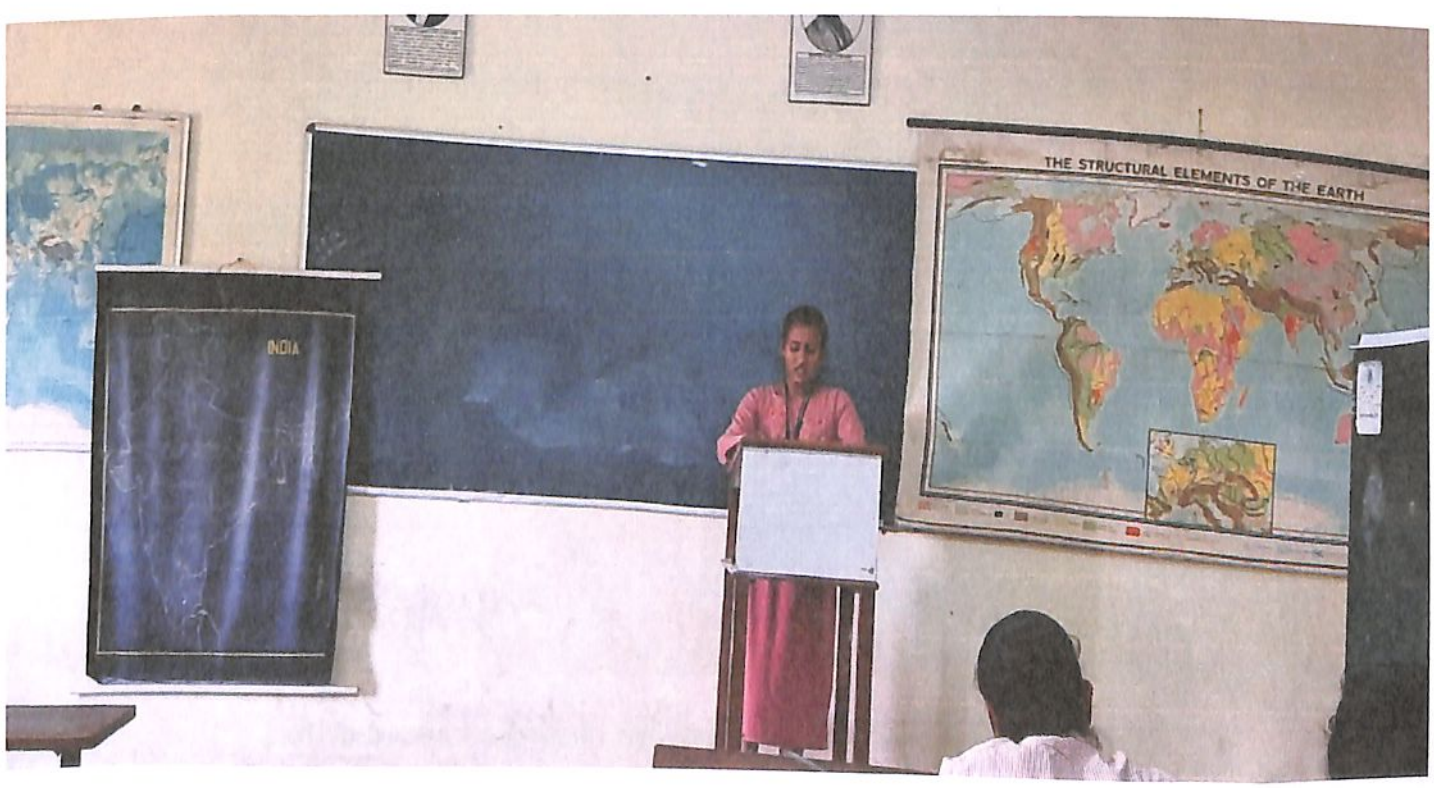


Mr.Hon.Mahesh delivering Student Seminar

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON



Miss. Santosh Wakchaure delivering Student Seminar



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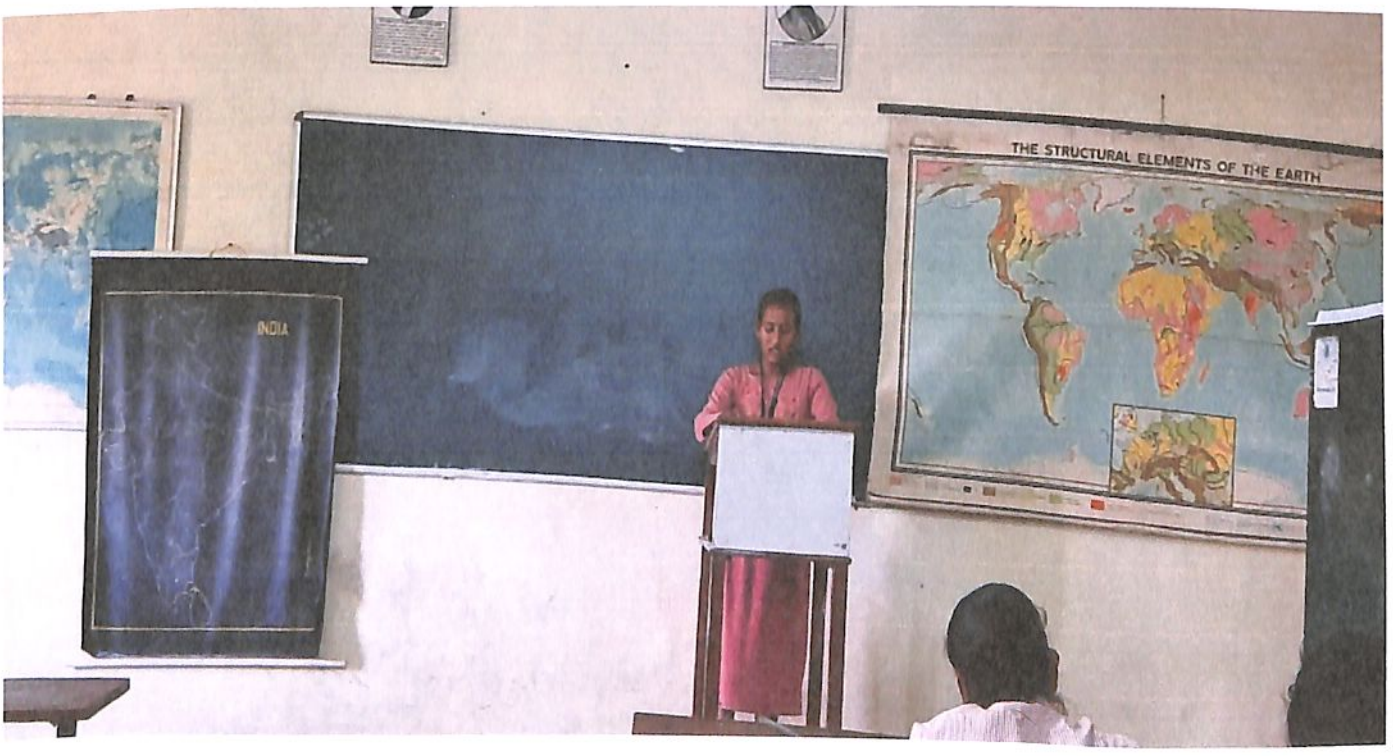
KOPARGAON



Miss. Santosh Wakchaure delivering Student Seminar



Miss. Sneha Ladvanshi delivering Student Seminar

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Miss. Sneh Ladvanshi delivering Student Seminar

Student Seminar Activity Report

Student seminar activity is conducted by department of Geography. This seminar session was conducted for TYBA Geography students. Total 18 students were participated in this session. It was good experience for them to learn subject while teaching.

Dr. V. S. Salunke
Subject Teacher

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Geography

कोपरगाव तालुका एज्युकेशन सोसायटीचे

के. जे. सोमैया महाविद्यालय , कोपरगाव

भूगोल विभाग

आपल्या महाविद्यालयातील भूगोल विभागामध्ये "भूगोल दिनाच्या" निमित्ताने खालील स्पर्धांचे आयोजन करण्यात आले असून, या स्पर्धांमध्ये आपण सर्व सहभाग घेऊ शकता.

स्पर्धांचे स्वरूप पुढीलप्रमाणे –

स्पर्धा क्र. 1) भौगोलिक सामान्यज्ञान स्पर्धा – (स्वरूप –वस्तुनिष्ठ) **(दिनाक:१२/०१/२०१९)**

UG LEVEL	PG LEVEL
मराठी माध्यम	इंग्लिश माध्यम
बहुपर्यायी ५० वस्तुनिष्ठ प्रश्न	बहुपर्यायी ५० वस्तुनिष्ठ प्रश्न
एकूण गुण –१००	एकूण गुण –१००
वेळ –१ तास	वेळ –१ तास (१० ते ११)

स्पर्धा क्र.2) भारतीय स्थलनिर्देशक नकाशा वाचन व लेखन स्पर्धा (दिनाक:१२/०१/२०१९)

- विद्यार्थ्यांना पुरविण्यात आलेल्या महाराष्ट्र राज्याच्या स्थलनिर्देशक नकाशाचे वाचन व लेखन करणे वेळ – २ तास (११:३० ते १.३०)

स्पर्धा क्र.३) भौगोलिक भित्तीपत्रक (पोस्टर) / मॉडेल निर्मिती स्पर्धा (दिनाक:१४/०१/२०१९)

- (50X70 CM) आकाराच्या कार्डशीटवर विद्यार्थ्यांनी भौगोलिक माहितीवर आधारित भित्तीपत्रक घरून बनवून आणणे व सादर करणे

बक्षिसाचे स्वरूप

प्रथम क्रमांक :– परितोषिक + प्रमाणपत्र

दूतीय क्रमांक :– परितोषिक + प्रमाणपत्र

तृतीय क्रमांक :– परितोषिक + प्रमाणपत्र

(टीप : प्रत्येक सहभागी विद्यार्थ्यांस प्रमाणपत्र देण्यात येइल)

परितोषिक व प्रमाणपत्र वितरण दिनाकरोजी.२०१९/०१/१४:,१० वाजता भूगोल विभागात होईल.

प्रवेश फी प्रत्येक स्पर्धासाठी– ३० प्रत्येकी

नाव नोंदणी

स्पर्धा क्र. 1) भौगोलिक सामान्यज्ञान स्पर्धा – (प्रा.एस.पी. लगड, भूगोल विभाग)

स्पर्धा क्र. 2) भारतीय स्थलनिर्देशक नकाशा वाचन व लेखन स्पर्धा –(प्रा.आर.ए.पवार, भूगोल विभाग)

स्पर्धा क्र. 3) भौगोलिक भित्तीपत्रक (पोस्टर) मॉडेल निर्मिती स्पर्धा– (प्रा.ए.एस.सोनवणे, भूगोल विभाग)

भूगोल विभाग प्रमुख

Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * Dept. of Geography * KOPARGAON

प्राचार्य

प्राचार्य
क. जे सोमय्या कॉलेज
कोपरगांव

K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

कोपरगाव तालुका एज्युकेशन सोसायटीचे,

के.जे.सोमैया कला वाणिज्य व विज्ञान महाविद्यालय

॥ भूगोल विभाग ॥

दिनांक १४ जानेवारी २०१९, वेळ: १०:३०, स्थळ: भूगोल विभाग.

•कार्यक्रम पत्रिका•

॥ वसुंधरा पूजन ॥

❖ स्वागत व प्रास्ताविक : प्रा.डॉ. जी. के. चव्हाण

❖ सत्कार समारंभ : (प्रमुख अतिथी)

❖ भौगोलिक स्पर्धा विषयी मार्गदर्शन : प्रा.डॉ. व्ही. एस. साळुंके

❖ परितोषिक वितरण :

भौगोलिक सामान्य ज्ञान स्पर्धा : प्रा. एस. पी. लगड

भारतीय स्थल निर्देशक नकाशा वचन : प्रा. आर. ए. पवार

पोस्टर व मॉडेल स्पर्धा : प्रा. ए. एस. सोनवणे

❖ विद्यार्थी मनोगत :

❖ प्रमुख पाहुणे मनोगत :

❖ अध्यक्षीय भाषण :

❖ आभारप्रदर्शन : प्रा. शरद मंडलिक

⊕⊕⊕सूत्रसंचालक - पानगव्हाने अक्षय ⊕⊕⊕

K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

K.J. Somaiya College Kopargaon

Department of Geography

Geography Day Attendance

Date – 14/01/2019

Sr.No.	Name of Student	Class	Signature
1.	चौधरी प्रसाद रामेंद्र	S.Y.Bac	
2.	भारस्कार तुषार	S.Y.Ba	
3.	शुंगाळ महेश दत्तात्रय	S.Y.Bac	
4.	खिडवे वैभव जगन्नाथ	F.Y.B.a	
5.	कुले वैभव	S.Y.B.A.	
6.	खिडे वैभव जगन्नाथ	F.Y.B.A	
7.	मेहरखांब किरण	S.Y.B.A	
8.	सोनवणे शुभम मोहन	F.Y.B.A	
9.	वाडेकर राम	S.Y.B.A.	
10.	निकम पवन	S.Y.B.A.	
11.	शिंगे पूनम जालिंदर	S.Y.B.A.	
12.	ठाकरे जालिंदर	S.Y.B.A	
13.	धनवटे हिम्मतराव होळकर	T.Y.B.A.	
14.	अभाळे पूजा	S.Y.B.A.	
15.	भावसार देवांवी	T.Y.B.A.	
16.	होळकर माधवीनी.	B.Y.B.A	
17.	गायकवाड देवांवी.	T.Y.B.A.	
18.	खाचरे योगेश.	S.Y.B.A	
19.	जमधडे कल्याणी, राजेंद्र	T.Y.BA	
20.	पारखे प्रियंका	S.Y.B.A.	
21.	दामोडे अहिल्या राजेंद्र	T.Y.B.A.	
22.	पाचोरे प्रियंका	S.Y.B.A.	
23.	महाले अहिल्या	T.Y.B.A.	
24.	बोरावके गायत्री	S.Y.B.A	
25.	मुजाडे मीना जयवंत	T.Y.B.A.	
26.	कोताडे पल्लवी	S.Y.BA	
27.	विधे माधुरी अनिल	F.Y.B.A.	
28.	शिलेदार देवयानी.	S.Y.B.A.	

K.J. SOMAIYA COLLEGE
Dept. of Geography
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29.	धारहाते सोनाली		Barhate
30.	जाधव कांचन दशरथ		Jadhav.K.D
31.	देसले संगीता रमेश		Deshmukh
32.	खडांगले कांचन लक्ष्मण		Khandg.
33.	देसले आशा रमेश	T.Y.B.A	Desle.
34.	निकम कावेरी प्रभाकर	T.Y.B.A.	Nikam
35.	क्षीरसागर आदेश रमेश.	T.Y.B.A	Kshirsh.
36.	कोपरे कोमल रामदास	T.Y.B.A	Kopar
37.	अहिरे सुभाष रमेश	T.Y.B.A	Ahire
38.	[illegible]	T.Y.B.A	S.Dsekul
39.	[illegible]	T.Y.B.A	Sonawk
40.	शिरसाट ज्योति बाळासाहेब	S.Y.B.A.	Shirsat
41.	नेरपगार प्रविण दादासाहेब.	F.Y.BSC	NerpgarP
42.	गोडे सविता बाळासाहेब.	S.Y.B.A.	Ghode
43.	गुंड केतन भगवान	F.Y.BSC	Ketan.
44.	घोडे गौरी शरद	S.Y.B.A.	Ghodke
45.	कदकर सानिम कैयाज	T.Y.B.A.	Kadkar.
46.	वायरीडे अंजली. वेंकट	S.Y.B.A.	Vayrikule
47.	पठारे सेल्वन. रानदेव	S.Y.B.A	Pathare
48.	हरकर सुजाता मोहन	T.Y.B.A	Sharkar
49.	जाधव स्वानंद बाबासाहेब	F.Y.B.A	Swad
50.	कोल्हे सुहानी सुहास	T.Y.BA.	Kolhe
51.	दांडेकर नितिन अशोक	F.Y.B.A	Nitin.
52.	उमाले अक्षय माधवी.	S.Y.B.A	A.m.Dhavl
53.	शेटीज रोहीता भास्कर	S.Y.B.A.	Rohita
54.	ठोंबरे पूनम सुभाष	F.Y.B.A	Thombre
55.	शेंडगे अरुण सुभाष	F.Y.B.A	Shinde
56.	ठोसर रोहीणी नानासाहेब.	F.Y.B.A	Thakre
57.	सुनीता काळे.	F.Y.B.A	Shinde.
58.	जगताप विष्णु दिलीप	F.Y.B.com	Jagtap
59.	पठारे सुमन	T.Y.B.A	Pathare.
60.	मुसारे श्रीनिवास भारत.	F.Y.B com	Musare J.

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भूगोल विभाग

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(UG LEVEL TOTAL STUDENT=87)

प्रथम क्रमांक :–

	देसले संगीता सुरेश (कोळपेवाडी कॉलेज)	टि.वाय.बी.ए

दूतीय क्रमांक :–

	ठोंबरे रोहिणी नानासाहेब (के .जे .सौमैया)	एफ.वाय.बी.ए.

तृतीय क्रमांक :–

	पठारे शुभम अरुण (अशोक नगर राहता कॉलेज)	टि.वाय.बी.ए

उत्तेजनार्थ :–

	कर्ले वैभव	एस.वाय.बीए

भूगोल विभाग

भौगोलिक सामान्यज्ञान स्पर्धा विद्यार्थ्यांची नावे

(PG LEVEL TOTAL STUDENT=14)

प्रथम क्रमांक :– खंडीझोड जयश्री

दूतीय क्रमांक :– कालेकर सोनाली

तृतीय क्रमांक :– वक्ते प्रियंका

उत्तेजनार्थ :– शिंदे कुणाल, वायकर अरुण

भूगोल विभाग

भारतीय स्थलनिर्देशक नकाशा वाचन व लेखन स्पर्धा

(UG LEVEL TOTAL STUDENTS=13)

प्रथम क्रमांक :– भुजाडे मिना (के.जे एस ,कोपरगाव)

दूतीय क्रमांक :– जाधव कांचन (कोळपेवाडी)

तृतीय क्रमांक :– धनता होळकर(के.जे एस ,कोपरगाव)

उत्तेजनार्थ :– पठारे शुभम (अशोकनगर),
गवळी सुप्रिया (कोळपेवाडी)

भूगोल विभाग

भारतीय स्थलनिर्देशक नकाशा वाचन व लेखन स्पर्धा

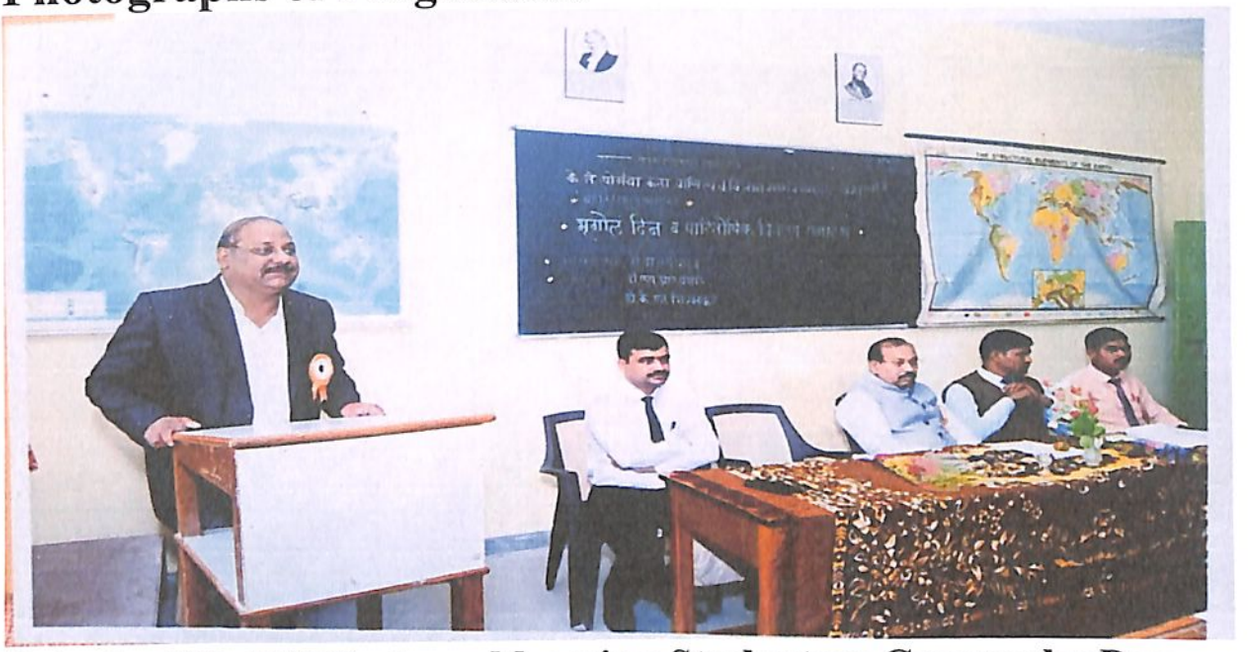
(PG LEVEL TOTAL STUDENT=03)

प्रथम क्रमांक :– खंडीझोड जयश्री

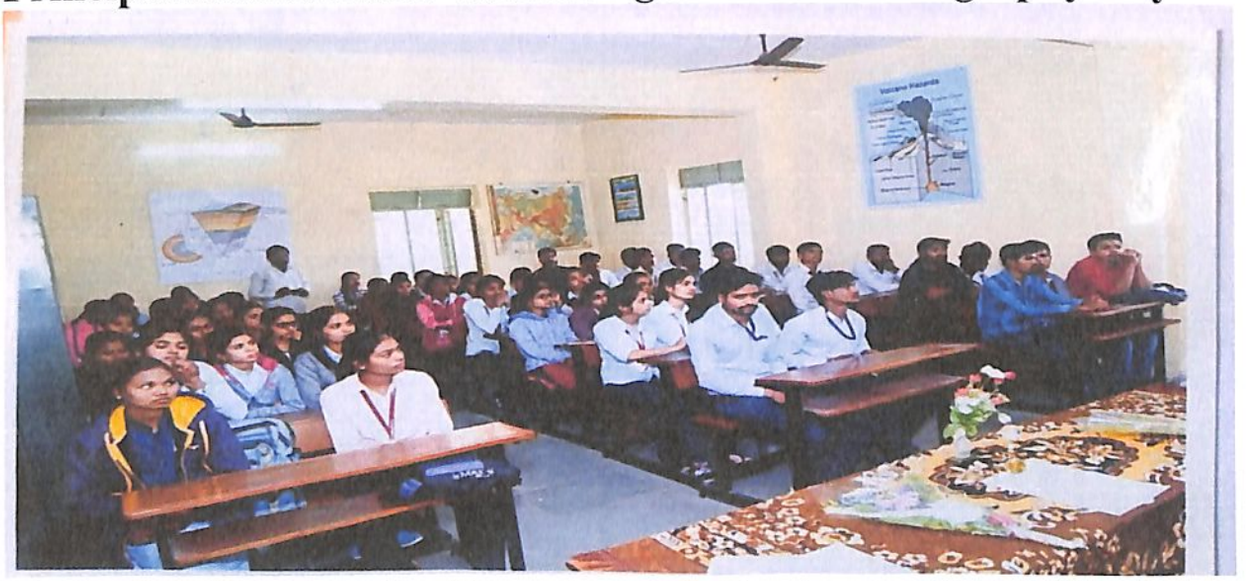
दूतीय क्रमांक :– जगताप सोनाली

तृतीय क्रमांक :– उगलमुगले निखिल

Photographs of Programme



Principal Dr.B.S.Yadav addressing Student on Geography Day



Students of Geography Department Listening the Chief Guest.



Student Expressing his thought on Geography Day



Publication of Wishwalekh Magazine

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Head, Dept. of Geography	Co-ordinator	Principal

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K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE & SCIENCE, DEPARTMENT OF GEOGRAPHY

LIST OF SOCIO- ECONOMIC SURVEY CONDUCTED BY THE STUDENTS (Selected Villages in Kopargaon Tahsil- 2018-2019)

Class:- MA/MSc-I **Subject Name:-** Interpretation of Topographical Maps and Village Survey.

Total Students: - 10

Following students are participated and completed report on socio- economic survey in various villages from Kopargaon of Ahmednagar district. Prof. R .A. Pawar is the Guide of the Students.

Sr. No	Name of the student	Village Survey/Report Writing	Name of the Guide
1	Anap Akshay Machhindra	At. Post.- Kokamthan, Tal:- Kopargaon	Prof. R .A. Pawar
2	Dighe Kavita Kailash	At. Post.- Kokamthan, Tal:- Kopargaon	
3	Jagtap Sonali Tanhaji	At. Post.- Kokamthan, Tal:- Kopargaon	
4	Kalekar Sonali Balasheb	At. Post.- Kokamthan, Tal:- Kopargaon	
5	Kandhalkar Vaishali Ashok	At. Post.- Kokamthan, Tal:- Kopargaon	
6	Khandizod Jayshri Raybhan	At. Post.- Kokamthan, Tal:- Kopargaon	
7	Nikam Shrikant Bhausaheb	At. Post.- Kokamthan, Tal:- Kopargaon	
8	Shinde Sandip Parasram	At. Post.- Kokamthan, Tal:- Kopargaon	
9	Vakte Priyanka Bhanudas	At. Post.- Kokamthan, Tal:- Kopargaon	
10	Wakchaure Dipali Pandherinath	At. Post.- Kokamthan, Tal:- Kopargaon	

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Copy to:

1. Prof. R .A. Pawar
2. Chairman IQAC

Head, Dept. of Geography
Department of Geography
K. J. Somaiya College, Kopargaon

Principal

Kopargaon Taluka Education Society's

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE & SCIENCE, DEPARTMENT OF GEOGRAPHY

LIST OF SOCIO- ECONOMIC SURVEY CONDUCTED BY THE STUDENTS

(Selected Villages in Kopargaon and Rahata Tahsil- 2018-2019)

Class:- S.Y.B.A Geography

Subject Name:- Fundamentals of Geographical Analysis

Total Students: - 18

Following students are participated and completed report on socio- economic survey in various villages from Kopargaon and Rahata Tahasils of Ahmednagar district. Dr. V. S. Salunke is the Guide to the students.

Sr. No	Name of the student	Village Survey/Report Writing	Name of the Guide
1	Supakar Aruna Vilas	At. Post.- Kop. Bet, Tal:- Kopargaon	Dr. V. S. Salunke.
2	Supakar Amruta Lahanu	At. Post.- Kop. Bet, Tal:- Kopargaon	
3	Shinde Maya Jalinder	At. Post.- Savalivihir, Tal:- Kopargaon	
4	Zurale Shivani Rajendra	At. Post.- Kop. Bet, Tal:- Kopargaon	
5	Shaik Aftab Ayub	At. Post.- Kop. Bet, Tal:- Kopargaon	
6	Londhe Gauri S.	At. Post.- Pohegaon, Tal:- Kopargaon	
7	Thorat Jyoti Balasaheb	At. Post.- Kop. Bet, Tal:- Kopargaon	
8	Lahaer Kiran Shivlal	At. Post.- Kop. Bet, Tal:- Kopargaon	
9	Palande Ajay Popat	At. Post.- Savalivihir, Tal:- Kopargaon	
10	Kakale Rohani Balu	At. Post.- Pohegaon, Tal:- Kopargaon	
11	Kharat Shivani N.	At. Post.- Savalivihir, Tal:- Kopargaon	
12	Gorde Sanchita B	At. Post.- Pohegaon, Tal:- Kopargaon	
13	Joshi Shivani Rajendra	At. Post.- Kop. Bet, Tal:- Kopargaon	
14	Dhamale Akshay M.	At. Post.- Savalivihir, Tal:- Kopargaon	
15	Bhosle Ganesh	At. Post.- Savalivihir, Tal:- Kopargaon	
16	Wagh Rushali Suresh	At. Post.- Kop. Bet, Tal:- Kopargaon	
17	Zurale Swati Rrajendra	At. Post.- Kop. Bet, Tal:- Kopargaon	

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2. Chairman IQAC

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DEPARTMENT OF GEOGRAPHY

LIST OF SOCIO-ECONOMIC SURVEY CONDUCTED BY THE STUDENTS

(Selected Villages in Kopargaon and Rahata Tahsil- 2018-2019)

Class:- T.Y.B.A Geography **Subject Name:-** Techniques of Spatial Analysis

Total Students: - 19

Following students are participated and completed report on socio- economic survey in various villages from Kopargaon and Rahata Tahasils of Ahmednagar district. Dr. G. K. Chavhan is the Guide to the students.

Sr. No	Name of the student	Village Survey/Report Writing	Name of the Guide
1	Dabhade Shradha Rajendra	At. Post.- Nandurkhi, Tal:- Rahata	Dr. G. K. Chavhan
2	Thakare Nitin Suresh	At. Post.- Ghari, Tal:- Kopargaon	
3	Satpute Yogesh Prakash	At. Post.- Mohanirajnagar, Tal:- Kopargaon	
4	Dange Poonam Jalinder	At. Post.- Pohegaon, Tal:- Kopargaon	
5	Darekar Sujata Mohan	At. Post Dhandewdi, Tal:- Kopargaon	
6	Sayyad Shoyeb Abbas	At. Post.- Chandekasare, Tal:- Kopargaon	
7	Kolhe Shital Sudam	At. Post.- Ves, Tal:- Rahata	
8	Jadhav Pratiksha Ramesh	At. Post.- Dorhale, Tal:- Rahata.	
9	Bhujade Meena Jayvant	At. Post.- Apegaon, Tal:- Kopargaon	
10	Bhujade Prashant Raosaheb	At. Post.- Singve, Tal:- Rahata.	
11	Bhavsar Vaishnavi Rajendra	At. Post.- Savhilvhire, Tal:- Rahata.	
12	Holkar Dhanta Himmatrao	At. Post.- Shridi, Tal:- Rahata	
13	Gaikwad Vaishnavi Vishal	At. Post.- Jeur Kumbhari, Tal:- Kopargaon	
14	Jorvekar Kiran Dnyandev	At. Post.- Pathare Tal:- Sinner.	
15	Katkar Mahesh Balasheb	At. Post.- Ghari, Tal:- Kopargaon	
16	Lokhane Shubham Sunil	At. Post.- Sakhuri, Tal:- Rahata.	
17	Mahakli Shraddha Shashikant	At. Post.- Shridi, Tal:- Rahata.	
18	Rahane Monika Ashok	At. Post.- Bakqdarpur, Tal:- Kopargaon	
19	Jamdhade Kalyani Rajendra	At. Post.- Savhilvhire, Tal:- Rahata.	

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1. Dr. G. K. Chavhan
2. Chairman IQAC

Head, Dept. of Geography
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Principal

REPORT ON
SOCIO-ECONOMIC SURVEY OF KOKAMTHAN

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

: SUBMITTED FOR:

Award of Master Degree in Geography

EXAMINED

: SUBMITED BY:

M. A. M.Sc IInd Year Students

: SUBMITED AT:

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon.

: SUBJECT :

Gg. 302 : INTERPRETATION OF TOPOGRAPHICAL MAP AND VILLAGE SURVEY

Year- 2018-2019

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Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Society's

K. J. Somaiya college of Arts, Commerce & science, Kopargaon

Department of Geography

CERTIFICATE

This is to certify that shri / smt. Jayshri ..Raybhan...Khandizod *has satisfactorily carried out the required practical work prescribed by the Savitribai Phule, Pune University, Pune for M. A. / M. Sc. Part- II course in geography, Gg:302 Interpretation of Topographical Map &Village Survey and this Village survey report is his/ her bonafide work in the year 2017-18.*

EXAMINED

Teacher In charge

(Prof. Pawar R.A.)

External Examiner

(Dr. C. B. Chaudhari)

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Head
Department of Geography

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

LIST OF PARTICIPENT STUDENTS IN VILLAGE SURVEY

1) MISS. JAYSHRI RAYBHAN KHANDIZOD

2) MISS. JAGTAP SONALI TANAJI

3) MISS. PRIYANKA BHANUDAS VAKTE

4) MISS. SONALI BALASAHEB KALEKAR

5) MR. SANDIP PARASRAM SHINDE

6) MISS. VAISHALI ASHOK KANDALKAR

7) MISS. KAVITA KAILAS DIGHE

8) MISS. DIPALI PANDHARINATH WAKCHAURE

9) MR.SHRIKANT BHAUSAHEB NIKAM

10).MR. AKSHAY MACHHINDRA ANAP

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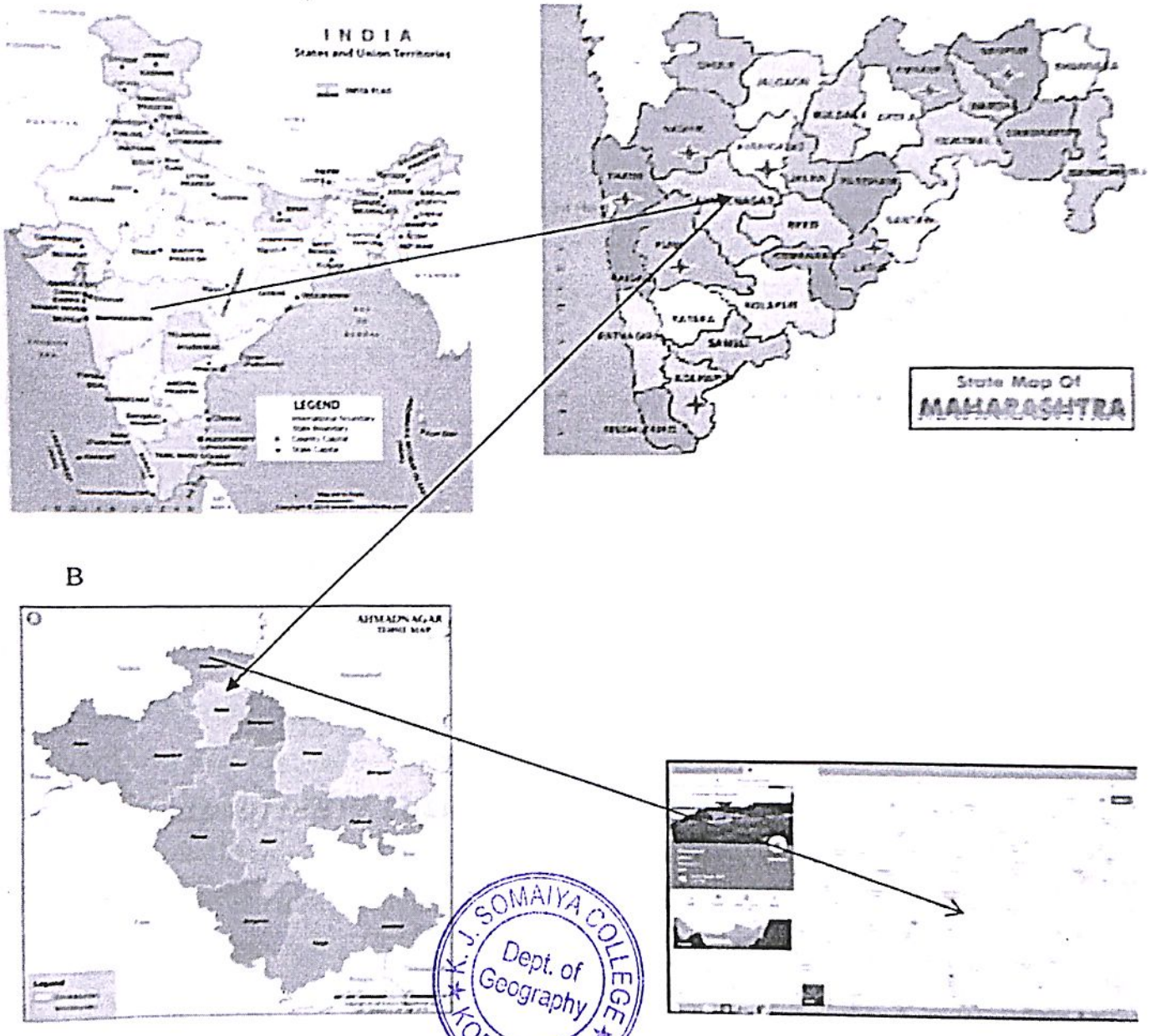
Location Map of Kokamthan Village



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2.3 Geology:- The geographical structure which includes the arrangement and composition of rocks, which play a dominant role in determining relief of land and nature of soil it also help in knowing the vast minerals wealth buried beneath the earth surface so that we study the Kokamthan village geographical structure. The area under investigation is under lain by thick of lawa flows of the created as in ancient period the thickness various from 450-550. Physiographically the village forms part of deccan plateau. The Kokamthan village situated right bank of the Godavari river. The geological structure which includes the arrangement and composition of rocks which play a dominant role in determining relief of land and nature of soil.

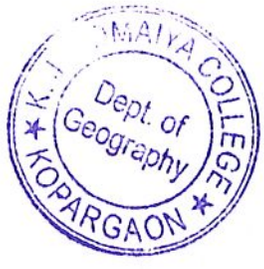
7.1 Problems of Kokamthan Village

1. Drinking water problem is serious in ward no. 1 & 7 in the village.
2. Irregularly water supply is also major problem of Kokamthan village & summer season water scarcity.
3. In this village insufficient public toilet facility & inadequate separate toilet.
4. farmers are unconscientiously about water & soil testing.
5. People are not higher education.
6. Most people unawareness about government schemes.

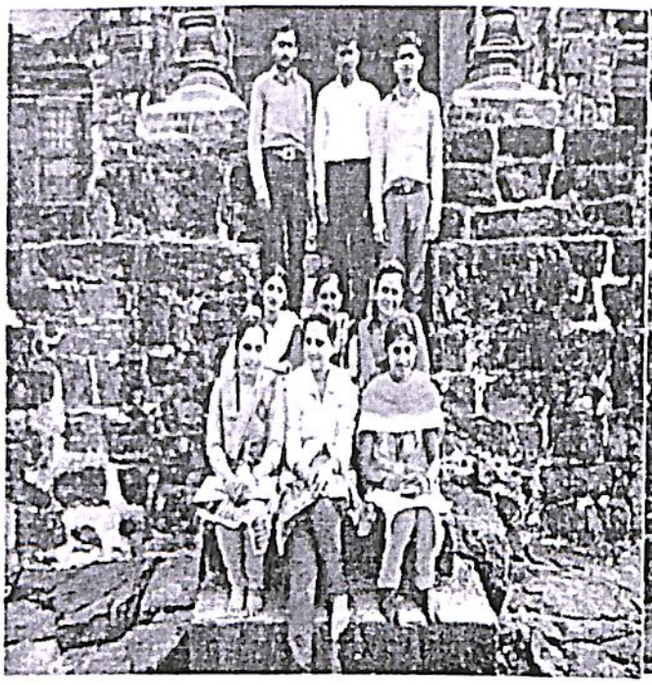
7.2 Suggestions

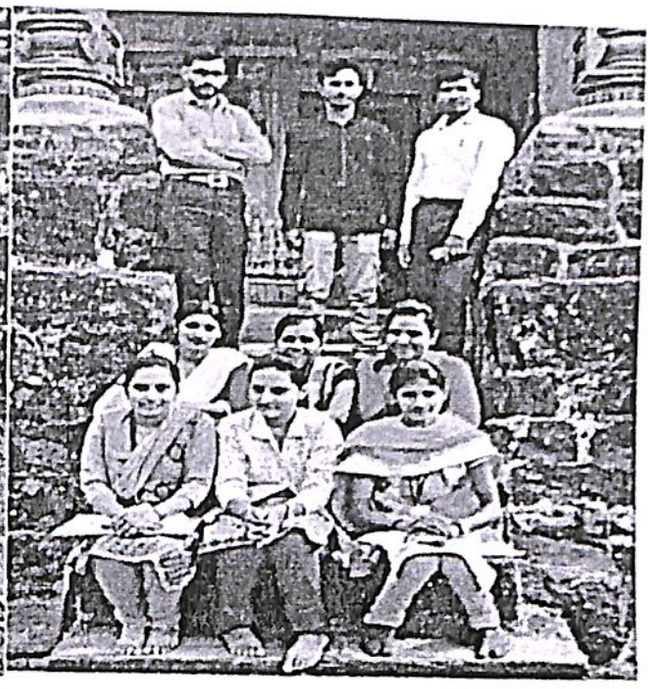
Main source of income of village Kokamthan is agriculture and the other subsidiary occupation.

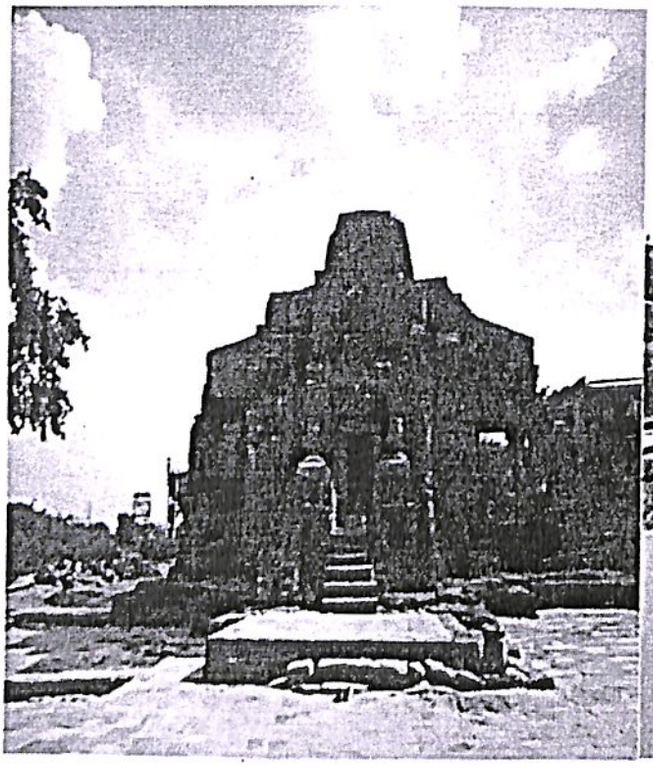
1. In this village farmers cultivate their field by traditional methods if the villagers adopt modern technique in agriculture then production will be increase.
2. After adopting the new techniques in agriculture the export show possible for products like vegetable flower onion and other crops production. Then the village will developed there economy.
3. In kokamthan village continusouly to apply gram swachhata abhiyan.
4. If we want to increase number of unemployed peoples in village then we must establish new small scale processing unit, dairy farming and agricultural product. Processing unit then unemployment ratio will be decrease.

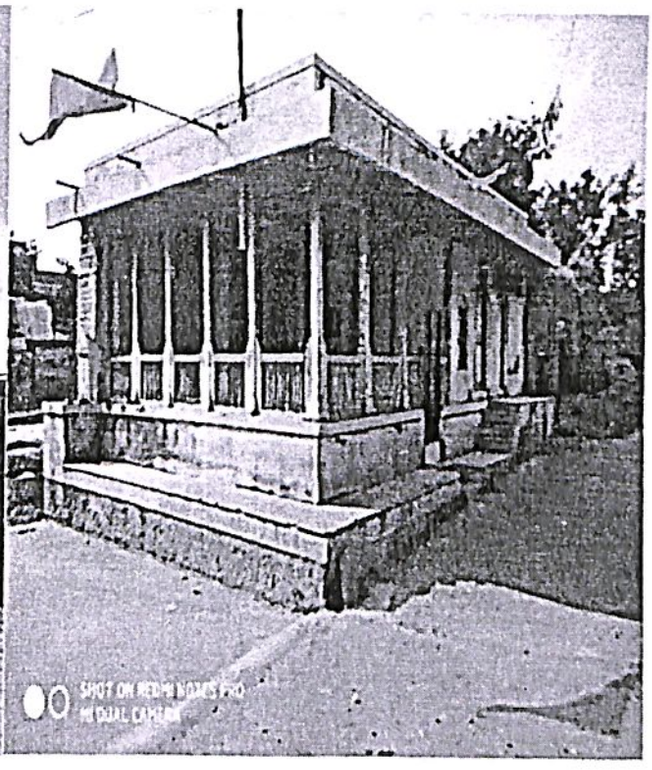


Photographs













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भूगोल विभाग

ग्रामसर्वेक्षण अहवाल २०१९

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कोपरगांव तालुका एज्युकेशन सोसायटीचे

के.जे.सोमैय्या वरिष्ठ व के.बी. रोहमारे कनिष्ठ महाविद्यालय, कोपरगांव

मोहिनीराजनगर कोपरगांव-४२३६०१ ता. कोपरगांव जि.अहमदनगर

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ग्रामसर्वेक्षण अहवाल

मौजे. नांदुखी

ता. राहाता जि.अहमदनगर

वैयक्तिक माहिती

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वर्ग :— T.Y.B.A रोल नं :— 77

विषय :— भुगोल

परिक्षा नं :— EXAMINED

UNIVERSITY OF PUNE

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के. जे. सोमौया वरिष्ठ व के. बी. रोहमारे कनिष्ठ महाविदयालय, कोपरगांव.

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प्रमाणपत्र

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प्रमाणपत्र देण्यात येते कि, श्री/कु:— दाभाडे अदृश्या राजेंद्र
वर्ग:— T.Y.B.A. विषय:— भूगोल रोल नं:— 77
परीक्षा क्रमांक:— ..... यांनी सदर शैक्षणिक वर्षात **ग्रामसर्वेक्षण अहवाल** हा प्रत्यक्ष सर्वेक्षणात सहभागी होवून अभ्यास करुन बनवला आहे. त्यांचे हे कार्य उत्कृष्ट आहे त्याबद्दल हे प्रमाणपत्र देण्यात येत आहे.

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धन्यवाद.....

दिनांक :— 15-3-2019
ठिकाण :— कोपरगांव

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15/3/19

मार्गदर्शक प्राध्यापक

बहिस्थ पर्यवेक्षक

विभाग प्रमुख

Head
Department of Geogra
K. J. Somaiya College, Kop

अनुक्रमाणिका

अ.नं	विषय	पान नं.
	प्रस्तावना	
	ऋण निर्देश	
	सर्वेक्षणाचे महत्व	
१)	गाव निवड - गरज व वैशिष्टे अ) स्थान व विस्तार ब) गावाचा नकाशा क) वैशिष्टे व सर्वेक्षणाची गरज	
२)	गावाचे भौगोलिक वर्णन अ) भूपृष्ठ रचना ब) जलप्रणाली/ पाणीपुरवठा क) वनस्पती रचना ड) मृदा प्रकार	
३)	गावाचे लोकसंख्यात्मक वर्णन अ) लोकसंख्या स्त्री व पुरुष	
४)	गावाच्या स्थितीचे आर्थिक व धार्मिक वर्णन अ) व्यवसाय शेती ब) प्राथमिक, व्दितीय, तृतीयक क) पीक रचना इ) धार्मिक स्थळांचे वर्णन	
५)	गावातील सोयी- सुविधा अ) शिक्षण ब) आरोग्य क) पाणी पुरवठा ड) सार्वजनिक स्वच्छता इ) योजना अंमलबजावणी ई) घर रचना	
६)	गावाच्या समस्या व उपाय	
७)	ग्रामसर्वेक्षण प्रश्नावली	
८)	संदर्भ सूची	
९)	फोटो	

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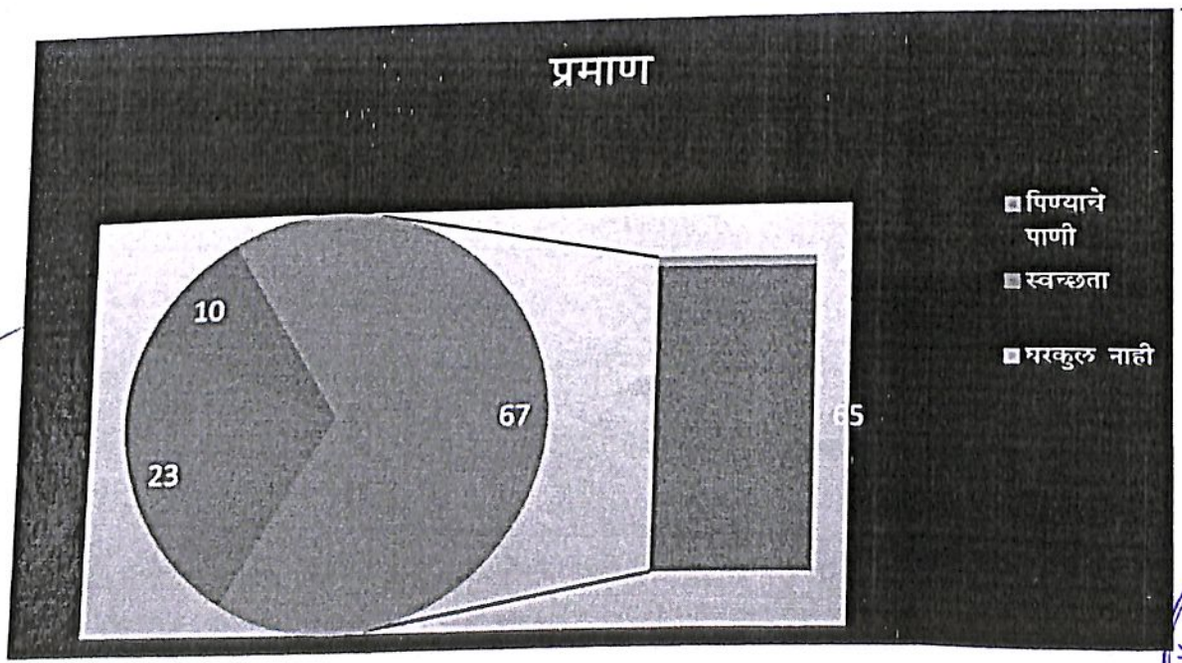
प्रकरण सहावे

गावातील समस्या व उपाय

नांदुखी ब्रु. या गावात २१ फेब्रुवारी २०१९ रोजी सर्वेक्षण केले असता गावातील नागरिकांकडून गावातील पुढील प्रमुख समस्या दिसून येतात. या गावातील नागरिकांशी केलेल्या चर्चेतून त्यांना खालील समस्यांना सामोरे जावे लागते.

अ) समस्या :—

१) या गावातील ग्रामपंचायतीचे पाणी हे योग्य प्रमाणात मिळत नाही. त्यामुळे गावात पाणी टंचाई आढळते.
२) या गावामध्ये मजुरांना काम मिळत नाहीत. त्यामुळे रोजगाराचा प्रश्न निर्माण झाला.
३) या गावामध्ये सरकारी मदत ही प्रत्येक लोकांपर्यत पोहचत नाही.
४) गावातील लोकांना घरकुल योजना योग्य रित्या लोकांपर्यत पोहचवली जात नाही.
५) या गावात अजूनही काही प्रमाणत सार्वजनिक स्वच्छतागृह नसल्यामुळे गावात स्वच्छतेचा प्रश्न निर्माण झाला आहे.
६) या गावातील पिण्याचे पाण्याची योग्य सोय केलेली नाही.
७) या गावात अजूनही काही गटारी खुल्या आहेत.



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ग्रामसर्वेक्षण प्रश्नावली

१) गावाचे नाव :- नांदुरी दु. वार्ड क्रमांक :- 1

२) कुटुंब प्रमुखाचे नाव :- .....

३) कुटुंबातील व्यक्ति :- 162 पुरुष :- 88 :- 74

४) वय रचना :-

वय	०ते १०	१०ते २०	२०ते ३०	३०ते ४०	४०ते ५०	५०ते ६०	६०ते ७०	७० पेक्षा जास्त
पुरुष	10	12	6	15	12	16	3	
स्त्री	9	13	11	15	12	11	6	

५) धर्म :- हिंदु जात :- मराठा भाषा :- मराठी

६) साक्षरता :- ..... शिक्षित :- 136 अशिक्षित :- 26

७) व्यवसायीक माहिती :-

नं.	व्यवसाय	पुरुष	स्त्री	एकूण
१)	अ) शेतकरी	38	35	73
	ब) शेतमजुर	1	8	9
	क) मासेमारी, पशुपालन व वृक्षरोपन, अरण्यातील साहित्य गोळा करणे	-	-	-
	ड) खाणकाम व इतर प्राथमिक व्यवसाय	-		
२)	अ) घरगुती लघुउद्योग/ उत्पादन व प्रक्रिया उद्योग		9	9
३)	अ) बांधकाम (इंजिनियर, ठेकेदार)			
	ब) व्यापार व वाणिज्य			
	क) वाहतूक, साठवण व दळण वळण		6	6
	इ) इतर सेवा व्यवसाय(शिक्षसक, डॉक्टर, वकिल, सरकारी इंजिनियर, पोलिस व इतर सरकारी अधिकारी)	6	9	15
	एकूण कामगार	7	53	60

८) एकूण शेती :- 111 हे 20 गुंठे

बागायत :- 100 हेक्टर जिरायत :- 8.3 हेक्टर पडीक :- 1 हेक्टर

९) जनावर एकूण संख्या :- 154 20 गुंठे

गाय बैल :- 130 कोंबड्या :- - म्हैस :- - शेळ्या :- 24 इतर :- ....

१०) शेती उत्पादन (२०१८-२०१९) :-

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पीक	खरिप क्षेत्र(एकर)	उत्पादन (रुपये)	पीक	रब्बी क्षेत्र(एकर)	उत्पादन (रुपये)
बाजरी			बाजरी		
भुईमुग			भुईमुग		
मुग			मुग		
तूर			तूर		
कांदा			कांदा		
फळझाडे			फळझाडे		
सोयबीन			सोयबीन		
मका			मका		
इतर			इतर		

११) जलसिंचन सोई

सिंचनाखालील क्षेत्र :— 180 एकर सिंचन सोई नसलेले क्षेत्र:— 89.20 एकर

सिंचन सोई:—..... विहिर:—..... नदी:—..... कुललिका:—.....

इतर:—.....

१२) इतर व्यवसाय वर्णन :—

प्रकार :—..... कामगार :—..... निव्वळ उत्पन्न (वार्षिक) :—.....

१३) वस्ती

अ) घरबांधणी साहित्य :— विटा, वाळू, सिमेंट

ब) घरांचा प्रकार :— पक्के घर, कच्चे घर, कौलाऊ घर

.....

.....

.....

१४) वृक्षाची माहिती

घराशेजारी झाडे	संख्या	शेतातील मोठ्या झाडे	संख्या
आंबा	75	बांभुळ	50
नारळ	70	कडुलिंब	60
सिताफळ	50		

EXAMINED

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फोटो



जिल्हा परिषद शाळा, नांदुखी बु.



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दिनांक- २२/१२/२०१९

सूचना

भूगोल विभागातील (SYBA) वर्गातील सर्व विद्यार्थ्यांना सूचित करण्यात येते कि, सर्वांनी पर्यटन भूगोल (Tourism Geography) या विषयाची Assignment भूगोल विभागात दिनांक - ०२/०१/२०१९ पर्यंत विभागत जमा करावी.

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KOPARGAON

भूगोल विभाग
प्रमुख

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Name - Landhe Gauri S.
Subject - Tourism Geography (S.)
Class - S.Y.B.A

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Assignment - I

पर्यटन भूगोल म्हणजे काय हे सांगून स्वरूप व व्याप्ती स्पष्ट करा.

संपूर्ण जगामध्ये आजच्या घडीला आधुनिक काळात नो रिसेशन बिझनेस म्हणून ज्या व्यवसायाकडे पाहिले जाते तो व्यवसाय म्हणजे पर्यटन होय.

पर्यटन हा शब्द इंग्रजीतील "Tourism" या शब्दाचे मराठी रुपांतर आहे हा शब्द Tour म्हणजे प्रवास या शब्दापासुन निर्माण झाला आहे Tour हा शब्द लॅटिन भाषेतील Tornare तर ग्रीक भाषेतील Tornos म्हणजे वर्तुळ / सर्कल असा अर्थ होतो. Isam या अर्थ Prosess किंवा कृती असा होतो.

व्याख्या :-

1) पर्यटन म्हणजे कायमस्वरूपी वस्ती न करण्याच्या हेतुने अनिवासी व्यक्तीच्या सहवासातुन आर्थिक उत्पादनाशिवाय असलेली भ्रमंती होय - प्रो. होन्जीलेन

2) पर्यटन भूगोल पर्यटन आणि भौगोलिक घटकांवर होणारा परिणाम याचा शास्त्रीय दृष्टिकोनातुन अभ्यास करणारे शास्त्र म्हणजे पर्यटन भूगोल होय. हर्मन व्ही. फ

3) परदेशी माणसाने फाखादया देशात, प्रदेशात व शहरात आगमन, वास्तव्य, भ्रमंती आणि तेथून गमन म्हणजेच पर्यटन होय. - हर्मन श्युलर्ड

पर्यटन भूगोलाचे स्वरूप :-

① पर्यटनाचे वैशिष्ट्यपूर्ण स्वरूप :-

पर्यटन हा वैशिष्ट्यपूर्ण असा उदयोग / व्यवसाय आहे इतर क्रियापेक्षा पर्यटन ही क्रिया बहुआयामी अशा स्वरूपाची आहे या क्रियेमध्ये केला गेलेला प्रवास आणि वास्तव्याचे ठिकाण या दोन्ही बाबी नेहमीच्या निवासस्थानापासुन व कार्यक्षेत्रापासुन दूर असतात. पर्यटन या व्यवसाया-

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मोठ्या प्रमाणात आर्थिक उलाढात होत असते इतर कोणत्याही प्रकारचा व्यवसाय करण्यासाठी प्रत्यक्ष व्यावसायिक उभारणी करावी लागते. करिता जागा, बांधकाम, अवजार, कामगार भांडवल या बाबी येतात परंतु पर्यटन या व्यवसायाकरिता यापैकी काहीच करावे लागत नाही. पर्यटन हा जरी व्यवसाय असला तरी मानवाकडुन केली जाणारी ती ठाक क्रिया जास्त प्रमाणात आहे. या व्यवसायात अनेक व्यवसाय ठाकत्र जोडलेले असतात. त्यामुळे अनेक क्रियांनी मिळुन पर्यटन घडुन येताना दिसते. त्यामुळे पर्यटन या व्यवसायाचे किंबहुना पर्यटनाचे स्वरुप वैशिष्ट्यपूर्ण आहे.

2) पर्यटनाचे अनेकविध स्वरुप :-

पर्यटन ही विविधता असलेली अपूर्व घटना आहे. पर्यटना मध्ये मानवाचे किंवा व्यक्तीचे आपल्या निवासस्थानापासुन निघाल्या नंतर पुन्हा परत घरी येईपर्यंत अनेक घटकाशी संबंध येत असतात. पर्यटकाकडुन विविध प्रकारची निवस्थाने, विविध प्रकारची प्रवासाची माध्यम (उदा. रस्ते, रेल्वे, जल व हवाई वाहतुक) यांचा उपयोग केला जात असतो. त्याचप्रमाणे पर्यटन हा पर्यटन करत असताना त्याच्याकडुन विविध प्रकारच्या पर्यटन स्थळांना भेटी दिल्या जातात. पर्यटन करत असताना पर्यटकानुसार त्याचे हेतुही भिन्न-भिन्न स्वरुपाचे असतात. पर्यटकानुसार त्याचे हेतुही ची संख्या या सर्वच बाबतीत भिन्नता आढळुन येते इतर कोणत्याही व्यवसायाशी तुलना केली असता पर्यटनामध्ये प्रचंड विविधता आढळुन येते. त्यामुळे पर्यटनाचे स्वरुप अनेकविध असल्याचे दिसते.

3) पर्यटनाचे करमणूकप्रधान स्वरुप :-

फावला वेळ किंवा रिकामा वेळ म्हणजे व्यक्तीच्या दैनंदिन कामकाजातुन शिल्लक राहिलेला

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वेळ असतो या वेळेला उपयोग प्रत्येक व्यक्ती कोणत्या
न कोणत्या मार्गे मनाला विरंगुळा प्राप्त होईल अशा
पद्धतीने व्यतित करण्याचा प्रयत्न करते यामध्ये
अनेक छंद जोपासणे खेळ खेळणे आणि पर्यटनासारख्या
मनोरंजनात्मक बाबीचा समावेश होतो पर्यटन या क्रिये-
मध्ये विविध नैसर्गिक व सांस्कृतिक स्थळांना भेट
देणे नयनरम्य देखावे पाहणे आल्हादायक हवामाना
चा आनंद घेणे गिर्यारोहण करणे यात्रा व सहली
व याचे नियोजन करणे यासारख्या बाबीचा समावेश
होतो या सर्व बाबीमधुन करमणुक घेणे हेच
अपेक्षित असते बऱ्याचहा पर्यटनाचा उद्देश हा करमणुक
मनोरंजन, विरंगुळा याच्यांशी संबंधित असतो आणि
म्हणुन पर्यटनाचे स्वरुप करमणूक प्रधान आहे

4) पर्यटनाचे गतिशील स्वरुप :-

पर्यटनाचे गतिशील स्वरुप हे स्थिर
व गतिशील अशा दोन्ही प्रकारचे आहे जेव्हा पर्यटक
प्रवास करत असतो तेव्हा तो गतिशील असतो.
आणि जेव्हा तो काखाद्या ठिकाणी निवास करुन
तेथील पर्यटन स्थळाचा आस्वाद घेत असतो त्या
वेळी तो स्थिर असतो याशिवाय पर्यटन या क्रियेमध्ये
काळाच्या ओघात जे बदल घडुन आले त्यामुळेही
पर्यटनाचे स्वरुप गतिशील आहे असे म्हणावे लागेल
म्हणजे प्रारंभिक अवस्थेत स्थानिक प्रदेशाना भेट
देणे पायी, /जनावरांच्या साहाय्याने प्रवास करणे
इतका मर्यादित असलेला पर्यटनाचा अर्थ आजमिती
प्रवासाची वाढलेली व गतिशील असलेली विवि
माध्यमे यामुळे सहजरित्या कित्येक दूर अंतरावस्
प्रदेशात प्रवास होऊ लागली. पर्यटना मध्ये मोठ्या
प्रमाणात आर्थिक उलढाल होऊ लागली.

5) पर्यटनाचे आतरविद्याशाखीय स्वरुप :-

पर्यटन ही क्रिया घडून येत असतात

ज्या स्थळांना व्यक्ती भेटी देते त्या स्थळांविषयी भौगोलिक, ऐतिहासिक, सामाजिक, सांस्कृतिक, आणि राजकीय, वाहतूक व संदेशवहन भाषा हवामान या सारख्या अनेक गोष्टींची माहिती असेल तर पर्यटन उत्तम रीतीने घडून येते. या सर्व बाबींची माहिती करून घेत असताना त्या-त्या संबंधित विषयाच विद्याशाखांचा सखोल अभ्यास केल्याशिवाय माहिती मिळणे अशक्य असते. या प्रकारची माहिती मिळाल्याशिवाय पर्यटन घडून येऊ शकत नाही.

उदा:- एखादया पर्यटन स्थळाला भेट देत असताना त्या ठिकाणाचे हवामान कोणत्या स्वरूपाचे आहे. भौगोलिक रचना कशा स्वरूपाची आहे. कोणकोणते वनस्पती व प्राणी उपलब्ध नाही.

) पर्यटनाचे अनुत्पादक स्वरूप :-

पर्यटन हा तृतीय क्षेत्रातील व्यवसाय आहे या व्यवसायामध्ये विविध सेवा समाविष्ट होतात आणि या सेवांच्या समन्वयाने पर्यटन परिपूर्ण होते. पर्यटन क्षेत्रामध्ये प्रत्यक्षात कारखान दारीमध्ये ज्या प्रकारची गुंतवणूक केली जाते ज्या प्रकारची गुंतवणूक केली जात नाही. विविध वस्तुंचे उत्पादनही घेतले जात नाही आणि त्यातून आर्थिक प्राप्तीही होत नाही. म्हणजेच पर्यटनामध्ये अशा प्रकारची कोणतीही भांडवल गुंतवणूक नसते. कोणत्याही प्रकारच्या नवीन वस्तुरूपाने उत्पादन घेतले जात नाही; त्यामुळे पर्यटन हा प्रत्यक्षरीत्या अनुत्पादक व्यवसायात मोडणारा व्यवसाय आहे. तरीही पर्यटनाला व्यवसाय आहे. तरीही पर्यटनाला व्यवसाय म्हटले जाते. कारण पर्यटनामधून वेगवेगळ्या प्रकारच्या रोजगार निर्मिती होती. आणि पर्यटकांकडून खर्च केलेला पैसा हा विविध सेवांच्या मोबदल्यात जमा होऊन समाजातील अनेक घटकापर्यंत पोहोचण्याची क्रिया

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7) पर्यटनाचे हंगामी स्वरूप :-

विशिष्ट हंगामाच्या पर्यटक विशिष्ट पर्यटन स्थळांना भेटी देत असतात. भारतामध्ये तीन ऋतू हंगाम आहेत. या ऋतु-मध्ये विशिष्ट प्रदेशातील पर्यटन स्थळ गजबजलेली असतात. त्याबरोबर विविध प्रकारचे सण व उत्सव हे देखील हंगामी स्वरूपाचे असतात. पावसाळ्याच्या दिवसात पर्यटक धबधबे पाहण्यासाठी डोंगराळ प्रदेशातून पर्यटक असतात. हिवाळ्याच्या दिवसात उष्ण प्रदेशात म्हणजे समुद्रकिनारी काही प्रमाणात वाळवंटे पाहण्याकडे लोकांचा कल असतो.

पर्यटनाची व्याप्ती

① पर्यटन आणि वाहतुक :-

पर्यटनामध्ये वाहतुकीची भूमिका अत्यंत साधारण आहे. पर्यटक आपल्या निवासस्थानापासून पर्यटन स्थळापर्यंत जाण्याकरिता वाहतुकीच्या कोणत्या ना कोणत्या साधनाचा / माध्यमाचा उपयोग करत असतो. पूर्वीच्या काळी पर्यटन, यात्रा करू बहुतांशी पायी, जनावरांच्या साहाय्याने प्रवास करत होते. आजमितीस रस्तामार्ग, जलमार्ग, हवाईमार्ग असे विविध पर्यायी वाहतुकीसाठी उपलब्ध आहेत. थोडक्यात वाहतुकीचे सर्व पर्याय प्रवासासाठी उपलब्ध आहेत. मानवाच्या शरीरामध्ये रक्तवाहिन्यांचे जाळे जेवढे चांगले असेल तेवढा शारिरिक विकास निकोप होतो. फांद्यांच्या भागात रक्त पुरेसा कमी झाला तर त्याची वाढ खुंटते.

② पर्यटन आणि पर्यावरण :-

आपल्या सभोवतालच्या मूर्त आणि अमूर्त घटकांनी मिळुन बनलेल्या परिस्थि स पर्यावरण असे म्हणतात. सभोवतालच्या पर्याव

पर्यावरणीय परिस्थितीमध्ये सजीव आणि निर्जीव घटकांचा घनिष्ट सहसंबंध असतो. सभोवतालच्या पर्यावरणातील नैसर्गिक देखावे, वनस्पती, प्राणी भूपृष्ठ रचना त्यामधील डोंगररागा, दऱ्या, धबधबे जलाशये त्याचप्रमाणे विविध हवामानाचे प्रदेश हे मानवी दृष्टीने आकर्षण बिंदू असतात.

नैसर्गिक साधनसंपत्ती हा पर्यावरणाचा आ आहे. ठाच्यादया पर्यटन स्थळावरील सृष्टिसौंदर्य नाहीसे झाल्यास, त्यामध्ये बदल ऋणात्मक झाल्यास पर्यटकाचा त्या पर्यटन स्थळाकडुन ओघ ऊ होतो.

) पर्यटन आणि संस्कृती :-

मानवाचा आहारविहार आचारविचार चालीरीती, रुढी व परंपरा या घटकांचा समावेश संस्कृतीमध्ये होतो. सांस्कृतिक देवाण घेवाणीमु राष्ट्रीय ठाकात्मता दृढ होण्यास मदत होते. प्राची काळातील मिश्र सुमेरियन, माया, सिंधू या संकृ प्रगत होत्या या प्राचीन संस्कृत्यामधील शहरांचे अवशेष पाहण्याकरिता शेकडो पर्यटक भेटी देत असतात. प्रवास म्हणजेच पर्यटन करणाऱ्या लोकांना विविध सांस्कृति घटक पाहावयास मिळतात. सांस्कृतिक घटकामधील परंपरा साहित्य, भाषा, नृत्य, संगीत आचार-विचार आहार राहणीमान घरांची रचना शे करण्याची पद्धती यासारख्या असंख्य बाबीपर्यटन म्हणजेच प्रवासात अनुभवास मिळतात.

) पर्यटन आणि धर्म :-

धर्माचे मानवी जीवनातील स्थान महत्त्वपूर्ण आहे मानवी आचार विचार, जीवनप्रणाली विवाह कायदा न्याय कुटुंबसंस्था, जातिसंस्था, कला या घटकांवर धर्माचा प्रभाव जावतो. मानवी समाजा भावना व अध्दा धर्माशी निगडित असतात.

जगामध्ये धर्माचे विविध प्रकार आढळतात. त्यामध्ये
चाकश्वरी धर्म (इस्लाम, ख्रिश्चन, बौद्ध) अनाकश्व
शिय धर्म (हिंदू व जैन) या शिवाय सार्वसमोमिक
धर्म व वांशिक धर्म असेही प्रकार होतात. सर्व
भौमिक धर्म संपूर्ण जगामध्ये आढळतात. जगातील
कोणत्याही नागरिकास या धर्मात मुक्त प्रवेश
आहे. यामध्ये ख्रिश्चन, बौद्ध, इस्लाम हे प्रमुख
धर्म आहेत. हिंदू, जैन, यहुदी, बहाई हे वांशिक
धर्म. या धर्माचा अंगीकार करण्यासाठी विशिष्ठ
जीवनशैली व सांस्कृतिक प्रतियानांचा अंगीकार
करावा लागतो.

5. पर्यटन आणि निवासस्थाने :-

निवासस्थानांना पर्यटनामध्ये अन्य
साधारण असे महत्त्व आहे. कोणत्याही पर्यटनस्थळ
विकास हा त्या ठिकाणी असणाऱ्या सेवा-सुविधांच्या
आधारे होत असतो या सेवा सुविधांच्या आधारे
होत असतो. त्या सेवा सुविधांमध्ये निवासस्थान
दखिल समावेश झालेला आपणास दिसून येतो.
निवासस्थानाचे वर्गीकरण पाहिल्यास आपल्याला त्यामे
अनेक प्रकार पाहावयास मिळतात.

1) मातरराष्ट्रीय हॉटेल
2) व्यापारी हॉटेल
3) तरंगते तरंगणारे हॉटेल
4) कॅप्सुल हॉटेल
5) युथ हॉस्टेल
6) रिसॉर्ट
7) मोटेल
8) अतिथीगृह
9) सरकारी विश्रामगृह
10) बंगले व राहुट्या
11) प्रवासी अतिथी सेव
12) निवासी हॉटेल
13) धर्मशाळा
14) हॉलिडे व्हिलेज.

6) पर्यटन आणि राष्ट्रीय शाकात्मता :-

पर्यटनामुळे सांस्कृतिक देवाण
घेवाण होते त्यात भाषेचा फार मोठा वाटा

पर्यटक ज्या वेळी आपल्याच देशातील अनेक राज्यामध्ये पर्यटनासाठी जात असतो त्या वेळी त्या प्रदेशातील भाषा आचारविचार जरी भिन्न असले तरी त्या प्रदेशाचे त्याचे नाते जुळते आणि यातुन राष्ट्रीय एकात्मता वाढीस लागते.

⑦ पर्यटन आणि भाषा :-

पर्यटनामुळे सांस्कृतिक देवाण घेवाण होते त्यात भाषेचा फार मोठा वाटा असतो. पर्यटकांमुळे स्थानिक भाषेमध्ये अनेक पारिभाषिक शब्द नव्याने येतात. भाषेच्या साहाय्याने पर्यटनानिमित्त सामाजिक व सांस्कृति बदलाचे विश्लेषण केले जाते पर्यटनामुळे पर्यटना पर्यटकांना अनेक भाषा ऐकायला मिळतात त्यातील अनेक शब्द कालांतराने पटवलीचे होऊन जातात.

⑧ पर्यटनविषयक समस्या आणि त्यांचा अभ्यास :-

पर्यटन विकासाबरोबरच त्या प्रदेशामध्ये निर्माण होणाऱ्या समस्या देखील अभ्यास हा पर्यटन भूगोलामध्ये केला जातो. पर्यटनातुन त्या प्रदेशाची पर्यावरणाची हानी, त्या प्रदेशावर ती निर्माण होणारा आर्थिक ताण सामाजिक प्रश्न संस्कृतीचा ऱ्हास यासारख्या समस्या निर्माण होतात अशा समस्या अतिशय कल्पकतेने सोडवाव्या लागतात आणि त्या पुन्हा निर्माण होणार नाहीच याचीही काळजी घ्यावी लागते तशा उपाययोजना कराव्या लागतात. या समस्या स्थानिक प्रदेशातील लोकांनासुद्धा त्रासदायक ठरत असतात.

9. पर्यटकांची वाढती संख्या :-

मानवाच्या वाढत्या गरजा आणि त्यातुन वाढणारा ताण हलका करण्यासाठी पर्यटक त्यामुळेच पर्यटनस्थळी भेट देण्यासाठी जात असतात. उच्च राहणीमान, वाहतुकीच्या जलद सुविधा राहण्याची योग्य सुविधा त्याचबरोबर पर्यटन स्थळांचा झाला

Dept. of Geography

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

ISRO Distance Courses

This is inform to all Geography students that the Department of Geography is collaborating with ISRO for IIRS Outreach Program. In that Concern oneday online Workshop entitled **Microwave Remote Sensing in Agriculture** organized on 28 March 2019. Kindly Participate in above program to gain new knowledge in field of Remote Sensing.

Head

Department of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Geography

Department of Geography

ISRO Distance Workshop

Microwave Remote Sensing in Agriculture

Sr.No.	Name of Student	Class	Sign
1	Sonali Balasaheb Kalekar	MA I	
2	Priyanka Bhanudas Vakte	MA I	
3	Sonali Tanaji Jagtap	MA I	
4	Nitin Dada Abhale	MA I	
5	Rajendra Anna Pawar	Staff	
6	Dipali Pandharinath Wakchaure	MA I	
7	Jayashri Raybhan Khandizod	MA I	
8	Shrikant Bhausaheb Nikam	MA I	
9	Akshay Machhindra Anap	MA I	
10	Kavita Kailas Dighe	MA I	
11	Vaishali Ashok Kandalkar	MA I	
12	Rajendra Anna Pawar	Staff	

Certificates of Students

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो isro

नामांकन सं./ Enrollment No.: 2019100674970

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि कु॰ कविता कैलास दिघे ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. KAVITA KAILAS DIGHE** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनाँक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

UID- This certificate can be validated using URL- http://certificate.iirs.gov.in

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Geography

सत्यमेव जयते

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
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इसरो ISRO

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आई. आई. आर. एस. आउटरीच कार्यक्रम
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यह प्रमाणित किया जाता है कि कु॰ कविता कैलास दिघे ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. KAVITA KAILAS DIGHE** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनाँक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

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नामांकन सं./ Enrollment No.: 2019100674205

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि श्री अक्षय मच्छिंद्र आनाप ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MR. AKSHAY MACHHINDRA ANAP** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनाँक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

Principal
K. J. Somaiya College of Arts,

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो isro

नामांकन सं./ Enrollment No.: 2019100674206

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि श्री श्रीकांत भाऊसाहेब निकम ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MR. SHRIKANT BHAUSAHEB NIKAM** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

Principal
K. J. Somaiya College of Arts

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी
एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT &
Distance Learning Department,
IIRS

कार्यशाला समन्वयक,
Workshop Coordinator ,
IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच
कार्यक्रम समूह
Group Head, Geospatial Technologies
& Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

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भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION

अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

नामांकन सं./ Enrollment No.: 201910

आई. आई. आर. एस. आउटरीच कार्यक्रम

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कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि कु॰ जयश्री रायभान खंडीझोड ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को अ
दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरए
नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोप
ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. JAYSHRI RAYBHAN KHANDIZOD** has participated in one c
workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this in
28-03-2019. The participant has attended the workshop at IIRS Outreach network centre, K
Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kop

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दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक, विश्वविद्यालय/संस्थान Coordinator	प्रमुख, जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग	कार्यशाला समन्वयक, Workshop Coordinator , IIRS	समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो isro

नामांकन सं./ Enrollment No. : 2019100674475

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि कु॰ दीपाली पंढरीनाथ वाकचौरे ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. DIPALI PANDHARINATH WAKCHURE** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

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सत्यमेव जयते

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION

अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

इसरो इंडिया

नामांकन सं./ Enrollment No. : 2019100674479

आई. आई. आर. एस. आउटरीच कार्यक्रम

IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि प्रो॰ राजेंद्र अण्णा पवार ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **PROF. RAJENDRA ANNA PAWAR** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनाँक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

Principal
K. J. Somaiya College of Arts

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

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भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो isro

नामांकन सं./ Enrollment No.: 2019100674537

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि कु॰ सोनाली तानाजी जगताप ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. SONALI TANAJI JAGTAP** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institutions

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

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Dept. of Geography
KOPARGAON

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो ISRO

नामांकन सं./ Enrollment No.: 2019100674584

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि कु॰ प्रियंका भानुदास वक्ते ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. PRIYANKA BHANUDAS VAKTE** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator University/ Institution

Principal
K. J. Somaiya College of Arts
KOPARGAON

प्रमुख, जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक, Workshop Coordinator, IIRS

समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक, आई॰आई॰आर॰एस॰
Director, IIRS

Dept. of Geography
K. J. SOMAIYA COLLEGE KOPARGAON

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भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो ISRO

नामांकन सं./ Enrollment No.: 2019100674543

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

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यह प्रमाणित किया जाता है कि कु॰ सोनाली बाळासाहेब कालेकर ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MS. SONALI BALASAHEB KALEKAR** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institutions

Principal
K. J. Somaiya College of Arts
Science, Kopargaon

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

कार्यशाला समन्वयक,
Workshop Coordinator, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

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K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

सत्यमेव जयते

इसरो ISRO

नामांकन सं./ Enrollment No. : 2019100674485

आई. आई. आर. एस. आउटरीच कार्यक्रम
IIRS Outreach Programme

कार्यशाला मे सहभागिता का प्रमाणपत्र/CERTIFICATE OF PARTICIPATION IN WORKSHOP

यह प्रमाणित किया जाता है कि श्री नितिन दादा आभाळे ने इस संस्थान द्वारा दिनांक 28 मार्च, 2019 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला, कृषि के लिए सूक्ष्मतरंग सुदूर संवेदन में भाग लिया। प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस ऑनलाइन कार्यशाला मे भाग लिया है ।

This is to certify that **MR. NITIN DADA ABHALE** has participated in one day online workshop titled **Microwave Remote Sensing in Agriculture**, conducted by this institute on **28-03-2019.** The participant has attended the workshop at IIRS Outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

दिनांक/ Date: 17-09-2019
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/संस्थान
Coordinator
University/
Institution

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

निदेशक,
आई॰आई॰आर॰एस॰
Director, IIRS

UID- [illegible] .This Certificate can be validated using URL- http://certificate.iirs.gov.in

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Geography Yutube Lectures – Vasudha MPSC Yutube Chanel

Dr.Vasudev Salunke has uploaded More than 76 Geography Videos Lecture on yutube platform.

FYBA Geography (2019 Pattern)
Subject-Principles of Physical and Human Geography

Sr.No.	Name of Subject	Link of Yutube Video Lecture
1	Introduction to Physical Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3117
2	Lithosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3122
3	Atmosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3132
4	Hydrosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3134
5	Introduction to Human Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3138
6	Population	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3145
	Human Settlements	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3149
7	Agriculture	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3510
8	Map :Introduction, Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3701
9	Scale :Definition and Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/4098

FYBA Geography FYBA Geography (2013 Pattern)
Subject-Elements of Geomorphology

Topic No.	Name of Topics	Yutube Links
Topic 1	Introduction to Geomorphology	https://youtu.be/5D7JL-HUc_k
Topic 2	Fundamental Concepts of Earth	https://youtu.be/UCi9Utpigew
Topic 3	Interior of Earth	https://youtu.be/n7bLIINdjsQ
Topic 4	Rocks	https://youtu.be/A1RHTocZxWU
Topic 5	Diastrophic Movements	https://youtu.be/F8k68zDP1XU
Topic 6	Weathering	https://youtu.be/NddQ_Y5U_0g
Topic 7	Earthquakes and Volcanoes	https://youtu.be/dmXYPpSK1I0 https://youtu.be/RgsQSeUO8ok
Topic 8	Erosional and Depositional landforms by River and Sea waves	https://youtu.be/zf2-taDDd9o https://youtu.be/oxmXhjmYRBQ
Topic 9	Mass Movements	https://youtu.be/FHXmfX4o8rs
Topic 10	Applied Geomorphology	https://youtu.be/90VTdKHSbEk

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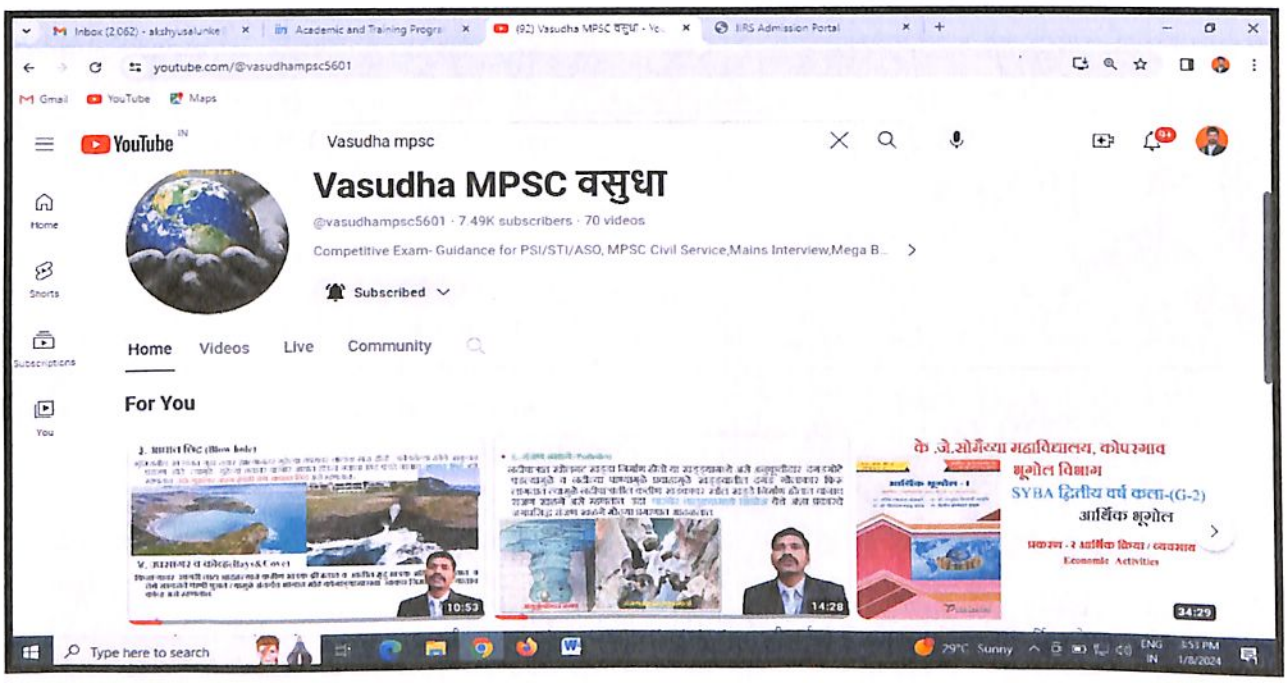
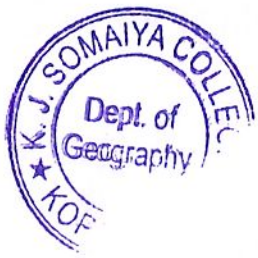
Dept. of Geography

Some videos are uploaded for students who prepared for Competitive Exam Guidance.







सावित्रीबाई फुले पुणे विद्यापीठाच्या प्रथम वर्ष कला (FYBA) अभ्यासक्रमानुसार

भूरुपशास्त्राची मूलतत्वे

प्रा.डॉ.वसुदेव शिवाजी साकुंके

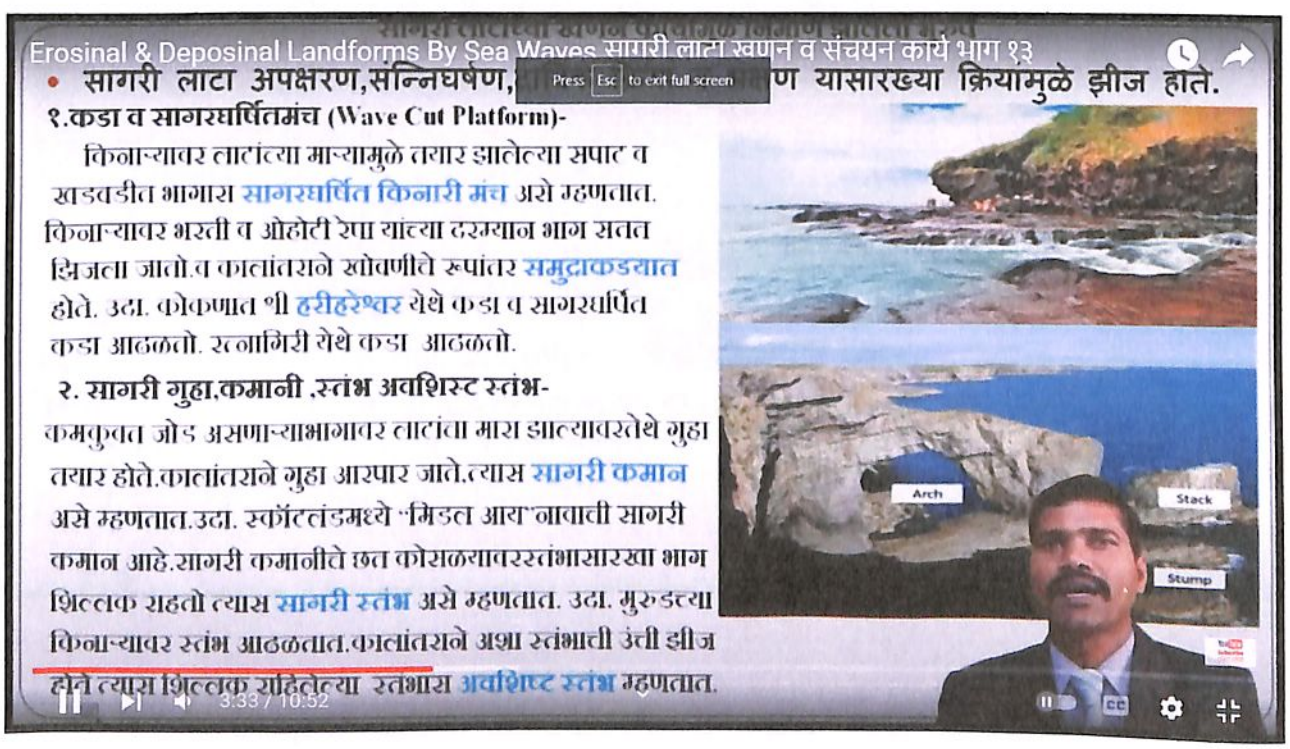
(सहायक प्राध्यापक भूगोल विभाग)

के.जे.सोमैया कला,वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव

प्र. ७ खणन व संचयनकारके (सागरी लाटा)

भाग -१३





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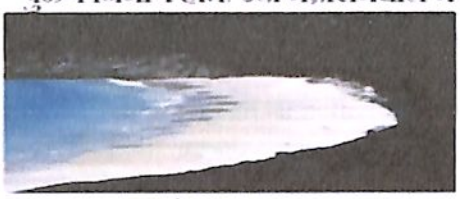
२.पुळण (Beach) –

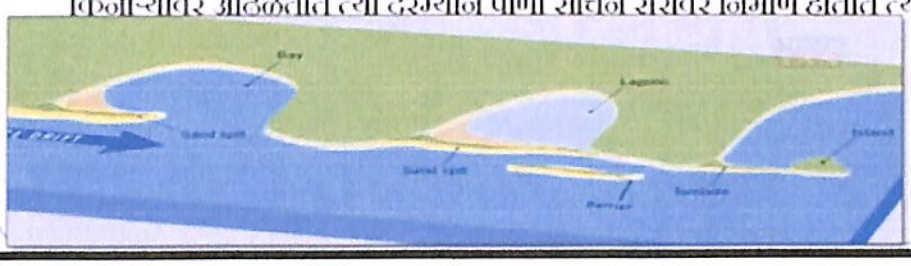
सागर किनाऱ्यावर सागरजन्य पदार्थांचे संचयन आले या संचयनाचा उतार समुद्राकडे असतो व त्यापासून पुळण निर्माण होते. उदा गद्रासमधील मरीना बीच.





३.वालूचा दांडा (SandBar)-

खुल्या समुद्रात पण किनाऱ्याजवळील तरंगवृत्त मंदावल्या समुद्रकडील वाजूवर किनाऱ्यास समांतर असे वालू, शंख,शिंपले यांचे संचयन आढळते .यास वालूचा दांडा असे म्हणतात. अशा तऱ्हेची दांडे केरळच्या किनाऱ्यावर आढळतात त्या दरम्यान पाणी साचन सरोवर निर्माण होतात त्यास कायत म्हणतात.





३. आघात छिद्र (Blow hole)

भुशिरतील खडकात गुहा तयार झाल्यानंतर गुहेच्या छपरावर लाटांचा मारा होतो . कोंडलेल्या हवेचे आकुंचन प्रसरण होते त्यामुळे गुहेच्या छतावर वारंवार आघात होऊन छताला छिद्र पडते यालाच आघात छिद्र असे म्हणतात .उदा.गुहागर जवळ हेदवी येथे आघात छिद्र असे म्हणतात.





४. उपसागर व कोव्ह(Bays&Cove)

किनाऱ्यावर सागरी लाटा आदळल्याने कठीण खडक झीजतात व आतील मृदु खडक अ[illegible]तात व तेथे सागराचे पाणी घुसते त्यामुळे अंतर्गत भागात मोठे कोनाड्यासारखा आकार निम[illegible]यालाच कोव्ह असे म्हणतात.



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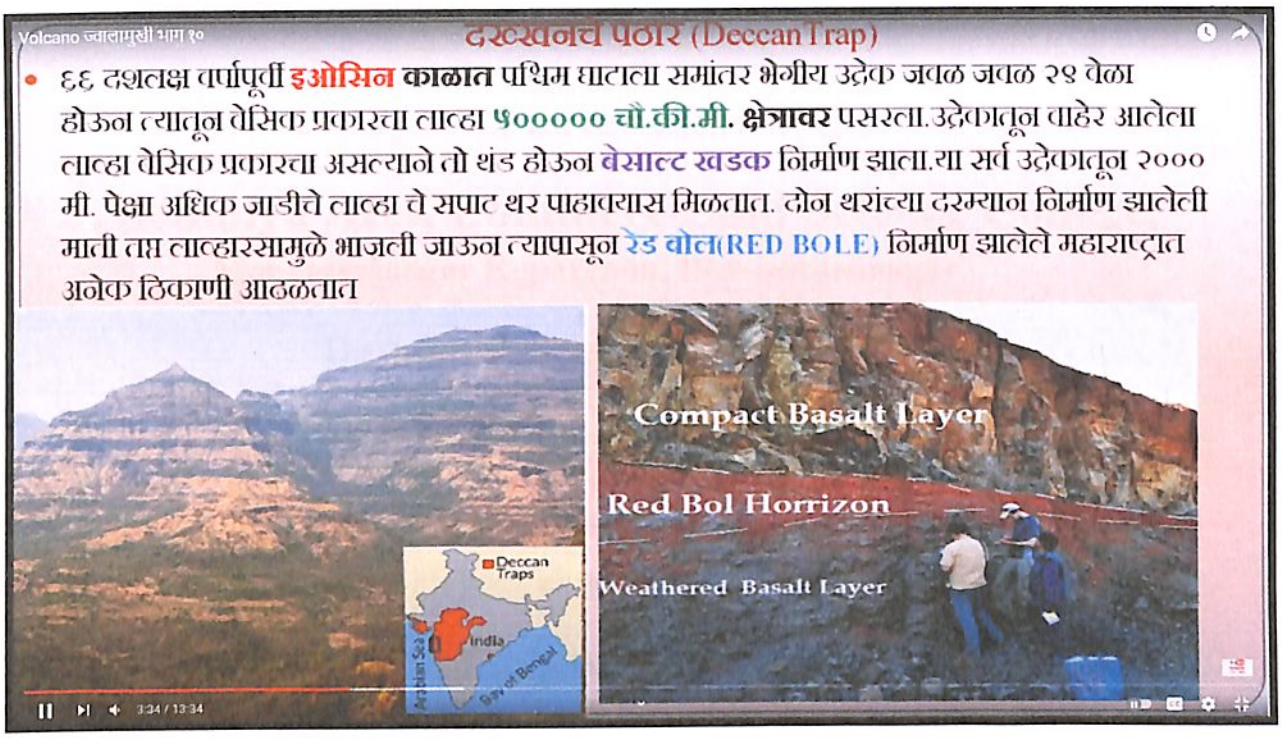



Dr. V.S. Salunke
Subject Teacher

K. J. SOMAIYA COLLEGE ★ KOPARGAON
Dept. of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Digital Solar System Activity

This is hereby informed to all students that Department of Geography is going to Demonstrate Solar System with help of software in Department of Geography on 12th Jan 2019at 10:30am.

All the students of department should be present and take active participation in above said program.

Subject Teacher
Dr. V. S. Salunke

Photographs of Programme



Digital Solar System Demonstration in FYBA Class



FYBA Student Vaibhav Bidave Showing Digital Solar System

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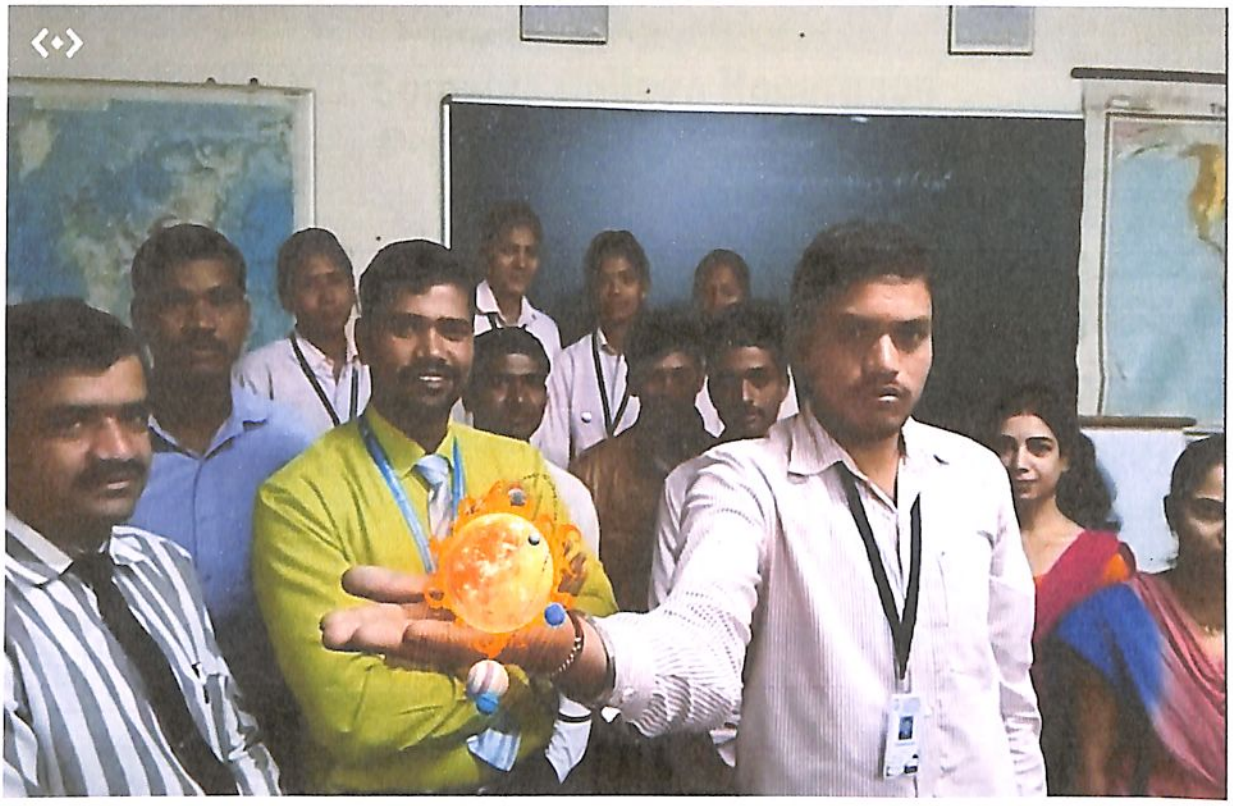


Department Students are Experiencing Digital Learning Experience with Staff



Department Students are Experiencing Digital Learning Experience

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Geography

Digital Solar System

Attendance of Students

12th Jan 2019

Sr.N	Name Of Student	Class	Roll No.	Signature
1	Jupakar Arun Vilas	SY. B. A	04	Jupakar
2	Dhamale Akshy M.	S.Y.B A	07	Dhamale
3	Supakar Amruta Lahone	SY. B A	09	Amruta
4	Zaruke Shivani Rajendra	SY. B. A	15	Zaruke
5	Landhe Guni Sarad	SY. B A	18	Landhe.
6	Shinde Maya Talidar	SY. B. A	16	Maya.
7	Gorde Sanchita B.	S.Y.B A.	02	Gorde.
8	Kakale Rahuni Bale	SY. B A.	05	Kakale.
9	Bhosle Ganesh	SY. B. A	04	Bhosle.
10	Lahare Kiran Shivlal	SY. B. A	27	Kiran
11	Shaik Afaib Ayub	SY. B A	30	Ashik
12	Zurale Swati Rajendra	SY. B A	35	Swati.
13	Dhobale Shradh Rajendra	T.Y.B A	23	Shradha.
14	Thakar Nitin Suresh	T. Y. B A	21	Nitin.
15	Satpute. Yogesh Prakash	T. Y. B A	24	Satpute.
16	Dange Poonam Talindar	T.Y.B A	33	Poonam
17	Dereker Sujata Mohan	T Y. B A	45	Sujata.
18	Kolhe Shital Sudam.	T. Y. B A	44	Shital.
19	Jadhv Prathisha R.	T Y. B A	54	Jadhv.
20	Bhavsar Vaishnavi R.	T. Y. B A	61	Bhavsar V.R.
21	Holkar Shanta Himmatrao	T Y. B A	26	Shanta.
22	Jorvekar Karan Dnyandeo	TY. B A	65	Karan
23	Jamdade Kalyan R.	T. Y. B A	11	Kalyan.

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Report of Activity

Digital solar system activity conducted for geography students of class FYBA, SYBA TYBA and PG Level. In this activity arranged with help of cuboide software where students can experience solar system virtually and digitally. More than 22 students were participated in this activity.

Teacher In charge

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Head of The Department

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College, Mohanirajnagar Kopargaon, Dist-Ahmednagar

Student Centric Activity

Department of Geography Academic Year-2019-20

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	A.Practical		
		B. Field Survey	26/12/2019	12
		C. Guest Lecture	14/01/2020	24
2.	Participative Learning	A. Bird Census	18/01/2020	21
		B. Scientific Model Making	10/01/2020	11
		C. Village Survey	03/03/2020	23
		D. Solar Eclipse	26/12/2019	15
		E.Geoinformatics Diploma		22
3.	Problem Solving Methods	A. Assignments	12/11/2019	11
4.	ICT Based Teaching Methods	A. PPT List		
		B. Marathi Vishwakosh online		

Dr. V. S. Salunke

Dr. G. K. Chavhan
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

"Kopargaon Taluka Education Society's"

K. J. SOMAIYA COLLEGE OF ART'S COMMERCE & SCIENCE, KOPARGAON

Mohanirajnagar, Kopargaon, Dist.Ahmednagar - 423 601

Roll No. **Certificate** Exam Seat No.

This is to certify that Shri./ Miss / Mrs. Joshi Akshada Pralhad

has satisfactory carried out the necessary practical work prescribed by Savitribai Phule Pune University, Pune for S.Y.B.A. / T.Y.B.A. class in Geography and that this journal represents his / her bonafied work in the year 2019 / 2020

EXAMINED

Date : 15 / 03 /2020

Place : Kopargaon

Teacher in Incharge

Prof. Dr. S. Pandhare

Examiner

Head
Department of Geography
K. J. Somaiya College, Kopargaon

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगांव

भूगोल विभाग

* अनुक्रमणिका *

अ.क्र.	घटकाचे नाव	सही
1.	नकाशा व नकाशा प्रमाण	
2.	नकाशा प्रक्षेपण	
3.	सांख्यिकी आकृत्या	
4.	सर्वेक्षण	
5.	ग्राम सर्वेक्षण	

अ.क्र.	घटकाचे नाव	सही

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Field Survey Activity

This is inform to all SYBA/ TYBA Geography students that the Department of Geography has organized Bird Census Activity at 10:30 a.m. at Godavari River bank. All the students are present s to on scheduled date.

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Geography

Department of Geography

Attendance of Field Survey Activity

Roll.	Name of Student	Class	Signature
1	सानप शुभम सुनिल	S Y. B. A	Sunil
2)	पासलकर विशाल राजेंद्र	S Y. B A	[illegible]
3.	शिवा भगवान टेके.	S Y. B A.	[illegible]
4.	सुपेकर मृदुला लहानु	S Y. B A	[illegible]
5.	लोंढे गौरी शरदराव	S Y. B A	[illegible]
6.	वाघ शिवा विलास	S Y. B. A	[illegible]
7.	रक्ताटे ऋतुजा भाऊसाहेब	S Y. B A	[illegible]
8.	वाघचौडे अंजली संजय	S Y. B A	[illegible]
9.	पाचोरे शितल विलास	S Y. B A	[illegible]
10.	जोशी अक्षदा प्रल्हाद	S Y. B A	[illegible]
11.	शिंदे माधा जालिंदर	S Y. B A	[illegible]
12)	लोखंडे कोमल भास्कर	S Y. B A	[illegible]

Name of Teacher

Head of the Department

Head
Department of Geogra...
... Somaiya College, K...

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARG...

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College, Mohanirajnagar

Kopargaon, Dist-Ahmednagar

Department of Geography

Field Survey Activity Photographs





SOMAIYA COLLEGE Dept. of Geography KOPARGAON

दिनांक- ११/०१/२०२०

के. जे. सोमैया महाविद्यालय कोपरगाव

भूगोल विभाग

सूचना

भूगोल विभागातील सर्व विद्यार्थ्यांना (SYBA/TYBA/MA/MSc) सूचित करण्यात येते कि, भूगोल विभागामध्ये विद्यार्थ्यांसाठी संत ज्ञानेश्वर महाविद्यालय, नेवासा , येथील भूगोल विभाग प्रमुख डॉ. के. जी. धनवटे यांचे "Importance of Biodiversity and Human Being" या विषयावर व्याख्यान (Guest Lecture) आयोजन करण्यात आले आहे, तरी सर्व विद्यार्थांनी भूगोल विभागामध्ये एम-48 या वर्गात दिनांक - १४ /०१ /२०२० रोजी सकाळी १०.०० वा उपस्थित राहावे .

भूगोल विभाग

प्रमुख

Head

Department of Geography

K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * Dept. of Geography * KOPARGAON

Kopargaon Taluka Education Society's

K.J. Somaiya College Kopargaon

Department of Geography

(Guest Lecture) Attendance

(SYBA/TYBA/MA/MSc)

Date – १४/०१/२०२०

अ.नं	विद्यार्थ्यांचे नाव	वर्ग	सही
1.	भवर शशिकांत दिगंबर	SY.BA	S.D.B
2.	शिवा भगवान देके	SY.BA	Shiva
3.	सुपेकर अमृता लहानू	SY BA	Amruta
4.	सानप शुभम सुनिल	SY.BA	Sunil
5.	पासलकर विशाल राजेंद्र	S Y.B.A	Vishal.
6.	लोंढे गौरी शरदराव	SY.BA	[illegible]
7.	वाघ शितल विलास	SY.BA	Wagesv.
8.	रक्ताटे तुजा माकसाहेब	SY.B.A	Dhutuja
9.	वाघखेडे अंजलि संजय	SY.B.A	Anaykende.
10.	पाचोरे शितल विलास	S.Y.BA	Rueshmm
11.	जोशी श्रद्धा प्रल्हाद	SY.BA	Joshi
12.	शिंदे माया जाकिंदर	TYB.A	Shinde
13.	सुपेकर अमृता लालू	SY.BA	Amruta
14.	लोखंडे कोमल भास्कर	SY.BA	Lokhade
15.	अभाळे जिनीन छादा	MA II	Nitale.
16.	वाघकर अरुन ज्ञानेश्वर	MA-II	Anaykar
17.	शिंदे कुणाल राजेंद्र	MA-II	Kanal
18.	उगलमुगले निखील	MA-II	Nikhil
19.	पगारे वैशाली बालू	MA II	Pagar V.B.
20.	पवार दिपक [illegible]	MA II	Dpawar.
21.	वाघ अमोल माधव	MA I	Amahu.
22.	सापुते योगेश प्रकाश	MA I	Satyute
23.	कुवे कावेरी पुलशिंग	MA I	Kokuche.
24.	महाले श्रद्धा शशिकांत	MA I	Smatate
25.			

Kopargaon Taluka Education Society's

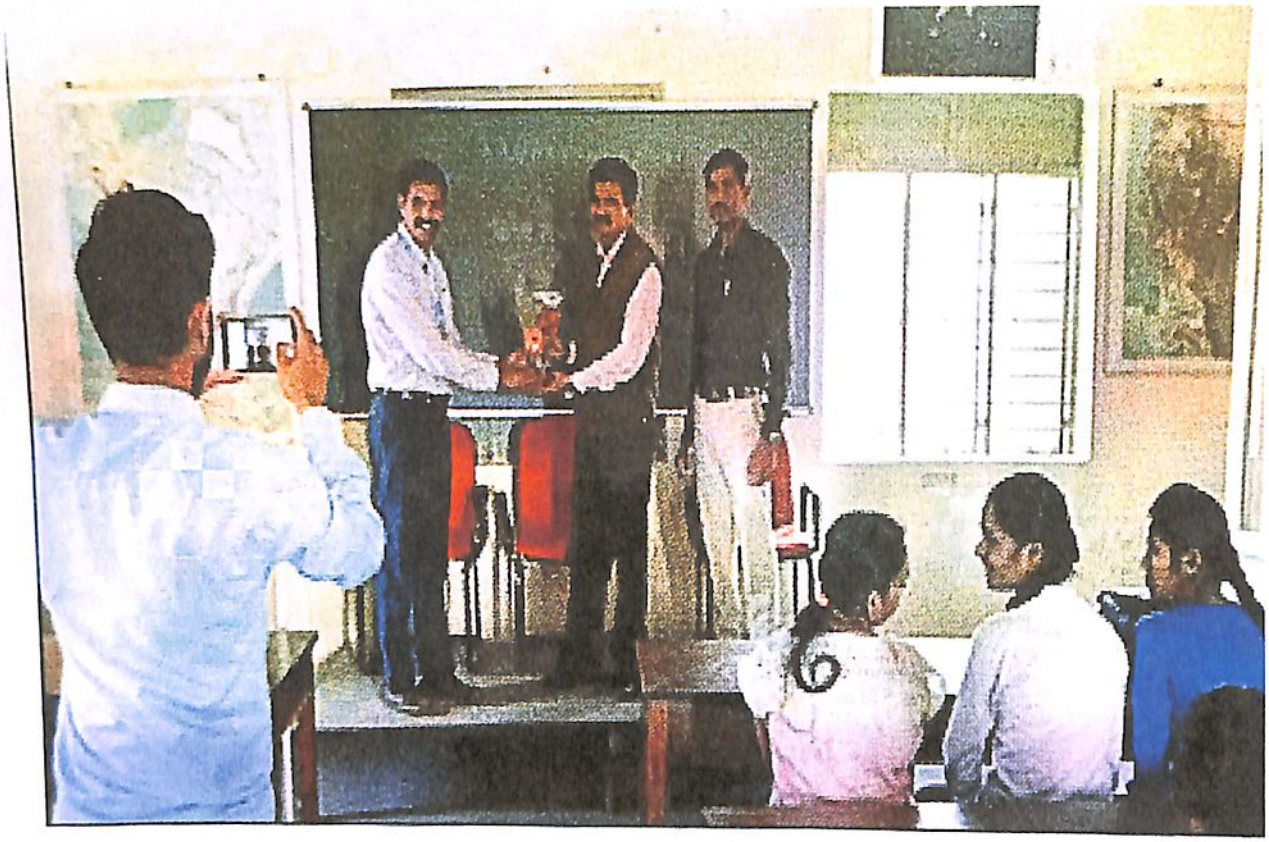
K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Guest Lecture

14/01/2020



विभाग मार्फत आयोजित एक दिवशीय कार्यशाळेचे प्रमुख पाहुणे डॉ. के. जी. धनवटे (भूगोल विभाग प्रमुख, ज्ञानेश्वर महाविद्यालय, नेवासा) यांचा सत्कार करताना विभागातील डॉ. व्ही. एस. साळुंके व प्रा. आकाश सोनवणे

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Bird Census Activity

This is inform to all SYBA/ TYBA Geography students that the Department of Geography has organized Bird Census Activity at 10:30 p.m. at Godavari River bank. All the students are requested to on scheduled date.

Name of Teacher
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Department of Geography

Attendance of Bird Census

Roll.	Name of Student	Class	Signature
1.	ठोबरे रोहिणी नानासाहेब	S.Y.B.A	[signature]
2.	शेळके प्रियंका बाळू	S.Y.B.A	[signature]
3	वाघखंडे मंजरी संजय	S.Y.B.A	[signature]
4	रक्ताटे [illegible] नानासाहेब	S.Y.B.A	[signature]
5.	पाचोरे विशाल संभाजी	S.Y.B.A	[signature]
6	वाघ शितल विलास	S.Y.B.A	Wages. V.
7	जोशी [illegible]	S.Y.B.A	[signature]
8.	थोरात ज्योती बाळासाहेब	S.Y.B.A	[signature]
9.	शिंदे माया जालिंदर	T.Y.B.A	[signature]
10.	लोढे गौरी शरदराव	T.Y.B.A	[signature]
11	सानाम [illegible]	S.Y.B.A	Sunil
12.	सुपेकर अमृता लहानू	Syba	[signature]
13	[illegible]	S.Y.B.A	S.D.B.
14.	शिवा भगवान ठेके	S.Y.B.A	[signature]
15.	~~शिंदे~~ लोखंडे कोमल भास्कर	S.Y.B.A	Kona/L
16.	निजाम शाकुर सय्यद	T.Y.B.A	[signature]
17	पासलकर विशाल राजेंद्र	S.Y.B.A.	[signature]
18	खंकाळे रोहिणी बाळासाहेब	T.Y.B.A.	[signature]

[signature]

Name of Teacher

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

[signature]

Head of the Department

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K.J. Somaiya College Kopargaon
Department of Geography
Bird Census Activity-Photographs



Students are observing Birds and enumerating For Census



Prof. Sonawane is observing Birds and enumerating For Census

K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON



Students are observing Birds and enumerating For Census



Students Team for Birds Census

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON



Dr. Vasudev Salunke leading and observing and enumerating activity of Bird Census

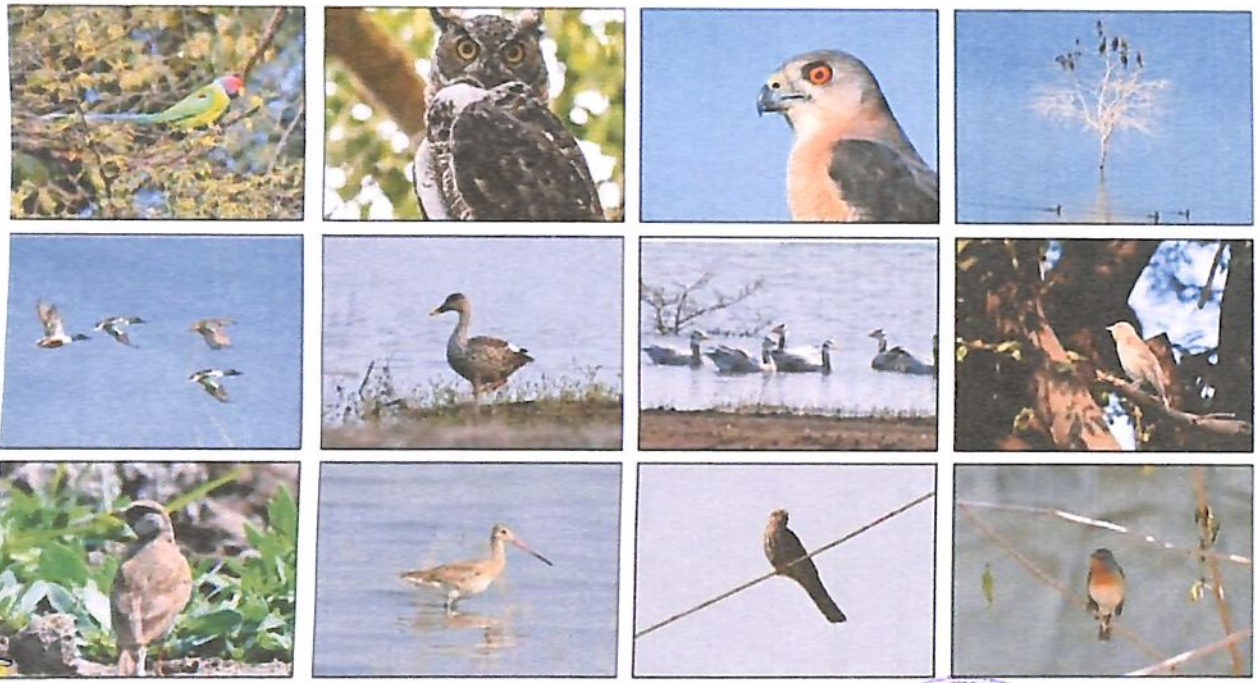


Students Team for Birds Census

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

जिल्ह्यात १६७ प्रजातींच्या सुमारे १ लाख ८० हजार पक्षांची नोंद

पक्षीगणना ४० प्रौढ निरीक्षकांसह ५०१ विद्यार्थ्यांनी १५९ ठिकाणी केली गणना



नगर स्वतंत्र/ अहमदनगर

दि. २२ – जिल्हा निसर्गप्रेमी संघटना तथा जैवविविधता संशोधन व संवर्धन केंद्र तसेच विविध पर्यावरणमित्र संघटनांच्या सहकार्याने तसेच निसर्गअभ्यासक जयराम सातपुते यांच्या मार्गदर्शनाखाली जिल्हास्तरीय पक्षीगणना-२०२० अंकाच्या वर्षी जिल्हाभरात फेब्रुवारी ते मार्च महिन्याअखेर झाली. या पक्षीगणनेमध्ये १४ तालुक्यांतील २६२ प्रौढ निरीक्षकांसह सुमारे २४०० विद्यार्थ्यांनी जिल्ह्यातील ८१० ठिकाणी पक्षीगणना करून १६७ प्रजातींच्या सुमारे १ लाख ८० हजार पक्षांची नोंद आढळली.पाथर्डी तालुक्यातून ४० प्रौढ निरीक्षकांसह ५०१ विद्यार्थ्यांनी १५९ ठिकाणी गणना करून जिल्ह्यात यावर्षी सर्वाधिक सहभाग नोंदवला.

शेवगाव तालुक्यामध्ये पक्षांच्या प्रजातींमध्ये सर्वाधिक जैवविविधता आढळून आली. यावर्षी जिल्ह्यातील मोठ्या तलावांमध्ये पाण्याची पातळी जास्त महिन्यामुळे परदेशी पक्षांचे प्रमाण मागील वर्षीच्या तुलनेत पन्नास टक्क्यांपेक्षा जास्त घटलेलेले आढळुन आले असले तरी फ्लेमिंगो,पट्टकदंब या परदेशी पक्षांनी शहरानजीकच्या छोट्या तलावांवर हजेरी लावल्याचेही निदर्शनास आले ही पक्षीनिरीक्षकांसाठी आनंदाची बाब ठरली. पूर्वी जिल्ह्यात उत्तम संख्येत नोंद होत असलेले पण गेल्या तीन वर्षांत लक्षण्य प्रमाणात नोंद होत असलेल्या ५ पक्षांची नावेही या संस्थेने जिल्ह्याच्या रेडलिस्टमध्ये जाहीर केली असुन यात टकाचोर, शामा, दयाळ, गरुडाणी घुबड व जांभळा बगळा आदींचा समावेश केला आहे. ज्या ठिकाणी तुरळक प्रमाणात हे पक्षी आढळले तेथे त्यांच्या संवर्धनासाठी विशेष उपक्रम व जनजागृतीही केली जाणार आहे, असे सातपुते यांनी सांगितले.



K. J. SOMAIYA COLLEGE Dept. of Geography SANGAMNER

Bird Census Activity Report

District Nature lovers Association and Biodiversity Research and with the cooprathon of conservation centre and various environmental Friendly organizations and under the guidence of naturalist Jairam satpute, district level bird census -2020 was conducted in the eveleventh year from february to the end of march.

In this bird census, about 2400 students inedding 262 Adult observers from 14 talukas counted about 180,000 birds of 167 species at 810 places in the district.

Teacher In Charge

Head of the Department

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Solar Eclipse Observation Session

This is hereby to inform all students that Department of Geography is going to arrange Solar eclipse Observation Session with help Telescope.Solar eclipse is very rare astronomical event, Be a part of scientific observation Session in Department of Geography on 26thDec 2019at 10:30am.

All the students of department should present and take active participation in above said programe.

Date &Time :26thDec 2019at 10:30am.

Venue-Terrace Of Geography Department

Resource Person- Dr.V.S.Salunke

Head of Department

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

K.J. Somaiya College Kopargaon

Department of Geography

Solar Eclipse

Attendance of Students

26/12/ 2019

Sr.No.	Name of student	Class	Signature
1	Bidave Pratibha Anil	S.Y. B A	Bidave P. A.
2	Raktate Rutuja Bhaysaheb	S Y. B A	Raktate
3	Palasakar Visal Rajendra	S Y. B. A	Wsall.
4	shelke priyanka balu-	S Y. B. A.	PriYabel.
5	Wagh shital Vilas	S Y. B. A	Wages. V.
6	waykhinde Anjali sanjay	S. Y. B A.	Waykende.
7	Joshi Akshada pradhad	S Y. B. A	Joshi
8	Pagare Vishali Balu	M A - II	Pagarevs.
9	Waykar Arun Dnyneshwar	M A - II	Waykare
10	Pawale Lakshmath Mahadu	M.A. II	Gpawar
11	Pangvhane Akshy Dilip	M. II	PangvhanAD.
12	Shinde kunal Rajema	M A II	skunal.
13	Abhale Nitin Dada	M A II	Abhale
14	Ugalmugale Nikhil D.	M A II	Nikhil
15	Pawar Dipak Gorakh	M A II	Dpawar.
16			
17			
18			
19			
20			
21			
22			
23			

Photographs of Programme



Solar Eclipse Observation Team Geography



Student Nitin Abhale Observing Solar Eclipse

K. J. SOMAIYA COLLEGE
Dept. of Geography



Solar Eclipse Guidance Session



K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON



Telescope Mounting and View Setting



Solar Eclipse View from Telescope

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

संक्षिप्त



कोपरगाव : के. जे. सोमय्या महाविद्यालयात भूगोल विभागातर्फे आयोजित सूर्यग्रहण निरीक्षण कार्यक्रमात सहभागी झालेले विद्यार्थी.

'सोमय्या'मध्ये सुर्यग्रहणाचे निरीक्षण

कोपरगाव : के. जे. सोमय्या कला, वाणिज्य व विज्ञान महाविद्यालयात भूगोल विभागातर्फे आयोजित सूर्यग्रहण निरीक्षण कार्यक्रम आयोजित करण्यात आला. भूगोल विभागात असणाऱ्या ७६ मिमी दुर्बिणीद्वारे महाविद्यालयातील विद्यार्थ्यांनी व प्राध्यापकांनी सुर्यग्रहण पाहण्याचा आनंद घेतला.या प्रसंगी सूर्यग्रहण या दुर्मिळ खगोलीय घटनेची शास्त्रीय माहिती खगोलप्रेमी प्रा. डॉ. वसुदेव साळुंके यांनी उपस्थित विद्यार्थी वर्गास दिली. ढगाळ वातावरण असूनही विद्यार्थ्यांनी सूर्यग्रहण निरीक्षणाचा आनंद घेतला. वर्षातील शेवटचे सूर्यग्रहण विद्यार्थ्यांनी अनुभवले. सूर्यग्रहण ही नैसर्गिक खगोलीय घटना असून चंद्राची सावली पृथ्वीवर पडल्यामुळे त्या-त्या भागात सूर्यग्रहण दिसते. हा पृथ्वीच्या सावल्यांचा खेळ आहे यात कुठलीही अंधश्रद्धा बाळगू नये, असे सांगितले. याप्रसंगी प्रा. डॉ. गणेश चव्हाण, प्रा.आकाश सोनवणे, प्रा.लीना त्रिभुवन, प्रा.राजेंद्र पवार उपस्थित होते. दरम्यान, सुर्यग्रहण पाहण्यासाठी अनेक विद्यार्थ्यांनी यावेळी आपली हजेरी लावून आनंद घेतल्याचे पहायला मिळाले.

शेत

हवामान

श्रीरामपूर : प्रतिनि
शेतकऱ्यांच्या
नैसर्गिक संकटे अ
रब्बी हंगामावरही क
गेल्या आठवडा
वातावरणामुळे रब्ब
आणि अवकाळी प
असल्याने शेतकऱ्य
आहे.

नगर जिल्ह्य
संकटांमुळे शेतक
आहे. कधी दुष्
शेतकऱ्यांची पिके
मिळाले आहेत. त्
त्यांनाही हमीभाव
आयात-निर्यात
जखमेंवर मीठ चो
झाले आहे. त्याम
अद्याप उंचावल
अशीच संकटे
आहेत.

संगम

आश्वी : प्रतिनि

J. SOMAIYA COLLEGE Dept. of

Report of Activity

K.J. Somaiya Art's, Commerce and Science College Organized program " A Solar eclipse observation under the Department of Geography. Students and faculty of the college enjoying viewing the solar eclipse through the 76 mm telescope in the Department of Geography.

On this occasions, the scientific information about the rare celestial phenomenon of solar eclipse.

for this programe Astronomer Prof. Dr. Vasudev Salunke give the valuable essential information for students and present faculty. Despite the claudy weather, students enjoyed observation the solar elcipse.

Students experienced the last solar eclipse of the year. A solar eclipse is a natural celestial phenomenon and the sadow of the moon falls on the earth. so the solar eclipse is seen in certain areas. On this occassion Prof. Dr. Ganesh chavan Prof, Akash Sonawane, Prof. Leena Tribhuwan, Prof. Pawar was Present.

Teacher In charge

Head of the Department

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * KOPARGAON Dept. of Geography

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

Department of Geography

(Faculty of Science)

Academic Flexibility

DIPLOMA IN GEOINFORMATICS

(One Year)

2019-2020

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

विश्वविद्यालय अनुदान आयोग
UNIVERSITY GRANTS COMMISSION
मानव संसाधन विकास मंत्रालय, भारत सरकार
MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVT. OF INDIA
बहादुर शाह ज़फर मार्ग, नई दिल्ली: ११० ००२
BAHADUR SHAH ZAFAR MARG, NEW DELHI - 110 002

F. No. 1-25/2018 (NSQF)/1177

Date: 30/07/2019

K. J. SOMAIYA COLLEGE OF ARTS. COMMERCE AND SCIENCE,

Sub: UGC approval to offer Skill Courses

Sir/Madam,

I am directed to convey the approval of the University Grants Commission (UGC) for offering the following programmes/courses for the academic session 2019-2020:

S.No.	Name of the Programme	Specialization
1	Diploma	DIPLOMA IN GEOINFORMATICS
2	Certificate	FRUIT PROCESSING

The Institution must adhere to the following guidelines:

1. The Institutions must adhere to relevant UGC guidelines as amended from time to time.
2. The Skill Component should be aligned to National Skill Qualification Framework in terms of Qualification Packs (QPs) and National Occupational Standards (NOSs) of Sector Skill Council.
3. The Institution may admit upto a maximum of 50 students per course in Certificate, Diploma, Advanced Diploma and B.Voc programmes; and upto a maximum of 20 students per course in M.Voc and PG Diploma programmes.
4. The Institutions will not run the courses on online/distance education mode and through franchise arrangements.
5. On commencement of the course/programme, details of the students admitted must be uploaded on the www.ugc.aicte-india.org portal at the earliest.

With regards,

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Dr. Mriganka Sekhar Sarma
(Education Officer)

Recieved by
30/7/2019.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Institute Id : 1177

Enrollment Number

Kopargaon Taluka Education Society's

K. J. Somaiya College of Art's, Commerce and Science, Kopargaon.

Department of Geography

Diploma in Geoinformatics (One Year)

(Self Finance Diploma Course)

Enquiry / Admission Form

Photo

1. **Name of the Student:-** _____
2. **Class:-** _____ **4. Roll No.**_____. **5. Religious-**_____
6. **Male Female Transgender** **7. Cast-** _____
7. **Address:**_____

_____

8. **Contact Details:- Landline** _____ **Mb.** _____
9. **Last Exam Details :-**
   a. **Class** _____ **Pass / Fail** **b. Obtained Marks:-** /
   b. **Percentage** _____**%**
10. **Computer Knowledge:- Yes . / No.**
11. **Name of the Completed Computer Course**_____

Date : / / 20
Place: Kopargaon

Candidate Signature

Name:_____

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Office Use only

Mr. /Miss./ Mrs_____ Class_____ is admitted in Diploma in Geoinformatics for the Period of _____To _____, and his / her roll no is _____

Fees Details: Total Fee Rs. 10,000/- Installment Policy of fees –

1. **Rs. 5000/-** at the time of admission ☐ 2. **Rs. 5000/-** before 04 month completion ☐

Head
Department of Geography

College Seal

Principal

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

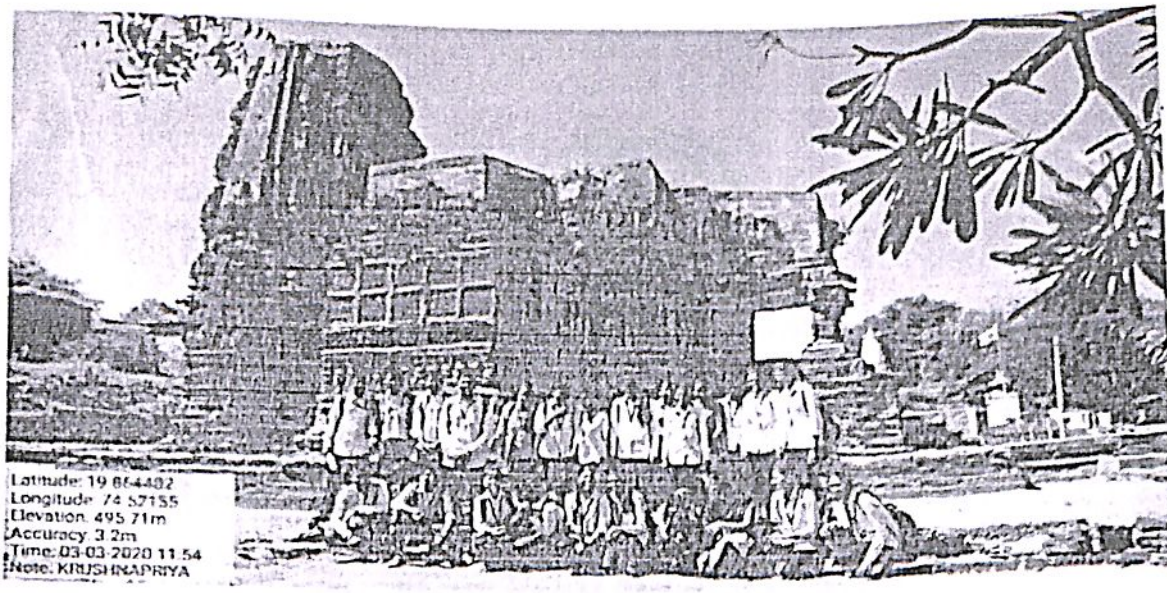
Department of Geography

Diploma in Geoinformatics (one Year) 2019-2020

Total Application List

Sr. no	Student name	Address & Education	Contact no.
01	Dange Ramesh Gorakshnath	Sahapur, MA, Geo SSGM	8806836349
02	Abhale Nitin Dada	Pohegaon, M. A. Geo, KJS	9890090482
03	Nikam Kaveri Prabhakar	Sawantsar, MA, Eco, KJS	9096330302
04	Mahale Shraddha Shashikant	Shridi, MA. Geo, KJS	9607385805
05	Gawali Amit Uttamrao	Shaha, M.A Eco, KJS	9561522019
06	Nikam Shrikant Bhanudas	Pohegaon, MAGeo, KJS	8605191610
07	Holkar Dhanta Himmatrao	Shirdi, BA,KJS	7776075863
08	Bhavsar Vaishnavi Rajendra	Rahata, MA Geo, KJS	7843064635
09	Lasure Pratiksha Sanjay	Shirdi, BA, Poli, KJS	9119457470
10	Dange Poonam Jalinder	Pohegaon, B.A. KJS	9860745406
11	Mokal Sachin Nandu	Kolgaon, TY, Kolpewadi	7757859966
12	Mokal Nitin Subhash	Kolgaon, TY, Kolpewadi	9370936771
13	Panghavane Akshay Dilip	Mahegaon,M. A. Geo, KJS	7720836022
14	Dabhade Shraddha Rajendra	Nandurkhi, BA Geo KJS	9011544264
15	Sanvatsarkar Aniket Jalinder	Singnapur, SSGM TYBA	8975131516
16	Firdous Yusuf Khatik	Kopargaon,	7057570129
17	Mhaske Nilesh Bhausaheb	Shaha, B. Sc Kolpewadi	9923703341
18	Sanap Vishal Somnath	Baktarpur, B.Sc Kolpewadi	9146922187
19	Thakare Nitin Suresh	Pohegaon.T.Y.B.A.Geo.KJS	8766893133
20	Jorvekar Kiran Dnynadeo	Pathare	7066743135
21	Sayyad Soyab Abbas	Chandekasare	7028533548
22	Kalekar Satish Machhindra	Korhale	9260165817

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON



कोपरगाव तालूका एज्यूकेशन सोसायटीचे,

के. जे. सोमैया वरीष्ठ व के.बी.रोहमारे कनिष्ठ महाविदयालय कोपरगाव.

मोहनीराजनगर, कोपरगाव - ४२३६०१. जि. अहमदनगर

भूगोल विभाग

ग्रामसर्वेक्षण अहवाल

मौजे - कोकमठाण ता.कोपरगाव

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

कोपरगाव तालूका एज्यूकेशन सोसायटीचे,

के. जे. सोमैया वरीष्ठ व के.बी.रोहमारे कनिष्ठ महाविदयालय कोपरगाव.

मोहनीराजनगर, कोपरगाव - ४२३६०१. जि. अहमदनगर

फोन नं. (०२४२३) २२२२५४

भूगोल विभाग

ग्रामसर्वेक्षण अहवाल

मौजे - कोकमठाण ता.कोपरगाव

दिनांक : ०३/०३/२०२०

वैयक्तिक माहिती:

नाव : Thorat Jyoti Balasaheb

वर्ग : T.Y.B.A

विषय : चिकित्सेचे तंत्र

रोल.नं : 21

परीक्षा.क्रमांक : 45870



K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

के .जे .सोमैया वरिष्ठ व के .बी रोहामारे कनिष्ठ महाविद्यालय कोपरगाव

प्रमाणपत्र

प्रमाणपत्र देण्यात येते की श्री / कु. ओरात ज्योती बाळासाहेब वर्ग- T.Y.B.A विषय- चिकित्सेचे तंत्र रोल.नं- 21 परीक्षा क्रमांक- 45870 यांनी सदर ग्रांमसर्वेक्षण अहवाल हा प्रत्यक्ष सर्वेक्षण प्रक्रियेत सहभागी होऊन, अभ्यास करून बनवला आहे . त्याचे / तिचे हे कार्य उत्कृष्ठ आहे . त्या बद्दल हे प्रमाणपत्र देण्यात येते आहे .

दिनांक- 03/03/2020

मार्गदर्शक प्राध्यापक : (चव्हान सर, साळुंके सर)

डॉ. चव्हाण जी. के
विभाग प्रमुख

बहिस्थ परीक्षक
(Prof. V. B. Maind)

अनुक्रमणिका

अ. न.		विषय
१)		प्रस्तावना
२)		ऋणनिर्देश
३)		सर्वेक्षणाचे महत्व
	अ)	स्थान व विस्तार
	ब)	गावात जाण्याचा मार्ग
	क)	गृहीतके
	ड)	माहितीचे स्वरूप
४)		प्राकृतिक रचना
	अ)	भूरचना
	ब)	मृदा
	क)	वनस्पती
	ड)	हवामान
	ई)	जलप्राणी
५)		शेती
	अ)	पिकपद्धती
	ब)	जलसिंचन
६)		लोकसंख्या
	अ)	गावचीलोकसंख्या
	ब)	लिंग गुणोत्तर
	क)	कार्यकारी लोकसंख्या
	ड)	शैक्षणिक पातळी
	इ)	साक्षरता
७)		जात व धर्म
८)		इतिहास व सास्कृतीक रचना
	अ)	गावचा इतिहास
	ब)	संस्कृतिक प्रथा
	क)	घरांचे प्रकार
९)		गावातील सेवा व सुविधा
	अ)	शैक्षणिक सुविधा
	ब)	आरोग्य सुविधा
	क)	पाणी योजना
	ड)	वाहतूक व दळणवळण
१०)		गावातील समस्या उपाय
११)		संदर्भ सूची
१२)		

SOMAIYA COLLEGE Dept. of Geography KOPARGAON

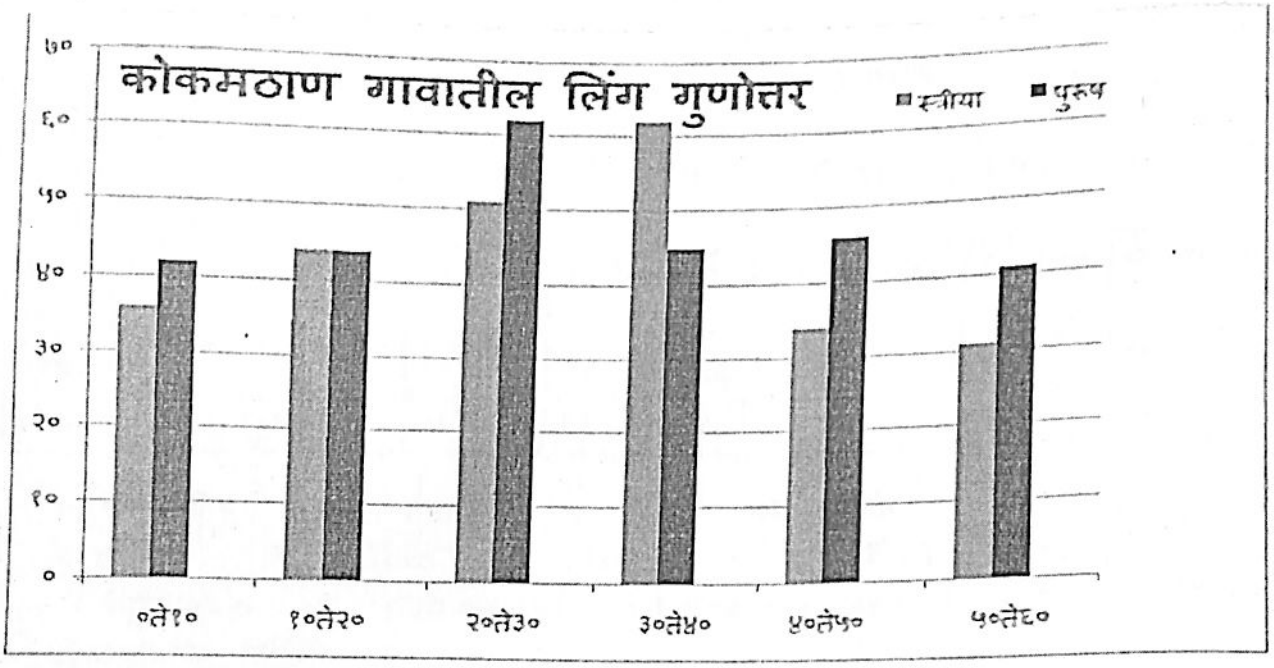
आज दिनांक : ०३/०३/२०२०रोजी मौजेकोकमठाणता. कोपरगाव

सहभागी झालेल्या विद्यार्थ्यांची यादी.

अं.नं.	नाव	वर्ग	सही
१)	ठोंबरे रोहिणी नानासाहेब	S.Y.B.A	
२)	रक्ताटे ऋतूजा भाऊसाहेब	S.Y.B.A	
३)	वायखिंडे अंजली संजय	S.Y.B.A	
४)	खंडागळे कांचन बबन	S.Y.B.A	
५)	शेळके प्रियंका बाळू	S.Y.B.A	
६)	वाघ शितल विलास	S.Y.B.A	
७)	पानगव्हाणे माधूरी विठ्ठल	S.Y.B.A	
८)	जोशी अक्षदा प्रल्हाद	S.Y.B.A	
९)	कदम कल्याणी श्रावण	S.Y.B.A	
१०)	सानप शुभम सुनिल	S.Y.B.A	
११)	भवार शशिकांत दिगंबर	S.Y.B.A	
१२)	गव्हाणे सोमनाथ जालिंदर	S.Y.B.A	
१३)	पाचोरे विशाल संभाजी	S.Y.B.A	
१४)	पासलकर विशाल राजेंद्र	S.Y.B.A	
१५)	लोखंडे कोमल भास्कर	S.Y.B.A	
१६)	बिडवे प्रतिभा अनिल	S.Y.B.A	
१७)	दुशिंग प्रियंका गोरखनाथ	S.Y.B.A	
१८)	थोरात ज्योती बाळासाहेब	T.Y.B.A	
१९)	खकाळे रोहिणी बाळासाहेब	T.Y.B.A	
२०)	शिंदे माया जालिंदर	T.Y.B.A	
२१)	सुपेकर अमृता लहानू	T.Y.B.A	
२२)	लोंढे गौरी शरदराव	T.Y.B.A	
२३)	गायकवाड स्वराज सुभाष	T.Y.B.A	

एकूण 23 विद्यार्थ्यांनी यामध्ये सहभाग नोंदविला

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON



कार्यकारी लोकसंख्या :

कोपरगांव तालुक्यातील कोकमठाण या ठिकाणी केलेल्या सर्वेनुसार कुटूंब ११५ नुसार केलेल्या सर्वेमध्ये गावात २३७ कार्यकारी लोकसंख्या आहे. त्यात स्त्रीयांचे प्रमाण पुरूषा पेक्षा कमी आढळते. काम करणाऱ्या पुरूषांचे प्रमाण १४२ व स्त्रियांचे प्रमाण ९५ इतके आहे.

० ते २० या अकार्यक्षम व्यक्तीची संख्या १६६ आहे. त्यात पुरूषांची संख्या ८६ आणि स्त्रियांची संख्या ८० आहे. ७० पेक्षा जास्त् वयाची वृद्ध पुरूष ९ व स्त्रीया १३ ही देखिल अकार्यक्षमतेत मोडणारी संख्या आहे. यात अकार्यक्षम असणारी लोकसंख्या १८८ इतकी आहे.

कोकमठाण गावात कामकरणाऱ्या मंजूरामध्ये शेती करणारे शेत मंजूर इतर काम करणारे कार्यकारी लोक आहे.

ग्रामसर्वेक्षण प्रश्नावली

१) गावाचे नाव - कोकमठाण वार्ड क्रमांक - .....

२) कुटुंब प्रमुखाचे नाव - .....

३) कुटुंबातील व्यक्ती - ६४५.....पुरुष - .....३२१..... स्त्रिया - .....३२४.....

४) वय रचना –

वय गट	0 ते १०	१० ते २०	२० ते ३०	३० ते ४०	४० ते ५०	५० ते ६०	६० ते ७०	७०पेक्षाजास्त
पुरुष	४२	४४	६२	४५	४६	४१	१९	१९
स्त्रिया	३६	४४	५१	६२	३४	३१	२८	१३

५) धर्म – हिंदू जात - - भाषा - मराठी

६) साक्षरता - शिक्षित - (.....४५१.....) अशिक्षित-(...१९४.....)

* पूर्वप्राथमिक - ०९ *प्राथमिक-१६९ *माध्यमिक-१०२ *महाविद्यालयीन-७० *इतर-०१

७) व्यवसायिक माहिती –

व्यवसाय	स्त्री	पुरुष	एकूण
शेतकरी	३७	४८	
शेतमजूर	४४	६०	
मासेमारी अरण्यातील साहित्य गोळा करणे पशुपालन व वृक्षारोपण	-	०१	
खाणकाम व इतर प्राथमिक व्यवसाय	०३	१२	
घरगुती लघुउद्योग / उत्पादन व प्रक्रिया उद्योग	०३	०५	
घरगुती लघुउद्योग व्यतिरिक्त इतर उत्पादन प्रक्रिया उद्योग	०४	०३	
बांधकाम (इंजिनिअर ठेकेदार इत्यादी)	०२	०५	
व्यापार व वाणिज्य	-	०१	
वाहतूक साठवण व दळणवळण	-	०१	
इतर सेवा व्यवसाय (शिक्षक डॉक्टर वकील सरकारी इंजिनियर पोलीस व इतर सरकारी अधिकारी)	०२	०६	
एकूण कामगार	९५	१४२	

८) शेती विषयक माहिती- एकुण शेती-२०८ बागायत-१९ जिरायत-१३८ पडीत-०४

जनावरे- -२११

बैल-०६ गाय-११६ म्हैस-०३ शेळ्या-८१ कोंबड्या-०५ इतर-

SOMAIYA COLLEGE Dept. of Geography KOPARGAON

९)शेती उत्पादन-(सन- २०१८ - २०१९)

पिके	खरीप क्षेत्र	उत्पादन रुपये	पिके	रब्बी क्षेत्र	उत्पादन रुपये
बाजरी	१७.५०	१८५०	ज्वारी	५.५०	९००००
भुईमूग	01	१००००	गहू	४४	६२५०००
मूग			हरभरा	१३.५०	११५०००
तूर			कांदा		
कांदा	२५.५०	४७५०००	ऊस	१२.५०	२२००००
फळझाडे	०४	४५०००	भाजीपाला	०२	७०००
इतर			इतर		

10) जलसिंचन सोई-

सिंचनाखालील क्षेत्र -

सिंचन सोई इतर नसलेले-

सिंचन सोई- विहीर-१३ नदी-०१ कूपनलिका-१२ इतर-

११) इतर व्यवसाय वर्णन- प्रकार - कामगार - निव्वळ उत्पन्न(वार्षिक)

१२) वस्ती –

घर बांधणी साहित्य –

घरांचा प्रकार-

१३) वृक्षांची माहिती

घराशेजारील मोठ्या वृक्षांची नावे	संख्या	शेतातील मोठ्या वृक्षांची नावे	संख्या
वड	०२	येड्याबाभळी	५०
पिंपळ	०१	निम	३०
कडूलिंब	१५	शेवऱ्या	५५
पेरु	१०	आंबा	२०
चिंच	२५	बदाम	०२

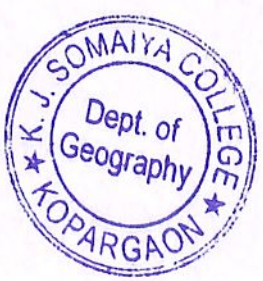
१४) गावातील प्रमुख समस्या-

१] गटारी नाही २] रोजगार उपलब्ध नाही ३] रस्ते नाही

४] बस सुविधा नाही .

१५) गावातील समस्या सोडविणेबाबतचे आपले मत-

१] गावातील नागरिकांना सूख-सुविधा उपलब्ध करून द्याव्यात.



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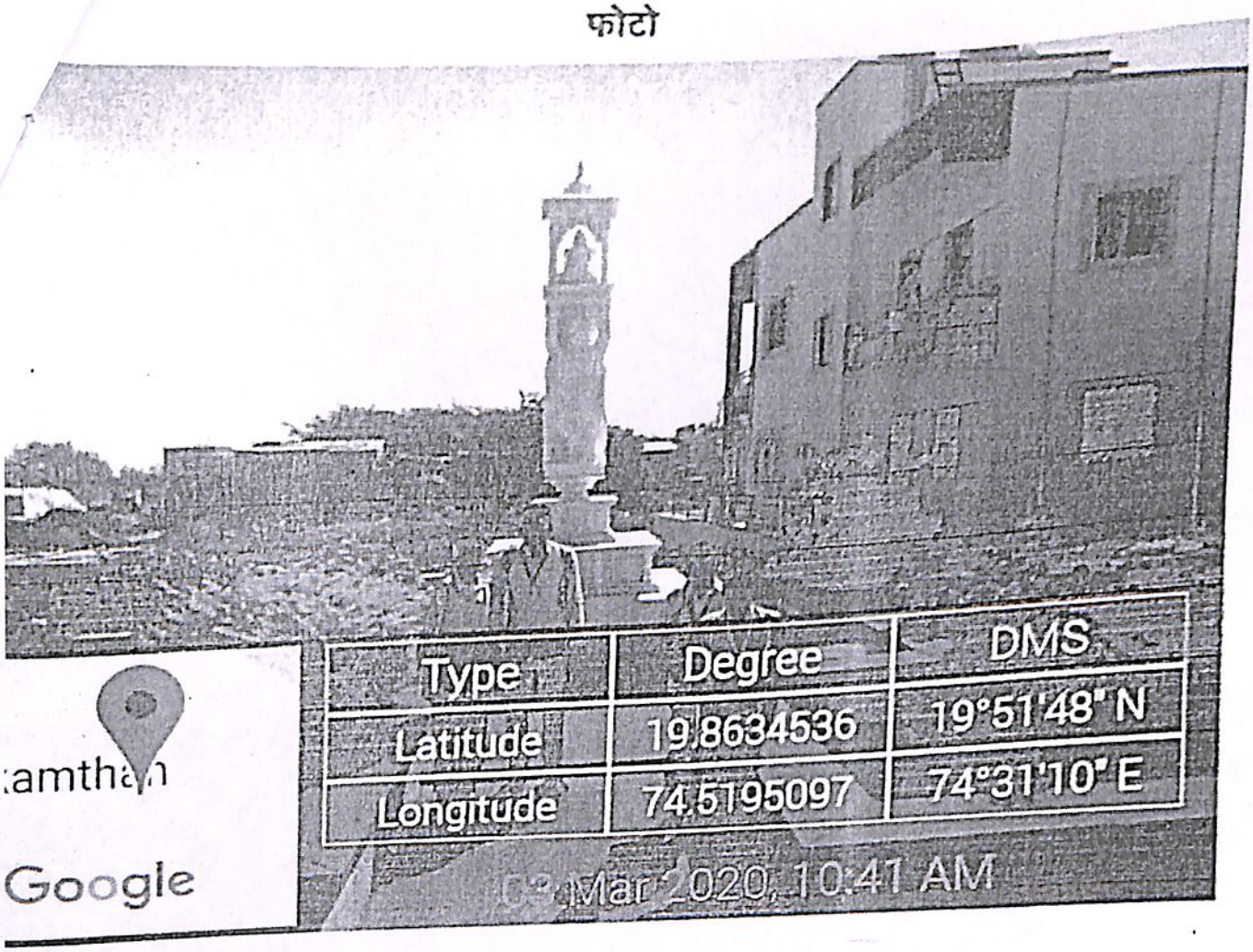

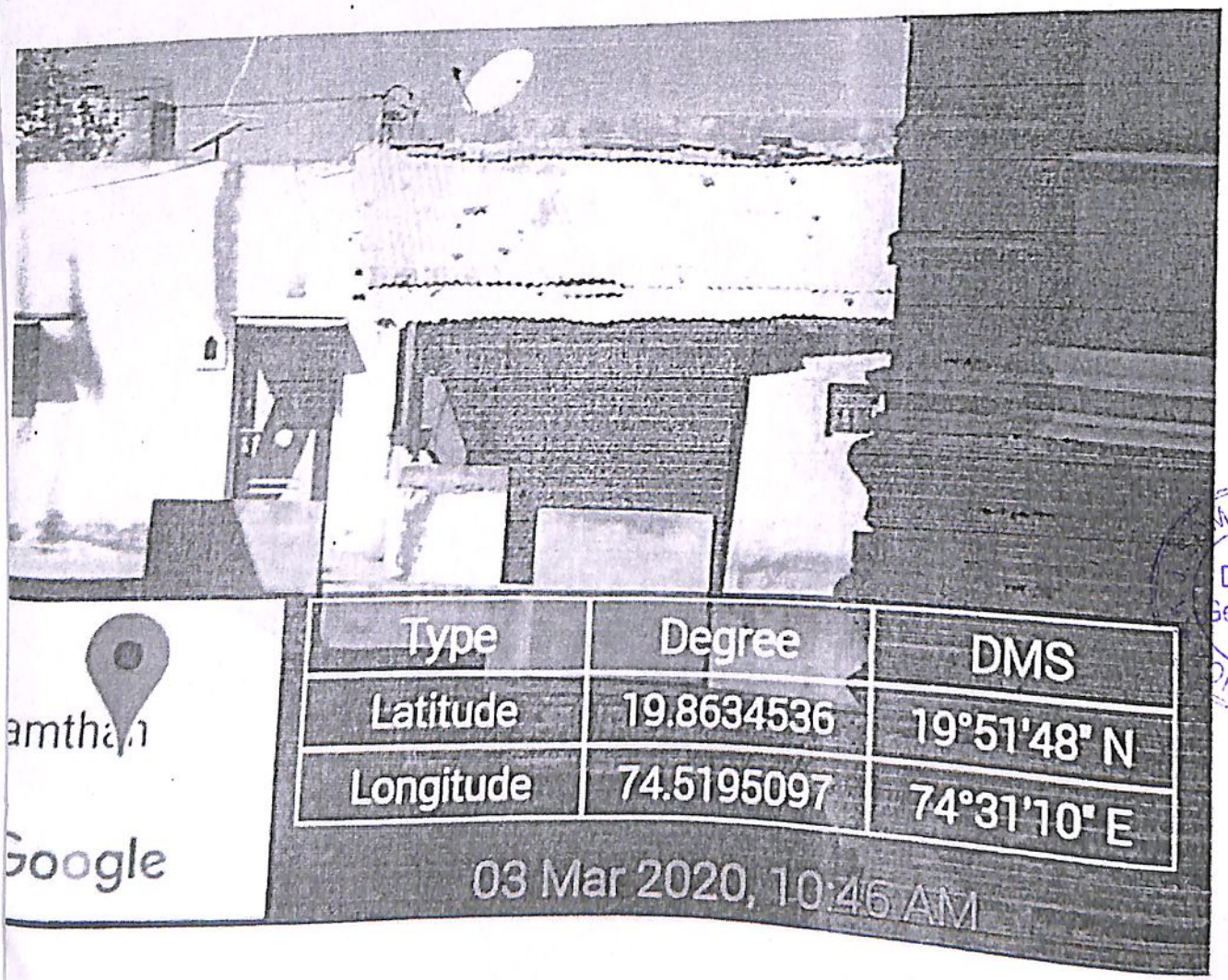

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OPARGAON

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Kopargaon, Dist: Ahmednagar

Department of Geography

दिनांक- 04/01/2020

सूचना

भूगोल विभागातील सर्व विद्यार्थ्यांना (SYBA/TYBA/MA) सुचित करण्यात येते की दिनांक- 10/01/2020 रोजी भूगोल विभागात भौगोलिक मॉडेल सादरीकरण स्पर्धेचे आयोजन करण्यात आले असून, ज्या विद्यार्थ्यांना या स्पर्धेमध्ये सहभाग घ्यावयाचा आहे, त्या विद्यार्थ्यांनी आपली नावे भूगोल विभागात नोंदवावी.

भूगोल विभाग प्रमुख
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE
Dept. of Geography

Kopargaon Taluka Education Society's

K. J. SOMAIYA SR. COLLEGE OF ARTS, COMMERCE & SCIENCE

Kopargaon, Dist: Ahmednagar

Department of Geography

भौगोलिक मॉडेल सादरीकरण सहभागी विद्यार्थ्यांची नावे

दिनांक- 10/01/2020

अ नं	सहभागी विद्यार्थ्यांची नावे	वर्ग	सही
1.			
2.	लोंढे गौरी शरदराव	T.Y.B.A	L.G
3.	रक्ताटे ऋतुजा माकसाहेब	T.Y.B.A	Bkakate.
4.	वायकर अंकुश सतेश्वर	MA-I	Bvakar
5.	वानगव्हणे अक्षय दिलीप	MA-II	Pangavhan A.P
6.	शिंदे कुणाल राजेंद्र	MA III	Skunal
7.	Ugalmule Nikhil D.	M II	Anikali
8.	Ablalle Nitin Dada	M II	Mbhale.
9.	होळके प्रियंका बाबू	S.Y.B.A	Pruvaj.
10.	शिंदे माया जाकिर	T.Y.B.A	Sinde.
11.	जोशी अक्षदा प्रल्हाद	S.Y.B.A	Ashish

भूगोल विभाग प्रमुख

Head
Department of Geography
K. J. Somaiya College, Kopargaon



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भूगोल विभाग

भौगोलिक भित्तीपत्रक (पोस्टर) मॉडेल निर्मिती स्पर्धा -

प्रथम क्रमांक - कु. लोंढे गौरी शरदराव

द्वितीय क्रमांक - वाघकर अंकिता सोनेश्वर

तृतीय क्रमांक - कु. महाले श्रद्धा अधिकांत

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Mohanirajnagar, Kopargaon, Dist- A. Nagar, Pin- 423601, Contact- 02423-222254, 9146142000
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DEPARTMENT OF GEOGRAPHY

CERTIFICATE

This is to certify that,

Mr./ Miss. .....

from:.....

has actively participated in the competition of

"Poster/ Model Presentation of Geography"

on 14/01/2020

&

He/ She is Awarded with..... Rank.

(Dr. G. K. Chavhan)
Head, Dept. of Geography

(Prof. K. S. Sonawane)
Co-ordinator

(Dr. B. S. Yadav)
Principal

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K. J. Somaiya Arts, Commerce and Science College, Mohanirajnagar

Kopargaon, Dist.-Ahmednagar

Department of Geography

Models Presentation photography

Date- 10/01/2020





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Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Dated- 09/11/2019

Assignment

All Students in the Geography Department (MA/Msc-I) Sem II are required to submit their Population Geography Assignment by 12/11/2019.

Head
Department of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

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Name- Bhavsar Vaishanvi Rajendra
Class - MA/MSc - F
Subject - Population Geography

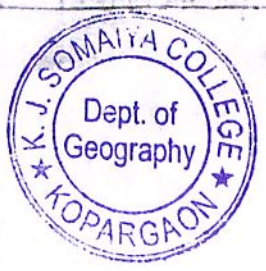
Topic : 8 Urban Settlements.

iv) RANK-Size rule (G.K. Zipf - 1949)

1] * RANK - Size Rule -

This is an attempt to find a numerical relation between population size of settlements within such as a c
try
. settlements are ranked in deseending order of popula size with the largest city first Desending order. g. 6, 5, 4, 3, 2, 1, 0. population Aseending order. 0, 1, 2, 3, 4, 7, 8, 9 population

* Assumption % -
The 2nd ranked city will have 1/2 the population o
The 1st



- The 3rd ranked city will have 1/3 population of the
- The 4th ranked city will have a 1/4 population of 1st ranked city

EXAMPLE

The largest city has a population of 1,000,0

- The 2nd large city = 1,000,000/2 - 500,000
- The 3rd city : 1,000,000/3 - 333,333
- The 4th city : 1,000,000/4 - 250,000

FORMULA :-

This allows us to express rank size rule as

- p_n = ~~The~~ - p_1/n (or R)
- p_n = The population of the city
- p_1 = The population of the largest city
- n (or R) The rank size of the city

PRIMATE CITY =

- This concepts was coined by Jefferson in (1939)
- This is found where the largest city (often the capital) completely dominates a country or region
- The population size will be many times greater than that of the 2nd or 3rd city.

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EXAMPLE of PRIMATE CITY : BUENOS AIRES ARGENTINA

population in Thousands :

- Buenos Aires: 10,990
- Cordoba - 1198
- Rosario - 1096
- Mendoza - 775
- La-Plata - 640
- San miguel de Tucuman: 622

BINARY DISTRUBTION :-

- occurs where there are 2 very large cities of almost equal size within the same country. one may be the capital and the other a major port of industrial centre it is Binary
- Examples :- Barcelona and madrid

* EXCEPTIONS TO THE RULE :-

- rank size Rule is more likely to operate in a country that is developed or urbanized for a long time.
- large in size so use a small scale.
- stable economic and political organisation.
- primate distribution is likely to occur in countries that are small, less developed and only recently urbanised

* RANK SIZE RULE OR PRIMATE CITY CCTRCLE ONE) *

Thailand

Bangkok - 5,104,476
Samut prakan - 388,920
mueang nonthaburi - 291,655
Udon Thani - 247,231
Chon Buri - 219,164

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RANK SIZE RULE OR PRIMATE CITE (CIRCLE one)

Mexico

mexico city - 12,294,193
Iztapalapa - 1,820,888
Ecatepec - 1,806,226
Guadalajara - 1,640,589

* RELATIONSHIP of RANK SIZE RULE :-

Rank size relationship result from the balancin out of conflicting forces.

Zipf suggested that the two opposing force of small place each located near resources minimizing the tran sport cost of raw material to the people in the process unification leads to the population being concentrated in a few large place with the raw material being transp to the people however it is not clear how the conflic between ~~this~~ these froces is resolved into the prieci from of the rank size rule.

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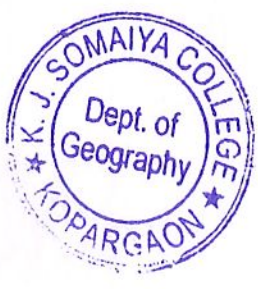
List of PPTs

Subject-Principles of Physical and Human Geography

B.A. Geography

Year – 2019/2020

Topic No.	Name of Topics
PPT No. 1	Introduction to Geomorphology
PPT No. 2	Fundamental Concepts of Earth
PPT No. 3	Interior of Earth
PPT No. 4	Rocks
PPT No. 5	Diastrophic Movements
PPT No. 6	Weathering
PPT No. 7	Earthquakes and Volcanoes
PPT No. 8	Erosional and Depositional landforms by River and Sea waves
PPT No. 9	Mass Movements
PPT No. 10	Applied Geomorphology



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Marathi Vishwakosh

मराठी विश्वकोश

आमच्याविषयी ▾ विश्वकोश प्रथमावृत्ती विश्वकोश प्रकाशन ▾ लेखनाकरिता ▾ महत्त्वाचे दुवे ▾ अभिप्राय

कॅलिफोर्नियाचे आखात (Gulf of California)

| लेखक..

आकाश सोनवणे

सहायक प्रा. भौ. भौगोलिक माहितीशास्त्र, कोपरगाव

मोबाईल : ९८२१०९२७७० / ७७४७७९८७७

मेल : sonawaneakash0101@gmail.com

इतर नोंदी..

| ज्ञानमंडळे

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- अभिजात साहित्य
- अर्थशास्त्र
- आधुनिक इतिहास
- आधुनिक तत्त्वज्ञान
- आधुनिक वैद्यक

06/07/2022 - आकाश सोनवणे - भूगोल



उत्तर अमेरिका खंडाच्या पश्चिम किनाऱ्यावर हिंदत असलेले पूर्व पॅसिफिक महासागराचे एक आखात. याला कॉर्तेझचा समुद्र किंवा मार दे कॉर्तेझ या नावांनीही ओळखले जाते. मेक्सिको देशाच्या वायव्य किनाऱ्यावर हे आखात आहे. हे आखात पूर्वेस मेक्सिकोच्या मुख्य भूमीने, तर पश्चिमेस बाजा कॅलिफोर्निया या पर्यटनप्रधान द्वीपकल्पाने वेढलेले आहे. वायव्य-आग्नेय दिशेत पसरलेल्या या आखाताचा आकार लांबट व अरुंद आहे. या आखाताची लांबी सुमारे १,२०० किमी. व सरासरी रुंदी १५३ किमी. असून मुखाजवळची रुंदी सुमारे ३२० किमी. आहे. त्याचे क्षेत्रफळ १,६०,००० चौ. किमी. असून किनारपट्टीची लांबी सुमारे ४,००० किमी. आहे. या आखातामध्ये ९०० पेक्षा अधिक बेटे व द्वीपके आहेत. त्यांपैकी ३७ बेटे मोठी असून त्यांतील आहेत दे ला ग्वार्डा व तीबरोन ही दोन बेटे सर्वांत मोठी आहेत. पैकीच बेटे ज्वालामुखी क्रियेतून निर्माण झालेली असून काही बेटांवर ज्वालामुखीही आढळतात. बहुतांश बेटे पश्चिम किनाऱ्यावर आहेत. आखाताच्या अरुंद भागात असलेल्या आहेत दे ला ग्वार्डा व तीबरोन या दोन बेटांमुळे हे आखात उत्तर आणि दक्षिण अशा दोन भागांत विभागले आहे. उत्तरेकडील भाग उथळ असून क्वचितच त्याची खोली १८० मी. पेक्षा जास्त आहे. दक्षिण भागात अनेक ठिकाणी खळगी असून त्यांपैकी सर्वाधिक खळग्यांची खोली ३,००० मी. पेक्षाही अधिक आढळते. आहेत दे ला ग्वार्डा आणि तीबरोन या बेटांजवळच्या अरुंद भागात विशेषत: सॅलिस्पूरुस बेसिनमध्ये पोकाद्यक अशा भरतीच्या लाटा निर्माण होत असल्यामुळे जलवाहतुकीत अडथळे येतात. आखाताचा किनारा अनियमित असल्यामुळे तेथे अनेक उपसागर निर्माण झाले आहेत.

आखाताच्या उत्तर टोकाशी कोलोरॅडो नदी येऊन मिळते. तिने आपल्या मुखाशी त्रिभुज प्रदेशाची निर्मिती केली आहे. आखाताच्या पूर्व किनाऱ्यावर रुंद किनारपट्टी मैदान तयार झाले असून किनारपट्टी मैदानाला लागून उत्थभूमी पट्टेल आहे. या उत्थभूमी पट्टेभागून आणि किनारपट्टी मैदानातून अनेक लहान वाहत येऊन या आखाताला मिळतात. रीओ देल फुअर्ते, माग्दे, सोनालोआ, सनोरा व यानी या प्रमुख नद्या आखाताला पूर्वेकडून मिळतात. आखाताच्या पश्चिम किनाऱ्यावरील बाजा द्वीपकल्पावर ला पाझ, तर मुख्य भूमीच्या किनारपट्टीवर ग्वायमस ही प्रमुख बंदरे आहेत. त्याशिवाय पश्चिम किनाऱ्यावर सँता रोझालीआ, सँन फर्नांदो आणि पूर्व किनाऱ्यावर प्वेर्तो पेनास्को, बहीआ कीनो, टपीलोआग्वो ही बंदरे आहेत.

मराठी विश्वकोश

आमच्याविषयी ▾ विश्वकोश प्रथमावृत्ती विश्वकोश प्रकाशन ▾ लेखनाकरिता ▾ महत्त्वाचे दुवे ▾ अभिप्राय

ऑटो फॉन कॉट्सबू (Otto von Kotzebue)

| लेखक..

आकाश सोनवणे

सहायक प्रा. भौ. भौगोलिक माहितीशास्त्र, कोपरगाव

मोबाईल : ९८२१०९२७७० / ७७४७७९८७७

मेल : sonawaneakash0101@gmail.com

इतर नोंदी..

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- कृषिविज्ञान
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- चित्रकला - शिल्पकला
- चित्रपट
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- परिचर्या
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- प्राचीन इतिहास
- प्राणिविज्ञान

06/07/2022 - आकाश सोनवणे - भूगोल



कॉट्सबू, ऑटो फॉन (Kotzebue, Otto von) : (२० डिसेंबर १७८७ - १५ फेब्रुवारी १८४६). रशियन समन्वेषक व लष्करी अधिकारी. त्यांचा जन्म एस्टोनिया या तत्कालीन रशियन साम्राज्यातील रेव्हेल येथे महान्जर्मन संगीत एस्टोनिया देशातील टालिन्न येथे झाला. प्रसिद्ध जर्मन नाटककार ऑगस्ट फॉन कॉट्सबू यांचा ऑटो हा मुलगा. सेंट पीटर्झबर्ग विद्यापीठातून शिक्षण पेतरझानात्मक अभ्यास त्यांची नौदलातील कारकीर्द सुरू झाली. आपल्या कारकीर्दीत त्यांनी तीन पृथ्वीप्रदक्षिणा केल्या आणि वेगवेगळ्या प्रदेशांचा शोध लावून त्यांचे समन्वेषण केले. रशियाने आशिया इव्हान कृष्णिनस्टर्नियन या नाविकेतिहासकाराच्या नेतृत्वाखाली इ. स. १८०३ ते इ. स. १८०६ या कालावधीत पहिली पृथ्वीप्रदक्षिणा मोहीम आखली होती. या मोहीमेतील 'नदेझ्दा' या गलबतावर एक छद्मसैनिक म्हणून ऑटो महाशय झाले होते. ऑटो हे उत्तम खलाशी होते आणि त्यांना नौकानयनात विशेष रस होता. या मोहीमेवरून परत आल्यानंतर त्यांनी वार्षिक स्वरूपाचीस कार्यात काही काळ घालविला; परंतु पहिल्या सफरीत भेट दिलेल्या पॅसिफिकमधील बेटांचे समन्वेषण करण्याची त्यांची तीव्र इच्छा होती.

ऑटो यांनी इ. स. १८१५ मध्ये आपल्याच नेतृत्वाखाली अलेक्झांडरमधे सफर काढली. या सफरीसाठी ते २० जुलै १८१५ रोजी क्रोनस्टॅट येथून निघाले. 'रुरिक' या गलबतातून दक्षिण अमेरिकेकडून दक्षिण टोकाकडील केप हॉर्न भूशिराचा वळसा घालून त्यांनी २८ जानेवारी १८१६ रोजी पॅसिफिक महासागरात प्रवेश केला. त्या बेटांचे त्यांनी पॅसिफिक महासागरातील ईस्टर बेटाला, दुआमोटू द्वीपसमूहातील अनेक पॉलिनेशियन बेटांना आणि काही मार्शेय बेटांना भेटी दिल्या. त्यानंतर उत्तर अमेरिकेच्या अलास्का किनाऱ्याचे समन्वेषण करून त्यांचे नकाशे तयार करत असताना त्यांनी सूक्ष्मजीवांचा एक स्वतंत्र शोध लावला. त्या कामाबद्दल त्यांनी स्वातंत्र्याचा नायाकरून कॉट्सबू सामुद्र हे नाव दिले. अलिप्ताई आर्क्टिक प्रदेशातील कामगिरी मागेही त्यांना अटलांटिककडे जाणारे चक्र झाले नाही. त्यामुळे ते परत मार्शेय बेटांच्या मार्गाने रशियाला परतले. ऑगस्ट १८१८ मध्ये ते पुन्हा नेतृत्व मुख्यांची व त्यानंतर सर्वोच्च स्वरूपी पोहोचले. जेव्हा त्यांनी आपल्याबरोबर वेगवेगळ्या वनस्पती तसेच संस्कृतिविज्ञानविषयक माहितीचे आणली होती. इ. स. १८३१ मध्ये त्यांनी आपल्या सफरीचा वृत्तान्त प्रकाशित केला.

ऑटो कॉट्सबू यांच्या खासगी प्रभावित हाताच रशियन स्थाट झार अलेक्झांडर पहिला यांनी काहीसा थंडपणे पृथ्वीप्रदक्षिणासाठी पृथ्वी सफर काढण्यासाठी ऑटो यांची मार्च १८२३ मध्ये नेमणूक केली. रशियाचे कॅमचॅटका द्वीपकल्प आणि अलेउशेअन साखळ किनारा यांदरम्यान मार्चासह प्रवास करून नेपोस रशियन अलेउशेन फंजनीच्या मालकी परकीय लष्करीयासून संरक्षण करण्याची जबाबदारी ऑटो यांच्यावर सोपविण्यात आली होती. त्यासाठी त्यांना सामर्थ्यशाला नौदलात क्रीएन पदावर बढती देण्यात आली. तसेच त्यासाठी त्यांना 'प्रेडप्रिएट' हे मोठे गलबत आणि १४७ सहकारी बरोबर दिले. तुलनेने दुसऱ्या सफरीचे जरीक गलबत सहान होते आणि बरोबर फक्त २० सहकारी होते. इ. स. १८२५ ते इ. स. १८२६ या कालखंडातील आपल्या या तिसऱ्या सफरीसाठी त्यांनी २८ जुलै १८२३ रोजी क्रोनस्टॅट सोडले. ते २३ डिसेंबर रोजी केप हॉर्न भूशिराचा वळसा फक्त दक्षिण पॅसिफिकमध्ये गेले. या सफरीत त्यांनी हवाई बेटे व त्यातील होनोलूलू बंदर, कॅमचॅटका द्वीपकल्प यांना भेटी दिल्या आणि सोसायटी व मार्शेय द्वीपसमूहातील काही बेटांचा शोध लावला. केप ऑफ गुड होपमार्गे परत येऊन १० जुलै १८२६ रोजी क्रोनस्टॅट बंदरात पोहोचले. या वेळी त्यांच्या सफरीतून रशियाच्या पॅसिफिकमधील वसाहतीविषयी माहिती मिळाली.

ऑटो यांनी आपल्या सफरीचा वृत्तान्त पुढील तीन खंडांमधून प्रकाशित केला : *ए व्हॉयेज ऑफ डिस्कव्हरी इनटू दी साउथ सी ॲंड बेरिंग्ज स्ट्रेट्स फॉर दी पर्पज ऑफ एक्स्प्लोरिंग ए नॉर्थ ईस्ट पॅसेज* (अक्षरशेत्र इन दी यिअर्स १८१७-१८१८) (१८२१); आणि *ए न्यू व्हॉयेज राउंड दी वर्ल्ड इन दी यिअर्स १८२३, १८२४, १८२५* (१८२७).

ऑटो यांचे रेव्हेल येथे निधन झाले.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

समीक्षक : वसंत चौधरी

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हडसन नदी (Hudson River)

लेखक..



वसुदेव साळुंके

नाव : वसुदेव साळुंके
सहायक प्राध्यापक, के. जे. सोमैया महाविद्यालय, कोपरगाव-अहमदनगर.
एम.ए., बी.एड., नेट, पीएच.डी.
संपर्क : ९३७०३८९२९१
मेल : vasusalunke@yahoo.co.in

इतर नोंदी..

सर्वाधिक लोकप्रिय..


जल प्रदूषण (Water pollution)



घन कचरा व्यवस्थापन (Solid Waste Management)


बिरसा मुंडा (Birsa Munda)

15/11/2019 - वसुदेव साळुंके - भूगोल

अमेरिकेच्या संयुक्त संस्थानांपैकी न्यूयॉर्क राज्यातील सर्वांत लांब नदी. येथील ॲडिरॉंडॅक पर्वतश्रेणीत माऊंट मार्सी (उंची १,६२९ मीटर) हे न्यूयॉर्क राज्यातील सर्वोच्च शिखर आहे. या शिखराच्या परिसरातील हिमनद-पश्च कल्पातील अनेक लहान-लहान सरोवरांमधून या नदीच्या वेगवेगळ्या लहान शीर्षप्रवाहांचा उगम होतो. त्या शीर्षप्रवाहांपैकी ओपेलसेंट या मुख्य शीर्षप्रवाहाचा उगम 'लेक टियर्स ऑफ क्लाऊड' या सरोवरातून होतो. या नदीची एकूण लांबी ५०७ किमी. असून जलवाहनक्षेत्र ३४,६२८ चौ.किमी. आहे. त्यांपैकी ९३ टक्के क्षेत्र न्यूयॉर्क राज्यातील असून उर्वरित ७ टक्के क्षेत्र व्हर्मोंट, मॅसॅचूसेट्स, न्यू जर्सी व कनेक्टिकट या राज्यांतील आहे. या नदीचा संपूर्ण प्रवाहमार्ग न्यूयॉर्क राज्याच्या पूर्व भागातून वाहत असून अखेरचा फक्त ३४ किमी. लांबीचा प्रवाहमार्ग न्यूयॉर्क आणि न्यू जर्सी राज्यांच्या सरहद्दीवरून वाहतो.



उगमापासून सॅराटोगा परगण्यातील कॉरिंथपर्यंतचा १७४ किमी. लांबीचा वळणावळणाचा नदीप्रवाह सामान्यपणे आग्नेयीस वाहतो. त्यानंतरचा हडसन फॉल्स या गावापर्यंत ती ईशान्येस वाहते. त्यानंतर मात्र ती सखल प्रदेशातून दक्षिणेस सुमारे ३२० किमी. वाहत जाऊन न्यूयॉर्क आणि न्यू जर्सी या शहरांच्या दरम्यान असलेल्या अपर न्यूयॉर्क बे (अपर बे) उपसागरास मिळते. हा उपसागर म्हणजे प्रत्यक्षातील हडसन नदीची नदीमुख खाडी असून तिला सामान्यपणे न्यूयॉर्कचे बंदर म्हणून ओळखले जाते. हा उपसागर अटलांटिक महासागराचा फाटा आहे. मुखापासून समुद्राकडील प्रवाह हा निम्नज्जीत कॅन्यनमधून वाहतो. मुखापासून आत उत्तरेस ट्राय येथील फेडरल धरणापर्यंत सागरी लाटांची सरासरी उंची १.४ मीटर असते. वेस्टचेस्टर ते रॉकलँड परगण्यांदरम्यानच्या हेवरस्ट्रॉ उपसागर भागात या नदीची सर्वाधिक रुंदी ५ किमी. आढळते. त्यानंतर मुखाकडे ती १.२ किमी. इतकी कमी झालेली आहे. दक्षिण न्यूयॉर्कपासून उत्तर न्यू जर्सीपर्यंतच्या नदीच्या काठावर पॅलिसादेश ही तीव्र उताराच्या कड्यांची मालिका पसरलेली आहे.

एकोणिसाव्या शतकात शँप्लेन (इ. स. १८२३), ईअरी (१८२५) आणि डेलावेअर – हडसन (१८२८) या तीन कालव्यांच्या निर्मितीमुळे हडसन नदी पंचमहासरोवरे व डेलावेअर नदीशी तसेच सेंट लॉरेन्स नदीच्या खालच्या खोऱ्याशी जोडली गेली. त्याचा विशेष फायदा मिडवेस्ट आणि न्यूयॉर्क शहरांच्या विकासास झाला. मोहॉक या प्रमुख उपनदीसह हडसन नदी ही देशातील सर्वाधिक महत्त्वाच्या व्यापारी जलमार्गांपैकी एक बनली आहे. मोहॉक हडसन यांच्या संगमाजवळ फेडरल धरण आहे. ट्राय येथे नदीपात्राची सस.पासून उंची एक मीटरपेक्षा कमी आहे. त्यामुळे भरती-ओहोटीच्या लाटांचा प्रभाव फेडरल धरणापर्यंत जाणवतो. ऑल्बानी बंदरापासून न्यूयॉर्कपर्यंत नदीची खोली १० ते ६१ मीटरपर्यंत वाढत जाते. त्यामुळे व्यापारी जलवाहतूक सुकर होते.



महिकन (मोहिकन) इंडियन लोक या नदीला अविरतपणे गतिमान राहणारे मोठे पाणी (Great Water Constantly in Motion) या

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डोव्हर सामुद्रधुनी (Dover Strait)

लेखक..



वसुदेव साळुंके

नाव : वसुदेव साळुंके
सहायक प्राध्यापक, के. जे. सोमैया महाविद्यालय, कोपरगाव-अहमदनगर.
एम.ए., बी.एड., नेट, पीएच.डी.
संपर्क : ९३७०३८९२९१
मेल : vasusalunke@yahoo.co.in

इतर नोंदी..

सर्वाधिक लोकप्रिय..


जल प्रदूषण (Water pollution)


घन कचरा व्यवस्थापन (Solid Waste Management)


बिरसा मुंडा (Birsa Munda)


जागतिक मधुमेह दिवस (World Diabetes Day)


प्रदूषण, पर्यावरणीय (Pollution, Environmental)


शिक्षण (Education)


ढोलकी (Dholki)


पंडिता रमाबाई (Pandita

15/10/2020 - वसुदेव साळुंके - भूगोल

ग्रेट ब्रिटन आणि फ्रान्स या दोन देशांना अलग करणारी, तसेच इंग्लिश खाडी आणि उत्तर समुद्र (नॉर्थ सी) यांना जोडणारी सामुद्रधुनी. या सामुद्रधुनीच्या सामान्यपणे वायव्येस ग्रेट ब्रिटन, आग्नेयीस फ्रान्स, नैर्ऋत्येस इंग्लिश खाडी आणि ईशान्येस उत्तर समुद्र आहे. या सामुद्रधुनीमुळे यूरोप खंडाच्या मुख्य भूमीपासून ग्रेट ब्रिटन वेगळा झाला आहे. सामुद्रधुनीची रुंदी ३० ते ४० किमी. आणि खोली ३५ ते ५५ मीटर आहे.



पूर्वी या सामुद्रधुनीच्या जागी जमीन होती. याचा अर्थ इंग्लंड यूरोप खंडाला जोडलेला होता. सांप्रत सामुद्रधुनीचा भूभाग चॉक खडकांनी बनलेला आहे. चॉक हा सापेक्षत: मऊ चुनखडक असून त्याचा सहज भुगा होतो. या भूभागाचे अपक्षरण (झीज) होऊन त्या जागेवर सामुद्रधुनी निर्माण झाली असावी, अशी शक्यता वर्तविली जाते. या सामुद्रधुनीच्या प्रामुख्याने ब्रिटनच्या बाजूवर पांढऱ्या रंगाच्या चॉक खडकाचे कडे स्पष्टपणे दिसतात. फ्रान्सच्या किनाऱ्यावरही असे कडे आहेत. झिजेमुळे हे कडे मागेमागे हटत असल्याचे आढळते.

टेम्स (इंग्लंड) ऱ्हाईन व उत्तर यूरोपातील अनेक नद्या उत्तर समुद्राला मिळतात. सुमारे ४,२५,००० वर्षांपूर्वीच्या प्लाइस्टोसीन हिमयुग काळात स्कँडिनेव्हिया ते स्कॉटलंड यांदरम्यान हिमाचा बांध (धरण) निर्माण झाला होता. त्यामुळे या बांधाच्या वरच्या भागात विस्तृत सरोवर निर्माण होऊन पूरसदृश्य परिस्थिती निर्माण झाली होती. त्या सरोवरातील अतिरिक्त पाणी ज्या मृदु भूभागावरून वाहू लागले, त्या ठिकाणी दरी निर्माण झाली. तीच डोव्हर सामुद्रधुनी होय. इ. स. २००७ मध्ये झालेल्या संशोधनानुसार प्राचीन काळी आलेल्या दोन पुरांमुळे डोव्हर सामुद्रधुनीची निर्मिती झाली आहे. त्यांपैकी एक पूर म्हणजे वर उल्लेखित सुमारे ४,२५,००० वर्षांपूर्वीचा होय. त्यानंतर असाच पूर सुमारे २,२५,००० वर्षांपूर्वी आला होता. या दोन्ही पुरांच्या वेळी टेम्स, शेल्ड्ट, ऱ्हाईन, म्यूज इत्यादी नद्या डोव्हर सामुद्रधुनीच्या मध्यभागी असलेल्या अरुंद व खोल पात्रातून वाहत होत्या. ग्रहीय वाऱ्यांमुळे या सामुद्रधुनीतील पाण्याचा मुख्य प्रवाह नैर्ऋत्येकडून ईशान्येकडे वाहत येतो; परंतु ईशान्येकडून वाहत येणाऱ्या दमदार वाऱ्यांमुळे तो प्रवाह परत फिरविला जातो.



डोव्हर सामुद्रधुनीमार्गे जाणारा जलमार्ग हा जगातील गजबजलेल्या सागरी मार्गांपैकी एक आहे; परंतु त्यातून केली जाणारी वाहतूक ही १९७७ मध्ये घालून दिलेल्या नियमावलींचे काटेकोर पालन करून करावी लागते. वाहतूक सुरळीत चालावी यासाठी रात्रंदिवस या मार्गावर गस्त घातली जाते. अटलांटिक महासागर ते उत्तर समुद्र आणि बाल्टिक समुद्र यांदरम्यानची सर्व वाहतूक याच मार्गाने केली जाते; कारण उत्तरेकडील स्कॉटलंडला वळसा घालून उत्तर समुद्राकडे जाणारा जलमार्ग अधिक अंतराचा आणि धोकादायक आहे. ही संपूर्ण सामुद्रधुनी राजकीय दृष्ट्या ग्रेट ब्रिटन आणि फ्रान्स या दोन देशांच्या सीमांतर्गत येत असली, तरी यातील वाहतूक मार्ग सर्व देशांसाठी खुला आहे. इंग्लंडमधील डोव्हर आणि फॉक्स्टोन, तर फ्रान्समधील कॅले आणि बूलोन ही या सामुद्रधुनीच्या किनाऱ्यावरील प्रमुख बंदरे आहेत. दररोज सुमारे चारशेहून अधिक व्यावसायिक जहाजांची ये-जा या मार्गावरून होते. वाढत्या वाहतुकीमुळे सामुद्रधुनीतील पाण्याचे होणारे प्रदूषण ही एक मोठी समस्या आहे.

इंग्लंड आणि फ्रान्स या दोन देशांदरम्यानच्या डोव्हर सामुद्रधुनीच्या तळाखालून लोहमार्ग बोगदा काढण्याची योजना पहिल्यांदा इ. स. १८५६ मध्ये प्रस्तावित करण्यात आली होती; परंतु त्यानंतर १३० वर्षे हा प्रकल्प मार्गी लागला नाही. पुढे १९८७ ते १९९१ या कालावधीत हा बोगदा खोदण्यात आला आणि १९९४ पासून तो अधिकृतपणे वाहतुकीस खुला करण्यात आला. सामुद्रधुनीचा तळ मृदु खडकाचा असला, तरी त्याच्याखालील ४५ मीटर खोलीवरील कठीण चॉक खडकातून हा बोगदा काढला आहे. या बोगद्याची लांबी ५० किलोमीटर आहे. हा बोगदा इंग्लंड व फ्रान्स यांच्या दरम्यानचा प्रमुख वाहतूकमार्ग आहे. या मार्गाने दररोज सुमारे ५०० रेल्वेगाड्या ये-जा करतात. २०१८ मध्ये या मार्गावरून सुमारे ११ द. ल. प्रवासी आणि १.२२ द. ल. टन मालवाहतूक झाली. इंग्लंड-फ्रान्स यांच्या किनाऱ्यांदरम्यान या सामुद्रधुनीतून वेगवान फेरी वाहतूक चालते.



अनेक ऐतिहासिक नाविक युद्धे या सामुद्रधुनी परिसरात लढली गेली. त्यांपैकी इ. स. १५८८ मधील युद्धात इंग्लंडवर हल्ला करण्यासाठी आलेल्या स्पॅनिश आरमाराला इंग्लंडने मागे हटविले होते. पहिल्या महायुद्धाच्या काळात बूलोन येथे प्रमुख लष्करी तळ होता, तर डोव्हर सामुद्रधुनीतून वाहतूक करणाऱ्या जहाजांच्या संरक्षणासाठी स्थापन करण्यात आलेल्या 'डोव्हर पेट्रोल' नौसेनेचे डोव्हर हे प्रमुख केंद्र होते.

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Marathi Vishwakosh

मराठी विश्वकोश हि एक ऑनलाईन माहिती प्रकाशित केली जाते. वेगवेगळ्या संकल्पना विविध विषय याबद्दल माहिती प्रदर्शित केली जाते. यामध्ये आकाश सोनवणे यांनी भूगोल विषयातून Gulf of California व Otto von Kotzebue या संदर्भात मांडणी करून मराठी विश्वकोशमध्ये प्रकाशित केली .



Kopargaon Taluka Education Society's

K.J.Somaiya Arts,Commerce and Science College, Mohanirajnagar Kopargaon,Dist-Ahmednagar

Student Centric Activity

Department of Geography Academic Year-2020-21

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Participative Learning	A. Geography Day Celebration online guest Lecture(Dr.Changdev Kudnar)	22/01/2021	21
2.	Problem Solving Methods	A.IIRS Short Term Course (Satellite Photogrammetry and its Application)	29/06/2020 To 03/07/2020	04
		B. IIRS Short Term Course (Geographical Information System)	28/09/2020	10
3.	ICT Based Teaching Methods	A. YouTube Lecture		
		B. PPT List		

Dr. V. S. Salunke

Dr. G. K. Chavhan

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,

Kopargaon

Report

On

National Talk for Geography Day Celebration

"HIWARE BAZAR-IRRIGATION SYSTEM & WATER CONSERVATION"

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Resource Person

Dr. Changdeo Khudnar

Letter to IQAC for seeking permission for the Departmental Activity

To,
The Coordinator,
IQAC,
K. J. Somaiya College, Kopargaon.

Subject: Regarding the permission for organizing Webinar on Geography Day Celebration as a Departmental Activity in our Department.....

Respected Sir

The **Department of Geography** of our college desires to **organized Lecture** on the occasion of as a Departmental Activity for developing the skills and enhancing the employability of our students.

Name of the Activity	**Geography Day Programme**
Proposed Date and Time	22/01/2021 10:30 am
Venue	Online Zoom Platform
Coordinator of the Course./ Name of the Resource Person	**Hon. Dr. Changdev Kudnar Chandvad College, Chandvad**

The said course / seminar / conference webinar activity will be of / activity will be of one day. At the end of the Course / Conference / Seminar/ Webinar of our department will issue the certificates to the student/ participants.

Kindly give the permission and thank you and look forward for kind cooperation.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Yours sincerely,

Head
Department of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Permission Letter from IQAC Organizing Programme

From

The IQAC Coordinator

K. J. Somaiya College, Kopargaon

To
Head, Dept. of Geography,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing webinar in the department of Geography,

Dear Sir,

As per your letter dated **22/01/2021** IQAC grants the permission for following activity:

Name of the Activity	**Talk for Geography Day Celebration**
Proposed Date and Time	**22/01/2021, 10:30 am**
Venue	**Zoom Meeting**
Name of the Resource Person	**Dr. Changdeo Khudnar**

You are requested to complete the documentation and submit it to IQAC after programme within five working days.

Wish you all the best for programme

Thank you.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Yours Sincerely

Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com

NAAC ACCREDITED 'A' GRADE | AN ISO 9001-2015 CERTIFIED INSTITUTE
SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

ipal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

o. : 1783/2021-22 Date : 21 / 01 /2022

To,

Hon. Dr.Changdev Kudnar
Head Department of Geography
Chandwad College Chandwad

Sub.: Regarding Invitation as a Guest Lecturer.

Respected Sir,

I am glad to invite you for the guest lecture on **'Hivare Bazar:Water shade Management '** organized by Department of Geography On the occasion of ozone day for our Students on **22nd January 2022 at 10.30 a.m.** Your valuable guidance will defiantly helpful in increasing awareness about ozone conservation among students.

Sir, we will be highly honored and obliged by your virtual presence in our institute. Once again I request you to accept our invitation and deliver the lecture through online zoom platform.

Thanking you.

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Yours faithfully,

(Dr. B.S. Yadav)
Principal
K. J. Somaiya College of Arts

Education Society's
K.J. Somaiya College of Arts, Commerce & Science
Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

cipal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

o. : 1783/2021-22

Date : 21 / 01/2022

To,

Hon. Dr.Changdev Kudnar
Head Department of Geography
Chandwad College Chandwad

Subject: Thanking letter.

Respected Sir,

We are very obliged and thankful to you for enlightening our students and faculty members through your speech. Your lecture has not only inspired our students but also motivated them in their preparation of examinations. The topic of your lecture **'Water shade Management '** On 22nd January 2022 has really benefited our students.

Sir, in future also we look forward for your co-operation from your side. We hope you will again visit our college and guide our students.

Thanking you very much.

K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Yours Faithfully,

Dr.B.S.Yadav
Principal
K.J.Somaiya College of Arts
Commerce & Science,Kopargaon

कोपरगाव.

भूगोल विभाग आयोजित

भूगोल दिना निमित्त व्याख्यान (ऑनलाईन)

दिनांक :-२२ जानेवारी २०२२

वेळ:- सकाळी १०.३० ते ११.३०

विषय:- हिवरे बाजार पाणलोट क्षेत्र व्यवस्थापन

प्रमुख वक्ते : मा. डॉ.चांगदेव कुदनर

(भूगोल विभागप्रमुख, चांदवड महाविद्यालय, चांदवड)

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

डॉ.वसुदेव सालुंके
कार्यक्रम समन्वयक

डॉ.गणेश चव्हाण
भूगोल विभाग प्रमुख

डॉ.बी .एस. यादव
प्राचार्य

https://us04web.zoom.us/i/2949287159?pwd=b3dEZ1RDc05ud040MkFBcDZ2WXkvZz09

Kopargaon Taluka Education Society's

K.J.Somaiya College of Arts, Commerce & Science,

Kopargaon

Talk on Geography Day Celebration

HIWARE BAZAR-IRRIGATION SYSTEM & WATER CONSERVATION"

Saturday, 22 January, 2021; Time: 10:30 am

Organized by

Department of Geography

- Introduction and Felicitation : **Dr.G.K.Chavhan** (Head, Dept. of Geography)
- Guest Introduction : **Dr. V. S. Salunke** (Asst Prof. in Dept of Geography, K.J.S. College, Kopargaon)
- Presidential Address : **Hon. Dr.B. S. Yadav** (Principal, K. J.S. College)
- Speaker : **Hon. Dr. Changdeo Khudnar,** (Head, Dept. of Geography, Chandwad College Chandwad)
- Vote of thanks : **Prof: S. D. Aher**
- Anchoring : **Prof: L.K.Tribhuvan**

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON



Leena Tribhuvan (me)

SC Sudarshan C Kudnar (Host)

DH Dhanata Holkar



Dr. Vasudev Salunke

GAURI LONDHE

GS Gauri Sable

GG GEO GIS

KM Kalyani mokal

KP Kumar pandore



Meherkhamb K_ï_®_@_Ñ

K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

REPORT

Report on

National Invited Talk on "HIWARE BAZAR-IRRIGATION SYSTEM AND WATER CONSERVATION"

Resource person: Dr. Changdeo Khudnar

Department of Geography Research Centre Organizing Online Guest Lecture. For this online guest lecture **Dr. Changdev Khudnar,** (Assistant Professor of department of Geography, S.N.J.B Arts Scince Commerce College Chandwad, Chandwad) was delivered lecture on **"Hiware Bazar-Irrigation system and water conservation"** on 22nd January 2021.

In his speech he focused on how the **Irrigation system and water conservation** is important for research, and also the importance of the watershed development is necessary to recent scenario and how the Hiware bazaar is the best example for the irrigation system and water conservation. Everyone should know the technique which is applied in Hiware bazaar village and villagers got the tremendous benefits for the agriculture.

In her presidential address principal Dr. B.S. Yadav explained the progress of the college in the recent years. He congratulated the staff for their student centric approach. He gave best wishes for the organization of such programmers in future.

Dr. G.K. Chavhan, Head, the Department of Geography, gave detailed information about programmer organized by the department for students.

The presidents and secretary of Kopargaon Taluka Education Society's conveyed their best wishes for this activity. They appreciated the work of the Geography Department.Dr. V.S. Salunke introduced the guest introduction. Faculty members Prof. Akash Sonawane, Prof. Rajendra Pawar, organized the programme whereas Prof Leena K. Tribhuvan played the role of anchor skillfully. The programme ended with vote of thanks proposed by Prof. Santosh Aher. 21 students were participated in this programme.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

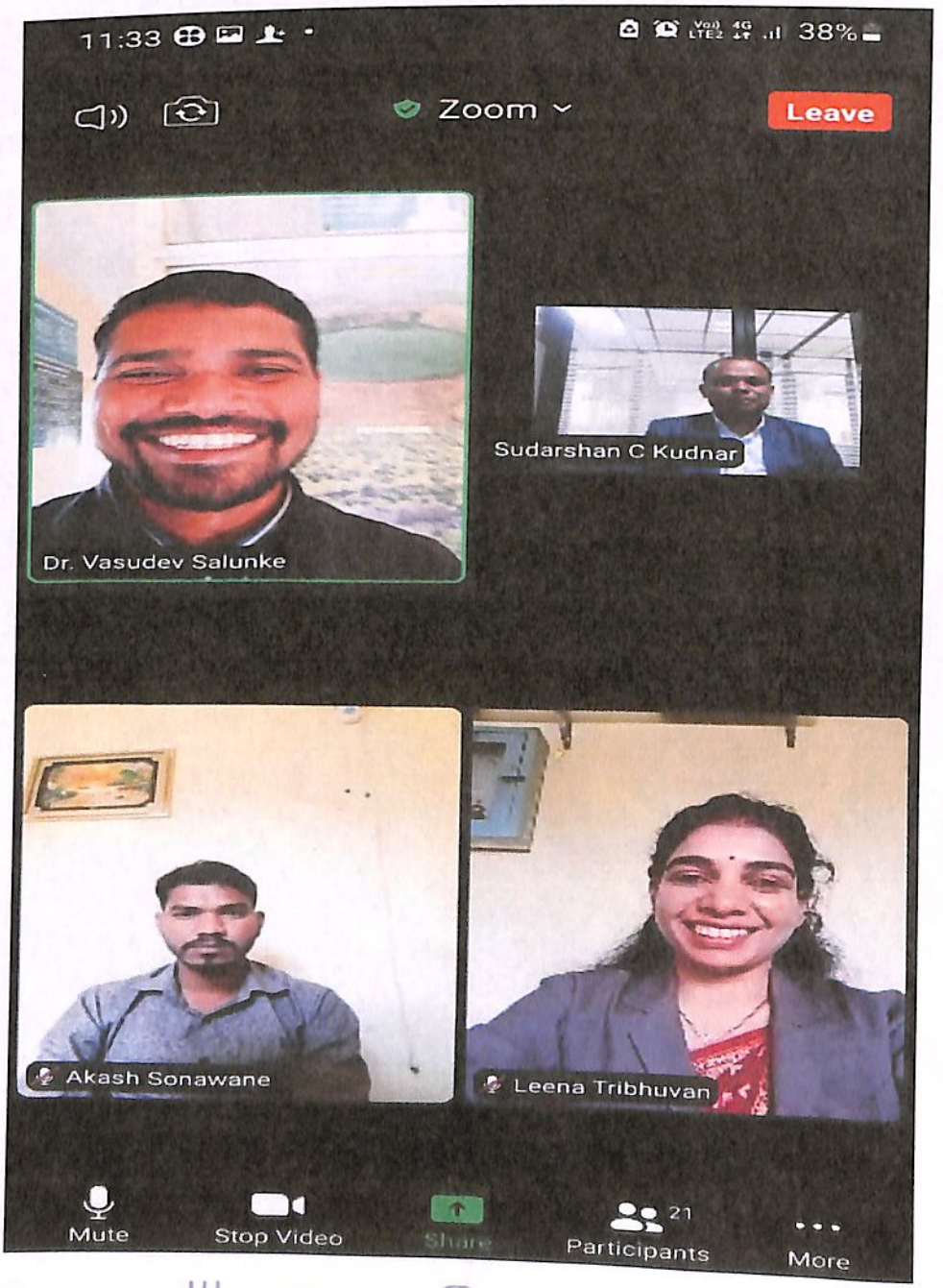
Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College, Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Webinar Photographs

22/01/2021



K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON



K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

भारत सरकार
अंतरिक्ष विभाग
भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

सत्यमेव जयते

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This is to certify that **MS. KANCHAN BABAN KHADANGLE** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes)** .

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Date: 14-12-2020
Place: Dehradun

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This is to certify that **MR. VISHAL SOMNATH SANAP** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes) .**

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This is to certify that **MS. RUTUJA BHAUSAHEB RAKTATE** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes)** .

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This is to certify that **MS. ANJALI SANJAY WAYKHINDE** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes)** .

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This is to certify that **MR. AJAY PALANDE** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes)**.

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This is to certify that **MS. AKSHADA PRALHAD JOSHI** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes) .**

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Date: 14-12-2020
Place: Dehradun

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This is to certify that **MR. ARUN DNYANESHWAR WAYKAR** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes) .**

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This is to certify that **MR. KUNAL RAJENDRA SHINDE** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes)** .

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This is to certify that **MS. ROHINI NANASAHEB THOMBARE** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes) .**

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Date: 14-12-2020
Place: Dehradun

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This is to certify that **MS. JAYSHRI RAYBHAN KHANDIZOD** has been awarded this certificate for participation in online course on **"Geographical Information System"** conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during **28-09-2020 to 15-10-2020 (Total course duration = 19 hours and 30 minutes)** .

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ONLINE DISTANCE LEARNING CERTIFICATE

सहभागिता प्रमाणपत्र/CERTIFICATE OF PARTICIPATION

यह प्रमाणित किया जाता है कि श्री कुनाल राजेंद्र शिंदे को यह प्रमाण पत्र " सैटेलाइट फोटोग्राममेट्री और उसका अनुप्रयोग " में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) द्वारा 29 जून, 2020 से 03 जुलाई, 2020 के दौरान किया गया । प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस पाठ्यक्रम में भाग लिया है।

This is to certify that **MR. KUNAL RAJENDRA SHINDE** has been awarded this certificate on having completed the online course on **"Satellite Photogrammetry and its Application"**. The course was conducted by Indian Institute of Remote Sensing (IIRS), during 29-06-2020 to 03-07-2020. The participant has attended the course at IIRS outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Date: 31-08-2020
Dehradun

Principal
K. J. Somaiya College of Arts
Kopargaon

समन्वयक, विश्वविद्यालय/ संस्थान
Coordinator, University/ Institution

निदेशक/ Director,
आई०आई०आर०एस, देहरादून/IIRS, Dehradun

UID- e0f9bb0fd61[illegible] This Certificate can be validated using URL- https://certificate.iirs.gov.in

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

नामांकन सं./ Enrollment No.: 2020590120022

ऑनलाइन दूरस्थ अधिगम प्रमाण पत्र
ONLINE DISTANCE LEARNING CERTIFICATE

सहभागिता प्रमाणपत्र/CERTIFICATE OF PARTICIPATION

यह प्रमाणित किया जाता है कि कु॰ जयश्री रायभान खंडीझोड को यह प्रमाण पत्र "ग्रहीय भूविज्ञान का अवलोकन : विशेषत: चन्द्रमा और मंगल ग्रह के सन्दर्भ में" में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) द्वारा 08 जून, 2020 से 12 जून, 2020 के दौरान किया गया । प्रतिभागी ने आईआईआरएस आउटरीच नेटवर्क सेंटर, कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव से इस पाठ्यक्रम में भाग लिया है।

This is to certify that **MS. JAYSHRI RAYBHAN KHANDIZOD** has been awarded this certificate on having completed the online course on **"Overview of Planetary Geosciences with special emphasis to the Moon and Mars"**. The course was conducted by Indian Institute of Remote Sensing (IIRS), during 08-06-2020 to 12-06-2020. The participant has attended the course at IIRS outreach network centre, **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.**

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Date: 30-07-2020
Dehradun

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

समन्वयक, विश्वविद्यालय/ संस्थान
Coordinator, University/ Institution

निदेशक/ Director,
आई॰आई॰आर॰एस, देहरादून/IIRS, Dehradun

UID- 4b3abf4f3af2fdc[illegible]6cfaee[illegible]935 This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग/DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 202177922079

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

कु॰ श्रुति चौहान

को "भूस्थानिक तकनीक द्वारा पुरातात्विक अध्ययन"

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 17 मई, 2021 से 21 मई, 2021 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसायटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS

AWARDED TO

MS. SHRUTI CHAUHAN

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Geospatial Technology for Archaeological Studies"

THIS ONLINE COURSE WAS CONDUCTED DURING **17-05-2021 to 21-05-2021** (Total course duration was = 7 hours and 30 minutes).

(Concerned IIRS Nodal Centre- **Kopargaon Taluka Education Society's, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)**

SOMAIYA COLLEGE Dept. of Geography

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Date: 28-06-2021
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- ebd4092c49767ca81de203dd535d29d3 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 202177900959

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

कु॰ खंडीझोड जयश्री रायभान

को " भूस्थानिक तकनीक द्वारा पुरातात्विक अध्ययन "

मे ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 17 मई, 2021 से 21 मई, 2021 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगांव तालुका एजुकेशन सोसायटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगांव)

THIS CERTIFICATE IS
AWARDED TO
MS. KHANDIZOD JAYSHRI RAYBHAN
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Geospatial Technology for Archaeological Studies"
THIS ONLINE COURSE WAS CONDUCTED DURING **17-05-2021 to 21-05-2021** (Total course duration was = 7 hours and 30 minutes).
(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Date: 28-06-2021
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 9e509256bddbeb5ef4fe5873ab7713bb .This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 202177876235

CERTIFICATE OF PARTICIPATION IN

ONLINE COURSE

यह प्रमाणपत्र

श्री अजय पोपट पलन्दे

को "भूस्थानिक तकनीक द्वारा पुरातात्विक अध्ययन"

में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 17 मई, 2021 से 21 मई, 2021 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट) के दौरान किया गया।

(सबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगांव तालुका एडुकेशन सोसायटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगांव)

THIS CERTIFICATE IS

AWARDED TO

MR. AJAY POPAT PALANDE

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Geospatial Technology for Archaeological Studies"

THIS ONLINE COURSE WAS CONDUCTED DURING **17-05-2021 to 21-05-2021** (Total course duration was = 7 hours and 30 minutes).

(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Date: 28-06-2021
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 5c00107addc000e89a196612b2cf8620. This Certificate can be validated using URL: https://certificate.iirs.gov.in

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

YouTube lecture

Geography YouTube Lectures – Vasudha MPSC Yutube Chanel

Dr.Vasudev Salunke has uploaded More than 76 Geography Videos Lecture on yutube platform.

FYBA Geography (2019 Pattern)

Subject-Principles of Physical and Human Geography

Sr.No.	Name of Subject	Link of Yutube Video Lecture
1	Introduction to Physical Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3117
2	Lithosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3122
3	Atmosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3132
4	Hydrosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3134
5	Introduction to Human Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3138
6	Population	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3145
	Human Settlements	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3149
7	Agriculture	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3510
8	Map :Introduction, Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3701
9	Scale :Definition and Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/4098

FYBA GeographyFYBA Geography (2013 Pattern)

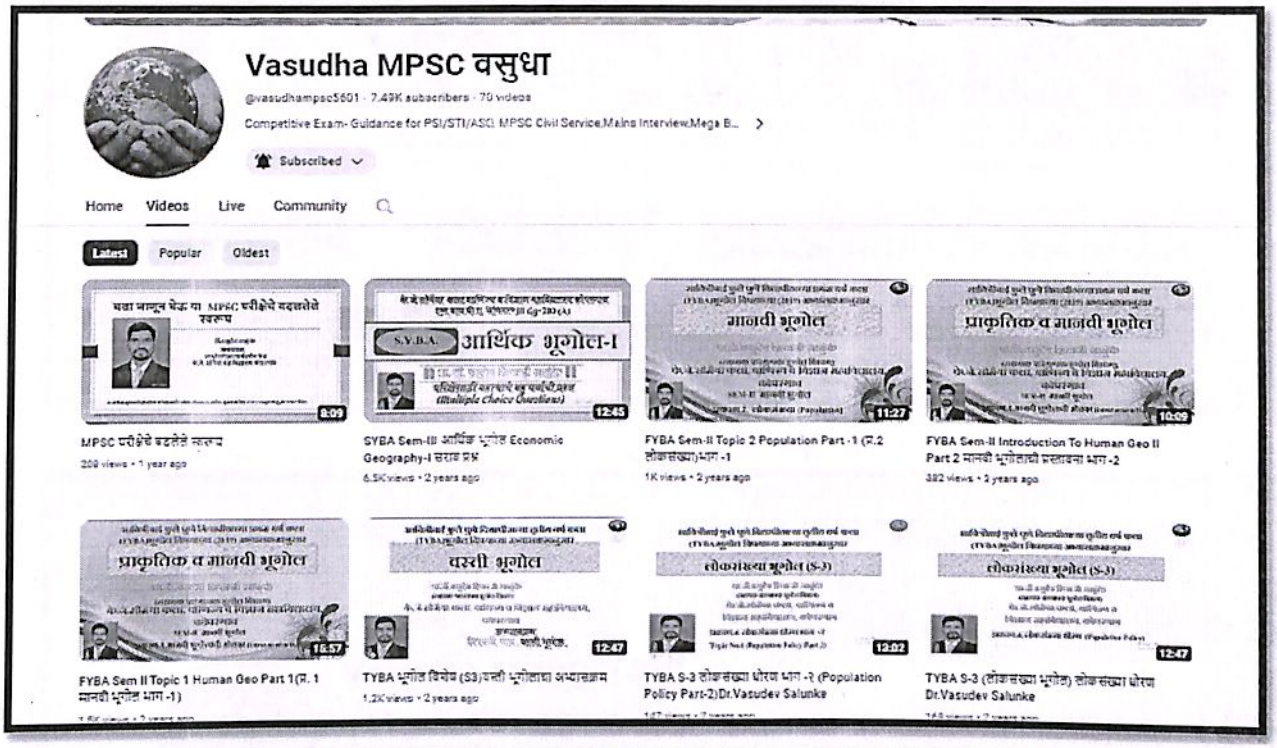
Subject-Elements of Geomorphology

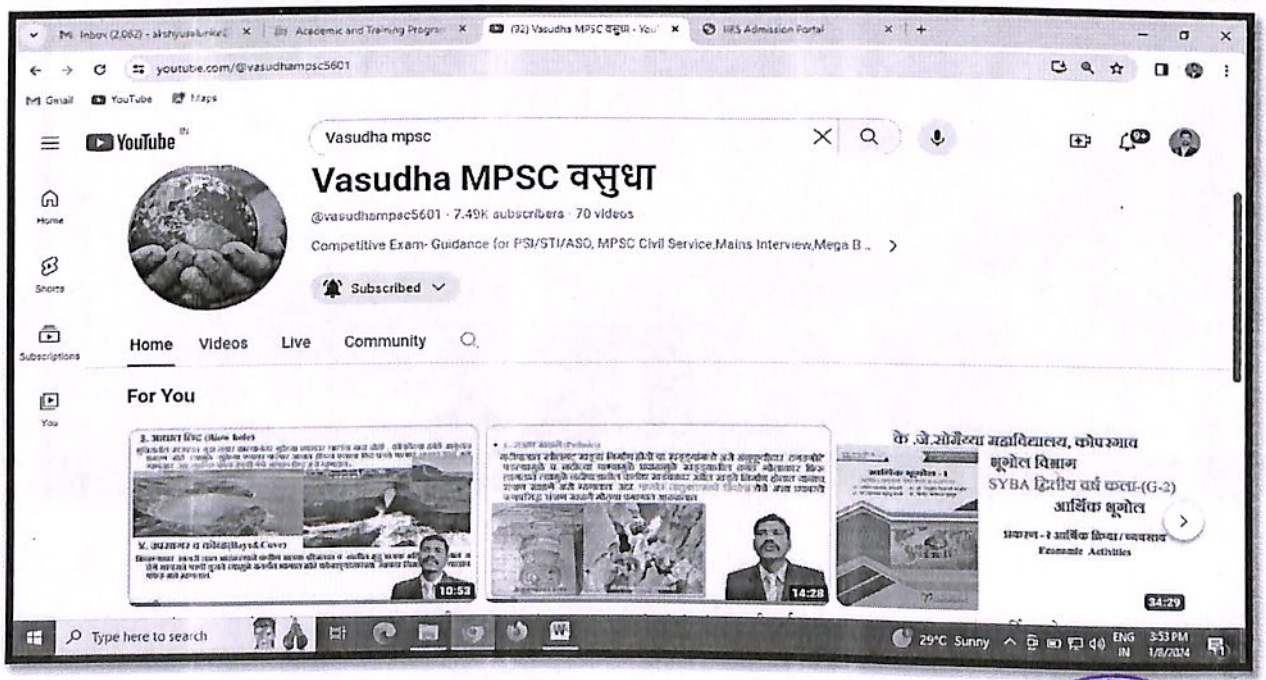
Topic No.	Name of Topics	Yutube Links
Topic 1	Introduction to Geomorphology	https://youtu.be/5D7JL-HUc_k
Topic 2	Fundamental Concepts of Earth	https://youtu.be/UCi9Utpigew
Topic 3	Interior of Earth	https://youtu.be/n7bLlINdjsQ
Topic 4	Rocks	https://youtu.be/A1RHTocZxWU
Topic 5	Diastrophic Movements	https://youtu.be/F8k68zDP1XU
Topic 6	Weathering	https://youtu.be/NddQ_Y5U_0g
Topic 7	Earthquakes and Volcanoes	https://youtu.be/dmXYPpSK1I0

K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

		https://youtu.be/RgsQSeUO8ok
Topic 8	Erosional and Depositional landforms by River and Sea waves	https://youtu.be/zf2-taDDd9o
		https://youtu.be/oxmXhjmYRBQ
Topic 9	Mass Movements	https://youtu.be/FHXmfX4o8rs
Topic 10	Applied Geomorphology	https://youtu.be/90VTdKHSbEk

Some videos are uploaded for students who prepared for Competitive Exam Guidance.





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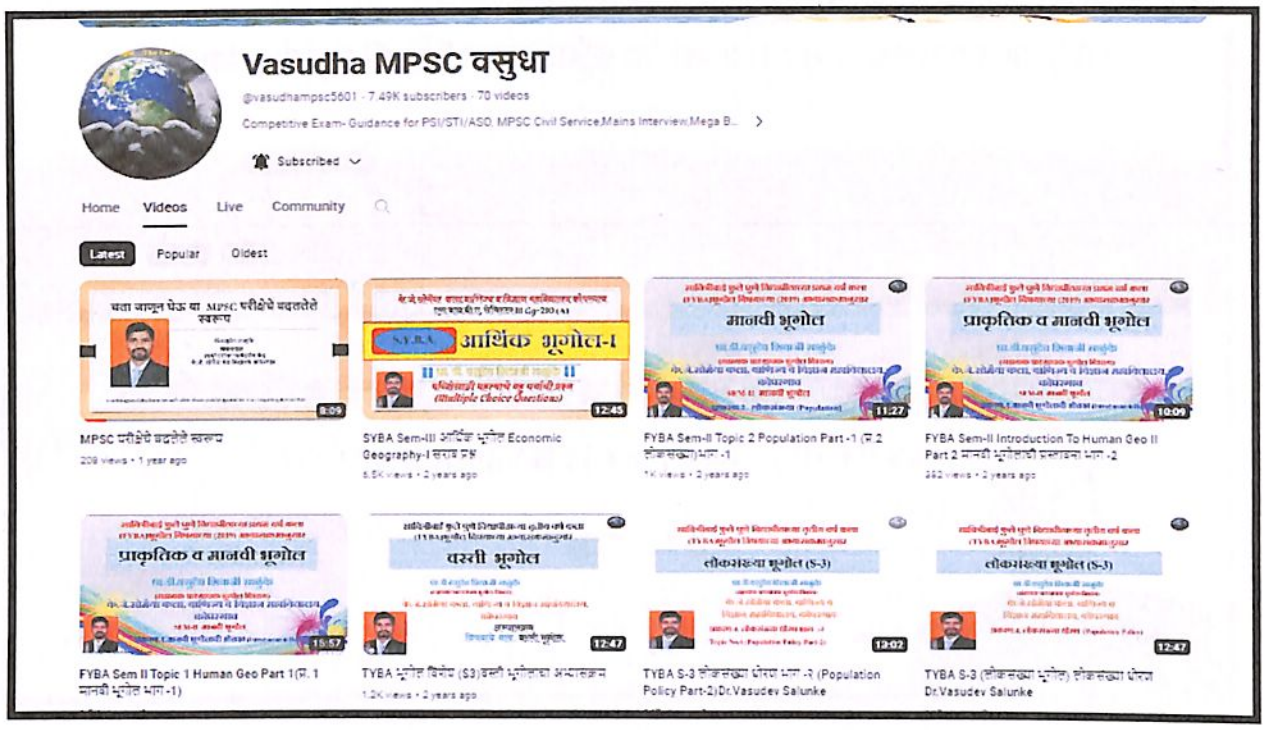
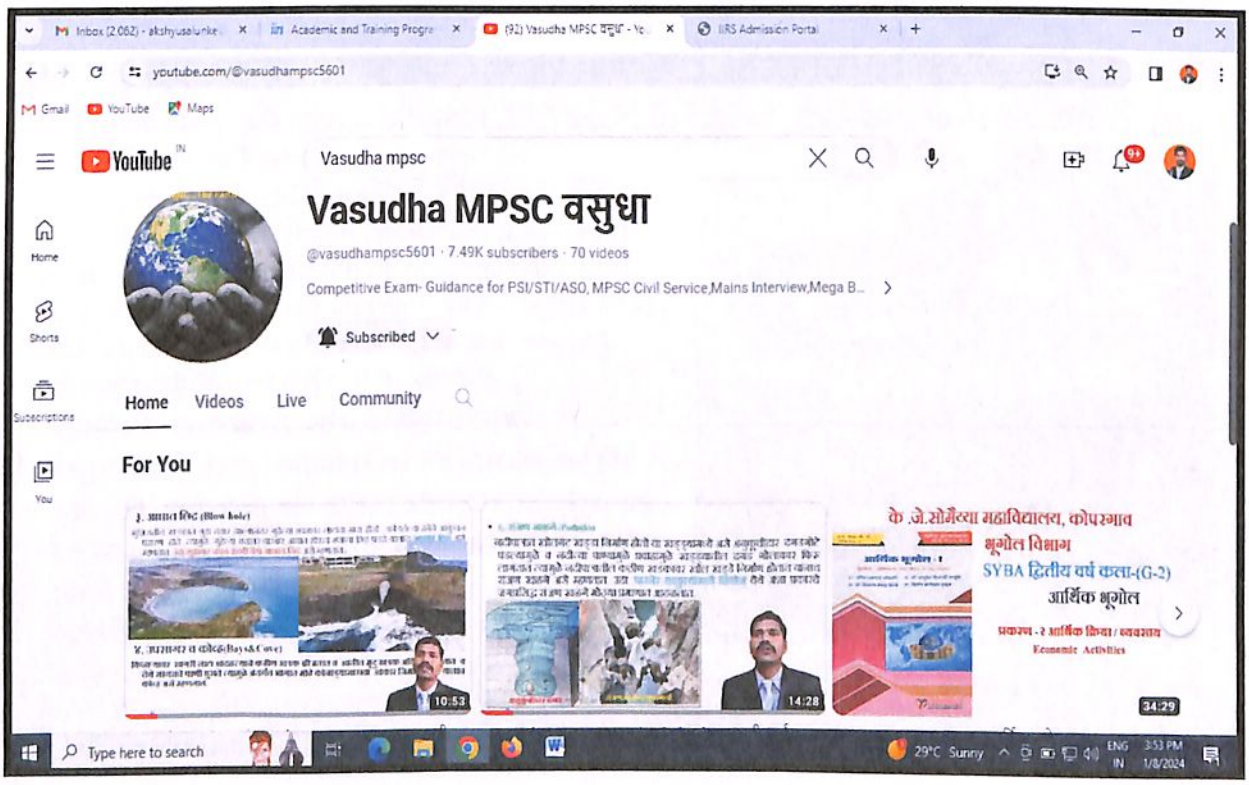
Dept. of Geography
KOPARGAON





K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

सावित्रीबाई फुले पुणे विद्यापीठाच्या प्रथम वर्ष कला (FYBA) अभ्यासक्रमानुसार

भुरुपशास्त्राची मूलतत्वे

प्रा.डॉ.वसुदेव शिवाजी साकुंरे

(सहायक प्राध्यापक भूगोल विभाग)

के.जे.सोमैया कला,वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव

प्र. ७ खणन व संचयनकारके (सागरी लाटा)

भाग -१३



Erosinal & Deposinal Landforms By Sea Waves सागरी लाटा खणन व संचयन कार्य भाग १३

Press Esc to exit full screen

- सागरी लाटा अपक्षरण,संन्निघर्षण, ण यासारख्या क्रियामुळे झीज होते.

१.कडा व सागरघर्षितमंच (Wave Cut Platform)-

किनाऱ्यावर लाटांच्या माऱ्यामुळे तयार झालेल्या सपाट व खडबडीत भागास **सागरघर्षित किनारी मंच** असे म्हणतात. किनाऱ्यावर भरती व ओहोटी यांच्या दरम्यान भाग सतत भिजला जातो.व कालांतराने खोवणीचे रूपांतर **समुद्राकडवात** होते. उदा. कोकणात श्री **हरीहरेश्वर** येथे कडा व सागरघर्षित कडा आढळतो. रत्नागिरी येथे कडा आढळतो.

२. सागरी गुहा,कमानी ,स्तंभ अवशिस्ट स्तंभ-

कमकुवत जोड असणाऱ्याभागावर लाटांचा मारा झाल्यावरतेथे गुहा तयार होते.कालांतराने गुहा आरपार जाते,त्यास **सागरी कमान** असे म्हणतात.उदा. स्कॉटलंडमध्ये "मिडल आरा"नावाची सागरी कमान आहे.सागरी कमानीचे छत कोसळल्यावरस्तंभासारखा भाग शिल्लक राहतो त्यास **सागरी स्तंभ** असे म्हणतात. उदा. मुरुडच्या किनाऱ्यावर स्तंभ आढळतात.कालांतराने अशा स्तंभाची उंची झीज होने त्यास शिल्लक राहिलेल्या स्तंभास **अवशिष्ट स्तंभ** म्हणतात.



3:33 / 10:52

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Geography YouTube Lectures – GEO@AKASH@GANGA YouTube Chanel

Mr.Akash Sonawane has uploaded More than 57 Geography Videos Lecture on YouTube platform

BA Geography MA/Msc Geography (2019 Pattern)

Sr.No	Name of Subject	Link of YouTube Video Lecture
1.	Models In Urban geography/Concentric Zone Model.	https://www.youtube.com/@geoakashganga8968/featured
2.	Population study	https://www.youtube.com/watch?v=CW4Qz8HeSrc
3.	Human migration	https://www.youtube.com/watch?v=P_q06HeXhXk
4.	Human resources	https://www.youtube.com/watch?v=FMmdjm1-KIA
5.	Commercial Geography	https://www.youtube.com/watch?v=6dYCqqgeo18
6.	Urban Demography	https://www.youtube.com/watch?v=wRujwxl6wdc
7.	Density of population in cities	https://www.youtube.com/watch?v=OzN5aKgpPNE
8.	Commercial Geography- II	https://www.youtube.com/watch?v=gkEIDB6iGrE
9.	Importance of Commercial Geography & Approach in commercial Geography	https://www.youtube.com/watch?v=2NTem_oytNc
10.	Nature and Scope of Commercial Geography	https://www.youtube.com/watch?v=QVt9_MtAE_U
11.	Introduction of Commercial Geography	https://www.youtube.com/watch?v=T_VrUGa4HY4
12.	Previous NET Examination Question Paper	https://www.youtube.com/watch?v=33zH63a8anU
13.	Functional Classification of City	https://www.youtube.com/watch?v=DkpYVm96sWM
14.	Characteristics of CBD	https://www.youtube.com/watch?v=AHynVKXU0EA
15.	Multiple Nuclei Model / Harris and Ullman Model	https://www.youtube.com/watch?v=zKarwBF2WG0
16.	Models of Urban Structure, Sector Model or Hoyt Model	https://www.youtube.com/watch?v=Ck1R10F497A
17.	Nature and Scope of Urban Geography	https://www.youtube.com/watch?v=8Z6l4T0yUXE
18.	Introduction to Urban Geography	https://www.youtube.com/watch?v=B-WhQB2NFpk
19.	MA MSc Geography, UPSC, NTA NET, SET Examination Syllabus differance	https://www.youtube.com/watch?v=nxvO78V1oQ4
20.	Introduction of Geography and Opportunity in Geography	https://www.youtube.com/watch?v=SPsKyWzjdfM

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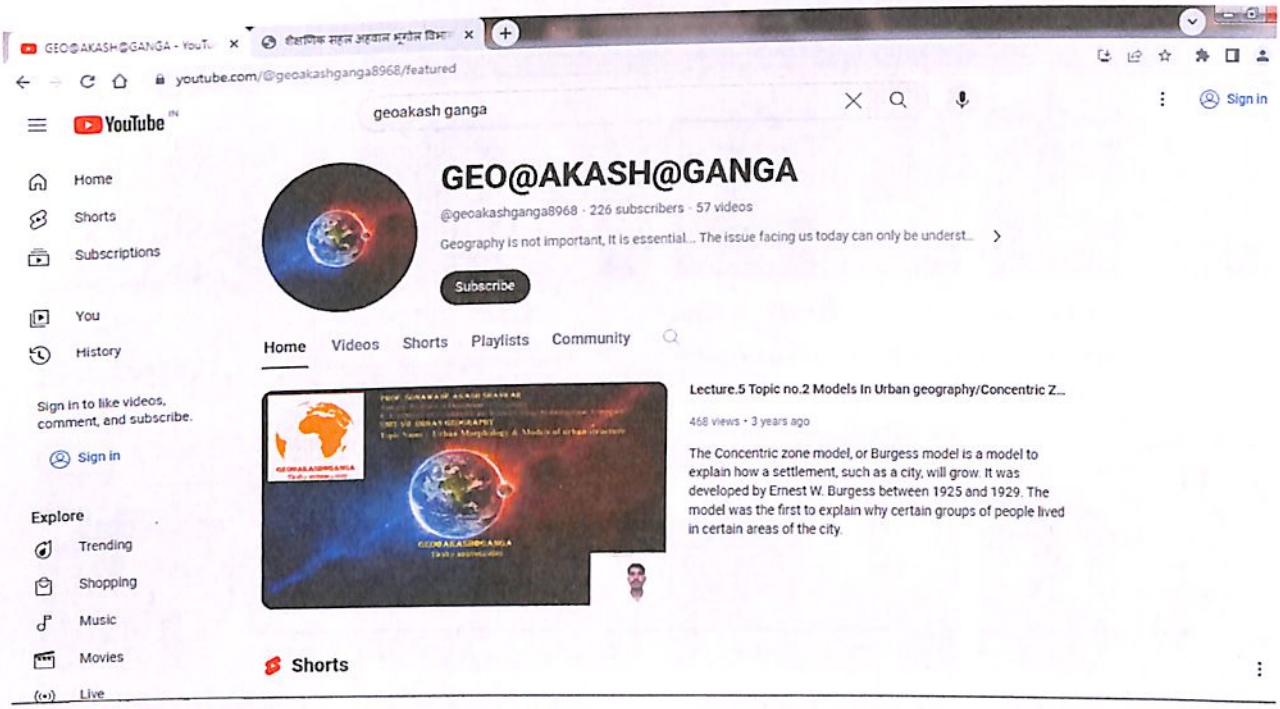

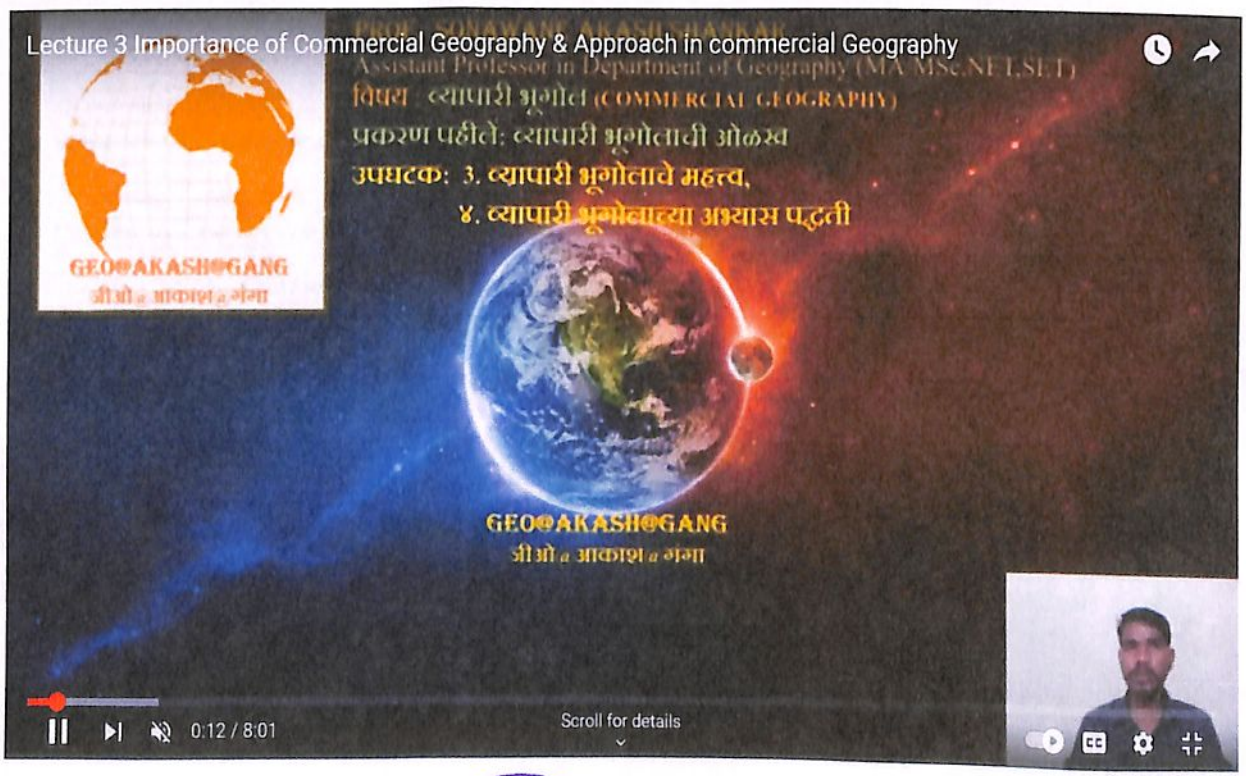

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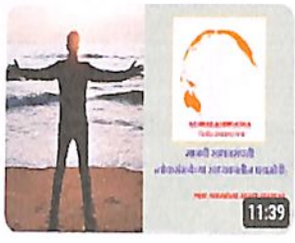

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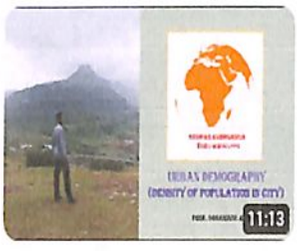

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What is a Geography ?

The word **'Geography'** originates from two Greek words. The first is **'Geo'** which means the **'Earth'** and the second Greek word is **'Graphy'** which means to **'Write'** or **'Explanation'.**

The ancient Greek scholar **Eratosthenes** is commonly called the **"Father of Geography"** for he was first to use the word **"Geography".**

Geography is the study of the interaction between people and their environments, both natural and human.



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K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

M.A./M.Sc. Geography
List of PPTs
Year – 2020/2021

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Topic No.	Name of Topics
PPT 1	Climatic Regions-Tundra,Taiga,China
PPT 2	Climatic Regions-Mediterranean
PPT 3	Tropical and Temperature Cyclones-Development and Distribution
PPT 4	Thunderstorm ,Tornados ,polar Vortex ,Cold wave ,El-Nino, La-Nino
PPT 5	Climatic Regions – Tropical, Deserts, Temperate Grasslands, Monsoon
PPT 6	Climatology Part – II –Jet – Streams, Air mass, Fronts
PPT 7	Climatology – Rainfall Types and Wind Types
PPT 8	Climatology – Atmosphere Structure Aurora
PPT 9	Climatology – Heat budget Temperature inversion
PPT 10	Common Remote Sensing GIS
PPT 11	GPS
PPT 12	GPS(2)
PPT 13	Image enhancement
PPT 14	Introduction to remote sensing
PPT 15	Remote sensing basics & Application
PPT 16	Tides - GIS
PPT 17	Vegetation Application

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Department of Geography
K. J. Somaiya College, Kopargaon

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K.J.Somaiya Arts,Commerce and Science College, Mohanirajnagar Kopargaon,Dist-Ahmednagar

Student Centric Activity

Department of Geography Academic Year-2021-22

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	A. Practical		
		B. Projects		02
		C. Dissertation		05
		D.Online Guest Lecture (Prof.Chetraj Sharma)	16/09/2021	56
2.	Participative Learning	A. Webinar (Dr.R.Jadhav)	23/10/2021	21
3.	Problem Solving Methods	A. Assignments	12/01/2022	18
		B.IIRS Short Term Course	17/12/2021	02
4.	ICT Based Teaching Methods	A. Yutube Lecture		
		B. PPT List		

Dr. V. S. Salunke

Dr. G. K. Chavhan
Head
Department of Geography
K. J. Somaiya College, Kopargaon

"Kopargaon Taluka Education Society's"

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Mohanirajnagar, Kopargaon, Dist.Ahmednagar - 423 601

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

CERTIFICATE

DEPARTMENT OF GEOGRAPHY

This is to certify that Shri./ Smt. Kalekar Monali Balasaheb

Roll No. 58, has satisfactory carried out the required practical work, presented by the Savitribai Phule Pune University, Pune for M.A./M.Sc. Part I / II, Semester : I / II / III / IV, course in Geography and that this journal represents his / her bonofied work in the year. 2021-22

Exam Seat No. :

EXAMINED

Date : 02/06/2022

Practical In charge	External Examiner	Head
(Dr. G. K. Chavhan)	(Prof. V. B. Maind)	Department of Geopraphy

के. जे. सोमैया कला, वाणिज्य व विज्ञान महाविद्यालय, कोपरगांव

भूगोल विभाग

* अनुक्रमणिका *

अ.क्र.	घटकाचे नाव	सही
1)	भारतीय स्थलनिर्देशक नकाशावी ओळख	
2)	भारतीय स्थलनिर्देशक नकाशाचे वाचन	
3)	भौगोलिक माहिती प्रणाली व सुदूरसंवेदन यांची ओळख	

अ.क्र.	घटकाचे नाव	सही

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Savitribai Phule Pune University, Pune
Practical Examination in Geography

Class : T. Y. B. A. S4, Sem. VI **Batch No. 2** **Year: 2021-2022**
Subject: Techniques of Spatial Analysis (Practical Geography - II) Sem. VI
Date: 02/06/2022

Attendance Sheet

Sr. No	Roll No.	Candidate Name	Signature
1.	58	KALEKAR MONALI BALASAHEB	Monalik
2.	47	KATE SHITAL VIJAY	Kate.
3.	11	KULKARNI DHANASHRI SANTOSH	Kulkarni
4.	132	LADWANSHI NEHA JAYESH	N. Ladwanshi
5.	4	SABLE SAKSHI MADHUKAR	Sakshi
6.	91	SANDAN PRIYANKA SHIVAJI	Priyanka
7.	139	VAIDYA ARCHANA PARAJI	Archana.
8.	67	WAKCHAURE SANTOSH ARJUN	[illegible]

1. Internal Examiner: Dr. G. K. Chahan [signature]
2. External Examiner: Prof. V. B. Mavind [signature]

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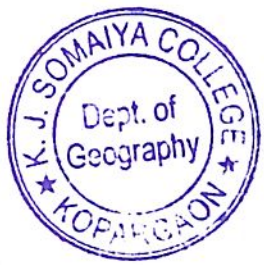
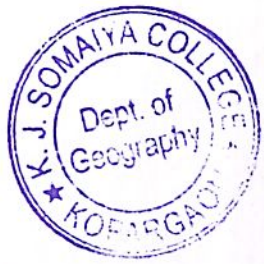


MA / MSc -II Geography

Research Topic

2021-22

Sr. no.	Name of the student	Title of the Dissertation	Name of the Guide
1	Gauri Sharadrao Londhe	"Study of Change Between two Generation in Bhil Communities (Scheduled Tribes) of Kopargaon Tehsil"	Dr. G. K. Chavhan
2	Suryawanshi Deepak Sanjay	"Assessment of Groundwater Level & Quality Through Borewell in Malegaon City, Nashik "	Dr. G. K. Chavhan
3	Abhale Pooja Rajendra	"Assessment of Watershed Management of Rural Area in Kopargaon Tehsil"	Prof. L. K. Tribhuvan
4	Dange Punam Jalindar	"Assessment of Urban Sprawals Kopargaon-Shirdi-Rahata Towns in North Part of Ahemadnagar District"	Dr. V. S. Salunke
5	Meharkhamb Kiran Mahendra	"Impact of Kopargaon Sahakari Sakhar Karkhana (KO-SA-KA) on Human Health of Surrounding Households"	Dr. V. S. Salunke



MA / MSc -II Geography

Research Topic

2021-22

Sr. no.	Name of the student	Title of the Project	Name of the Guide
1.	Holkar Dhanta Himmatrao	"Economic Impact Assessment of Coid-19 Pandemic on Shirdi"	Prof. L. K. Tribhuvan
2.	Bangar Shital Rajendra	"Analysis of Population and Settlement Pattern of Kopargaon Tahsil in Ahmednagar District"	Dr. G. K. Chavhan

"ASSESSMENT OF GROUNDWATER LEVEL & QUALITY THROUGH BOREWELL IN MALEGAON CITY, NASHIK"

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

A DISSERTATION SUBMITTED FOR THE PARTIAL FULFILLMENT OF AWARD OF DEGREE OF

MASTER OF ARTS / SCIENCE IIN GEOGRAPHY

SUBMITTED TO

K. J. SOMAIYA COLLEGE OF ART'S COMMERCE & SCIENCE KOPARGAON - 423601

By

MR. SURYAWANSHI DEEPAK SANJAY

UNDER THE GUIDANCE OF

DR. GANESH K. CHAVHAN

YEAR- 2021 - 22

"ASSESSMENT OF GROUNDWATER LEVEL & QUALITY THROUGH BOREWELL IN MALEGAON CITY, NASHIK."

A DISSERTATION SUBMITTED FOR THE PARTIALFULFILLMENT OF AWARD OF DEGREE OF

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K. J. SOMAIYA COLLEGE OF ART'S COMMERCE & SCIENCE

KOPARGAON - 423601

By

MR. SURYAWANSHI DEEPAK SANJAY

UNDER THE GUIDANCE OF

DR. GANESH K. CHAVHAN



MAY 2022

YEAR- 2021-22

K. T. E. Society's

K. J. Somaiya College of Art's Commerce & Science
Kopargaon - 423601

Dr. Ganesh K. Chavhan
Assistant professor in Geography
Mobile: +91 9766768082
E – mail: gc.geography@gamail.com

Tel: (09146142000)
Fax: (09146152000)
www.kjscollege.com
E – mail:kjscollege@rediffmail.com

Ref: -Geo. /21-22

Date: /05/2022

CERTIFICATE

This is to certify that **Mr. SURYAWANSHI DEEPAK SANJAY** has submitted the dissertation report **"ASSESSMENT OF GROUNDWATER LEVEL & QUALITY THROUGH BOREWELL IN MALEGAON CITY, NASHIK"** for award the degree

of M.A. /M.Sc. in Geography under my guidance and supervision and submitted the project report as laid down by K. J. Somaiya College of Art's Commerce & Science Kopargaon. The material that has been obtainedfrom other sources is duly acknowledged in the report. It is further certified that the work has not been submitted to any other University for examination under my supervision. I consider this work worthy for the award of the degree of M.A. / M.Sc. in Geography

Project Guide

Dr. Ganesh K. Chavhan

Department Of Geography

K. J. Somaiya College of
Art's Commerce & Science Kopargaon

DECLERATION

MR. DEEPAK SANJAY SURYAWANSHI hereby that this project entitled "ASSESSMENT OF OUNDWATER LEVEL & THROUGH BOREWELL IN MALEGAON CITY, NASHIK." completed work e by us during working time in Department of Geography.

e- / /2022

ce- Kopargaon

Researcher

Signature

r. Suryawanshi Deepak Sanjay

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Dept. of Geography

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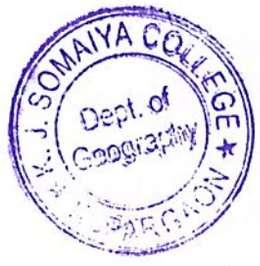

Chapter No. 1 Introduction

1.1 Introduction:

water use is increasing due to increasing population and to meet its supply ground water is begin used and digging bore well on the groundwater begin extracted by digging borewell on the surface as a result the ground water is getting less and less and it is getting deeper Earlier borewells were getting water at short distance and it has gone too Deep now and how it has gone down for this we will study the information obtained through survey and how borewells are begin drilled due to overpopulation of water due to population spread and also the ground is dug therefore by surveying hundred of house this information has been used to study the number and population of borewells and the depth and water consumption of their borewells and the map shows how the population is and where the borewell is on the map

Groundwater is used for domestic supply, industries and agriculture in most parts of Nashik district in Maharashtra, is a replenishable resource and has inherent advantages over surface water. There has been a tremendous increase in the demand for fresh water due to growth in population. Among the various sources of water, groundwater is said to be the safest water for drinking and domestic purposes. Among the various sources of water, groundwater is said to be the safest water for drinking and domestic purposes. Therefore, the present study has been undertaken to assess the Groundwater of Malegaon taluk in Maharashtra. Malegaon taluk is one of the major talukas of Nashik district. It lies between 20.5579° N latitude and 74.5089° E longitude. It covers an area about 33.56 km2 (12.96 sq. mi) sq.km. The taluk has a population of about 7, 47,821. The average annual rain fall of the study area is 570.4 mm.

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1.2 Definition:

1. Ground water is the water that seeps through rocks and soil and is stored below the ground. The rocks in which ground water is stored are called aquifers. Aquifers are typically made up of gravel, sand, sandstone or limestone

2. Groundwater is fresh water (from rain or melting ice and snow) that soaks into the soil and is stored in the tiny spaces (pores) between rocks and particles of soil.

3. Bore water comes from groundwater which in turn comes from rain that has naturally seeped into the ground and is stored in spaces between soil and rocks. The layers and bodies of water

1.6 Hypothesis:

Water is basic need of mankind; Ground water has important role in water uses of human being. Physiography and water quality are impact on uses of water for different purpose.

1.7 Data base:

In the present study, the following data have been used. The collection of data has been done mainly through primary and secondary data.

- **Primary data:** Primary data is collected through field visit, observation and interview and questionnaire survey methods. Field visit observation methods have been used to analyze spatial distribution of bore well in the study area.
- Self-structure interview schedule is administered to study the various types of households uses of bore well.
- Questionnaire method has been employed collect information about the socio-economic characteristics and their problems of drinking water as well as the household use the water.
- **Secondary data:** Secondary data sources such as Toposheet, Census of India (2011), Aster GDEM with 30m resolution, Malegaon administrative data, academic literature, government and Ngo's reports and policy documents of planning commission India etc., have been employed for the further detail analysis.

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1.8 Methodology:

A stratified random sampling technique has been used to select the samples from the study area. Total 100sampling have been selected from Malegaon city area for research. GPS Survey and Geo tagging photographs have taken while taking the samples. All data classified and tabulated though MS Excel.

Q GIS3.15 Geographic Information System (GIS) software was used for creating, managing and generation of different layers (ward-wise boundary, major roads, house hold bore well etc.) and maps used to prepare various thematic maps.

Chapter No.3 Borewell Analysis

3.1 Groundwater basic:

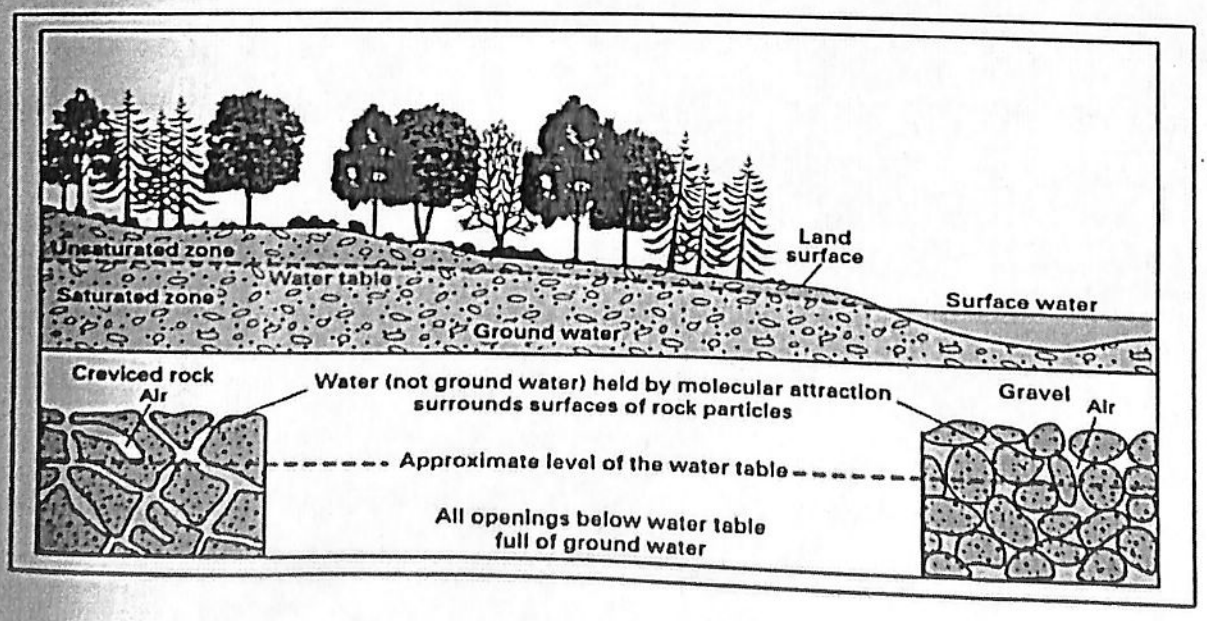
Groundwater variations:

In the nature, water resources and water demand are unevenly distributed both spatially and temporally. It is these uneven distributions that make the groundwater hydrology more complex and dynamic in its nature and form. Ironing out of the variations and equitable juxtaposition of haves and have-nots in both demand and resource is the ultimate goal of all hydrological knowledge

Groundwater:

In the diagram below, you can see how the ground below the water table (the blue area) is saturated with water. The "unsaturated zone" above the water table (the gray area) still contains water (after all, plants' roots live in this area), but it is not totally saturated with water. You can see this in the two drawings at the bottom of the diagram, which show a close-up of how water is stored in between underground rock particles.

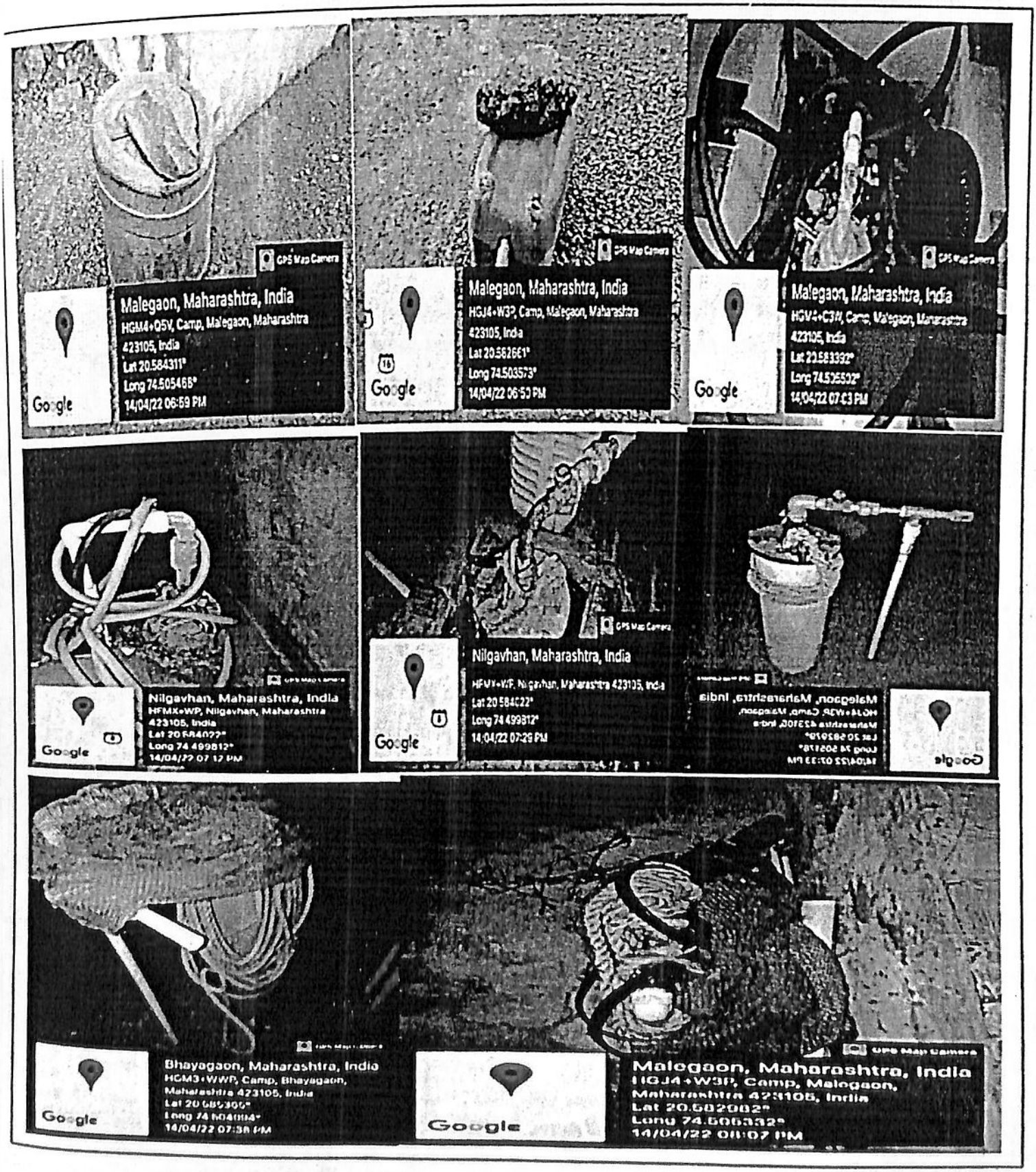
Groundwater diagram



(Source of image USGS)

4 Borewell Survey Photos:

Borewell photos taken while surveying the borewell. These photos were taken with a GPS camera and its longitude and latitude on earth and the longitude and latitude of the earth above it is seen in the photo.



Chapter No. 4 Conclusion

4.1 Conclusion:

Groundwater resources are not managed properly in different parts of the world. For the proper management of groundwater resources, simple and effective rules and regulation must be adopted. The governing regulations may be based on knowledge and practical experiences of the local region supported by scientific and field information. The groundwater management strategies arc recommended to be planned such that:

1. Groundwater withdrawal will be adjusted as per forecasted supply and demand requirements of the future.
2. The renewable character of potential aquifers must be considered with optimum aquifer pump rates, well locations, and relative priority of each sub-aquifer unit within the integrated management system of the entire aquifer field.
3. Water quality, effect of urbanization, intensive agricultural practices, economy, social impact, and local administrative strategies should also be considered.
4. Recommended groundwater management practices need to scientifically determine different hydrogeological parameters such as porosity, specific yield, and hydraulic conductivity for actual water volume calculations. It is preferable to obtain estimated parameter by field techniques like the aquifer tests and their proper interpretations.
5. For strategic planning of groundwater reservoirs that may be replenished, the groundwater quality is significant not only for management but also for controlling the excessive exploitation possibilities. Naturally existing groundwater does not have homogenous but heterogeneous properties within the same storage. Generally, the bottom layers are saline, and, therefore, during pumping operations, the up-coning must be avoided.
6. Private well owners must be convinced to allow for groundwater strategic planning by avoiding haphazard and unnecessary exploitations.
7. Implementation of artificial recharge system in order to compensate the present deficit. Increasing groundwater recharge could counteract the projected effects of climate changes on the groundwater system.

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Report on

National Talk on

"WORLD OZONE DAY"

K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Resource Person

Prof. Chetraj Sharma

Letter to IQAC for seeking permission for the Certificate Course

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopargaon

Subject: Regarding the permission for starting new certificate course / ~~Organize Seminar~~ / ~~Conference~~/ Webinar/ ~~Departmental~~ Activity in our department...

Respected Sir,

The Department of Geography desires to ~~start~~ / organised a ~~certificate course~~ / Organize Seminar / ~~Conference~~/ Webinar / Departmental Activity in _____ for developing the skills and enhancing the employability of our students.

Name of the Activity	Ozone layer & Human Future
Proposed Date and Time	16 Sept 2021
Venue	Online - Geography Department
Name of the Resource Person / Coordinator of the Course	Hon. Dr. Chetraj Sharma.

The said ~~course~~ / ~~seminar~~ / conference/ webinar / activity will be of 01 days/ ~~months~~ and the fees for the course/ Conference / Seminar/ Webinar / activity will be nil which is to be paid at cash counter of the college. At the end of the course/ Seminar/ Conference/ Webinar / activity of our department will issue the certificates to the successful student/ participants.

Kindly give the permission and thank you and look forward for kind cooperation.

K. J. SOMAIYA COLLEGE * Dept. of Geography * KOPARGAON

Yours sincerely,

01/09/2021

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Permission Letter from IQAC for Organizing Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

To,
Head, Dept. of Geography,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing Departmental Activity **in the department of** Geography.

Dear Sir,

As per your letter dated 01/09/2021 IQAC grants the permission for following activity:

Name of the Activity	Ozone Day celebration-lectures
Proposed Date and Time	16/09/2021.
Venue	Online
Name of the Resource Person	Dr. Chetraj Sharma.

You are requested to complete the documentation and submit it to IQAC after programme within five working days.

Wish you all the best for programme.

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Thank you.

Yours Sincerely,

Prof. Vijay Thange
Co-ordinator, IQAC
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
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Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

Ref. No. : Personal mail

Date : 10/9/2021

To
Prof. Chetraj Sharma
Department of Geography,
Nar Bahadur Bhandari Government College,
Sikkim

Sub: Invitation as a resource person for one-day Webinar.

Sir,

I am very happy to inform you that the Department of Geography, K. J. Somaiya College, Kopargaon organizing one-day Webinar on **"World Ozone Day" on 16th September 2021.** It is our pride privilege to invite you as a resource person for the Webinar

We kindly request you to give your precious time to student and staff of life science Department. Your valuable presence and lecture will definitely prove useful to the teacher and students of Geography.

I hope that you will consider our request to spare to spare one day for our all faculty members and students.

Thanks you,

Your faithfully,

10/9/21

(Dr. G. K. Chavhan)
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * Dept. of Geography * KOPARGAON

(Dr. B. S. Yadav)
Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

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NAAC ACCREDITED 'A' GRADE | AN ISO 9001-2015 CERTIFIED INSTITUTE
SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

rincipal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

:f. No. : personal mail

Date : 17/9/2021

CERTIFICATE

This is to certify that **Prof. Chetraj Sharma** Professor in the Department of Geography, Nar Bahadur Bhandari Government College, Sikkim has delivered a lecture on topic **"World Ozone Day"** in one day Webinar on **"Ozone Day Celebration"** organized by department of Geography on 16th September 2021.

Thanks and Regards.

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Principal

(Dr. B. S. Yadav)
Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,
Kopargaon

National Talk

On

"World Ozone Day"

Saturday 16th September 2021: Time: 10:00am

Venue : Zoom Link (Online)

Organized by

Department of Geography

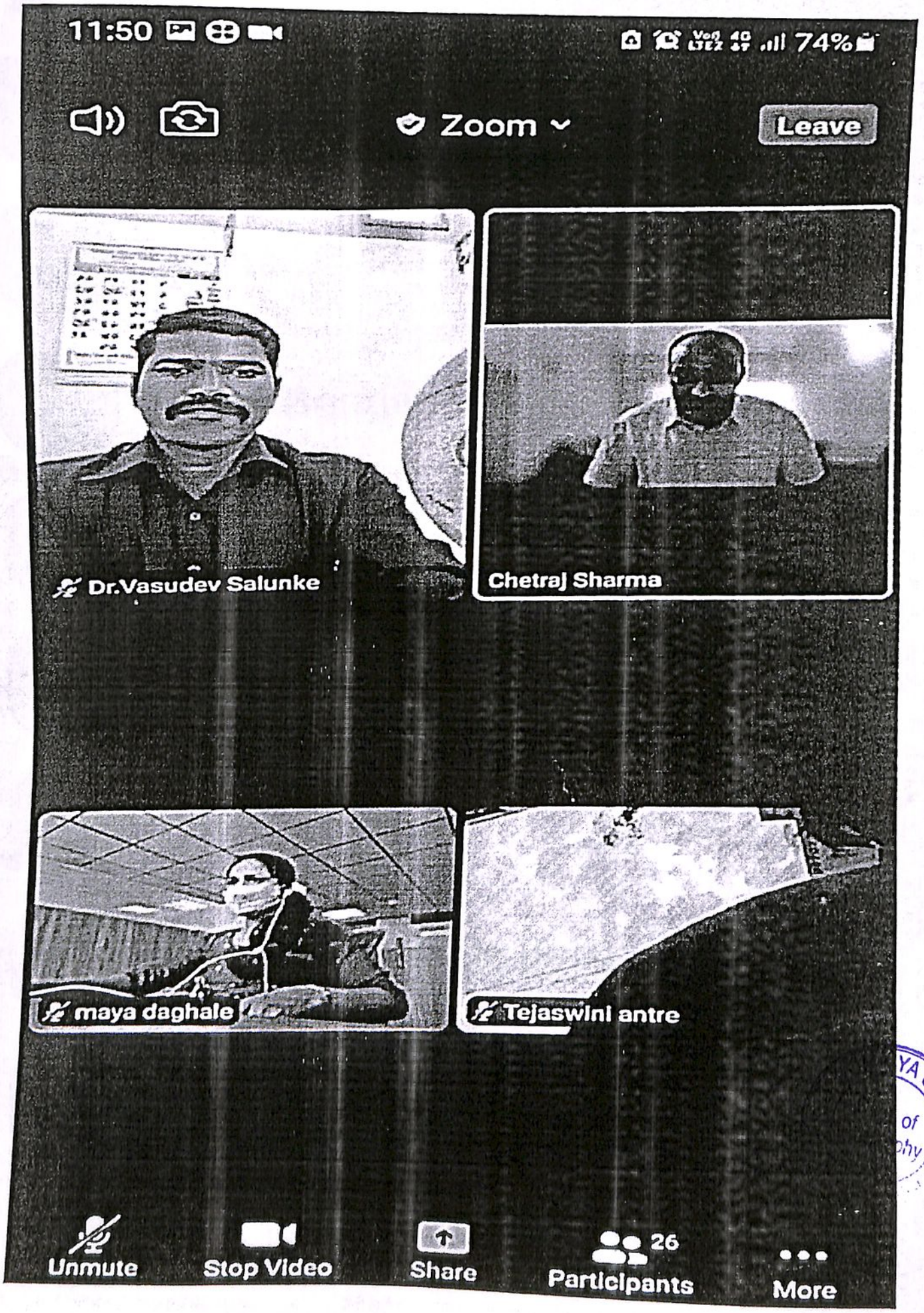




- **Inauguration** : **Dr. V. S. Salunke**
  (Associate Prof. in Department of Geography)
- **Presidential Address** : **Dr. B. S. Yadav**
  (Principal, K, J, S, College)
- **Speaker** : **Prof. Chetraj Sharma**
  (Professor in Department of Geography. Sikkim)
- **Vote of Thanks** : **Dr. G. K. Chavhan**
  (Head Department of Geography)
- **Anchoring** : **Dr. S. K. Bansode**

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Photographs



Ravindra Jadhav

SD Sabne Divya

SD Sapna Dodke

SB Shital Bangar

SC Shivam chavan

T Tu$h@®❤

VA Vinita Avhad

WA WAKCHAURE ABHISHEK

YB Yash Bhosale

Y Yash Hon

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

पुण्य नगरी

के .जे .सोमैया महाविद्यालयात ओझोन दिन साजरा

कोपरगाव : भूगोल विभाग व अंतर्गत गुणवत्ता हमी कक्ष यांच्या संयुक्त विद्यमाने के. जे. सोमैया महाविद्यालयात जागतिक ओझोन दिन साजरा करण्यात आला.

पृथ्वीवरील ओझोन आवरण वाचवण्यासाठी संसाधनांचा विवेकी वापर व अतीआरामदायी जीवन पद्धतीचा त्याग करून आपल्या गरजांवर मर्यादा घातल्या पाहिजे. त्याच बरोबर तरुणाईने निसर्गपूरक जीवनशैली स्वीकारावी, असे आवाहन नरबहादूर भंडारी शासकीय महाविद्यालयाचे प्रा.चेतराज शर्मा यांनी केले. प्रा शर्मा म्हणाले, माता वसुंधरेच्या संरक्षणाची जबाबदारी तरुण विद्यार्थ्यांच्या खांद्यावर आहे.ती जबाबदारी ते सक्षमपणे पेलवतील. स्वागत प्राचार्य डॉ.बी. एस.यादव यांनी केले. कार्यक्रमाचे प्रास्तविक व पाहुण्यांचा परिचय डॉ. वासुदेव साळुंके यांनी केला. कार्यक्रमाचे सूत्रसंचालन डॉ. शैलेंद्र बनसोडे यांनी केले .आभार प्रदर्शन भूगोल विभागाचे प्रमुख डॉ.गणेश चव्हाण यांनी मानले.कार्यक्रमाच्या यशस्वितेसाठी प्रा. विजय ठाणगे, डॉ.संतोष पगारे, कार्यालयीन अधीक्षक डॉ. अभिजित नाईकवाडे व भूगोल विभागाचे प्रा. आकाश सोनवणे, प्रा. लीना त्रिभुवन, प्रा. कुणाल शिंदे यांनी परिश्रम घेतले.

SOMAIYA COLLEGE Department of Geography

REPORT

Report on

National Invited Talk on "WORLD OZONE DAY"

Resource person: Prof. Chetraj Sharma

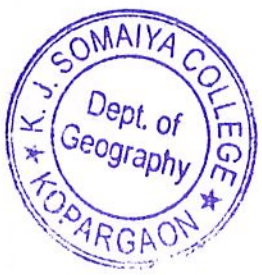
Department of Geography Research Centre Organizing Online Guest Lecture on the occasion of "World Ozone Day". For this online guest lecture Dr. Dr. Chetraj Sharma, (Professor of department of Geography, Sikkim) was delivered lecture on "World Ozone Day" on 16th September 2021.

In his speech he focused on simply information about the Ozone layer and what are the factors affected on Ozone depletion and what we do to protect the ozone layer. Instead of that he focused the student should largely participated or involve with the perspective of research in geography.

In her presidential address principal Dr. B.S. Yadav explained the progress of the college in the recent years. He congratulated the staff for their student centric approach. He gave best wishes for the organization of such programmers in future.

Dr. G.K. Chavhan, Head, the Department of Geography, gave detailed information about programmer organized by the department for students.

The presidents and secretary of Kopargaon Taluka Education Society's conveyed their best wishes for this activity. They appreciated the work of the Geography Department. Faculty members Prof. Akash Sonawane, Prof. Rajendra Pawar, Prof. Santosh Aher, organized the programme whereas Prof Leena K. Tribhuvan played the role of anchor skillfully. The programme ended with vote of thanks proposed by Dr. Vasudeo S. Salunke. 56 students were participated in this programme.



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon,

Report on

National Talk for

"CENSUS DATA AND GEOGRAPHICAL RESEARCH"

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Resource Person

Dr. Ratnprabh Jadhav

Letter to IQAC for seeking permission for the Certificate Course

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopargaon

Subject: Regarding the permission for starting new certificate course / Organize Seminar / Conference/ Webinar/ Departmental Activity in our department...

Respected Sir,

The Department of Geography desires to ~~start~~ / organised a ~~certificate course~~ / ~~Organize Seminar~~ / ~~Conference~~/ Webinar / Departmental Activity in _____ for developing the skills and enhancing the employability of our students.

Name of the Activity	"Census Data & Geographical Research"
Proposed Date and Time	Saturday, 23rd Oct 2021.
Venue	Dept. of Geog. (Online).
Name of the Resource Person / Coordinator of the Course	Hon. Dr. Ratnaprabha Jadhav

The said ~~course~~ / ~~seminar~~ / ~~conference~~/ webinar / activity will be of 01 days/ ~~months~~ and the fees for the course/ ~~Conference~~ / ~~Seminar~~/ Webinar / activity will be Nil which is to be paid at cash counter of the college. At the end of the course/ ~~Seminar~~/ ~~Conference~~/ Webinar / activity of our department will issue the certificates to the successful student/ participants.

Kindly give the permission and thank you and look forward for kind cooperation.

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Yours sincerely,

13/10/2021

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Permission Letter from IQAC for Organizing Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

To,
Head, Dept. of Geography,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing Webinar **in the department of** Geography.

Dear Sir,

As per your letter dated 13/10/2021 IQAC grants the permission for following activity:

Name of the Activity	Webinar on "Census Data and Geographical Research".
Proposed Date and Time	23/10/2021
Venue	Online
Name of the Resource Person	Dr. Ratnaprabha Jadhar.

You are requested to complete the documentation and submit it to IQAC after programme within five working days.

Wish you all the best for programme.

Thank you.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Yours Sincerely,

Prof. Vijay Thange
Co-ordinator, IQAC
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science,

Kopargaon, Dist. Ahmednagar (Maharashtra)

NAAC Reaccredited 'A' Grade • Best College Award by S P Pune University

Department of Geography and IQAC

Jointly Organised

National Level Invited Talk on Census Data & Geographical Research

▸ Saturday, 23rd October 2021 ▸ Time : 10.00 am onwards



Hon. Ashokrao Rohamare
Chairman, KTES



Hon. Adv. S. D. Kulkarni
Secretary KTES



Hon. Sandipji Rohamare
Trustee, KTES

SPEAKER



Dr. Ratnaprabha Jadhav
Dept. of Geography
SNDT University, Pune



Dr. B. S. Yadav
Principal



Dr. Ganesh K. Chavhan
Head, Dept. of Geography
K. J. Somaiya College, Kopargaon

Organising Committee

Dr. V. S. Salunke, Convener | Prof. A. S. Sonawane, Co-convener | Prof. L. K. Tribhuvan, Organising Secretary | Prof. R. A. Pawar, Co-Convener | Prof. S. D. Aher, Co-Convener

Meeting link: https://meet.google.com/dsq-fpnj-ytd

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

Ref. No. : Geog/03/2021-22

Date :20/10/2021

To,

Dr. Ratnaprabha Jadhav,

Associate Professor, Department of Geography,

SNDT University, Pune.

Subject: Invitation for National Level Invited Talk on Census Data & Geographical Research on 23rd October 2021.

Respected Madam,

It gives us immense pleasure to invite you to deliver a National Level Invited Talk on **Census Data & Geographical Research on 23rd October 2021 at 10.00 am** through virtual mode in our institute.

We hope your lecture will deepen the understanding of this concept among our audience. We are very indebted to you for accepting the invitation over a telephonic conversation.

Thank you and look forward for your further cooperation with us.

Your Sincerely,

Dr. G. K. Chavhan
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Dr. B. S. Yadav
Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
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SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

cipal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (Ex. M.L.A.)

No. : Geog/05/2021-22 Date : 23/10/2021

Letter of Appreciation

It is to acknowledge that **Dr. Ratnaprabha Jadhav**, Associate Professor, Dept. of Geography, SNDT University Pune, delivered a lecture in **National Level Invited Talk** on **Census Data & Geographical Research as a Resource Person.** The said lecture took place on Saturday, **23rd October 2021 during 10.00 am to 12.30 pm** through virtual mode. The lecture was organized by Department of Geography of our college.

This is to present a certificate of appreciation for delivering a lecture and cooperating with us. We are really overwhelmed to listen to your lecture and thank you for your stimulating speech. We look forward for your further cooperation with us in future.

Your Sincerely,

Dr. G. K. Chavhan
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Dr. B. S. Yadav
Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somalya College of Arts, Commerce & Science,

Kopargaon

National Talk

On

"CENSUS DATA AND GEOGRAPHICAL RESEARCH"

Saturday 23rd October 2021: Time: 10:00am



Venue : Zoom Link (Online)

Organized by

Department of Geography

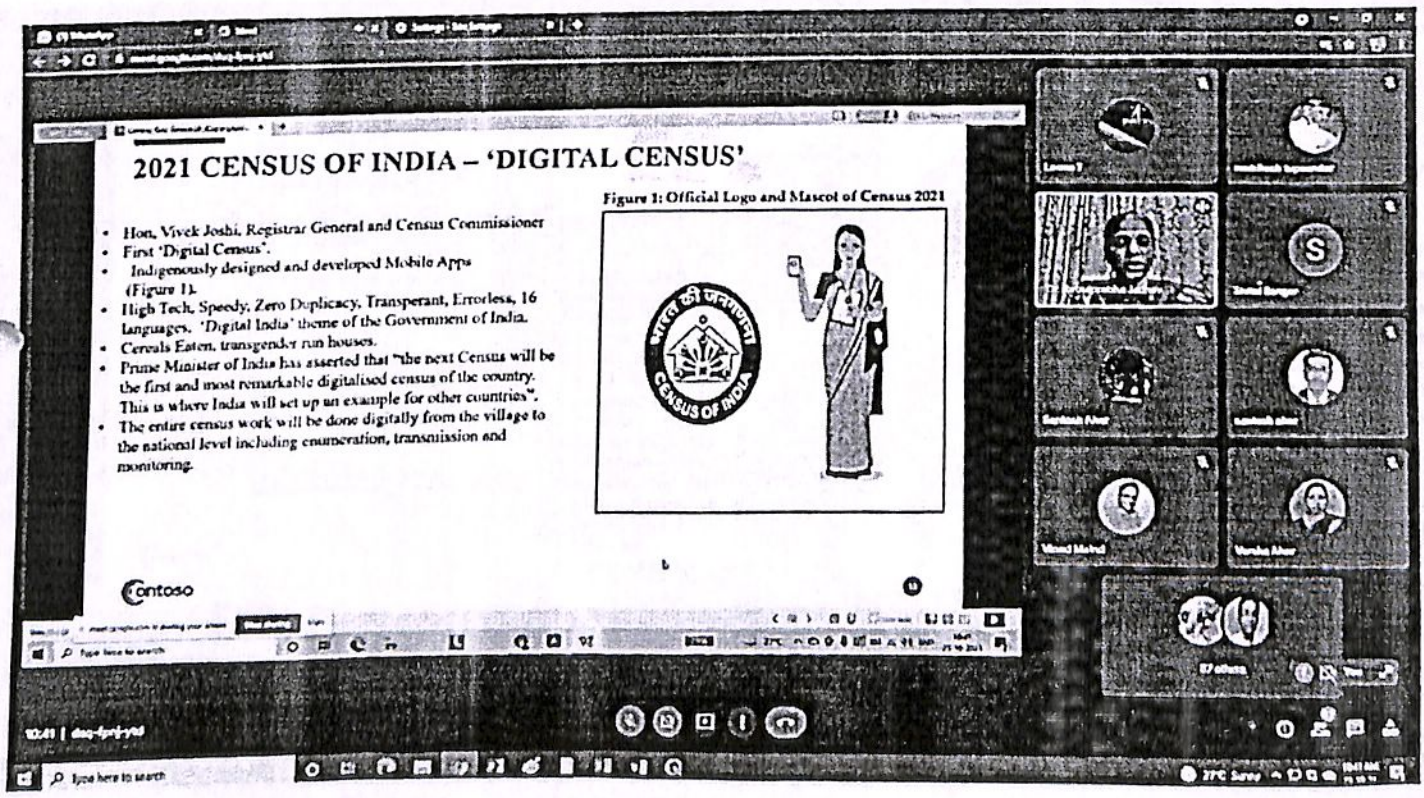


- **Inauguration** : Dr. G. K. Chavhan
  (Head Department of Geography)
- **Presidential Address:** Dr. B. S. Yadav
  (Principal, K, J, S, College)
- **Speaker** : Dr. Ratnprabha Jadhav
  (Associate Professor, Department of Geography. SNDT University Pune)
- **Vote of Thanks** : Dr. V. S. Salunke
- **Anchoring** : Prof. Leena Tribhuvan

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

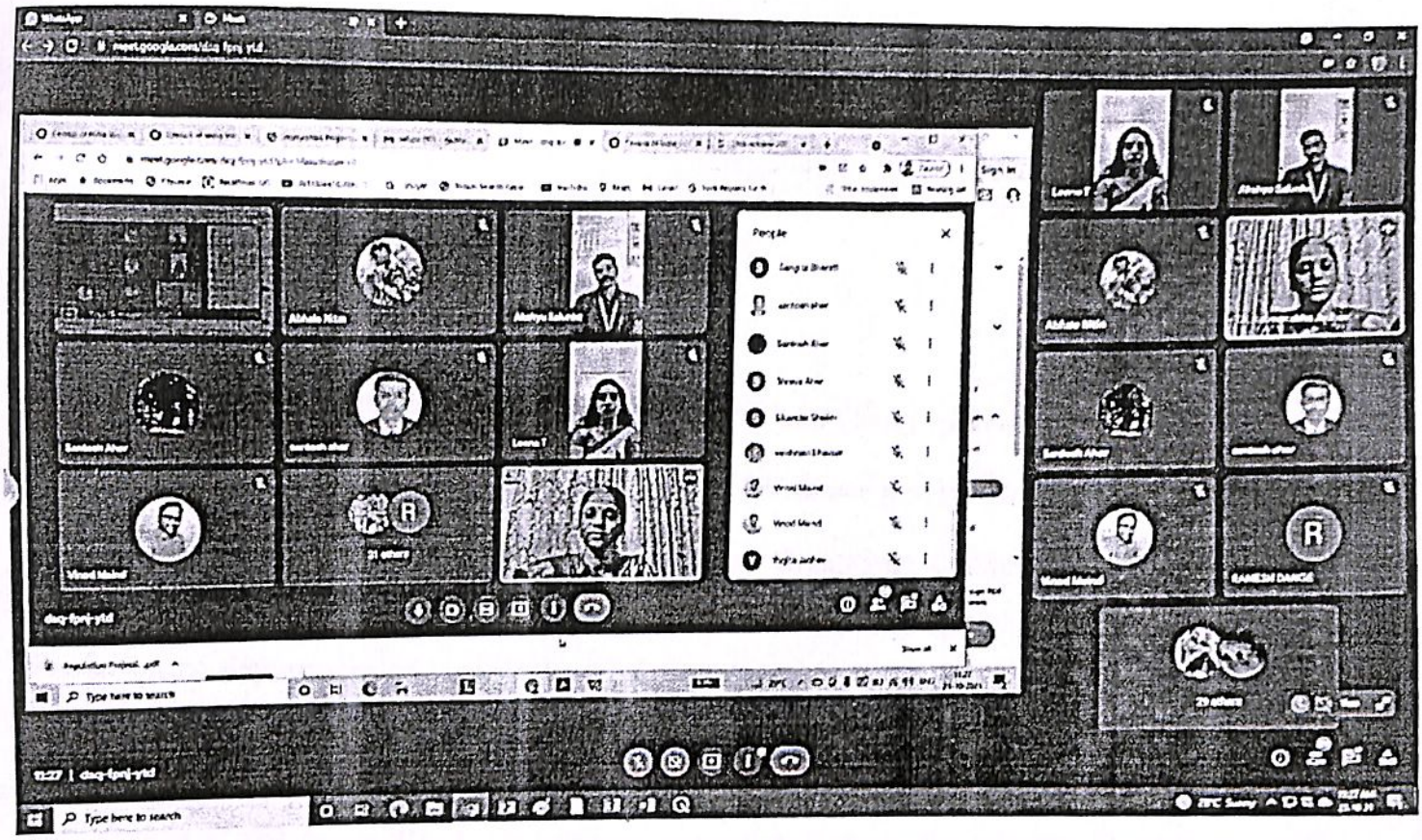
Photographs

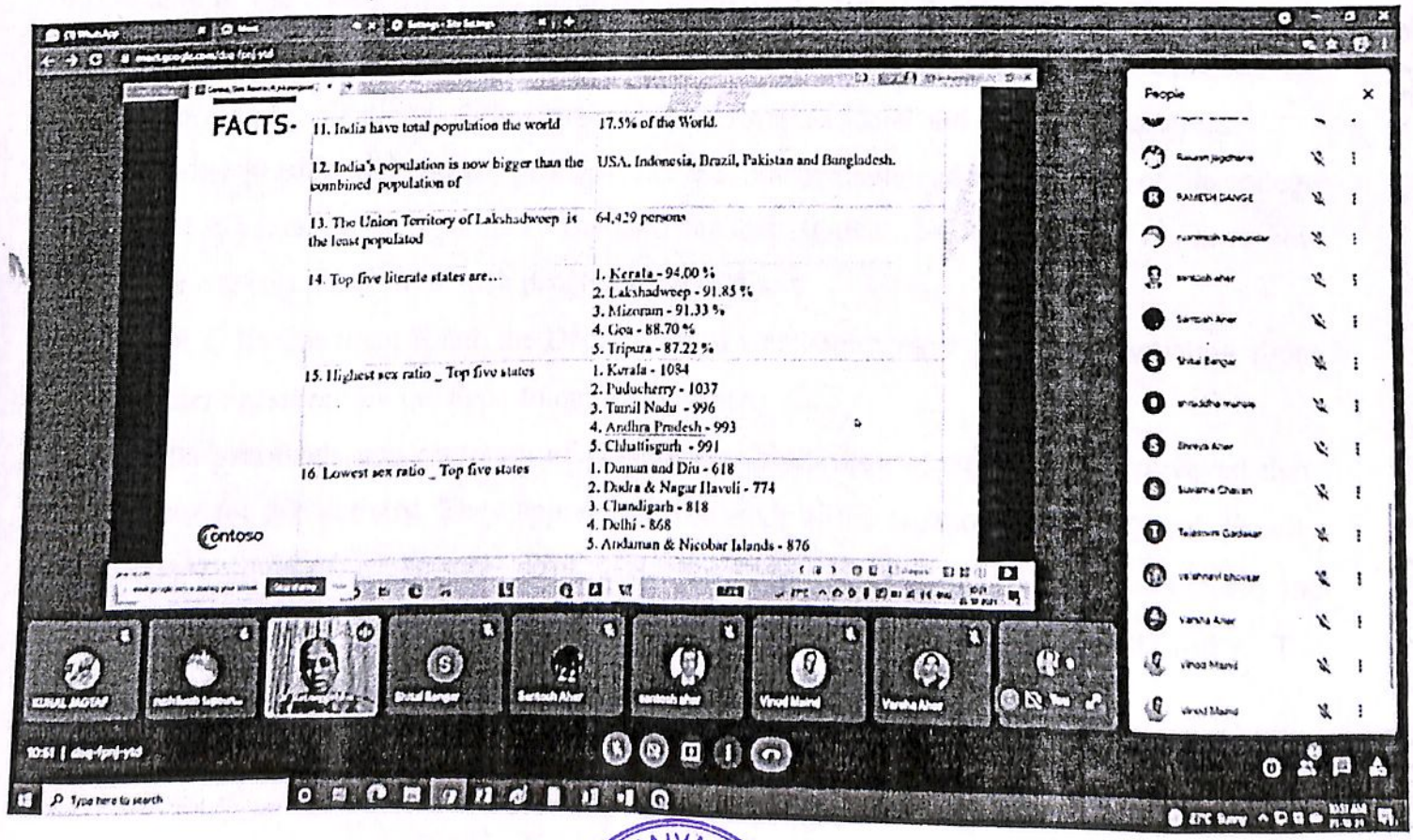




K. J. SOMAIYA COLLEGE
Dept. of Geography

Attendance online





K. J. SOMAIYA COLLEGE
Dept. of Geography

Report

Report on

National Invited Talk on "Census Data and Geographical Research"

Resource person: Dr. Ratnaprabha S. Jadhav

Department of Geography Research Centre Organizing Online Guest Lecture on the occasion of Census 2021. For this online guest lecture Dr. Ratnaprabha S. Jadhav, (Associate Professor of department of Geography, S.N.D.T. College, Pune Campus) was delivered lecture on "Census Data and Geographical Research" on 23rd October 2021.

In her speech she focused on how the Census data is important for research, and also the importance of the census lies in its being an integrated picture of society in a given time within numerous, multiple and continuous changes, the census provides a suitable database for comparisons and projections of demographic data as well as social and economic research.

In her presidential address principal Dr. B.S. Yadav explained the progress of the college in the recent years. He congratulated the staff for their student centric approach. He gave best wishes for the organization of such programmers in future.

Dr. G.K. Chavhan, Head, the Department of Geography, gave detailed information about programmer organized by the department for students.

The presidents and secretary of Kopargaon Taluka Education Society's conveyed their best wishes for this activity. They appreciated the work of the Geography Department. Faculty members Prof. Akash Sonawane, Prof. Rajendra Pawar, Prof. Santosh Aher, organized the programme whereas Prof Leena K. Tribhuvan played the role of anchor skillfully. The programme ended with vote of thanks proposed by Dr. Vasudeo S. Salunke.

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Geography

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Dated- 09/01/2022

Assignment

All Students in the Geography Department (MA/Msc-I) Sem II are required to submit their GGUT236-Geographical thought Assignment by 12/01/2022.

Head
Department of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

MCQ on

Londhe Gauri Sharadrao.
MA/MSc-II

Dualism in Geography.

1) The concept of 'Possibilism' is about ____.
A) Enviroment
B) Huminism / Human
C) Both (A) and (B)
D) None of the above

Ans - B) Huminism / Human.

2) The concept of 'Determinism' is about ____.
A) Enviroment
B) Human.
C) None of the above
D) Both (A) and (B)

Ans - A) Enviroment.

3) "There are no necessities, only possibilities". This approch of 'Possibilism' was the idea of ____.
A) Lucien fabre
B) Vidal-de-La Blanche
C) Alfred Hettner
D) None of the above

K.J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Ans - A) Lucien fabre.

4) Ellen C. simple's ideas were rooted in:
A) Possibilism
B) Enviromental Determinism
C) Probabilism.
D) None of the above

Ans - B) Enviromental Determinism.

5) 'Stop and go' this concept postulated by whom?
A) Humboldt
B) Jean Brunhes
C) Griffith Taylor
D) Ratzel

Ans- C) Griffith Taylor

6) 'stop and go' this concept also known as ____
A) Posibilism
B) Determinism
C) Neodeterminism
D) None of the above

Ans- C) Neodeterminism

7) Vidal de la Blanche was associated with which of the following schools of thought?
A) Stop and go determinism
B) Determinism
C) Modern determinism
D) Possibilism

Ans- D) Possibilism.

8) Who among the following geographers is associated with man-centered geography?
A) Ratzel
B) Semple
C) Jefferson
D) Huntington

Ans- Jefferson.

9) Which school of thoughts first developed the idea of possibilism?
A) British school
B) Germen school
C) Russian school
D) French school

Ans- D) French school.

10) Which of the following is an advocate of enviromental determinism?
A) Ellen Semple
B) Ian Burton
C) William Morris Davis
D) William Garrison.

Ans- A) Ellen Semple

11) The term Possibilism is coined by- - - - -
A) Febvre
B) Taylor
C) Blache
D) Hartshorne.

Ans- A) Febvre.

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

12) Enviromental determinism arose from the writing of - - -
A) Ellen Semple
B) Carl Ritter
C) Preston James
D) Ratzel

Ans- D) Ratzel

13) What geographic theory suggested that the land scape and climate dominated human actions and behaviors?
A) Enviromental determinism
B) Global environmentalism
C) Possibism
D) cultural ecology

Ans- A) Environmental determinism.

14) In the following which are the geographer present th concept of determinism?
A) Hipparcus
B) Karl Carl Ritter
C) Both (A) and (B)
D) None of the above

Ans- C) Both (A) and (B)

15) Bakil's famous Volume is _____
A) Republic
B) Geography incyclopedia.
C) Cosmos
D) The devlopment of culture in England.

Ans- D) The devlopment of culture in England.

16) Strabo's famous Volume is _____
A) Geography incyclopedia.
B) Republic
C) Both (A) and (B)
D) None of the above

Ans- A) Geography incyclopedia.

17) Jean Bodin's famous volume
A) Cosmos
B) Rebuplic
c) How to lie with maps
D) None of the above

Ans- B) Rebuplic.

18) The philosophies states that people are not just just pawns of the natural enviroment is
A) Environmentalism
B) Possibilism
c) Neo-determinism
D) None of the above

Ans- B) Possibilism.

19) Who among the following did not support the concept of enviromental determinism.
A) Ratzel
B) Davis
C) E. Huntington
D) None of thease

Ans- D) None of thease.

20) The early geographers believed in the philosophy of
A) Possibilism.
B) Determinism
c) Probabilism
D) None of the above

Ans- B) Determinism.

21) 'Enviromental Determinism' maintain.

A) The physical environment determines man's activities.

B) The economic resorces determines man's cultural activities

C) The physical enviroment partially determines man's Social and cultural activities

D) None of the above.

Ans- A) The physical environment determines man's activities.

22) Montesquieu from which country?

A) France

B) Afganistan

C) Austria

D) None of the above.

Ans- A) France.

23) Montesquieu's famous work is _____

A) The spirit of Laws.

B) The DESCent of Man

C) Both (A) and (B)

D) None of the above

Ans- A) The Spirit of Laws.

24) Febvre famous work is _____

A) A Geographical Introduction to History.

B) Geographica

C) only A.

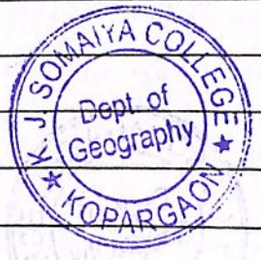
25) Ellsworth Huntington's famous book ——
A) Free Will?
B) The Principle of Human Geography.
C) The Most Real Being.
D) Causation, Freedom and Determinism

Ans- B) The Principle of Human Geography.

26) Carl o Sauer is —— geographer.
A) American
B) French
C) British
D) None of the above.

Ans- American Geographer.

27) According to possibilists, Nature is never more than an ——.
A) Supporter
B) Adviser
C) Both (A) and (B)
D) None of the above.



Ans- B) Adviser.

28) "Without Man Environment does not Exist". Who says that?
A) Spate
B) Charles Darwin
C) Alexander Von Humboldt
D) Aristotle

Ans- A) Spate.

29) Jean Brunches is ------ geographer

A) American

B) French

C) Indian

D) Greek.

Ans- B) French Geographer.

30) kirchok give the concept of ---

A) Possibilism

B) Determinism

C) Neo determinism

D) All of the above.

Ans- A) Possibilism.

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 2021931369181

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ONLINE COURSE

यह प्रमाणपत्र

MR. KIRAN BHASKAR SONAWANE

को " जैव विविधता संरक्षण योजना हेतु भू-सूचना विज्ञान "

में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 06 दिसम्बर, 2021 से 17 दिसम्बर, 2021 (कुल पाठ्यक्रम की अवधि = 9 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ़ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS

AWARDED TO

MR. KIRAN BHASKAR SONAWANE

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Geo-informatics for Biodiversity Conservation Planning"

THIS ONLINE COURSE WAS CONDUCTED DURING **06-12-2021 to 17-12-2021** (Total course duration was = 9 hours).

(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Date: 23-12-2021
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 2021931361595

CERTIFICATE OF PARTICIPATION IN

ONLINE COURSE

यह प्रमाणपत्र

MR. KIRAN MAHENDRA MEHERKHAMB

को "जैव विविधता संरक्षण योजना हेतु भू-सूचना विज्ञान"

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THIS CERTIFICATE IS

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MR. KIRAN MAHENDRA MEHERKHAMB

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K. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Date: 23-12-2021
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/Institution

Principal
K. Somaiya College of Arts
Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

K.J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Geography

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

YouTube lecture

Geography YouTube Lectures – Vasudha MPSC Yutube Chanel

Dr.Vasudev Salunke has uploaded More than 76 Geography Videos Lecture on yutube platform.

FYBA Geography (2019 Pattern)

Subject-Principles of Physical and Human Geography

Sr.No.	Name of Subject	Link of Yutube Video Lecture
1	Introduction to Physical Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3117
2	Lithosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3122
3	Atmosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3132
4	Hydrosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3134
5	Introduction to Human Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3138
6	Population	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3145
	Human Settlements	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3149
7	Agriculture	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3510
8	Map :Introduction, Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3701
9	Scale :Definition and Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/4098

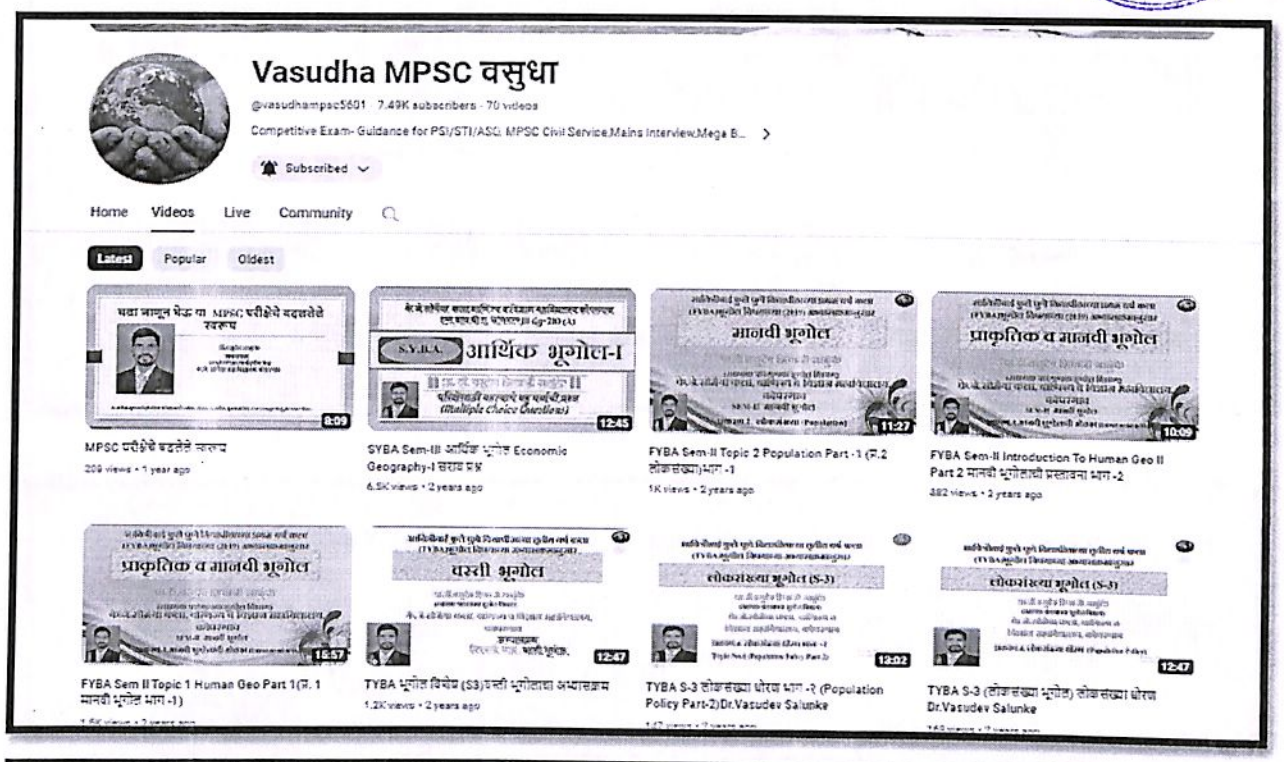
FYBA GeographyFYBA Geography (2013 Pattern)

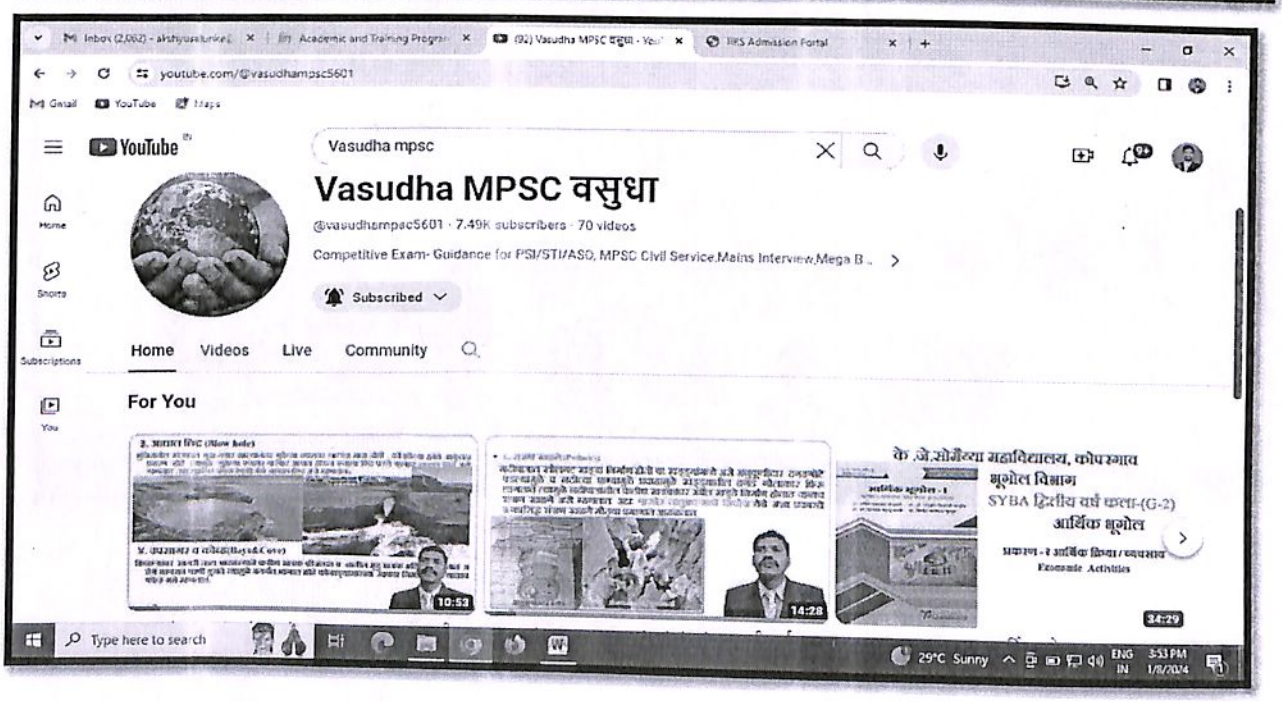
Subject-Elements of Geomorphology

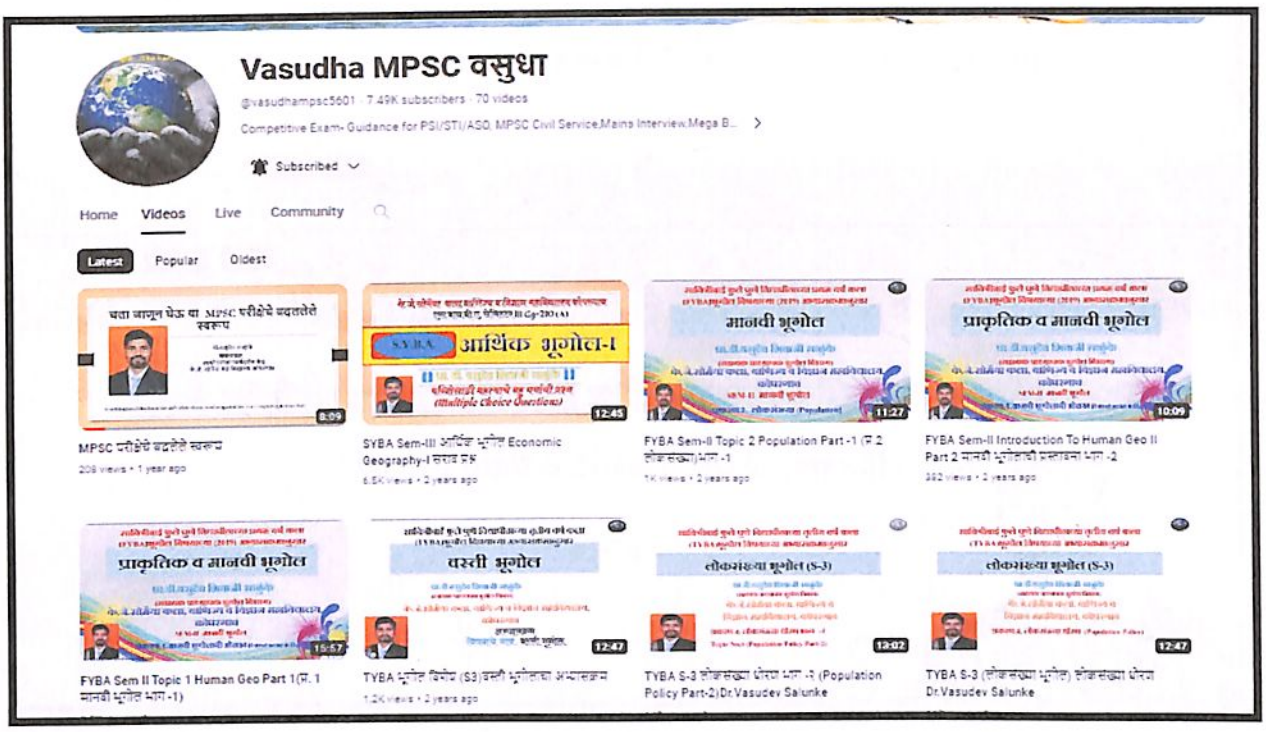
Topic No.	Name of Topics	Yutube Links
Topic 1	Introduction to Geomorphology	https://youtu.be/5D7JL-HUc_k
Topic 2	Fundamental Concepts of Earth	https://youtu.be/UCi9Utpigew
Topic 3	Interior of Earth	https://youtu.be/n7bLIINdjsQ
Topic 4	Rocks	https://youtu.be/A1RHTocZxWU
Topic 5	Diastrophic Movements	https://youtu.be/F8k68zDP1XU
Topic 6	Weathering	https://youtu.be/NddQ_Y5U_0g
Topic 7	Earthquakes and Volcanoes	https://youtu.be/dmXYPpSK1I0

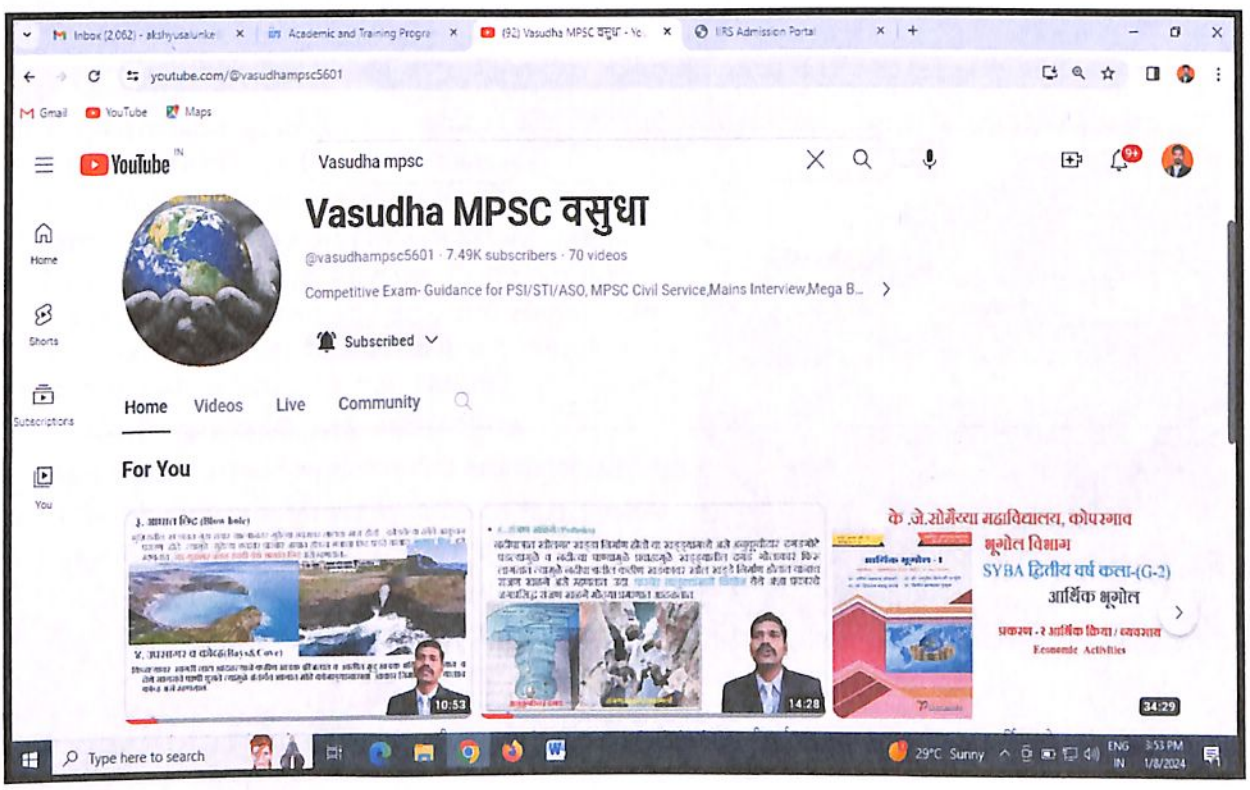
		https://youtu.be/RgsQSeUO8ok
Topic 8	Erosional and Depositional landforms by River and Sea waves	https://youtu.be/zf2-taDDd9o
		https://youtu.be/oxmXhjmYRBQ
Topic 9	Mass Movements	https://youtu.be/FHXmfX4o8rs
Topic 10	Applied Geomorphology	https://youtu.be/90VTdKHSbEk

Some videos are uploaded for students who prepared for Competitive Exam Guidance.









K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

सावित्रीबाई फुले पुणे विद्यापीठाच्या प्रथम वर्ष कला (FYBA) अभ्यासक्रमानुसार

भुरुपशास्त्राची मूलतत्वे

प्रा.डॉ.वसुदेव शिवाजी साबुंके

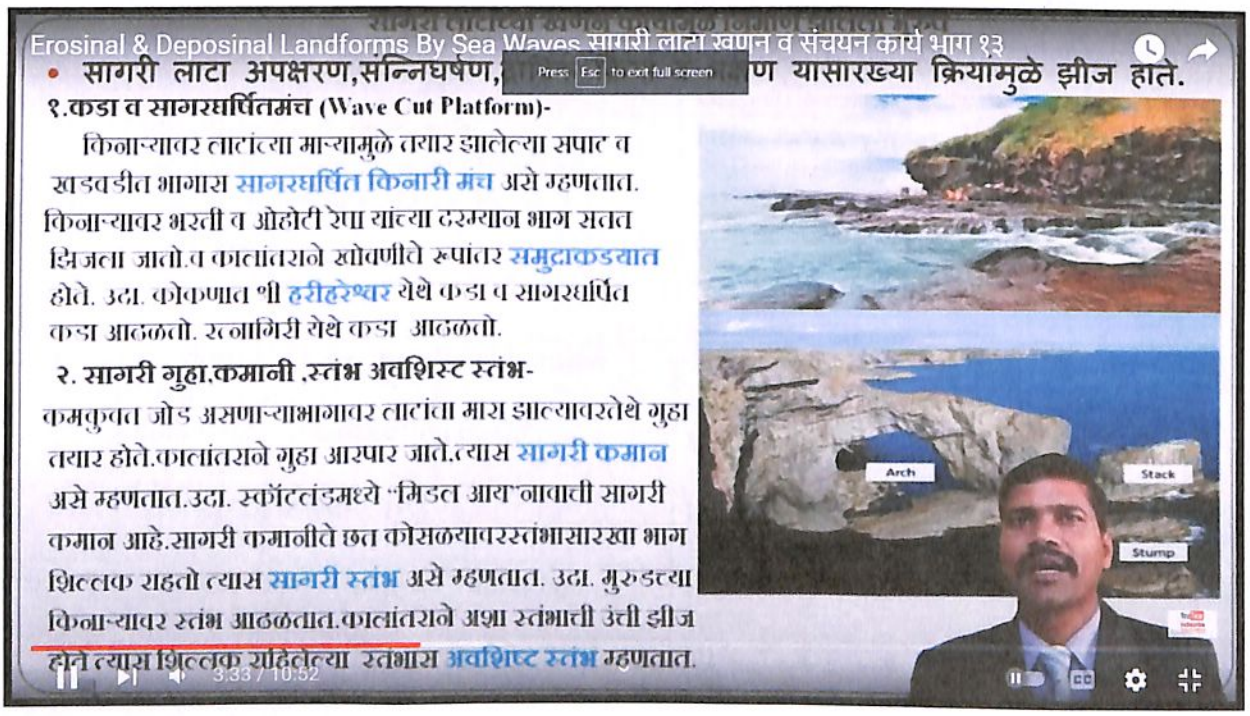
(सहायक प्राध्यापक भूगोल विभाग)

के.जे.सोमैया कला,वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव

प्र. ७ खणन व संचयनकारके (सागरी लाटा)

भाग -१३

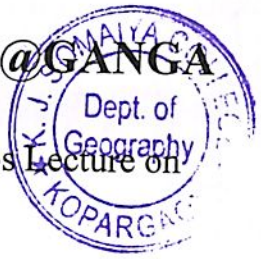




K. J. SOMAIYA COLLEGE * KOPARGAON
Dept. of Geography

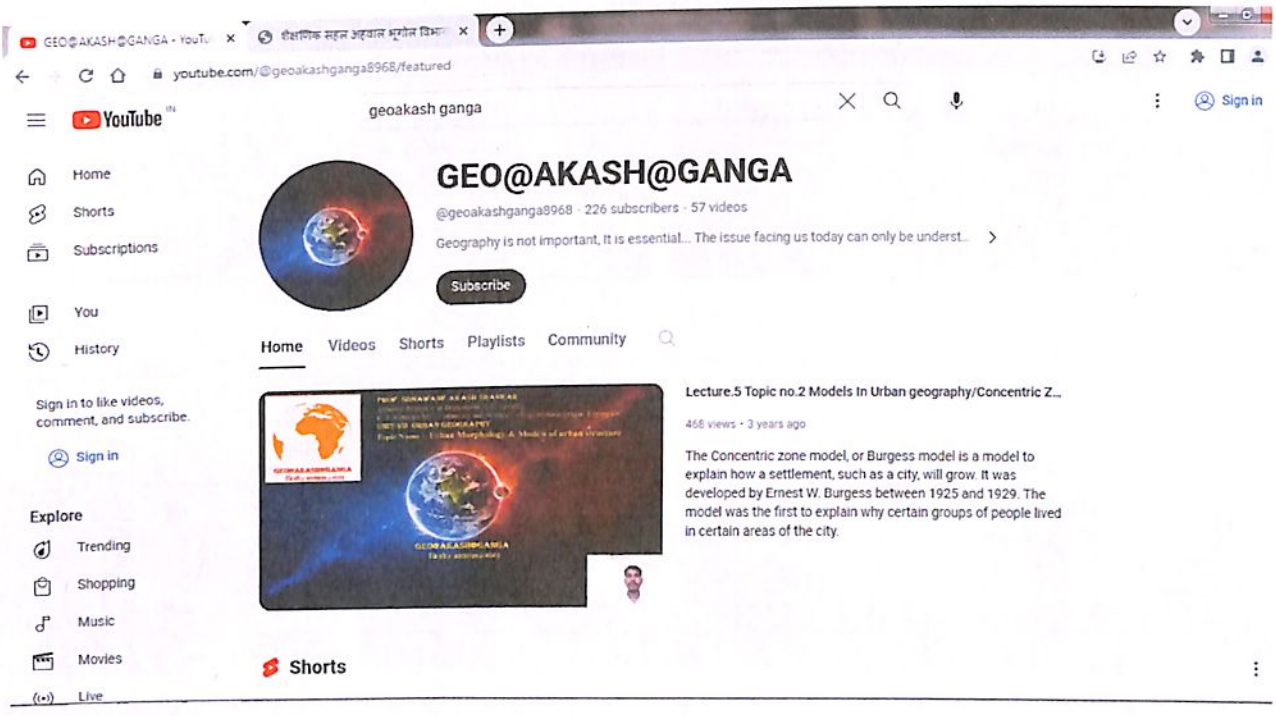
Geography YouTube Lectures – GEO@AKASH@GANGA YouTube Chanel

Mr.Akash Sonawane has uploaded More than 57 Geography Videos Lecture on YouTube platform



BA Geography MA/Msc Geography (2019 Pattern)

Sr.No	Name of Subject	Link of YouTube Video Lecture
1.	Models In Urban geography/Concentric Zone Model.	https://www.youtube.com/@geoakashganga8968/featured
2.	Population study	https://www.youtube.com/watch?v=CW4Qz8HeSrc
3.	Human migration	https://www.youtube.com/watch?v=P_q06HeXhXk
4.	Human resources	https://www.youtube.com/watch?v=FMmdjm1-KIA
5.	Commercial Geography	https://www.youtube.com/watch?v=6dYCqqgeo18
6.	Urban Demography	https://www.youtube.com/watch?v=wRujwxl6wdc
7.	Density of population in cities	https://www.youtube.com/watch?v=OzN5aKgpPNE
8.	Commercial Geography- II	https://www.youtube.com/watch?v=gkEIDB6iGrE
9.	Importance of Commercial Geography & Approach in commercial Geography	https://www.youtube.com/watch?v=2NTem_oytNc
10.	Nature and Scope of Commercial Geography	https://www.youtube.com/watch?v=QVt9_MtAE_U
11.	Introduction of Commercial Geography	https://www.youtube.com/watch?v=T_VrUGa4HY4
12.	Previous NET Examination Question Paper	https://www.youtube.com/watch?v=33zH63a8anU
13.	Functional Classification of City	https://www.youtube.com/watch?v=DkpYVm96sWM
14.	Characteristics of CBD	https://www.youtube.com/watch?v=AHynVKXU0EA
15.	Multiple Nuclei Model / Harris and Ullman Model	https://www.youtube.com/watch?v=zKarwBF2WG0
16.	Models of Urban Structure, Sector Model or Hoyt Model	https://www.youtube.com/watch?v=Ck1R10F497A
17.	Nature and Scope of Urban Geography	https://www.youtube.com/watch?v=8Z6l4T0yUXE
18.	Introduction to Urban Geography	https://www.youtube.com/watch?v=B-WhQB2NFpk
19.	MA MSc Geography, UPSC, NTA NET, SET Examination Syllabus differance	https://www.youtube.com/watch?v=nxvO78V1oQ4
20.	Introduction of Geography and Opportunity in Geography	https://www.youtube.com/watch?v=SPsKyWzjdfM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Geography is not important, It is essential... The issue facing us today can only be underst...
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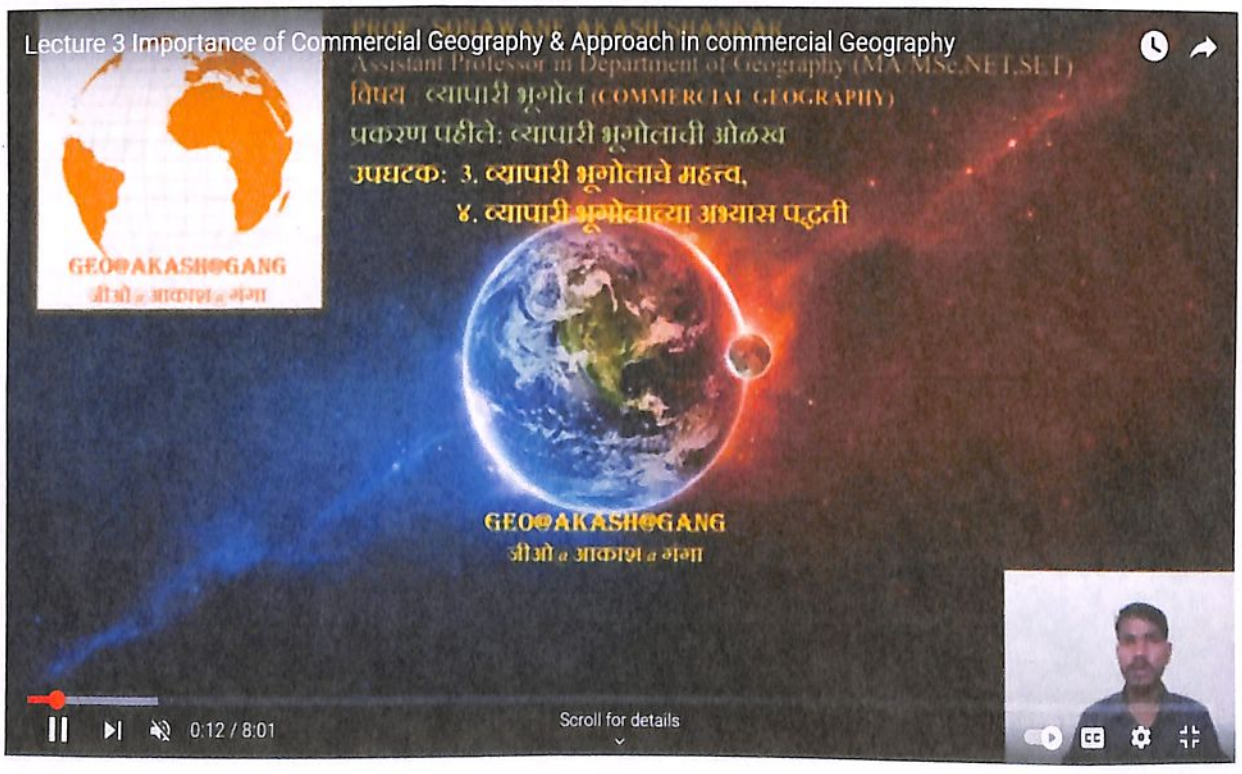
Lecture.5 Topic no.2 Models In Urban geography/Concentric Z...
466 views · 3 years ago
The Concentric zone model, or Burgess model is a model to explain how a settlement, such as a city, will grow. It was developed by Ernest W. Burgess between 1925 and 1929. The model was the first to explain why certain groups of people lived in certain areas of the city.
Shorts


Lecture 3 Importance of Commercial Geography & Approach in commercial Geography
Assistant Professor in Department of Geography (MA,MSc,NET,SET)
विषय : व्यापारी भूगोल (COMMERCIAL GEOGRAPHY)
प्रकरण पहीले: व्यापारी भूगोलाची ओळख
उपघटक: 3. व्यापारी भूगोलाचे महत्त्व,
४. व्यापारी भूगोलाच्या अभ्यास पद्धती
GEO@AKASH@GANG
जीओ @ आकाश @ गंगा
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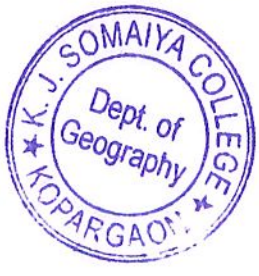
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Lecture no.8 Topic no.4

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Lecture no.5 Topic no.4 Commercial Geography

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Lecture no: 16 Topic No.5 Urban Demography

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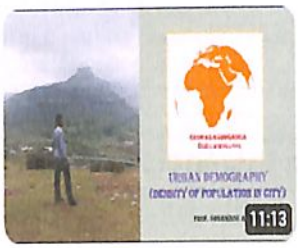

Lecture no.15 Topic no. 4 Density of population in cities

60 views • 3 years ago



Lecture no 4 Topic no 2 Commercial Geography

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What is a Geography ?

The word **'Geography'** originates from two Greek words. The first is **'Geo'** which means the **'Earth'** and the second Greek word is **'Graphy'** which means to **'Write'** or **'Explanation'.**

The ancient Greek scholar **Eratosthenes** is commonly called the **"Father of Geography"** for he was first to use the word **"Geography".**

Geography is the study of the interaction between people and their environments, both natural and human.



SOMAIYA COLLEGE
Dept. of Geography

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

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Department of Geography

M.A./M.Sc. Geography

List of PPTs

Year – 2021/2022

Topic No.	Name of Topics
PPT 1	Climatic Regions-Tundra,Taiga,China
PPT 2	Climatic Regions-Mediterranean
PPT 3	Tropical and Temperature Cyclones-Development and Distribution
PPT 4	Thunderstorm ,Tornados ,polar Vortex ,Cold wave ,El-Nino, La-Nino
PPT 5	Climatic Regions – Tropical, Deserts, Temperate Grasslands, Monsoon
PPT 6	Climatology Part – II –Jet – Streams, Air mass, Fronts
PPT 7	Climatology – Rainfall Types and Wind Types
PPT 8	Climatology – Atmosphere Structure Aurora
PPT 9	Climatology – Heat budget Temperature inversion
PPT 10	Common Remote Sensing GIS
PPT 11	GPS
PPT 12	GPS(2)
PPT 13	Image enhancement
PPT 14	Introduction to remote sensing
PPT 15	Remote sensing basics & Application
PPT 16	Tides - GIS
PPT 17	Vegetation Application
PPT 18	Ocean Resources , EEZ , petroleum reserves , polymetalic nodules
PPT 19	Coral Reefs and Marine Pollution
PPT 20	Ocean Currents, Waves and Upwelling
PPT 21	Ocean Tides and Major Ports of India.
PPT 22	Ocean Temperature Annual and Diurnal Variations
PPT 23	Ocean Water salinity and salt water budget
PPT 24	Indian Geography – Steel and Cement Industries

PPT 24	Indian Geography – Steel and Cement Industries
PPT 25	Minerals reserves – Iron, Copper, Oxide, Mica, Coal
PPT 26	Petroleum and Gas Reserves, International
PPT 27	Nuclear Energy in India – uranium, Thorium, Civil nuke liability law
PPT 28	Indian Livestock – Dairy and fishery sector – inland v/s deep ocean fish
PPT 29	Irrigation types for gas and fertilizers. Organic farming
PPT 30	Agro modernization – green Revolution, Extension Services and marketing
PPT 31	Agriculture land issues land reforms for mains
PPT 32	Soil of India and land use pattern

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts,Commerce and Science College, Mohanirajnagar Kopargaon,Dist-Ahmednagar

Student Centric Activity

Department of Geography Academic Year-2022-23

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	A. Practical		
		B. Dissertation		02
2.	Participative Learning	A. Student Seminar	29/09/2022	21
		B. Study Tour (Nighoj)	10/01/2023	41
		D. Study Tour (Akole)	26/04/2023	41
3.	Problem Solving Methods	A. Assignments	07/01/2023	21
		B.IIRS Short Term Course	25/11/2022	11
4.	ICT Based Teaching Methods	A. Yutube Lecture		
		B. PPT List		

Dr. V. S. Salunke

Dr. G. K. Chavhan
Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

"Kopargaon Taluka Education Society's"

K. J. SOMAIYA COLLEGE OF ART's, COMMERCE & SCIENCE

Mohanirajnagar, Kopargaon, Dist.Ahmednagar - 423 601

CERTIFICATE

DEPARTMENT OF GEOGRAPHY

This is to certify that Shri./ Smt. Chine Nilesh Ashok

Roll No. 06., has satisfactory carried out the required practical work, presented by the Savitribai Phule Pune University, Pune for M.A./M.Sc. Part I / II, Semester : I / II / III / IV, course in Geography and that this journal represents his / her bonofied work in the year: 2022- 2023

Exam Seat No. :

Date : / /20

Practical In charge (Leena Tribhuvan.)

External Examiner (Chudhari C.B.)

Head
Department of Geography
K. J. Somaiya College

❖ INDEX ❖

Sr. No.	Title	Page No.	Date	Signature of Authority	Remark
1.	chapter No 1 Aerial Photogr	-			
2.	aphy				
3.	Types of Arial Photographs				
4.	mesarment area.				
5.	Area measurment for				
6.	irregular shape				
7.	MEASURNENT of DISTANCE				
8.	DETERNINATION of SCALE				
9.	Interptetaltion of Arial photo-				
10.	graph				
11.	overlap Aria of arial photo				
12.	graph				

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completed

❖ INDEX ❖

Sr. No.	Title	Page No.	Date	Signature of Authority	Remark
1.	chapter No 1 Aerial Photogr	-		Leeq	
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6.	irregular shape				
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11.	overlap Aria of arial photo			Leeq	
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❖ INDEX ❖

Sr. No.	Title	Page No.	Date	Signature of Authority	Remark
1.	(2) chapter - GIS FUNDAMENTAL				
2.	1) GIS DATAmodels				Complete
3.	ii) Spatial Date Models				
4.	iii) Spatial data.				
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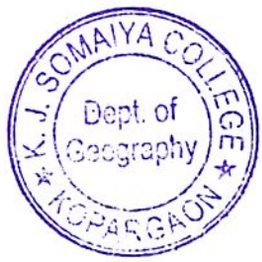

MA / MSc -II Geography

Research Topic

2022-2023

Sr. no.	Name of the student	Title of the Project & Dissertation	Name of the Guide
1	Miss. Joshi Akshada Pralhad	"Study Of Changing Face Of Kopargaon City Based On Area and Population" (1960 To 2021).	Dr. G. K. Chavhan
2	Miss. Waykhinde Anjali Sanjay	"Study of women literacy in Ahmednagar district"	Dr. G. K. Chavhan

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

This is inform to all MA/M.Sc Geography students that the Department of Geography has organized students seminar on 21/09/2023 at 10:30 a.m. at Class Number - 50. All the students are requested to present on scheduled date.

Topics for Presentation (Any one)

1. Demographic Transition Theory
2. Malthusian Theory
3. Fertility: Definition, Causes and Measures
4. Mortality: Definition, Causes and Measures

Dr. G. K. Chacher
Name of Teacher

Head
Department of Geography
K. J. Somaiya College, Kopargaon

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Dept. of Geography

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist.-Ahmednagar

Department of Geography

Student Seminar

2022-2023





K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

कोपरगाव तालुका एज्युकेशन सोसायटी

के.जे. सोमैया कला, वाणिज्य व विज्ञान,महाविद्यालय,कोपरगाव.

शैक्षणिक सहल भूगोल विभाग

2022-2023

(कोपरगाव – बेल्हे- टाकळी ढोकेश्वर – कान्हूर पठार – वडगाव दर्या पिंपळगाव रोठे - देवी भोयरे फाटा – निघोज - पारनेर (राळेगणसिद्धी) – हिवरे बाजार अहमदनगर – कोपरगाव)

K.J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

प्रति,

मा. प्राचार्य

के.जे. सोमैया कॉलेज कला, वाणिज्य व विज्ञान

महाविद्यालय,मोहनीराजनगर,कोपरगाव.

विषय : भूगोल विभाग शैक्षणिक सहलीस परवानगी मिळण्याबाबत...

मा. महोदय,

वरील विषयास अनुसरून आपल्या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल दिनाक: 10/ 01 /2023 रोजी आयोजित केली आहे. सदर सहलीचा प्रवास मार्ग पुढील प्रमाणे कोपरगाव – वेल्हे- टाकळी ढोकेश्वर – कान्हूर पठार – वडगाव दर्या - पिंपळगाव रोठे - देवी भोयरे फाटा - निघोज - पारनेर (राळेगणसिद्धी) – हिवरे बाजार - अहमदनगर – कोपरगाव असा असून, तरी आपण सदर शैक्षणिक सहलीस परवानगी द्यावी ही विनंती.

कळावे,

आपला विश्वास्,

डॉ. जी. के. चव्हाण

भूगोल विभाग प्रमुख

Head

Department of Geography

K. J. Somarya College, Kopargaon

K.J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Geography

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 Email ID : kjscollege@rediffmail.com, Website : kjscollege.com

NAAC ACCREDITED 'A' GRADE | AN ISO 9001-2015 CERTIFIED INSTITUTE
SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) | Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No : 2685/2022-23

Date : 7 / 1 /2023

प्रति,

मा. आगार प्रमुख साहेब,

कोपरगाव आगार

ता कोपरगाव.

विषय- शैक्षणिक सहलीसाठी बस मिळणे बाबत ...

मा. महोदय,

वरील विषयास अनुसरून अर्ज करतो कि, आमच्या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल कोपरगाव - बेल्हे- टाकळी ढोकेश्वर - कान्हूर पठार - वडगाव दर्या - पिंपळगाव रोठे - देवी भोयरे फाटा - निघोज - पारनेर (राळेगणसिद्धी) - हिवरे बाजार - अहमदनगर - कोपरगाव या मार्गाने जाणार असून, त्यासाठी दिनाक 10/01/2023 रोजी आपल्या आगारची एक बस मिळावी ही नम्र विनंती.

कळावे,

सोबत: विद्यार्थी यादी व शिक्षक यादी दोन प्रतीमध्ये पाठवत आहोत.

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

आपला विश्वास्,

(डॉ. बी. एस. यादव)

प्राचार्य

Principal

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon Pin-423601, Dist. Ahmednagar

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
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Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) | Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 685 / 2022-23 Date : 7/ 1 /2023

प्रति,

मा. आगार प्रमुख साहेब,

कोपरगाव आगार

ता .कोपरगाव

विषय- शैक्षणिक सहलीसाठी बस मिळणे बाबत ...

मा. महोदय,

वरील विषयास अनुसरून अर्ज करतो कि, आमच्या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल दिनांक 10/01/2023 रोजी आयोजित केली आहे. सदर सहलीचा प्रवास मार्ग पुढील प्रमाणे कोपरगाव – बेलापे- टाकळी ढोकेश्वर – कान्हूर पठार – वडगाव दर्या – पिंपळगाव रोठे - देवी भोयरे फाटा - निघोज - पारनेर (राळेगणसिद्धी) – हिवरे बाजार - अहमदनगर – कोपरगाव या मार्गाने जाणार असून, तरी सदर शैक्षणिक सहलीस परवानगी देत आहोत.

कळावे,

सोबत: विद्यार्थी यादी व शिक्षक यादी दोन प्रतीमध्ये पाठवत आहोत.

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

आपला विश्वासू

(डॉ. बी. एस. यादव)

प्राचार्य

Principal

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon Pin-423601, Dist. Ahmednagar

Kopargaon Taluka Education Society

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF GEOGRAPHY

Study Tour Students List

Date: 10/01/2023

Sr. no	Name of the Students	Class	Date of Birth	Age
1.	Dabhade Shital Kashinath	MA/ MSC-I	02\02\2001	21
2.	Deshmukh Pragiti Durgesh	MA/ MSC-I	19\12\2000	22
3.	Dhikle Bharti Dnyaneshwar	MA/ MSC-I	28\07\2001	21
4.	Dhikle Rohit Sanjay	MA/ MSC-I	25\11\2001	21
5.	Gangurde Bhagshree Ashok	MA/ MSC-I	21\01\2001	21
6.	Jadhav Sonal Prakash	MA/ MSC-I	07\08\2001	21
7.	Kulkarni Dhanshree Santosh	MA/ MSC-I	02\11\2002	20
8.	Jundhare Dnyaneshwar Sopan	MA/ MSC-I	23\06\2000	22
9.	Kakde Rahul Prabhakar	MA/ MSC-I	19\06\1999	23
10.	Sable SakshiMadhukar	MA/ MSC-I	19\03\2002	20
11.	Sandhan Priyanka Shivaji	MA/ MSC-I	17\03\2002	20
12.	Vidya Archna Paraji	MA/ MSC-I	04\09\2001	21
13.	Londhe Gauri Sharadrao	Geoinformatics	23\12\98	24
14.	Bangar Shital Rajendra	Geoinformatics	29\03\98	24
15.	Holkar Dhanta Himatrao	Geoinformatics	26\07\99	23
16.	Wabale Pratiksha Nanasaheb	Geoinformatics	26\09\2000	21
17.	Mokal Pradnya Ravindra	Geoinformatics	14\02\2002	20
18.	Mokal Pratiksha Mukesh	Geoinformatics	01\12\2001	21
19.	Dange Poonam Jalindar	Geoinformatics	31\07\1998	24
20.	Adhav Shital Sunil	S.Y.B.A	18\11\2003	19
21.	Bhalerao pratiksha Santosh	S.Y.B.A	09/03/2004	18
22.	Bansode Aditya Balasaheb	S.Y.B.A	09/05/2003	19
23.	Rokde Gaytri Bhausaheb	S.Y.B.A	06/06/2003	19
24.	Kekan Vaibhav Balasaheb	S.Y.B.A	02/05/2003	19
25.	Jadhav Aditya Devidas	S.Y.B.A	17/06/2003	19
26.	Kotkar Nikita Ratnakar	S.Y.B.A	01/01/2002	20
27.	Jadhav Yogita Baban	MA/MSc-I	15/02/2001	21
28.	Naik Abhishek Arun	S.Y.B.A	15/03/2003	19

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29.	Chavhan Sajan Anil	S.Y.B.A	04/07/2003	19
30.	Jadhav Gauri Dilip	S.Y.B.A	05/10/2003	19
31.	Pathan Ayan Aalim	S.Y.B.A	03/04/2003	19
32.	Desale Samadhan Suresh	MA/MSc 1	24/08/2000	21
33.	Harachandra Rachna Sanjay	S.Y.B.A	17/04/2003	19
34.	Kamble Sakshi Rajedra	S.Y.B.A	05/03/2003	19
35.	Amrutakar Pratiksha Arun	S.Y.B.A	22/09/2003	19
36.	Zurale Pooja Arun	S.Y.B.A	03/03/2004	18
37.	Zurale Omkar Narayan	S.Y.B.A	16/12/2003	19
38.	Gursal Nishant Khusharam	S.Y.B.A	18/12/2003	19
39.	Boravke Sonali Vijay	S.Y.B.A	07/09/2002	20
40.	Deshmukh Rutika Machindra	S.Y.B.A	14/12/2003	19
41.	Jadhav Dnyanshwer Bhausaheb	S.Y.B.A	15/10/2002	20

Name of the Staff

Sr. no	Name of the Staff	Designation
1.	Dr. Vasudev S. Salunke	Associate Professor in Department of Geography
2.	Prof. Akash S. Sonawane	Assistant Professor in Department of Geography
3.	Dr. Leena K. Tribhuvan	Assistant Professor in Department of Geography
4.	Prof. Rajendra A. Pawar	Assistant Professor in Department of Geography
5.	Prof. Santosh D. Aher	Assistant Professor in Department of Geography
6.	Mr. Amol A. Dange	Lab Assistance in Department of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE * Dept. of Geography * KOPARGAON

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

Kopargaon Taluka Education Society

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF GEOGRAPHY

S.Y.B.A- Study Tour 2022-23

Date: 10/01/2023

Sr. no	Name of the Students	Mobile no Self	Father Mob no	Address	In-Sign	Out
1	Adhav Shital Sunil	8605128314	9021585077	KhadkiKopargaon		
2	Amrutakar Pratiksha Arun	8625066929	9921263792	Lkshminagar		
3	Bansode Aditya Balasaheb	7820933073	8847700720	Shirdi		
4	Bhalerao pratiksha Santosh	7588513105	9765771671	NimgaonKorhali		
5	Boravke Sonali Vijay	9529107477	9699379690	Douchkhurd.		
6	Chavhan Sajan Anil	9604637572	9172757272	Kopergaon		
7	Deshmukh Rutika Machindra	9022760108	9325851327	[illegible]		
8	Gursal Nishant Khusharam	7620905631	9921691341	Douchkhurd.		
9	Harachandra Rachna Sanjay	8975800567	8975713177	JeurPatoda		
10	Jadhav Aditya Devidas	7083217982	-	Bramhangaon		
11	Jadhav Dnyanshwer Bhausaheb	9309135311	-			
12	Jadhav Gauri Dilip	9405815703	9011516634			
13	Kamble Sakshi Rajedra	9356172614	9209060950	Gandhi nagar		
14	Kekan Vaibhav Balasaheb	7666198950	-	JeourPatoda		
15	Kotkar Nikita Ratnakar	9730733665	8308690912	Kopergaonsai city		
16	Naik Abhishek Arun	7028603770	-	Suregaon Road		
17	Pathan Ayan Aalim	7796366207	-	Kopergaon		
18	Rokde Gaytri Bhausaheb	7447453329	9067163952	Shirdi		
19	Jadhav Yogita Baban	866858				
20	Desale Samadhan Suresh	9172769316				
21	Zurale Omkar Narayan	7385516500	9637691774	Mohnirajnagar Kop.		
22	Zurale Pooja Arun	8793520777	9637691774	Mohnirajnagar kop.		

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DEPARTMENT OF GEOGRAPHY

GIS Study Tour 2022-23

Date: 10/01/2023

Sr. no	Name of the Students	Mobile no Self	Father Mobile no	Address	In Sign Out
1.	Londhe Gauri Sharadrao	9851884111	9852884111	Sai Nagar Kopargaon	
2.	Bangar Shital Rajendra	8830398471	9822284510	Pimplas Road Rahata	
3.	Holkar Dhanta Himatrao	7776075863	9422723793	Nandurkhi Road Shirdi	
4.	Wabale Pratiksha Nanasaheb	7766897314	9503444257	Suregaon,	
5.	Mokal Pradnya Ravindra	9373197493	9960072623	Kolpewadi	
6.	Mokal Pratiksha Mukesh	7420996971		velapur	
7.	Dange Poonam Jalindar	8668301430	9860745406	Pohgaon	

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Kopargaon Taluka Education Society

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF GEOGRAPHY

MA/ MSC-I Study Tour

Date: 10/01/2023

Sr. no	Name of the Students	Mobile no Self	Father Mob no.	Address	In-Sign out	
1.	Dabhade Shital Kashinath	9356089956	7020299711	Kokamthan		
2.	Deshmukh Pragiti Durgesh	8788935285	9922194139	Kokamthan		
3.	Dhikle Bharti Dnyaneshwar	7038956531	8605739657	Nashik		
4.	Dhikle Rohit Sanjay	7038269261	9370703809	Nashik		
5.	Gangurde Bhagshree Ashok	9552511830	9049479352	Nashik		
6.	Jadhav Sonal Prakash	9175572710	9823740667	Nashik		
7.	Kulkarni Dhanshree Santosh	7038956531	9923029441	Kopargaon		
8.	Jundhare Dnyaneshwar Sopan	7796579070	9890726335	Kolgaon mal		
9.	Kakde Rahul Prabhakar	9561522595	7498441303	Pathare sinner		
10.	Sable Sakshi Madhukar	9209276294	9404971978	Sawanstar		
11.	Sandhan Priyanka Shivaji	9309755900	8805090741	Rui, Shirdi		
12.	Vidya Archna Paraji Shirdi	9763535629 Father	~~7276048616~~ 9049008045 Self	Shirdi		

K.J. SOMAIYA COLLEGE * KOPARGAON * Dept. of Geography

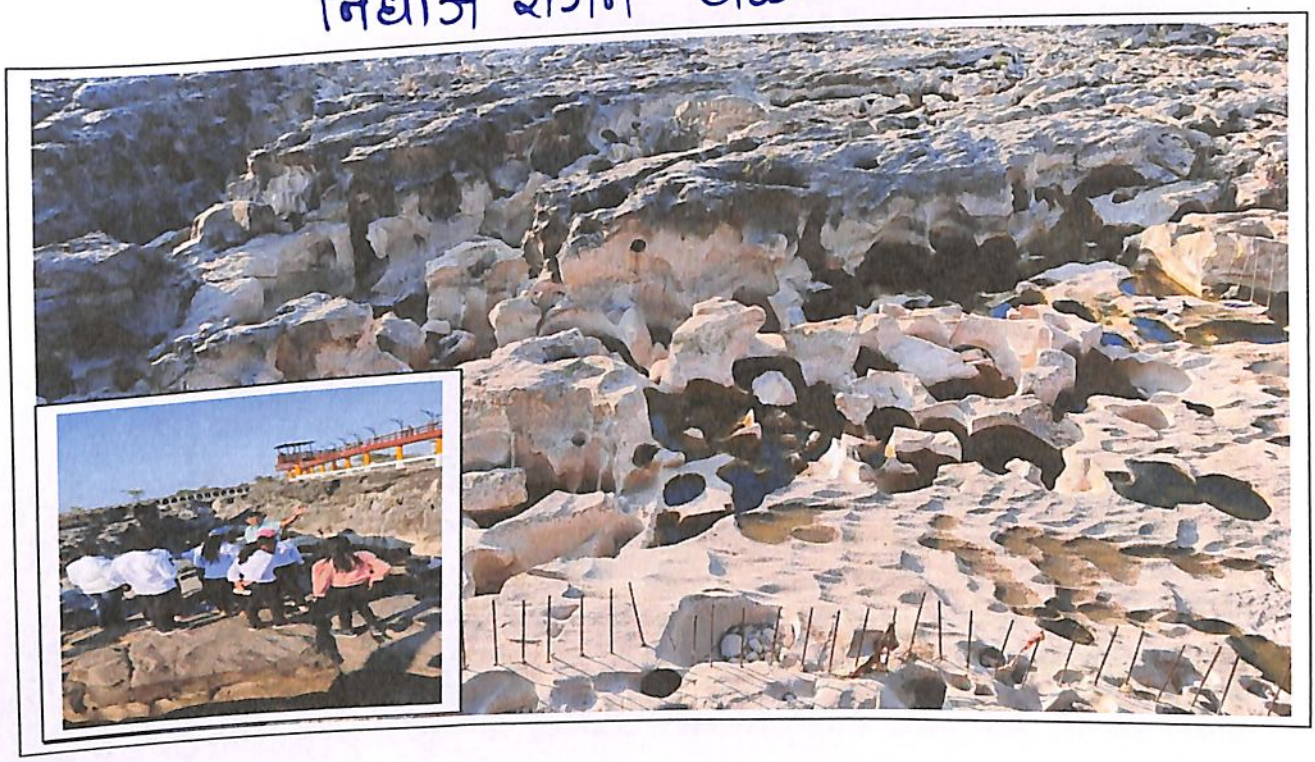
भूगोल विभाग, शैक्षणिक सहल-2022-2023

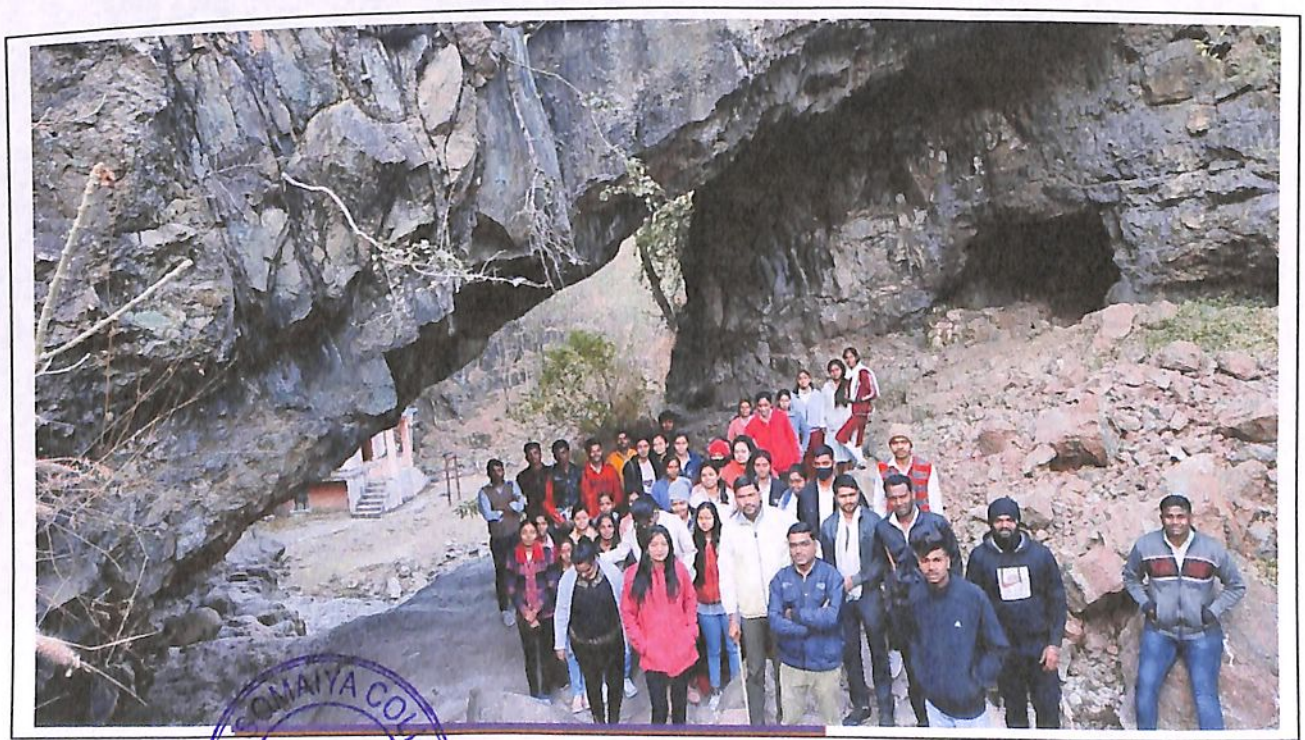
कोपरगाव तालुका एज्युकेशन सोसायटीचे,के.जे.सोमैया कला, वाणिज्य व विज्ञान,महाविद्यालय,कोपरगाव.अंतर्गत असणारे भूगोल विभागाची शैक्षणिक सहल दिनांक १०/०१/२०२३ वार मंगळवार रोजी **कोपरगाव – बेल्हे- टाकळी ढोकेश्वर – कान्हूर पठार – वडगाव दर्या – पिंपळगाव रोठे - देवी भोयरे फाटा – निघोज - पारनेर (राळेगणसिद्धी) – हिवरे बाजार - अहमदनगर – कोपरगाव.** हया ठिकाणी आयोजित करण्यात आली होती. सदर सहलीमध्ये 41 विद्यार्थी व 6 शिक्षक सहभागी झाले होते. या सहलीतून विद्यार्थ्यांना अनेक बाबी पाहण्यास आणि शिकण्यास मिळाल्या त्यामुळे विद्यार्थ्या मध्ये पर्यावरणा विषयी जनजागृती व अभिरुची निर्माण होण्यास मदत निर्माण झाली.सादर शैक्षणिक सहलीस महाविद्यालयाचे प्राचार्य डॉ. बी. एस. यादव तसेच भूगोल विभाग प्रमुख डॉ. जी.के.चव्हाण,डॉ. व्ही.एस.साळूंके यांनी विद्यार्थ्यंना मोलाचे मार्गदर्शन केले. सादर शैक्षणिक सहली द्वारे विद्यार्थ्यांमध्ये पर्यावरण जनजागृती निर्माण होण्यास मदत होईल.

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON



निधोज शंजन खळगे





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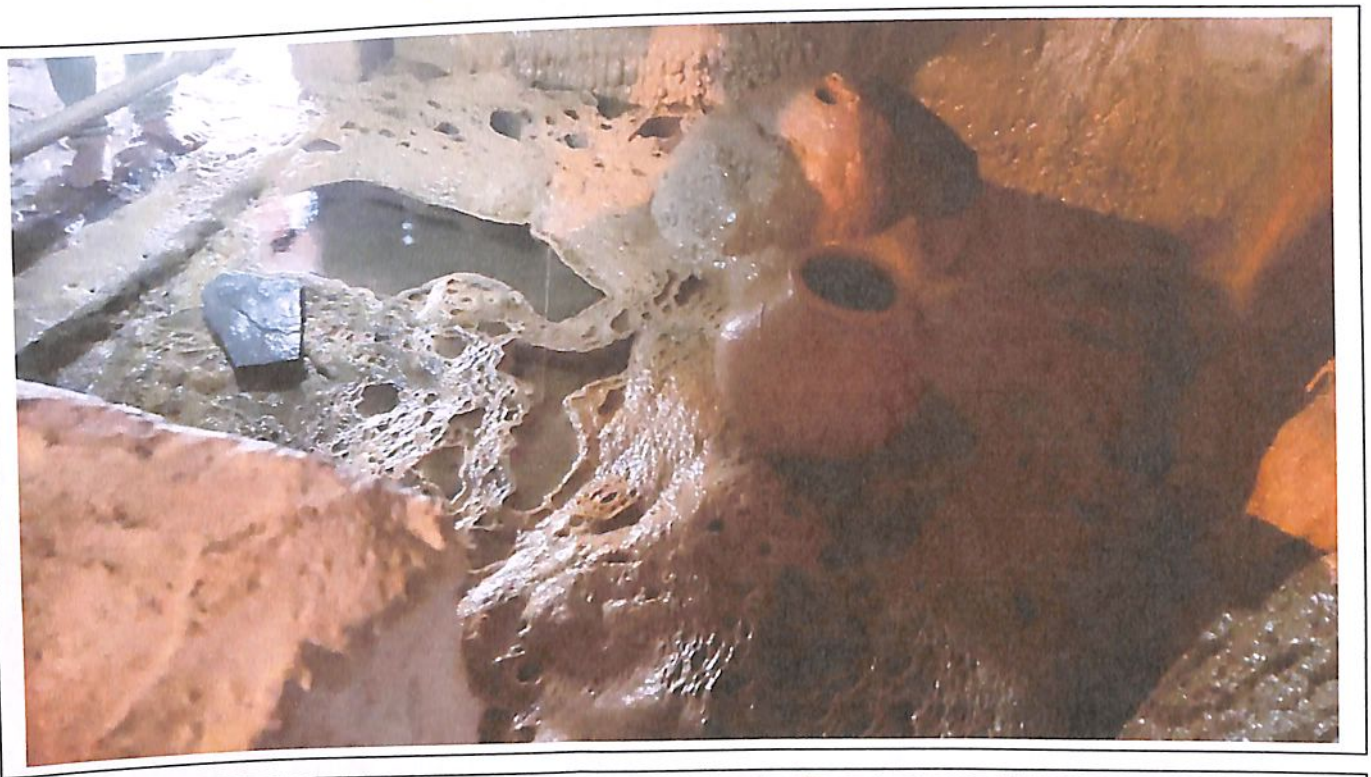
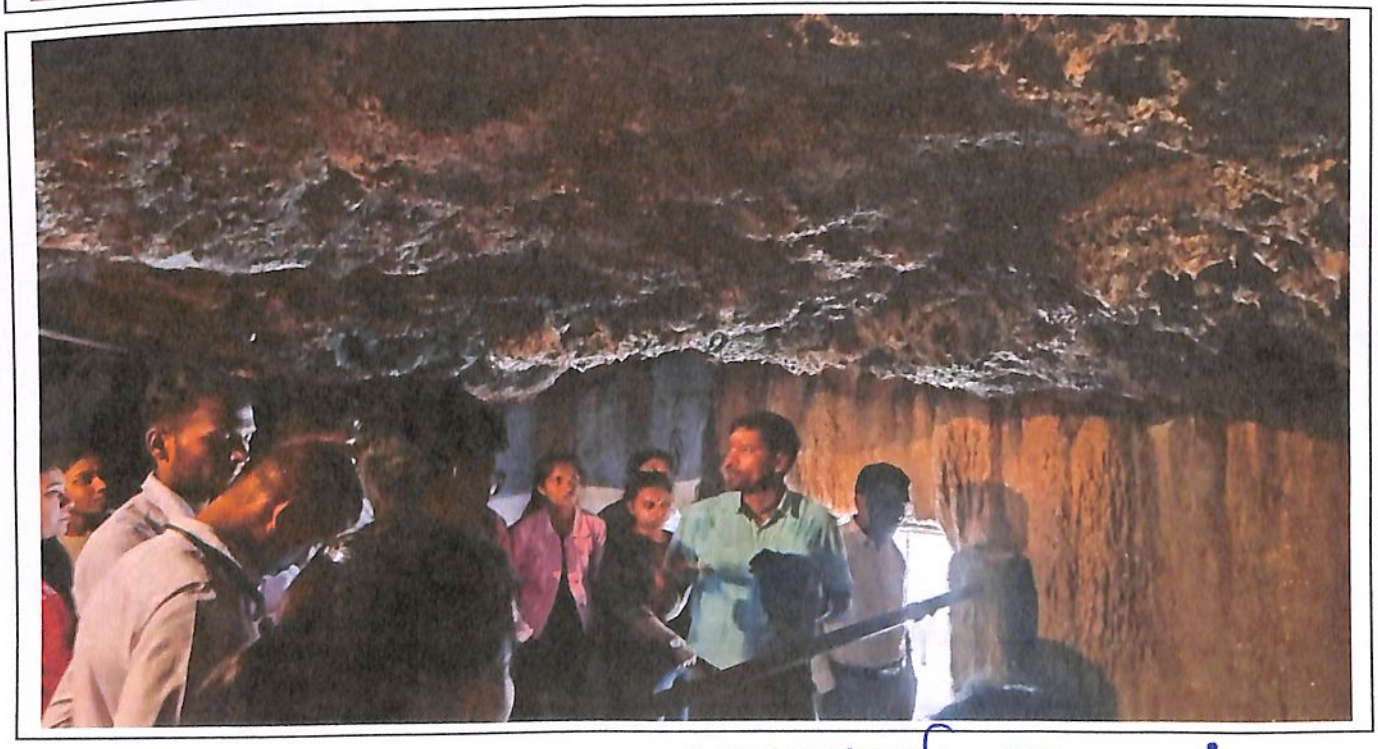
नैसर्गिक ब्रिज





वडगाव दर्या - लवण स्तंभ

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

कोपरगाव तालुका एज्युकेशन सोसायटी

के.जे. सोमैया कला, वाणिज्य व विज्ञान,महाविद्यालय,कोपरगाव.

शैक्षणिक सहल भूगोल विभाग

2022-2023

(कोपरगांव - संगमनेर - घाटघर (कोकणकडा) - राजूर मार्गे अकोले (अगस्ती आश्रम) - रंधा धबधबा – भंडारदरा - सांधण व्हॅली - अमृतेश्वर मंदिर - रतनगड – संगमनेर – कोपरगांव.)

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Society's
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Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 21/2949/2023-24 Date : / /202

प्रति,
मा. आगार प्रमुख साहेब,
कोपरगाव आगार
ता .कोपरगाव.

विषय- भूगोल विभागाच्या एक दिवशीय शैक्षणिक सहलीसाठी परवानगी दिल्याबाबत बाबत ...

मा. महोदय,

वरील विषयास अनुसरून अर्ज करतो कि, आमच्या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल बुधवार दिनाक 26/04/2023 रोजी राज्य परिवहन महामंडळाच्या बसने आयोजित केली आहे. सदर सहलीचा प्रवास मार्ग पुढील प्रमाणे कोपरगांव - संगमनेर - घाटघर (कोकणकडा) - राजूर मार्गे अकोले (अगस्ती आश्रम)- रंधा धबधबा – भंडारदरा - सांधण व्हॅली - अमृतेश्वर मंदिर - रतनगड – संगमनेर – कोपरगांव. या मार्गाने जाणार असून, तरी सदर शैक्षणिक सहलीस परवानगी देत आहे.

कळावे,

सोबत: विद्यार्थी यादी व शिक्षक यादी दोन प्रतीमध्ये पाठवत आहोत.

आपला विश्वासू

(डॉ. बी. एस. यादव)
प्राचार्य
Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

K. J. SOMAIYA COLLEGE
Dept. of Geography

दिनांक- 20/04/2023

प्रति,

मा. प्राचार्य

के. जे. सोमैया कॉलेज कला, वाणिज्य व विज्ञान

महाविद्यालय ,मोहनीराजनगर, कोपरगाव.

विषय : भूगोल विभागाच्या एक दिवशीय शैक्षणिक सहलीस परवानगी मिळण्याबाबत...

मा. महोदय,

वरील विषयास अनुसरून आपल्या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल बुधवार दिनांक 26/ 04 /2023 रोजी आयोजित करण्यास परवानगी देण्यात यावी.

सदर सहलीचा प्रवास मार्ग पुढील प्रमाणे कोपरगांव - संगमनेर - घाटघर (कोकणकडा) - राजूर मार्गे अकोले (अगस्ती आश्रम)- रंधा धबधबा – भंडारदरा - सांधण व्हॅली - अमृतेश्वर मंदिर - रतनगड – संगमनेर – कोपरगांव. असा असून,सदर सहली मध्ये 39 विद्यार्थी व 07 शिक्षक सहभागी होत आहे.

तरी आपण सदर शैक्षणिक सहल नेण्यास परवानगी द्यावी, ही विनंती.

कळावे,

आपला विश्वासू

20/4/23

डॉ . जी. के. चव्हाण

भूगोल विभाग प्रमुख

Head

Department of Geography

K. J. Somalya College, Kopargaon

Principal

K. J. Somalya College of Arts,

Commerce & Science, Kopargaon

Pin-423601, Dist. Ahmednagar

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science
Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 Email ID : kjscollege@rediffmail.com, Website : kjscollege.com
NAAC ACCREDITED 'A' GRADE | AN ISO 9001-2015 CERTIFIED INSTITUTE
SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 21 /2949/2023-24 Date : / /202

प्रति,

मा. आगार प्रमुख साहेब,
कोपरगाव आगार ,
ता कोपरगाव.

विषय- शैक्षणिक सहलीसाठी बस मिळणे बाबत ...

मा. महोदय,

वरील विषयास अनुसरून अर्ज करतो कि, आमच्या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल कोपरगांव - संगमनेर - घाटघर (कोकणकडा) - राजूर मार्गे अकोले (अगस्ती आश्रम)- रंधा धबधबा – भंडारदरा - सांधण व्हॅली - अमृतेश्वर मंदिर - रतनगड – संगमनेर – कोपरगांव. या मार्गाने जाणार असून, त्यासाठी बुधवार, दिनांक 26/04/2023 रोजी आपल्या आगारची एक बस मिळावी ही नम्र विनंती.

कळावे,

सोबत: विद्यार्थी यादी व शिक्षक यादी दोन प्रतीमध्ये पाठवत आहोत.

आपला विश्वासू

(डॉ. बी. एस. यादव)
प्राचार्य
Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

K. J. SOMAIYA COLLEGE ★ KOPARGAON ★
Dept. of Geography

Kopargaon Taluka Education Society

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF GEOGRAPHY

Study Tour Students List

Date: 26/04/2023

Sr. no	Name Of The Students	Class / Subject	Date of Birth	Age
1.	Sanap Shubham Sunil	MA-II / Geo	19/05/2000	22
2.	Waykhinde Anjali Sanjay	MA-II / Geo	03/01/2001	21
3.	Kadam Aditi Ramesh	MA-II/ Geo	17/01/2001	21
4.	Mokal Kalyani Arun	MA-II/ Geo	15/05/2000	22
5.	Kekan Vaibhav Balasaheb	S.Y.B.A	02/05/2003	19
6.	Dhokchawale Prajwal Dashrath	MA-II/ Geo	07/03/2001	21
7.	Chine Nilesh Ashok	MA-II/ Geo	25/04/2000	22
8.	Sonawane Akash Sankar	Geoinformatics	27/07/1998	24
9.	Pawar Rajendra Anna	Geoinformatics	13/03/1999	24
10.	Joshi Akshada Prahalad	MA-II/ Geo	06/05/2000	22
11.	Mokal Sayukta Gorakshnath	MA-II/ Geo	10/12/1999	23
12.	Vighe Madhuri Anil	MA-II/ Geo	06/05/2000	22
13.	Jadhav Pratiksha Ramesh	MA-II/ Geo	29/03/1999	24
14.	Deshmukh Rutika Machindra	S.Y.B.A	18/10/2003	19
15.	Taskar Amol Uttam	SYBA/ Geo	09/11/2002	19
16.	Mokal Pradnya Ravindra	Geoinformatics	14/02/2002	19
17.	Vaidya Archana Paraji	MA-I/ Geo	04\09\2001	21
18.	Bhausar Vaishnavi Rajendra	Geoinformatics	05/06/1999	23
19.	Thorat Rohini Nanasaheb	FYBA	19/06/2005	18
20.	Kundhare Disha Nimnath	FYBA	17/07/2004	18
21.	Lakare Ankush Kissan	TYBA/ Geo	20/02/2000	22
22.	Harishchandra Rachana Sanjay	S.Y.B.A/ Geo	17/04/2003	19
23.	Amrutkar Pratiksha Arun	S.Y.B.A/ Geo	22/09/2003	19
24.	Bansode Yash Sandip	FYBA	06/01/2004	18
25.	Rokde Addit Shivaji	FYBA	10/01/2004	18
26.	Zurale Pooja Arun	SYBA/ Geo	03/03/2004	18
27.	Zurale Omkar Narayan	SYBA/ Geo	16/12/2003	19

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

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K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

28.	Holkar Dhanta Himmatrao	GeoInformatics	26\07\1999	23
29.	Bangar Shital Rajendra	GeoInformatics	29\03\1999	24
30.	Londe Gauri Sharadrao	GeoInformatics	23\12\1998	24
31.	Dange Poonam Jalinder	GeoInformatics	31\07\1998	24
32.	Jadhav Pooja Dilip	FYBA	13/01/2004	18
33.	Dethe Sneha Sunil	FYBA	04/01/2005	18
34.	Gursal Nishant Kusharam	SYBA/ Geo	18/12/2003	19
35.	Borawke Sonali Vijay	SYBA/ Geo	07/09/2002	20
36.	Lakare Gayatri Ishwar	TYBA/ Geo	30/07/2003	19
37.	Pachore Akanksha Annasaheb	TYBA/ Polit	02/03/2002	19
38.	Dunbale Sneeha Dilip	TYBA/ Polit	26/09/2002	19
39.	Pathan Ayan Alim	SYBA/ Geo	03/04/2003	19
40.	Kotkar Nikita Ratnakar.	SYBA/ Geo	01/01/2002	19
41.	Randhir Vaishali Sanjay	FYBA	21/10/2004	18

Name of the Staff

Sr. no	Name of the Staff	Designation
1.	Dr. Ganesh K. Chavhan	Head of Geography Department
2.	Dr. Vasudev S. Salunke	Associate Professor in Department of Geography
3.	Prof. Santosh D.Aher	Assistant Professor
4.	Prof.Sonali V.Avhad	Assistant Professor
5.	Mr. Amol A. Dange	Lab Assistance in Department of Geography

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon
Pin-423601, Dist. Ahmednagar

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

महाराष्ट्र राज्य परिवहन महामंडळ, अहमदनगर विभाग, कोपरगांव आगार

विशेष बस आरक्षित करणेसाठी अर्ज

दि. 20/04/2023

प्रति,
आगार व्यवस्थापक,
रा प कोपरगांव आगार

एम एच 07 सी 8026 0048 आहेरवर

मी महाराष्ट्र राज्य परिवहन महामंडळाने निश्चित केलेल्या नियम ,अटी ,व दरानुसार विशेष बस ची करु इच्छित आहे. त्याबाबतचा तपशील खालीलप्रमाणे आहे.

१) बसगाडी / बसगाडया आरक्षित करणा-याचे पूर्ण नाव व पत्ता	श्री / श्रीमती मेसर्स. प्राचार्य के. जी. सोमैया कॉलेज, कोपरगांव
२) बसगाडी /बसगाडया आवश्यक असलेली तारीख , वेळ व	एक परिवर्तन बस. 26/04/2023. पहाटे 5.00 AM.
३) सेवाप्रकार	परिवर्तन बस.
४) आवश्यक बसेसची संख्या	एक.
५) प्रवास जेथून सुरु करावयाचा आहे ते ठिकाण	कोपरगांव. के.जे. सोमैया कॉलेज.
६) प्रवास करावयाचा पूर्ण मार्गाचा तपशील	कोपरगांव. आपटी अलाम. रेवा धबधबा भंडारदरा. साम्रद. रतनवाडी. अकोले. संगमनेर. कोपरगांव
७) प्रवास मार्गाचे अंदाजे कि.मी. अंतर	425 कि.मी.
८) केवळ मुक्कामीचे ठिकाणी सोडावयाचे आहे की परत आणावयाचे आहे (दुहेरी फेरी /एकेरी फेरी)	दुहेरी फेरी. परत आणावयाचे
९) प्रवास केव्हा पूर्ण होण्याची अपेक्षा आहे (तारीख व वेळ)	26/04/2023. रात्री 8 वाजे पर्यंत.
१०) विशेष शेरा :	शैक्षणिक सहल.

विशेष बस आरक्षित करणेसाठी म.रा.मा.प.महामंडळाने निश्चित केलेले नियम ,अटी व शर्ती तसेच दर मला समजले आहेत व त्याप्रमाणे मी विशेष बस आरक्षित करण्यास इच्छुक आहे. तरी कृपया मला वर नमुद केल्याप्रमाणे विशेष बस / बसेस उपलब्ध करुन देण्यात यावी ही विनंती.

प्राचार्य
के. जे. सोमय्या कॉलेज.

मागणीकर्त्याची सही ---कोपरगाव
नाव ----------

Head
Department of Geography
K. J. Somaiya College, Kopargaon

मा. प्राचार्य, के. जे. सोमय्या कॉलेज, कोपरगांव

श्री ---------- यांचे मागणीप्रमाणे दिनांक 26/04/2023 रोजी ?-- विशेष बसगाडी / बसगाडयांकरिता अनामत रक्कम रु. 27030/- भरुन घेण्यात यावी.

Rs. 27030
2029982 Dt. 20/04/2023.

आगार व्यवस्थापक
आगार व्यवस्थापक (व.)
रा प ---------आगार
रा.प. कोपरगाव

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K. J. SOMAIYA COLLEGE ★ KOPARGAON ★ Dept. of Geography

ANNEXTURE 'B'

To,

The Depot Manager (A),

State Transport Corporation,

Kopargaon,

Tal. Kopargaon, Dist. Ahmednagar.

Sub : Concession

दिनांक 26/04/2023

The students of this institution are going on K.J.S. college Kopargaon

Educational Tour to Kopargaon - Sangamner - Igatpuri - Alcole - Pandharpur - Ratangad - Kopargaon -

There will be 41 students and 05 Teachers accompanying the students.

This is educational institution recognized by Govt. and Education Dept. Person's proceeding on educational excursion are its bonafied and the teachers of this institution accompanying the students and endorsed for concession rates accordingly.

According to records maintaining in this institute students on 41 are 12 years of age rest are below 12 years —

We understand that the concession is not true all recovery made by the corporation will be paid by me.

for प्राचार्य
के. जे. सोमैया कॉलेज,
कोपरगांव

yours faithfully

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Place : Kopargaon.

Date : 26/04/2023

SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

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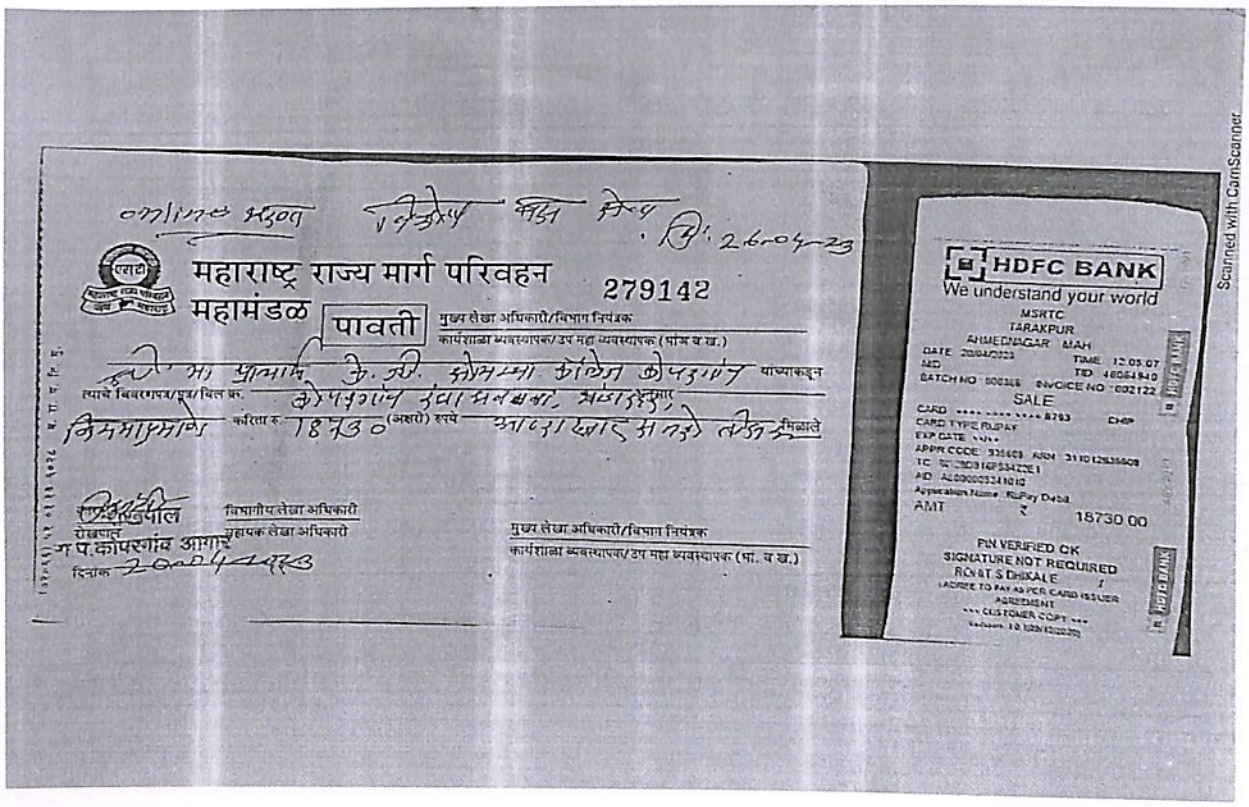
online भरणा विद्यार्थी बस सेवा दि: 26-04-23



महाराष्ट्र राज्य मार्ग परिवहन महामंडळ

279142

पावती

मुख्य लेखा अधिकारी/विभाग नियंत्रक
कार्यशाळा व्यवस्थापक/उप महा व्यवस्थापक (भांज व ख.)

श्री. मा. प्राचार्य के. जी. सोमय्या कॉलेज कोपरगांव यांच्याकडून त्याचे विवरणपत्र/पत्र/बिल क्र. कोपरगांव रंगा मनबाबा, भंडारदरा, इतर विभागाप्रमाणे करिता रु. 18730 (अक्षरी) रुपये आठरा हजार सतरा तीस रु. मिळाले

रोखपाल
रोखपाल
ग.प.कोपरगांव आगार
दिनांक 20-04-2023

विभागीय लेखा अधिकारी
सहायक लेखा अधिकारी

मुख्य लेखा अधिकारी/विभाग नियंत्रक
कार्यशाळा व्यवस्थापक/उप महा व्यवस्थापक (भां. व ख.)

HDFC BANK
We understand your world
MSRTC
TARAKPUR
AHMEDNAGAR MAH
DATE 20/04/2023 TIME 12:05:07
MID TID 48064940
BATCH NO 000366 INVOICE NO 002122
SALE
CARD **** **** **** 8793 CHIP
CARD TYPE RUPAY
EXP DATE **/**
APPR CODE 935603 RRN 311012935603
TC 0C1C8D916F5342CE1
AID A0000005241010
Application Name RuPay Debit
AMT ₹ 18730.00
PIN VERIFIED OK
SIGNATURE NOT REQUIRED
ROHIT S DHIKALE
I AGREE TO PAY AS PER CARD ISSUER AGREEMENT
*** CUSTOMER COPY ***
Verifiable 10/10/2020

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K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Society

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF GEOGRAPHY

Study Tour Students List **Date: 26/04 /2023**

Sr. no	Name Of The Students	Class / Subject	Mobile Number (Father)	Mobile Number (Self)	Pickup Location	I card	Undertaking	IN	Out
1.	Sanap Shubham Sunil	MA-II / Geo		9075261408	K.J.S.College	✓	✓		
2.	Waykhinde Anjali Sanjay	MA-II / Geo	9011867309	8484920062	K.J.S.College	✓	✓		
3.	Kadam Aditi Ramesh	MA-II/ Geo	9011091582	7385611346	K.J.S.College	✓	✓		
4.	Mokal Kalyani Arun	MA-II/ Geo	9545140583	7499643952	K.J.S.College				
5.	Kekan Vaibhav Balasaheb	S.Y.B.A	7083393573	7666198950	K.J.S.College	✓	✓		
6.	Dhokchawale Prajwal Dashrath	MA-II/ Geo		9075374535	K.J.S.College		✓		
7.	Chine Nilesh Ashok	MA-II/ Geo		7709551449	Phoegaon	✓	✓		
8.	Joshi Akshada Prahalad	MA-II/ Geo	9405002043	9021687028	K.J.S.College	✓	✓		
9.	Mokal Sayukta Gorakshnath	MA-II/ Geo	9022053216	9373850438	K.J.S.College	✓	✓		
10.	Vighe Madhuri Anil	MA-II/ Geo	7620084206	8788773890	K.J.S.College	✓	✓		
11.	Jadhav Pratiksha Ramesh	MA-II/ Geo	8975439121	9075512460	K.J.S.College	✓	✓		
12.	Deshmukh Rutika Machindra	S.Y.B.A	9325851327	9022760108	K.J.S.College	✓	✓		
13.	Taskar Amol Uttam	SYBA/ Geo		8261080094					
14.	Mokal Pradnya Ravindra	Geoinformatis	9960012623		K.J.S.College	✓	✓		
15.	Vaidya Archana Paraji	MA-I/ Geo	9763535629		K.J.S.College				
16.	Bhausar Vaishnavi Rajendra	Geoinformatis	9860924482	7843064635	K.J.S.College	✓	✓		
17.	Thorat Rohini Nanasaheb	FYBA	9284540903	9322575776	K.J.S.College	✓	✓		
18.	Kundhare Disha Nimnath	FYBA	8237308716	9623104302	K.J.S.College	✓	✓		

Kopargaon Taluka Education Society

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

DEPARTMENT OF GEOGRAPHY

Study Tour Students List **Date: 26/04 /2023**

19.	Lakare Ankush Kissan	TYBA/ Geo	8975897666	9356569824	K.J.S.College	✓	✓	
20.	Harishchandra Rachana Sanjay	S.Y.B.A/ Geo	8975713177	8975800567	K.J.S.College	✓	✓	
21.	Amrutkar Pratiksha Arun	S.Y.B.A/ Geo	9921263792	8625066929	K.J.S.College	✓	✓	
22.	Bansode Yash Sandip	FYBA	7066398377	7397833326	K.J.S.College	✓	✓	
23.	Rokde Addit Shivaji	FYBA	9767974119	9307742178	K.J.S.College	✓	✓	
24.	Zurale Pooja Arun	SYBA/ Geo	8149029908	8793520777	K.J.S.College	✓	✓	
25.	Zurale Omkar Narayan	SYBA/ Geo	9579843043	7385516500	K.J.S.College	✓	✓	
26.	Holkar Dhanta Himmatrao	Geoinformatics	9422726793	7776075863	K.J.S.College	✓	✓	
27.	Bangar Shital Rajendra	Geoinformatics	9822284510	8830398471	K.J.S.College	✓	✓	
28.	Londe Gauri Sharadrao	Geoinformatics	9881377474	9851884111	K.J.S.College	✓	✓	
29.	Dange Poonam Jalinder	Geoinformatics	9860745406	8668301430	Phoegaon	✓	✓	
30.	Jadhav Pooja Dilip	FYBA	9730729637	7219446152	K.J.S.College	✓	✓	
31.	Dethe Sneha Sunil	FYBA	7796891292	7796891292	K.J.S.College	✓	✓	
32.	Gursal Nishant Kusharam	SYBA/ Geo	9921691341	7620905631	K.J.S.College	✓	✓	
33.	Boravke Sonali Vijay	SYBA/ Geo	8956001905	9699379690	K.J.S.College	✓	✓	
34.	Lakare Gayatri Ishwar	TYBA/ Geo	9595956133	9309048567	K.J.S.College	✓	✓	
35.	Pachore Akanksha Annasaheb	TYBA/ Polit	8766092995	7620286676	Bahadrabad	✓	✓	
36.	Dunbale Sneeha Dilip	TYBA/ Polit	9822217001	8380963380	K.J.S.College	✓	✓	
37.	Pathan Ayan Alim	SYBA/ Geo	9309135311		K.J.S.College	✓	✓	
38.	Kotkar Nikita Ratnakar	SYBA/ Geo	9730733665		K.J.S.College	✓	✓	
39.	Randhir Vaishali Sanjay	FYBA	9579556856		K.J.S.College	✓	✓	
40	Sonawane Akash S.	Geoinformatis	8766775867		K.J.S.Colle	✓	✓	
41	Pawar Rajendra A							

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

भूगोल विभाग, शैक्षणिक सहल-2022-2023

कोपरगाव तालुका एज्युकेशन सोसायटीचे,के.जे.सोमैया कला, वाणिज्य व विज्ञान,महाविद्यालय,कोपरगाव.अंतर्गत असणारे भूगोल विभागाची शैक्षणिक सहल दिनांक 26/04/2023 वार बुधवार रोजी कोपरगांव - संगमनेर - घाटघर (कोकणकडा) - राजूर मार्गे अकोले (अगस्ती आश्रम)- रंधा धबधबा – भंडारदरा सांधण व्हॅली - अमृतेश्वर मंदिर - रतनगड – संगमनेर – कोपरगांव.)ह्या ठिकाणी आयोजित करण्यात आली होती. सदर सहलीमध्ये 41 विद्यार्थी व 05 शिक्षक सहभागी झाले होते. या सहलीतून विद्यार्थ्यांना अनेक बाबी पाहण्यास आणि शिकण्यास मिळाल्या त्यामुळे विद्यार्थ्या मध्ये पर्यावरणा विषयी जनजागृती व अभिरुची निर्माण होण्यास मदत निर्माण झाली.सादर शैक्षणिक सहलीस महाविद्यालयाचे प्राचार्य डॉ. बी. एस. यादव तसेच भूगोल विभाग प्रमुख डॉ. जी.के.चव्हाण,डॉ. व्ही.एस.साळूंके यांनी विद्यार्थ्यंना मोलाचे मार्गदर्शन केले. सादर शैक्षणिक सहली द्वारे विद्यार्थ्यामध्ये पर्यावरण जनजागृती निर्माण होण्यास मदत होईल.

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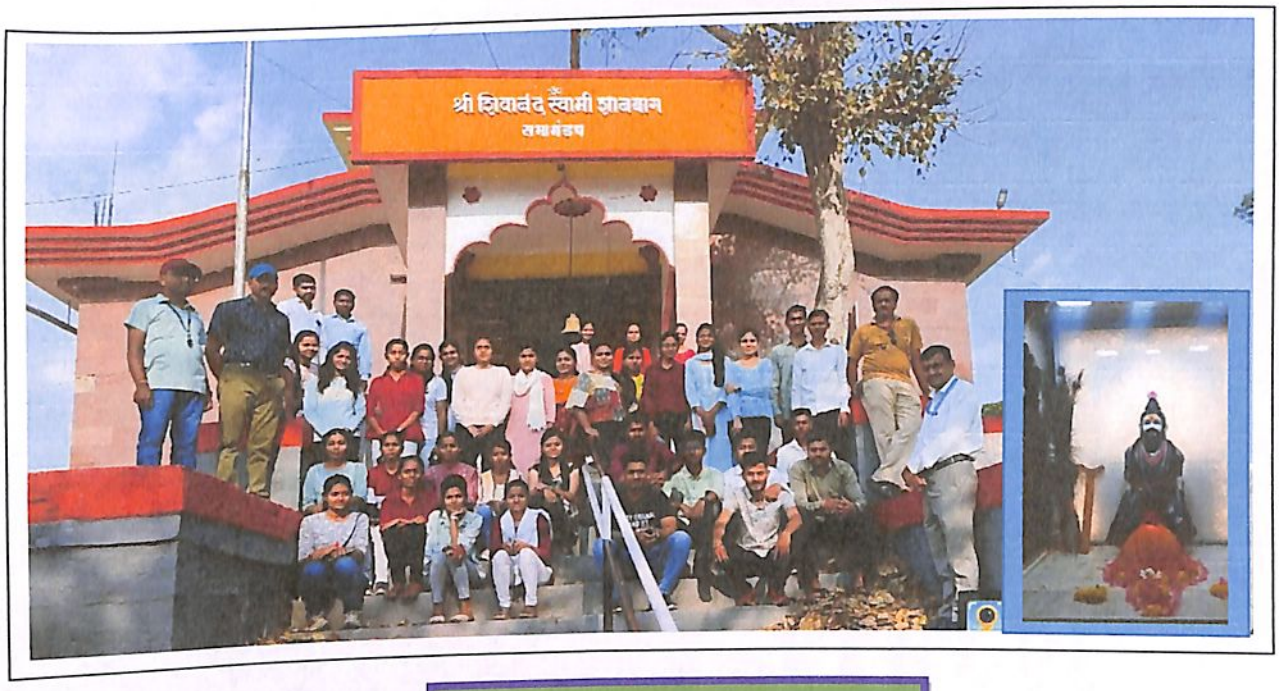

अकोले (अगस्ती आश्रम)



रांधा धबधबा

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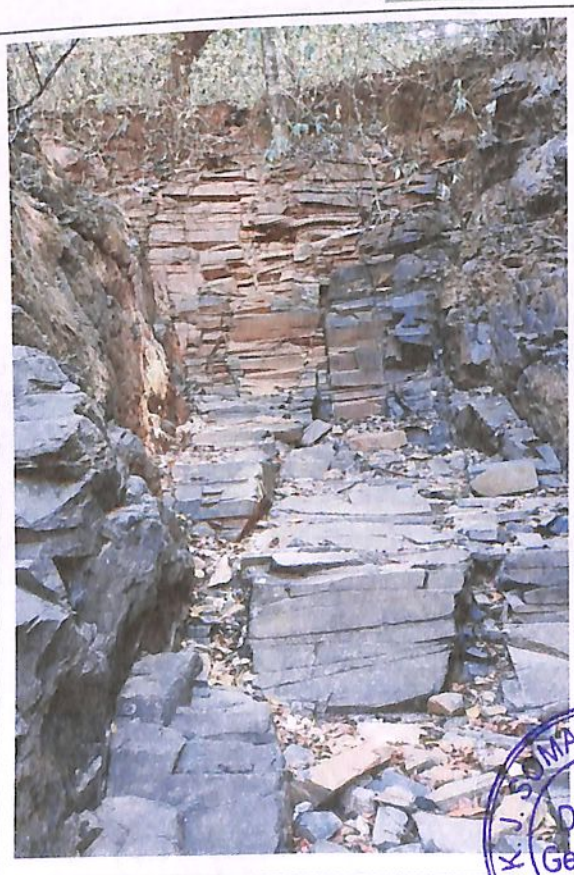
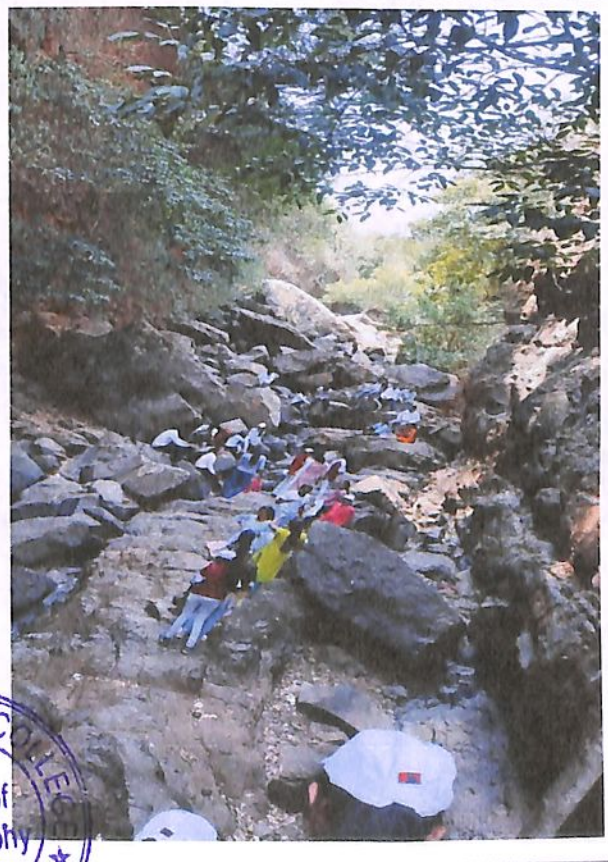
KOPARGAON





भांडारदरा





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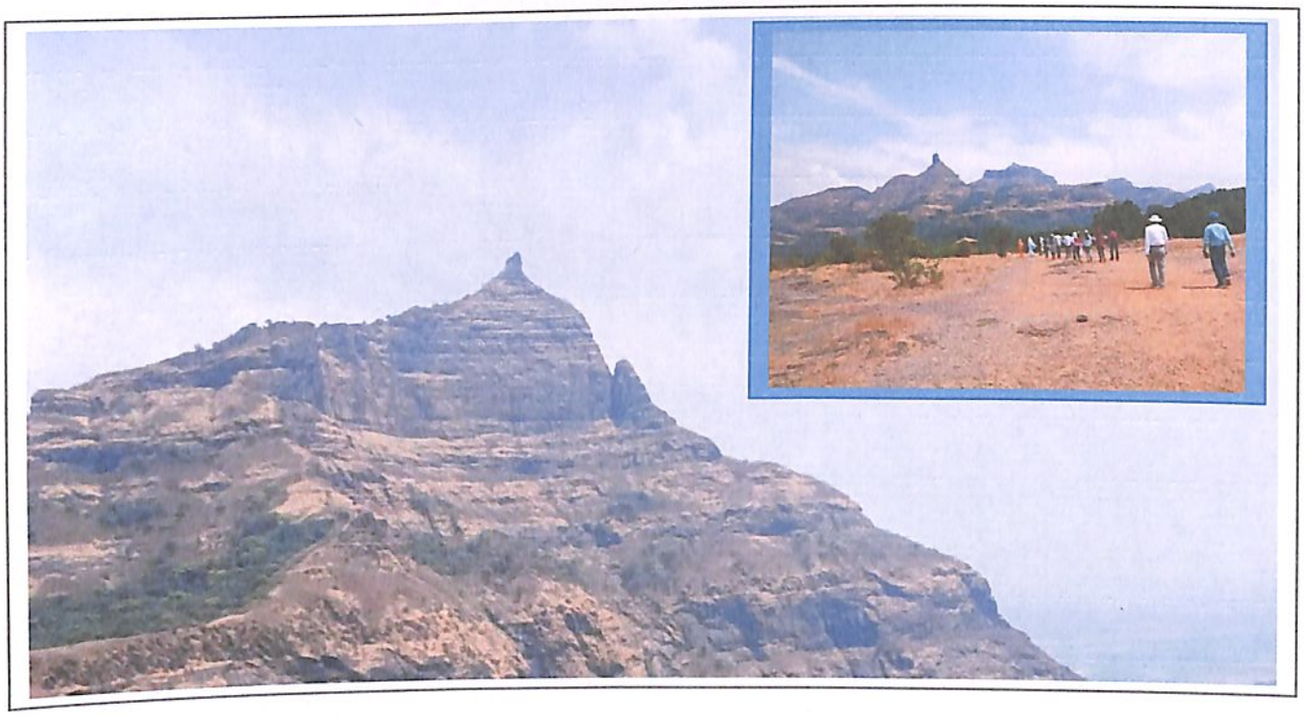
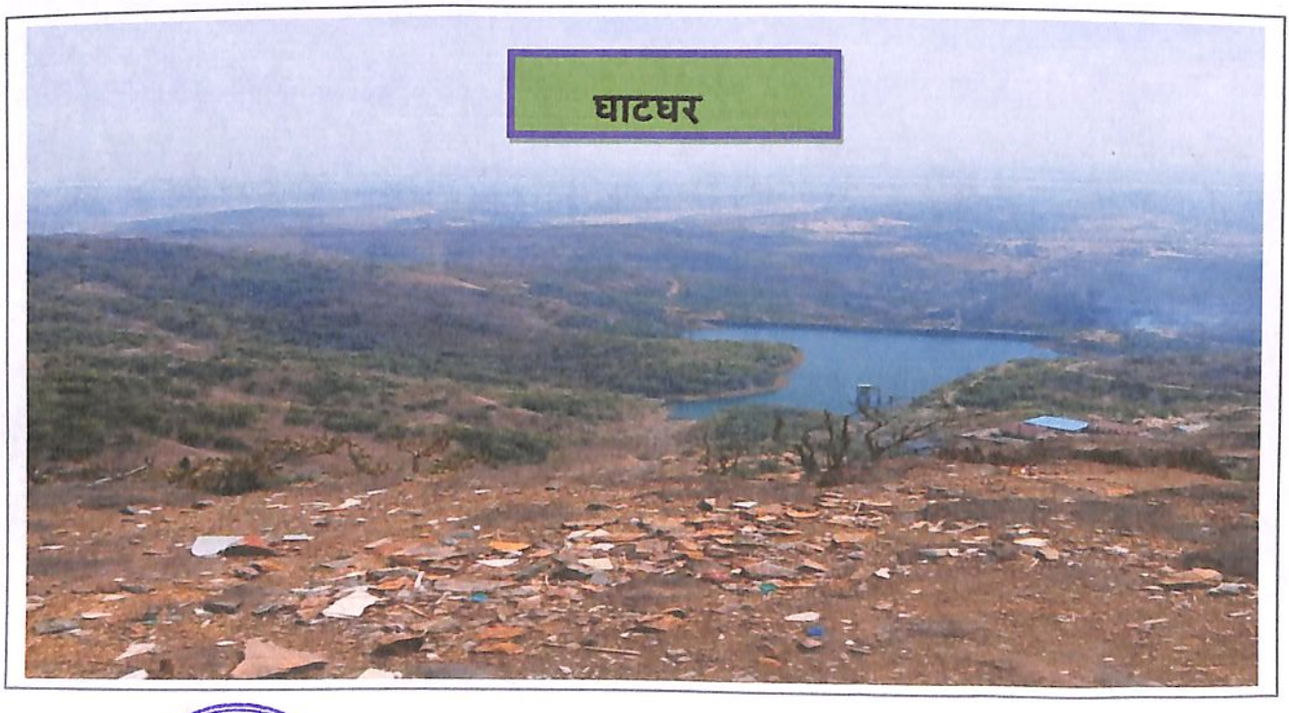


घाटघर



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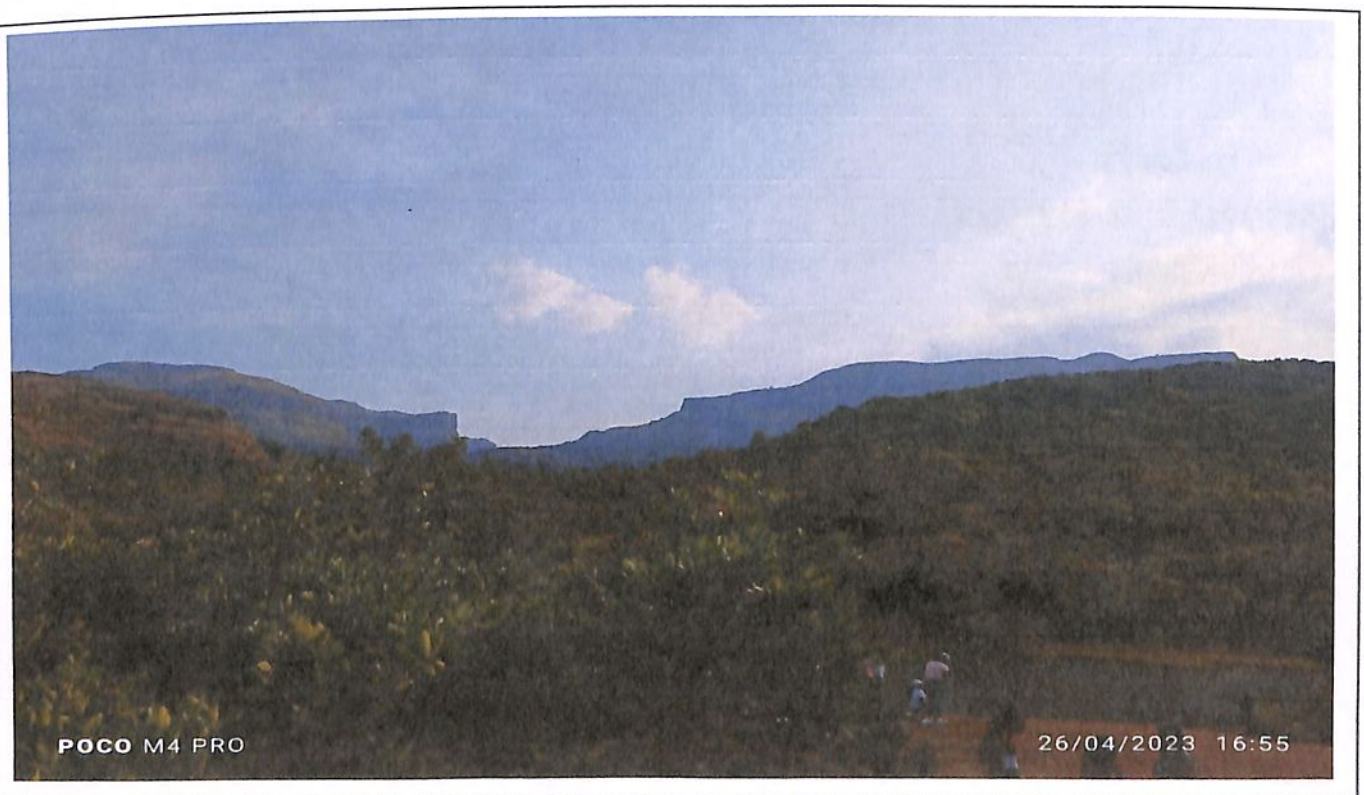
Dept. of Geography
KOPARGAON





K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

Dated- 02/01/2023

Assignment

All Students in the Geography Department (MA/Msc-I) Sem II are required to submit their GGUT243-Watershed management Assignment by 07/01/2023.

Head
Department of Geography

Head
Department of Geography
K. J. Somaiya College, Kopargaon

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Name - Dhikale Bharati Dnyaneshwar
class - MA/MSc.
subject - Watershed management

1. Explain importance of watershed Management development ?

→ ① National Level
② state level
③ District level
④ Tahsil Level

1. National Level :-

National level watershed management is very important in national Development. National rainfed Area authority of the National area. Watershed Management is very important for human being, animals, Plants, because all characteristics are depend on water. It is need for every situation. Develop the Transportation facility, Medical facility are develop the water, it is the most important part of the national development. Nation rainfored area authority (NRAA) is a nodel agency at the Central level of the facilities strategy from the different Nation.

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National Rainfed Area Authority
(NRAA)
↓
State level Nodel Agency
(SLNA)
↓
District watershed Developement
(DWD)
↓
Tahsil watershed Development
Panchayat Raj Developement

2. State level :-

The state level Nodel Agency are empowered are overlese all watershed Project in the State based. State leve watershed development is the main indicates of the water. water is th Primary Need of human being. his watershed Management is developed by state level. hospital, Education facilities, animals, Plants, are develope by the water. National Bank for agricult and rural Development. (NIBARD). Wat is mostly important in Agricultural ar Industrial sector.

3. District level :-

District watershed Development Unit (DWDU) is the established the overeise the implementation with

separate of the District level. It is useful in district level. Agriculture Sector, Industry are developed by the District located area. many facilities are developed by the watershed Management.

4. Panchayat Raj Institute :-

Panchayat Raj Institute (PRI) is developed by Tahsil region. water is the most useful need in all human being.

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2. Define characteristics of watershed Management.

→ water tshed is called as watershed. The water is the most important, the water quality is conservation of soil in the main quality of water and soils called watershed management.

a) size
b) shape
c) climate
d) Landuse
e) Drainage

f) Physiography.

g) vegetation

h)

a) Size :- The size of the watershed Management is developed by the mainy size. There are three sized of the watershed Management ① small size ② Middle size ③ Large size. it is the size of the drainage system. Mapscale it also Part of the size in watershed Management.

b) Shape :- Many shape are developed by the water basin / drainage basin. Fan shape it is also khown as circular shape. Traingular shape also improved in watershed Management.

c) Climate :- Climate is most useful Part in watershed Management. Clima are change in every Particular Geographical area. hilly area climate is very cold it also Polar region also cold area. Plain area watershed Management is very developed.

d) Landuse :- Agriculture Sector, Indu-strial area is developed by the watershed Management. Forest, Hospit

are developing many region. Forest area is developed by the water area.

e) Physiography :- Plan, Plaitue, and mountain area watershed managent is developed. mountain area is not Perfect for watershed management. but Plain area watershed Management is very develop.

f) vegetation :- The watershed management is most important in all human being.

Explain Nature and scope of watershed management.

→ water + shed it is called watershed. and water quality and soil conservation is related it is also called as watershed management.

* Nature :-

a) Descriptive Nature
b) Dynamic Nature
c) Scientific Nature
d) Interdisiplinary Nature.

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a) Descriptive Nature :-

watershed Management Nature is very discriptive, plants, animals are depend on water. animals are depen on watershed Management. Descriptiv in watershed Management, Mountain, Plain, Plateu are is developed by the ;

b) Scientific Nature :-

watershed Management Nature is scientific. Realations to other scientific branches. Oceanography, Hydrology is the branch of the water. It is branc depend on the water. water is most useful in all human being. water budjet, climatology is depend on wate shed. climate is totally depend on wate condition.

c) Dynamic Nature :-

watershed Management Nature is very Dynamic. Many facilities are developed by the watershed manage nt.

K.J. SOMAIYA COLLEGE ★ KO... ★ Dept. of Geography

इसरो ISRO

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

सत्यमेव जयते

नामांकन सं. / Enrolment No.: 20221031593467

CERTIFICATE OF COMPLETION

ONLINE COURSE

यह प्रमाणपत्र

MS. BANGAR SHITAL RAJENDRA

को "रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम के मूलभूत सिद्धांत"
मे ऑनलाईन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 22 अगस्त, 2022 से 25 नवंबर, 2022 (कुल पाठ्यक्रम की अवधि = 84 घंटे) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एड्युकेशन सोसाइटी. के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स. कोपरगाँव)

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

THIS CERTIFICATE IS
AWARDED TO
MS. BANGAR SHITAL RAJENDRA
ON COMPLETION OF THE ONLINE COURSE ON
"Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System"
THIS ONLINE COURSE WAS CONDUCTED DURING 22-08-2022 to 25-11-2022 (Total course duration = 84 hrs).
(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

इस पाठ्यक्रम में 5 मॉड्यूल शामिल है - 1) सुदूर संवेदन एवं डिजिटल छवि विश्लेषण ; 2) वैश्विक नौवहन उपग्रह प्रणाली का अवलोकन ; 3) भौगोलिक सूचना प्रणाली का अवलोकन ; 4) जियोकम्प्यूटेशन एवं जियोवेब सर्विसेस का अवलोकन; और 5) प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग।

This course consists of 5 modules- 1) Remote Sensing and Digital Image Analysis; 2) Overview of Global Navigation Satellite System; 3) Overview of Geographical Information System; 4) Overview of Geocomputation and Geo-web services; and 5) RS & GIS Applications in Natural Resource Management.

Online Exam Grade: B
Attendance: 71 %

Date: 26-12-2022
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

राज्येन्द्र सिंह
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

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>80% -(A+), 70-80% -(A), 60-70% -(B+), 40-60% -(B)

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20221031591986

CERTIFICATE OF COMPLETION
ONLINE COURSE

यह प्रमाणपत्र

PROF. AKASH SONAWANE

को " रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम के मूलभूत सिद्धांत "
में ऑनलाईन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 22 अगस्त, 2022 से 25 नवंबर, 2022 (कुल पाठ्यक्रम की अवधि = 84 घंटे) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS
AWARDED TO
PROF. AKASH SONAWANE
ON COMPLETION OF THE ONLINE COURSE ON
"Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System"
THIS ONLINE COURSE WAS CONDUCTED DURING **22-08-2022 to 25-11-2022** (Total course duration = 84 hrs),
(Concerned IIRS Nodal Centre- **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)**

इस पाठ्यक्रम में 5 मॉड्यूल शामिल हैं - 1) सुदूर संवेदन एवं डिजिटल छवि विश्लेषण ; 2) वैश्विक नेविगेशन सेटेलाइट प्रणाली का अवलोकन ; 3) भौगोलिक सूचना प्रणाली का अवलोकन ; 4) जियोकम्प्यूटेशन एवं वियोपय सर्विसेस का अवलोकन ; और 5) प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग।

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Online Exam Grade: **B**
Attendance: **93 %**

Date: **26-12-2022**
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

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>80%-(A+), 70-80%-(A), 60-70%-(B+), 40-60%-(B)

इसरो ISRO

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

सत्यमेव जयते

नामांकन सं. / Enrolment No.: 20221031593273

CERTIFICATE OF COMPLETION

ONLINE COURSE

यह प्रमाणपत्र

MS. DHANATA HIMMATRAO HOLKAR

को " रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम के मूलभूत सिद्धांत "

में ऑनलाईन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 22 अगस्त, 2022 से 25 नवंबर, 2022 (कुल पाठ्यक्रम की अवधि = 84 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एड्युकेशन सोसाइटी. के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स. कोपरगाँव)

THIS CERTIFICATE IS

AWARDED TO

MS. DHANATA HIMMATRAO HOLKAR

ON COMPLETION OF THE ONLINE COURSE ON

"Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System"

THIS ONLINE COURSE WAS CONDUCTED DURING **22-08-2022 to 25-11-2022** (Total course duration = 84 hrs).

(Concerned IIRS Nodal Centre- **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)**

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

इस पाठ्यक्रम में 5 मॉड्यूल शामिल हैं - 1) सुदूर संवेदन एवं डिजिटल छवि विश्लेषण ; 2) वैश्विक नेविगेशन उपग्रह प्रणाली का अवलोकन ; 3) भौगोलिक सूचना प्रणाली का अवलोकन ; 4) जियोकम्प्युटेशन एवं जियोवेब सर्विसेस का अवलोकन ; और 5) प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग।

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Online Exam Grade: **B**
Attendance: **77 %**

Principal
K. J. Somaiya College of Arts Commerce & Science, Kopargaon

Date: **26-12-2022**
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

राघवेन्द्र सिंह
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 253dc7e55c547f46e5cf9526bfc8d893 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

*≥80% -(A+), 70-80% -(A), 60-70% -(B+), 50-60% -(B)

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20221031589675

CERTIFICATE OF COMPLETION

ONLINE COURSE

यह प्रमाणपत्र

MS. LEENA KERU TRIBHUVAN

को "रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम के मूलभूत सिद्धांत"

में ऑनलाईन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 22 अगस्त, 2022 से 25 नवंबर, 2022 (कुल पाठ्यक्रम की अवधि = 84 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी. के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

THIS CERTIFICATE IS

AWARDED TO

MS. LEENA KERU TRIBHUVAN

ON COMPLETION OF THE ONLINE COURSE ON

"Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System"

THIS ONLINE COURSE WAS CONDUCTED DURING 22-08-2022 to 25-11-2022 (Total course duration = 84 hrs),

(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

इस पाठ्यक्रम में 5 मॉड्यूल शामिल है - 1) सुदूर संवेदन एवं डिजिटल छवि विश्लेषण ; 2) वैश्विक नौवहन उपग्रह प्रणाली का अवलोकन ; 3) भौगोलिक सूचना प्रणाली का अवलोकन ; 4) जियोकम्प्यूटेशन एवं जियोवेब सर्विसेस का अवलोकन ; और 5) प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस का अनुप्रयोग।

This course consists of 5 modules- 1) Remote Sensing and Digital Image Analysis; 2) Overview of Global Navigation Satellite System; 3) Overview of Geographical Information System; 4) Overview of Geocomputation and Geo-web services; and 5) RS & GIS Applications in Natural Resource Management.

Online Exam Grade: B

Attendance: 80 %

Date: 26-12-2022

Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- ba770cf3c22e3eeca5b0d205032bde46 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

*>80% -(A+), 70-80% -(A), 60-70% -(B+), 40-60% -(B)

इसरो इंडिया

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

सत्यमेव जयते

नामांकन सं. / Enrolment No.: 20221031589734

CERTIFICATE OF COMPLETION

ONLINE COURSE

यह प्रमाणपत्र

MR. DNYANESHWAR JUNDHARE

को "रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम के मूलभूत सिद्धांत"
में ऑनलाईन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 22 अगस्त, 2022 से 25 नवंबर, 2022 (कुल पाठ्यक्रम की अवधि = 84 घंटे) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS
AWARDED TO
MR. DNYANESHWAR JUNDHARE
ON COMPLETION OF THE ONLINE COURSE ON
"Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System"
THIS ONLINE COURSE WAS CONDUCTED DURING **22-08-2022 to 25-11-2022** (Total course duration = 84 hrs).
(Concerned IIRS Nodal Centre- **Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)**

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

इस पाठ्यक्रम में 5 मॉड्यूल शामिल है - 1) सुदूर संवेदन एवं डिजिटल छवि विश्लेषण ; 2) वैश्विक नेविगेशन उपग्रह प्रणाली का अवलोकन ; 3) भौगोलिक सूचना प्रणाली का अवलोकन ; 4) जियोकम्प्यूटेशन एवं जियोवेब सर्विसेस का अवलोकन ; और 5) प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग।

This course consists of 5 modules- 1) Remote Sensing and Digital Image Analysis; 2) Overview of Global Navigation Satellite System; 3) Overview of Geographical Information System; 4) Overview of Geocomputation and Geo-web services; and 5) RS & GIS Applications in Natural Resource Management.

Online Exam Grade: **B**
Attendance: **93 %**

Date: **26-12-2022**
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

राघवेन्द्र सिंह
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID: a37f3d5cd228cb878415de48c4f75b15 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

*>80% -(A+), 70-80% -(A), 60-70% -(B+), 40-60% -(B)

इसरो ISRO

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

सत्यमेव जयते

नामांकन सं. / Enrolment No.: 20231202084457

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र

MS. JADHAV SONAL PRAKASH

को "मौसम और जलवायु अध्ययन में उपग्रह मौसम विज्ञान का अनुप्रयोग"
में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एजुकेशन सोसायटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS
AWARDED TO
MS. JADHAV SONAL PRAKASH
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Satellite meteorology applications in weather and climate studies"
THIS ONLINE COURSE WAS CONDUCTED DURING **07-08-2023 to 11-08-2023** (Total course duration was = 15 hours).
(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

K. J. SOMAIYA COLLEGE ★ Geography ★ KOPARGAON

Date: 28-08-2023
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

राज्येन्दु सिंह
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 31f5b6df0b7ef4deaa2dc5fc380d131f. This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20231202084461

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र

MR. DANGE RAMESH GORAKSHNATH

को "मौसम और जलवायु अध्ययन में उपग्रह मौसम विज्ञान का अनुप्रयोग"
में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी, के.जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS
AWARDED TO
MR. DANGE RAMESH GORAKSHNATH
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Satellite meteorology applications in weather and climate studies"
THIS ONLINE COURSE WAS CONDUCTED DURING **07-08-2023 to 11-08-2023** (Total course duration was = 15 hours).
(Concerned IIRS Nodal Centre: Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

K. J. SOMAIYA COLLEGE * KOPARGAON * Department of Geography

Date: 28-08-2023
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts Commerce & Science, Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID: ce677c038b0f0fa13c6a9c4a40dfb16f .This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20231202084479

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र

MS. BANGAR SHITAL RAJENDRA

को "मौसम और जलवायु अध्ययन में उपग्रह मौसम विज्ञान का अनुप्रयोग"
में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगांव तालुका एडुकेशन सोसाइटी, के.जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगांव)

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

THIS CERTIFICATE IS
AWARDED TO
MS. BANGAR SHITAL RAJENDRA
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Satellite meteorology applications in weather and climate studies"
THIS ONLINE COURSE WAS CONDUCTED DURING **07-08-2023 to 11-08-2023** (Total course duration was = 15 hours).
(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

Date: 28-08-2023
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 97f2e72cdb47c6ed87de408274777741. This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग/DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन/INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20231202084491

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

MS. DHANATA HIOMMATRAO HOLKAR

को "भौसम और जलवायु अध्ययन में उपग्रह मौसम विज्ञान का अनुप्रयोग"
मे ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ़ आर्टस, कॉमर्स एंड साइन्स, कोपरगाँव)

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

THIS CERTIFICATE IS
AWARDED TO
MS. DHANATA HIOMMATRAO HOLKAR
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Satellite meteorology applications in weather and climate studies"
THIS ONLINE COURSE WAS CONDUCTED DURING 07-08-2023 to 11-08-2023 (Total course duration was = 15 hours).
(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

Date: 28-08-2023
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institute

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director
भा.सु.सं.सं, देहरादून/ IIRS, Dehradun

UID: e9657902b44fc947161c80f32cc46e5b. This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20231172084411

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

MS. BHAVSAR VAISHNAVI RAJENDRA

को "भू-स्थानिक प्रौद्योगिकी द्वारा पुरातत्व अध्ययन"

में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 9 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगांव तालुका एडुकेशन सोसायटी, के जी सोमईया कॉलेज ऑफ आर्टस, कॉमर्स एंड साइन्स, कोपरगांव)

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

THIS CERTIFICATE IS
AWARDED TO
MS. BHAVSAR VAISHNAVI RAJENDRA
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Geospatial Technology for Archaeological studies"
THIS ONLINE COURSE WAS CONDUCTED DURING 07-08-2023 to 11-08-2023 (Total course duration was = 9 hours).
(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/Institute

Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

निदेशक/ Director

Date: 28-08-2023
Place: Dehradun

UID: ae3ddad37951471890e18092a2f433e8 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20231172084439

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

MS. JADHAV SONAL PRAKASH

को "भू-स्थानिक प्रौद्योगिकी द्वारा पुरातत्व अध्ययन"

मे ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 9 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- कोपरगाँव तालुका एडुकेशन सोसाइटी, के जी सोमईया कॉलेज ऑफ आर्ट्स, कॉमर्स एंड साइन्स, कोपरगाँव)

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

THIS CERTIFICATE IS

AWARDED TO

MS. JADHAV SONAL PRAKASH

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Geospatial Technology for Archaeological studies"

THIS ONLINE COURSE WAS CONDUCTED DURING 07-08-2023 to 11-08-2023 (Total course duration was = 9 hours).

(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

Date: 28-08-2023
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator University/Institution

Principal

निदेशक/Director

UID: 35629fd490d47c009e5b2a2631a46861 This Certificate can be validated using URL: https://certificate.iirs.gov.in

अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No.: 20231172084441

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र

MS. LONDHE GAURI SHARADRAO

को " भू-स्थानिक प्रौद्योगिकी द्वारा पुरातत्व अध्ययन "

में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 07 अगस्त, 2023 से 11 अगस्त, 2023 (कुल पाठ्यक्रम की अवधि = 9 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र - कोपरगाँव तालुका एजुकेशन सोसायटी, के जी सोमईया कॉलेज ऑफ आर्टस, कॉमर्स एंड साइन्स, कोपरगाँव)

THIS CERTIFICATE IS

AWARDED TO

MS. LONDHE GAURI SHARADRAO

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Geospatial Technology for Archaeological studies"

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(Concerned IIRS Nodal Centre- Kopargaon Taluka Education Society\'s, K. J. Somaiya College of Arts, Commerce & Science, Kopargaon)

UID- 29c747735 6e742ec696c2f21b50f4dd0. This Certificate can be validated using URL- https://certificate.iirs.gov.in

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

M.A./M.Sc. Geography

List of PPTs

Year – 2022/2023

Topic No.	Name of Topics
PPT 1	Climatic Regions-Tundra,Taiga,China
PPT 2	Climatic Regions-Mediterranean
PPT 3	Tropical and Temperature Cyclones-Development and Distribution
PPT 4	Thunderstorm ,Tornados ,polar Vortex ,Cold wave ,El-Nino, La-Nino
PPT 5	Climatic Regions – Tropical, Deserts, Temperate Grasslands, Monsoon
PPT 6	Climatology Part – II –Jet – Streams, Air mass, Fronts
PPT 7	Climatology – Rainfall Types and Wind Types
PPT 8	Climatology – Atmosphere Structure Aurora
PPT 9	Climatology – Heat budget Temperature inversion
PPT 10	Common Remote Sensing GIS
PPT 11	GPS
PPT 12	GPS(2)
PPT 13	Image enhancement
PPT 14	Introduction to remote sensing
PPT 15	Remote sensing basics & Application
PPT 16	Tides - GIS
PPT 17	Vegetation Application
PPT 18	Ocean Resources , EEZ , petroleum reserves , polymetalic nodules
PPT 19	Coral Reefs and Marine Pollution
PPT 20	Ocean Currents, Waves and Upwelling
PPT 21	Ocean Tides and Major Ports of India.

K.J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

PPT 22	Ocean Temperature Annual and Diurnal Variations
PPT 23	Ocean Water salinity and salt water budget
PPT 24	Indian Geography – Steel and Cement Industries
PPT 25	Minerals reserves – Iron, Copper, Oxide, Mica, Coal
PPT 26	Petroleum and Gas Reserves, International
PPT 27	Nuclear Energy in India – uranium, Thorium, Civil nuke liability law
PPT 28	Indian Livestock – Dairy and fishery sector – inland v/s deep ocean fish
PPT 29	Irrigation types for gas and fertilizers. Organic farming
PPT 30	Agro modernization – green Revolution, Extension Services and marketing
PPT 31	Agriculture land issues land reforms for mains
PPT 32	Soil of India and land use pattern
PPT 33	World Oceanography –China – Mining, Agriculture industries
PPT 34	World Geography – N America(USA, Canada)- Physiography, Climate Resource
PPT 35	World Geography – South America- Physiography, Climate, Economy
PPT 36	World Geography – Japan- Mining Agriculture, Minerals, Industries
PPT 37	World Geography – West Asia Physiography, Rivers, climate, Resources.
PPT 38	World Geography- Africa- Physiography, Rivers climate Resources.
PPT 39	World Geography – Australia- Physiography, Rives, Climate, Resources.
PPT 40	World Geography- New Zealand- Physiography , Drainage, Climate Resources
PPT 41	Landform Types- Plateaus across the world and resources located in them
PPT 42	Geophysical Phenomenon- Earthquakes and tsunamis gas mains
PPT 43	Landform Types- Plans and Rivers of the world.
PPT 44	Great African Rift values , World Geography- Africa and S.E. Asian Island
PPT4 5	Longitudes, Latitudes, Timezonnes and Dateline
PPT4 6	Earths interiors and P Waves, Rock – cycle, Geological time eras.
PPT 47	Plate Tectonics Theory- The Beginning , oceanic plates, continentals.
PPT 48	Continental Drift Theory.
PPT 49	Sea floor, spreading theory.

K. J. SOMAIYA COLLEGE ★ Dept. of Geography ★ KOPARGAON

Head
Department of Geography
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Geography

YouTube lecture

Geography YouTube Lectures – Vasudha MPSC Yutube Chanel

Dr.Vasudev Salunke has uploaded More than 56 Geography Videos Lecture on yutube platform.

FYBA Geography (2019 Pattern)

Subject-Principles of Physical and Human Geography

Sr.No.	Name of Subject	Link of Yutube Video Lecture
1	Introduction to Physical Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3117
2	Lithosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3122
3	Atmosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3132
4	Hydrosphere	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3134
5	Introduction to Human Geography	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3138
6	Population	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3145
	Human Settlements	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3149
7	Agriculture	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3510
8	Map :Introduction, Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3701
9	Scale :Definition and Types	https://econtent.unipune.ac.in:8080/xmlui/handle/123456789/4098

K. J. SOMAIYA COLLEGE Dept. of Geography KOPARGAON

Geography YouTube Lectures – GEO@AKASH@GANGA YouTube Chanel

Mr.Akash Sonawane has uploaded More than 57 Geography Videos Lecture on YouTube platform

BA Geography MA/Msc Geography (2019 Pattern)

Sr.No	Name of Subject	Link of YouTube Video Lecture
1.	Models In Urban geography/Concentric Zone Model.	https://www.youtube.com/@geoakashganga8968/featured
2.	Population study	https://www.youtube.com/watch?v=CW4Qz8HeSrc
3.	Human migration	https://www.youtube.com/watch?v=P_q06HeXhXk
4.	Human resources	https://www.youtube.com/watch?v=FMmdjm1-KIA
5.	Commercial Geography	https://www.youtube.com/watch?v=6dYCqqgeo18
6.	Urban Demography	https://www.youtube.com/watch?v=wRujwxl6wdc
7.	Density of population in cities	https://www.youtube.com/watch?v=OzN5aKgpPNE
8.	Commercial Geography- II	https://www.youtube.com/watch?v=gkEIDB6iGrE
9.	Importance of Commercial Geography & Approach in commercial Geography	https://www.youtube.com/watch?v=2NTem_oytNc
10.	Nature and Scope of Commercial Geography	https://www.youtube.com/watch?v=QVt9_MtAE_U
11.	Introduction of Commercial Geography	https://www.youtube.com/watch?v=T_VrUGa4HY4

K. J. SOMAIYA COLLEGE
Dept. of Geography
KOPARGAON

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science College,

Mohanirajnagar, Kopargaon-423601, Dist-Ahmednagar

Student Centric Activity

Department: **Chemistry** Academic Year: **2022-23**

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	Practical (UG +PG)	Yes	
		Projects (PG)	Yes	02
		Dissertation (PG)	--	--
		On job training	Yes	02
		Study Tour	--	--
		Guest Lecture	18/01/2023	39
2.	Participative Learning	Quiz	--	--
		Student Seminar	15/09/2023to 16/09/2023	50
		STC	--	--
		Scientific model	10/10/2023	52
		Workshop	24/11/2022	6
		Field Visit	--	--
		Avishkar	19/10/2022	02
3.	Problem Solving Methods	Assignments	Yes	--
		Tutorials	Yes	--
		Open book test	--	--
4.	ICT Based Teaching Methods	YouTube Lecture	--	--
		Software Used	12/01/2023	50
		List of PPTs	Yes	--
		Virtual Lab		

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K.J.Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

HEAD
Department of Chemistry

Dr. Satish B. Kale
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

MohanirajnagarKopargaon, Dist-Ahmednagar

Department of Chemistry

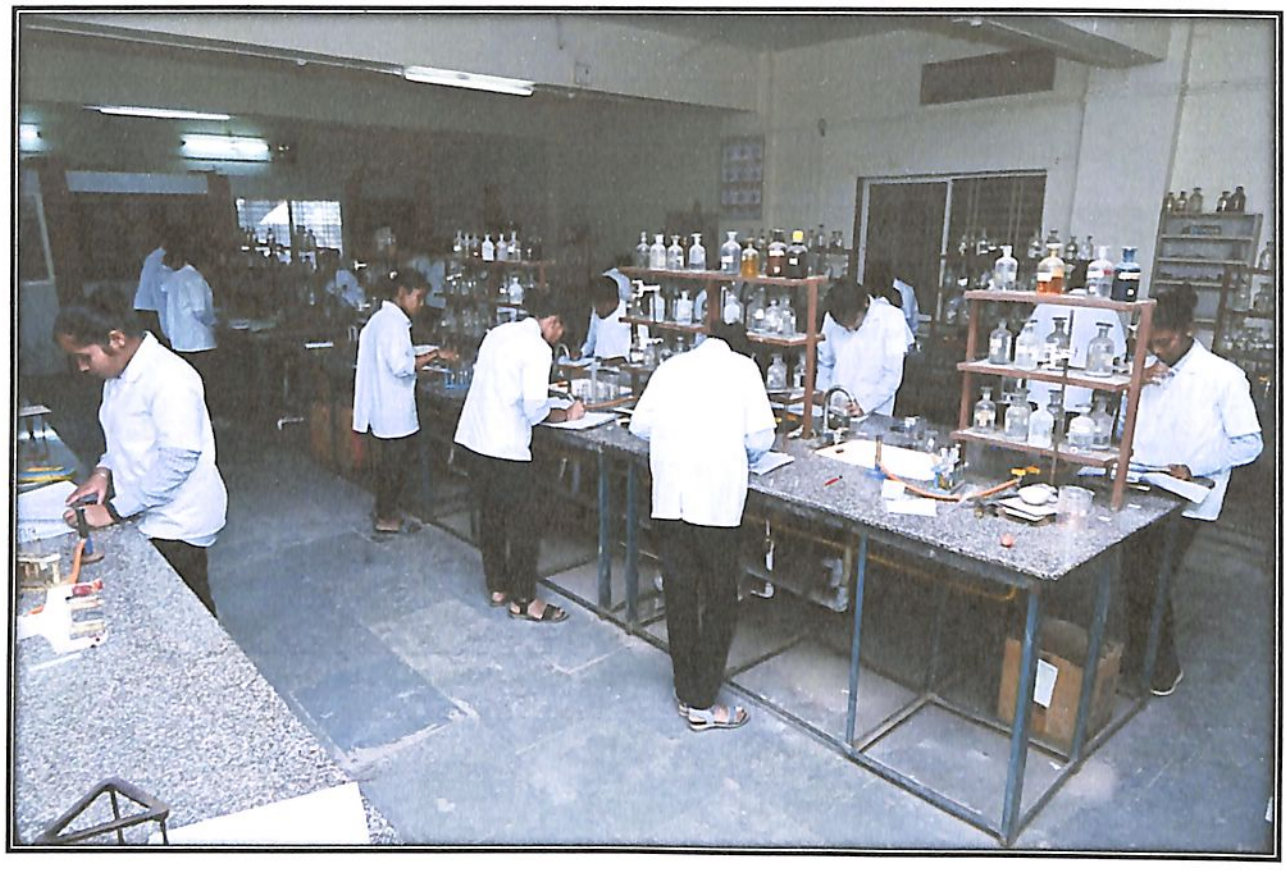
Practical Based Learning (2022-2023)

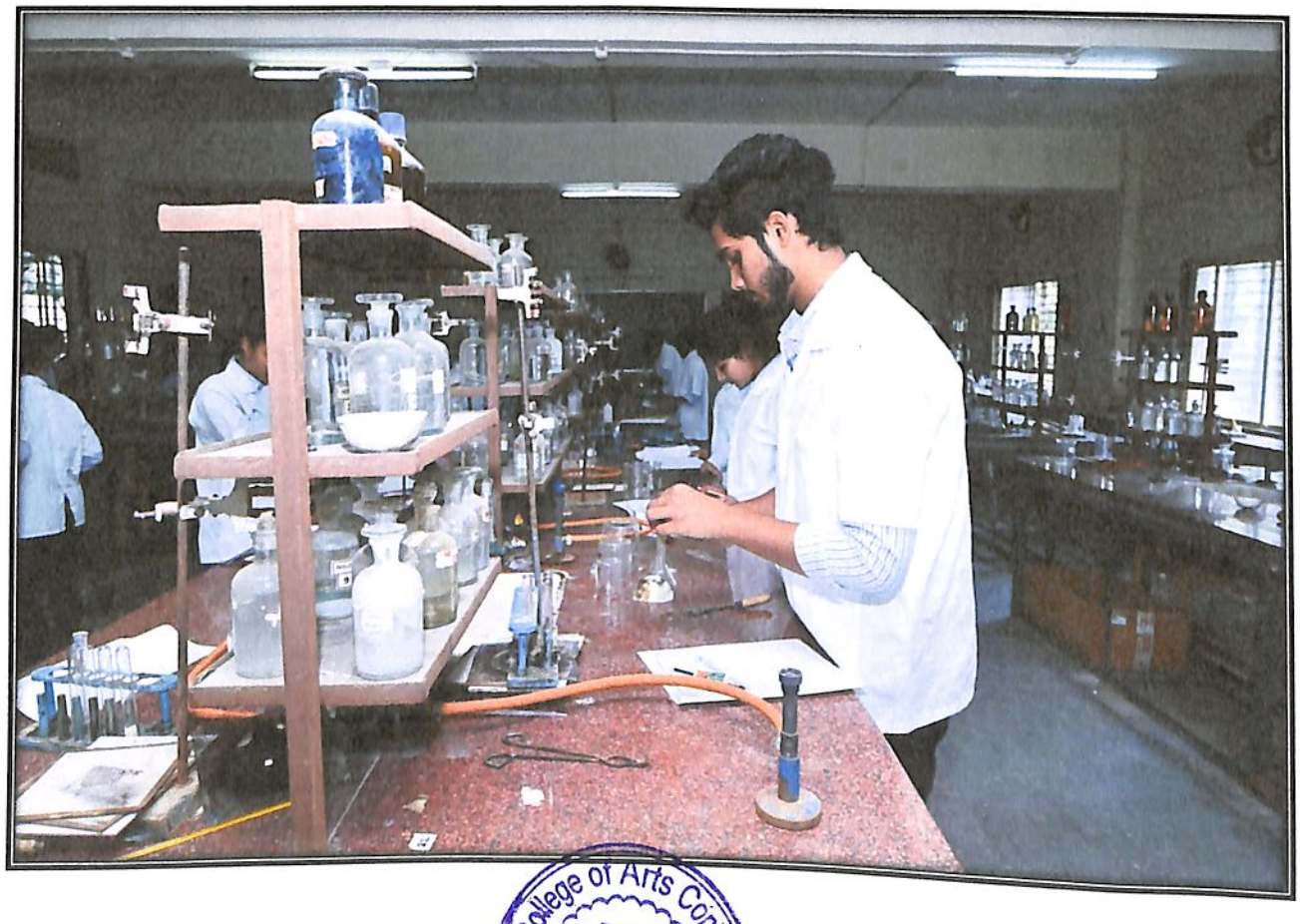
The Department of Chemistry, K. J. Somaiya College, Kopargaon conducts regular practicals as per the syllabus prescribed by the university. At the end of semester/year practical examination was carried out as per the university guidelines. Index and certificates of the various journals are given below.

HOD

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon





K.J.Somaiya College of Arts Commerce & Science
Estd. 1964
Kopargaon

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya College of Art's, Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF CHEMISTRY (P.G.)

Certificate

Roll No. 71 Class : ~~M.Sc. I~~/ M.Sc. II Exam Seat No.

This is to certify that

Mr./~~Miss~~ Gursal Pravin venudas.

has performed all the experiments during the year 2022-23

as per requirements of Savitribai Phule Pune University, Pune.

8/5/2023

Reported 11/05/23

External Examiner

Internal Examiner 15/5/23

Head of the Department

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
	Set-I (A) Convergent		
(1)	Synthesis of 4-nitroanisole from anisole..	10/04/23	
(2)	Synthesis of 4-amino anisole from 4-nitroanisole.	10/04/23	
(3)	Synthesis of 4-nitrotoluene from toluene.	11/04/23	
(4)	Synthesis of 2-acyl-4 nitro Toluene from nitro toluene.	11/04/23	
(5)	Synthesis of 4-methoxy-N-aniline from 4-aminoanisole (2-acyl-4-nitro-toluene)	11/04/23	
	Set-II [Divergent].		
(6)	ethyl benzene from Aceto-phenone.	12/04/23	
(7)	5-Acyl 1-6 methyl-4-phenyl-3-4 unhydried pyrimidin 2(1H) one from acyl Acetone.	12/04/23	
(8)	2,4 dimethyl 1-H-benzo(b)(1,4) diazepine from Acetyl acetone.	13/04/23	
(9)	3,5 Dimethyl pyrazole from Acetyl acetone.	13/04/23	
(10)	3-Benzylidene Pentane-2,4-dione from Acetyl acetone with benzal-dehyde.	15/04/23	

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
	Set (III) (Convergent).		
(11)	1) Acetophenon from benzene.	15/04/23	
(12)	2) 4- amino chlorobenzene from 4- nitro chlorobenzene.	16/04/23	
(13)	3) Quinoline synthesis of by using acetophenone, 4- amino -chloro benzene & styrene.	17/04/23	
	Set (IV) (Divergent)		
(14)	m-nitro Acetophenone from Acetophenone by nitration.	18/04/23	
(15)	Benzylidene acetophenone (chalcone) from Aceto- -phenone using benzaldehyde	18/04/23	
(16)	N (1-phenylethylidene) aniline (schiff base) from Acetophenone using aniline.	19/04/23	
(17)	Benzoic acid & Iodoform from Acetophenone.	19/04/23	

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya College of Art's, Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF CHEMISTRY (P.G.)

Certificate

Roll No. 03 Class : M.Sc. I/ M.Sc. II Exam Seat No.

This is to certify that

Mr./Miss Pawar Ganesh Karna

has performed all the experiments during the year 2022 - 2023

as per requirements of Savitribai Phule Pune University, Pune.

08/05/23

Examined

9/5/23

External Examiner

Internal Examiner

Head of the Department

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
	Organic Chemistry		
1]	Base catalyzed aldol condensation using $LiOH \cdot H_2O$ as a catalyst	17-03-23	
2]	Bromination of trans-stilbene using sodium bromide & sodium bromate	25-03-23	
3]	Benzil Benzilic acid rearrangement under solvent free condition	19-03-23	
4]	Eco-friendly nitration of phenols & its derivatives using Calcium nitrate	21-03-23	
5]	Bromination of acetanilide using ceric ammonium nitrate in aqueous medium	20-03-23	
6]	Green approach for preparation of benzopinacolone from benzopinacol using iodine catalyst	18-03-23	
7]	Preparation of 1, 1-bis-2 naphthol under grinding at room temperature	21-03-23	
8]	Solvent Free aldol condensation bet^n 3, 4-dimethoxybenzaldehyde and 1-Indanone	25-03-23	

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya College of Art's, Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF CHEMISTRY

Certificate

Roll No. 38 Class T.Y.Bsc Exam Seat No.

This is to certify that

Mr./Miss Teke Nikita Machhindra

has performed all the experiments during the year 2022-23

as per requirements of Savitribai Phule Pune University, Pune.

Examined

15/04/23

External Examiner

Internal Examiner

Head of the Department

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
	Organic Estimations		
1	Estimation of glucose	23-2-23	
2	Estimation of glycine	23-2-23	
3	Estimation of Alkali cont-ent in Antacid using HCl	24-2-23	
4	Caffeine from tea leaves	26-2-23	
5	Lycopene from tomato peels	28-2-23	
6	Trimyristin from nutme-g	25-2-23	

6th out of 6th practicals are completed in year 2022-23

15/04/23

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF CHEMISTRY

Certificate

Roll No. 32 Class F.Y.B.Sc Exam Seat No.

This is to certify that

Mr./Miss Shaikh Aaisha Moydin

has performed all the experiments during the year 2022-23

as per requirements of Savitribai Phule Pune University, Pune.

External Examiner	Internal Examiner	Head of the Department

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
1]	To Prepare Moh's salt i.e. Ferrous ammonium sulphate $[FeSO_4][NH_4]_2SO_4].6H_2O$.	28-3-22	
2]	To prepare the dark red oxide pigment, Cu_2O from copper sulphate.	28-3-22	
3]	To Prepare oxime derivative of aldehyde / ketone	31-3-23	
4]	To Prepare 2:4 Dinitrophenyl hydrazone (2:4 DNP) derivative of Aldehydes/ ketones	31-3-23	
5]	To determine the amount of sodium carbonate & sodium hydrogen carbonate present in a mixture	11-4-23	
6]	To determine strength of titrating it with $KMnO_4$	11-4-23	
7]	To purify the given compound by crystallisation in [Hot water]	15-4-23	
8]	To purify the given organic compounds by crystallisation	15-4-23	

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
9]	To Prepare semicarbazone derivative of Aldehyde R-CHO / ketones R-CO-R	15-4-23	

(Completed Total of 10 Practicals)

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Academic Year: 2022-2023

Department of Chemistry

Students List with project Title

Sr. No.	Name of Student	Class	Project Title
1	Mr. Abhishek Subhash Yadav	M.Sc. II	A Synthesis & Characterization of Cu(II) & Zn(II) Complexes of 5-chloro-2-hydroxyphenyl-1-4-fluorophenyl-1H-pyrazol-4-yl-methanone oxime
2	Mr. Sahil Umesh Ubale	M.Sc. II	A Synthesis & Characterization of Cu(II) & Zn(II) Complexes of N'-4-methoxybenzylidene) cinnamohydrazide

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Academic Year: 2022-2023

Date: 01/12/2022

Notice

All the students of M.Sc.-II (Organic Chemistry) are hereby informed that Department of Chemistry is going to conduct Research Projects for final year students. The projects is the part of syllabus in the course CHO-453. The interested students are supposed to confirm their name on or before 10th December 2022.

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopergaon Taluka Education Society's

K. J. Somaiya College of Art's, Commerce and Science, Kopergaon

Department of Chemistry

Research Project Report 2022-23

- Department of Chemistry, K. J. Somaiya College of Art's, Commerce & Science, Kopergaon displayed a notice for M.Sc. II (Organic Chemistry) for enrollment of students in the Research Projects.
- Two students Mr. Abhishek Yadav and Mr. Sahil Ubale were selected to perform Research Project as a part of syllabus.
- Both students completed a literature survey regarding the topic given to them.
- The starting compounds were prepared in the laboratory in the month of January 2023 and characterized by TLC, M. P. and IR analysis. The results were found satisfactory.
- In February 2023 the target molecules were synthesized by conventional method.
- In March 2023 the synthesized compounds were characterized by TLC, M. P., IR Analysis, percent yields, solution conductivity etc.
- The results obtained are as per expectations.
- In April 2023 the final Projects copies were submitted in the department.
- In May 2023 the Projects were evaluated by two external subject Experts and Head of the department.
- Thus the projects completed satisfactorily.

A Research project entitled

"A Synthesis & Characterization of Cu(II) & Zn(II) Complexes of N'-4-methoxybenzylidene)cinnamohydrazide"

Carried out as a part of curriculum (CHO-453) for the
*Degree of **Master of Science** in **Organic Chemistry***

Submitted to

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

Submitted by

Mr. Sahil Umesh Ubale

Under the Guidance of

Dr. N. T. Dhokale

(M. Sc., SET, Ph.D.)

Assistant Professor,
Department of Chemistry,
K J Somaiya College of Arts, Commerce and Science,
Kopargaon-423601

Academic Year-2022-23

Certificate

This is to certify that **Mr. Sahil Umesh Ubale** student of M.Sc. IInd, Organic Chemistry, has submitted his project work entitled **"A Synthesis & Characterization of Cu(II) & Zn(II) Complexes of N'-4-methoxybenzylidene) cinnamohydrazide"** Under the supervision of **Dr. N. T. Dhokale,** Assistant Professor, Dept. of Chemistry, K. J. Somaiya College, Kopargaon As per guidelines for submission of Project Work set by S. P. PUNE UNIVERSIT, PUNE. He has carried out Project Work in Chemistry Department of this college during the Academic Year 2022-23. It is based on the information collected and experiment performed by him only. No other student of this college has submitted the Project Work on the same topic.

Head Dr. Sa[illegible] D. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Investigator/Supervisor

Principal
Principal
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

Ext. Examiner examined by R.K. Mangal (Abhijit) 12/05/23

12/5/23
S.D. Kale

A Research project entitled

"A Synthesis & Characterization of Cu(II) & Zn(II) Complexes of 5-chloro-2-hydroxyphenyl-1-4-fluorophenyl-1H-pyrazol-4-yl-methanone oxime"

Carried out as a part of curriculum (CHO-453) for the
*Degree of **Master of Science** in **Organic Chemistry***

Submitted to

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

Submitted by

Mr. Abhishek Subhash Yadav

Under the Guidance of

Dr. N. T. Dhokale

(M. Sc., SET, Ph.D.)

Assistant Professor,
Department of Chemistry,
K J Somaiya College of Arts, Commerce and Science,
Kopargaon-423601

Academic Year-2022-23

Certificate

This is to certify that **Mr. Abhishek Subhash Yadav** student of M.Sc. IInd, Organic Chemistry, has submitted his project work entitled **"A Synthesis & Characterization of Cu(II) & Zn(II) Complexes of 5-chloro-2-hydroxyphenyl-1-4-fluorophenyl-1H-pyrazol-4-yl-methanone oxime"** Under the supervision of **Dr. N. T. Dhokale,** Assistant Professor, Dept. of Chemistry, K J Somaiya College, Kopargaon As per guidelines for submission of Project Work set by S. P. PUNE UNIVERSIT, PUNE. He has carried out Project Work in Chemistry Department of this college during the Academic Year 2022-23. It is based on the information collected and experiment performed by him only. No other student of this college has submitted the Project Work on the same topic.

Head

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Investigator/Supervisor

Principal

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

The following students are selected for On job training purpose.

Sr. No.	Name of Student	Class	Placement
1.	Mr. Jadhav Sadashiv Ashok	M.Sc.(Organic chemistry)	Thane (Mumbai)
2.	Mr.Bangude Nandu Narayan	M.Sc. (Organic chemistry)	Goa

Head

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

NAPROD

Date: 06/10/2023

Mr. Sadashiv Ashok Jadhav
At & Post - Kusmadi,
Tal – Yeola, Dist – Nashik,
Maharashtra – 423 403.

Sub: Offer Letter

Dear Sadashiv,

We are pleased to inform you that you have been selected as **"Apprentice/Trainee Officer"** in **Quality Control** department for NAPROD LIFE SCIENCES PVT. LTD. The detailed appointment letter will be given to you after your joining. Initially you will be on training for duration of One Year depending on your performance. As per our discussion and as agreed you are hereby requested to join this organization on or before **16th October 2023**. This offer is valid subject to your medical fitness & the information furnished in the application is true.

Please submit the following documents at the time of joining (with all originals):-

1) All the certificates and mark sheet copies.
2) Four passport size red back ground photographs
3) Medical fitness certificates. (Eye / Blood / Urine test reports/Chest X-Ray etc).
4) Birth certificate / School leaving certificate
5) Copy of Ration Card, PAN Card & Aadhar Card
6) Covid vaccination certificate.

Pl. sign and return us the duplicate as a token of your acceptance thereto.

We wish you good luck for your career in our organization.

Thanking you,

For NAPROD LIFE SCIENCES PVT.LTD.

Bhoir
6/10/2023

Praful J. Bhoir
Sr. Manager – HR & Admin

CRISIL MSE 2*

Naprod Life Sciences Pvt. Ltd.

Regd. Off.: 304, Town Centre, Andheri-Kurla Road, Andheri (E), Mumbai - 400 059. INDIA.
Tel.: +91 22 6693 9000
Factory: G-127, MIDC, Tarapur, Boisar, Dist. Palghar - 401 506, Maharashtra, INDIA.
Tel.: +91 7525 661110/661111
www.naprodgroup.com
CIN No.: U24230MH1993PTC057496

TMPCON012429835

Model Contract of Apprenticeship Training for Major/Minor* Apprentices



1.	Name and Registered Address of Establishment	: Unichem Laboratories Ltd. (E08173000031)
	with Telephone no. & E-mail address	: Plot no. 15, 16, 17, 17A & 18, Pilerne Industrial Estate, Pilerne, Bardez Goa., PanjimNorth Goa, Goa : 0832-66555016 : utkarsh.patil@unichemlabs.com
2.	(a) Name of Apprentice (Block Letters)	: NANDU NARAYAN BHANGUDE (A012401675)
	(b) Father's/Mother's /Spouse's Name	: Narayan Bhangude
3.	Address of apprentice	: null, null, near mahadev temple, null, M : aharashtra, Ahmednagar, 423603, null, : Ahmednagar, Maharashtra
4.	Gender	: Male
5.	Date of Birth	: 08-11-1999
6.	(a) Whether belongs to SC/ST/OBC/PwD/ Minority	: No
	(b) Name of the Category	: General
7.	Educational Qualification (Highest)	: Graduate - B.Sc
8.	(a) Category of Apprenticeship	: Designated
	(b) Name of the trade for which Apprentice is training	: Laboratory Assistant (Chemical Plant)
9.	(a) Whether Basic Training is to be provided as part of Apprenticeship	: No
	(b) If Basic Training is exempt - reason for exemption	
	(i) Name of the Course	: Graduate
	(ii) Duration of Training/Course	: From 2017-06-01 00:00:00 To 2020-04-30 00:00:00
	(iii) Name of the Institute	: Savitribai Phule Pune University
	(iv) Name of the Sector Skill Council (if applicable)	: N/A
10.	Apprenticeship Training duration (Total)	: 3120 Hours
	(a) Duration of Basic Training	: N/A
	Period of Basic Training	: N/A
	(b) Duration of On-the-Job Training	: 3120 Hours
	Period of On-the-Job Training	: From 01-01-2024 to 31-12-2024
	(c) Training Type	: Sequential
11.	Apprenticeship Training Location	: Unichem Laboratories Goa
	(a) Name and address of facility where Basic Training is to be provided	: N/A
	(b) Name and address of the facility where On-the-Job Training is to be provided	: Unichem Laboratories Ltd. Unichem Laboratories Goa North Goa Goa
12.	(a) Date of execution of contract	: N/A
	(b) Age of Apprentice on the date of execution of contract	: 24 years, 2 months and 2 days
13.	Is the establishment opting for benefits under NAPS*?	: No

*If yes, Annexure 2 to this contract will also be applicable.

INSTA VISION

Laboratory and Services

Placement News



From Educational Institute
K.J Somaiya College
Kopargaon

University:-
Savitribai Phule Pune University, Pune

Native Place :-
Nashik

Mr. Sadashiv Ashok Jadhav
M.Sc. Organic Chemisrty

Placed at...

Naprod Life Sciences Pvt. Ltd.
Boiser, Thane
Quality Control Department

NAPROD

CONGRATULATIONS

INSTA VISION

Laboratory and Services

IVLS

Placement News



From Educational Institute
K.J. Somaiya College Of Art's, Commerce & Science, Kopargaon

University:-
Savitribai Phule Pune University, Pune

Native Place :-
Ahmadnagar

Mr. Nandu Narayan Bhangude
M.Sc. Organic Chemistry

Placed at...

Unichem Laboratories Ltd.
Goa
Quality Control Department

UNICHEM LABORATORIES LTD.

CONGRATULATIONS

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Guest Lecture

This is hereby to inform all students that Department of Chemistry is going to arrange Guest Lecure of Hon. Ajit Ekal (Managing director) of _INSTA VISION LABORATORY AND SERVISES on TheTopic of Skill Required for Chemistry to get Job in Pharma Industry at Department of Chemistry on **18nd Jan 2023 at 10:30am.**

All the students of department should present and take active participation in above said programe.

HOD
Department of Chemistry
Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Photographs of Guest Lecture Programme





Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Chemistry

Guest Lecture

Attendance of Students

18 Jan 2023

Sr.N	Name Of Student	Class	Signature
1)	Kekan Shital Rajendra	MSc-I	Shital
2]	Kale Vaishnavi Rajendra	MSc-I	Kale.
3]	Gotral Nikita Gokul	M.Sc-I	Gotral N.
4]	chavandake Girija Santosh	M-SC-I	Girija
5)	Raashur Shraddha Ashok	M.Sc-I	Shraddha
6]	Tamboli Saniya Riyaj	M.Sc-I	STamboli
7]	Sonap Tejaswini Vilas	M.Sc-I	Tejaswini
8]	kurkute sayali Dattatray	M.Sc-I	kurkute.
9]	Pachore Dnyaneshwari Annasaheb	M.Sc-I	DP
10]	Sable Priyanka Vilas	M.Sc.-I	Priyanka
11]	Jadhav Ashwini Shivaji	M.Sc.-I	Jadhav
12)	Borbane Archana Bhaskar	M.Sc-I	Borbane
13)	Vishwasrao Vemila Somnath	M.Sc-I	Vemilaw.
14)	Jadhav Pallavi Balasaheb	M.Sc.I	Jadhav.P
15)	Deshmukh Pranali Raju	M.Sc-I	PDM
16]	Teke Kartiki Rajendra	msc-I	Kartiki
17)	Bagal Aishwarya Yogesh	MSc-I	A.Y.Bagal
18)	Pawar Shubhangi Anil	MSc.I	SPawar
19)	Gaikwad Ankita Rajesh	Msc.I	Ankita
20)	Kable Pooja chandrakant	Msc-I	Pooja.
21)	Bhawar Rupali Ramesh	Msc-I	Rupali
22]	Pawar Maya changdev	MScII	Maya.

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Chemistry

Guest Lecture

Attendance of Students

18 Jan 2023

Sr.N	Name Of Student	Class	Signature
1)	Pawar Ganesh Karna	M.Sc-I	
2)	More Sanket Changdev	Msc-I	
3)	Belote Dipak Dyandev	Msc-I	
4)	Kalpe Shubham Vilas	Msc-I	
5)	Telange Pawan Manik	Msc-I	
6)	Labhade Shubham Vitthal	Msc-I	
7)	Waghchaure Prathamesh N.	Msc-I	
8)	Pirate Tejas Ravsaheb	MSC-I	
9)	Wagh Pranay Balasaheb	MSc-I	
10)	Pawar Samadhan Balu	MSc-I	
11)	Kokate Umesh Sakharchand	MSc-I	
12)	HON MAHESH SHANTILAL	MSC-I	
13)	Shaikh Arbaj Anis	msc-I	

Kopargaon Taluka Education Society's,

K.J. Somaiya College of Arts, Commerce and Science,

Kopargaon-423601,

Department of Chemistry

Guest Lecture Activity Report

The Department of Chemistry, K. J. Somaiya College, Kopargaon has organized a guest lecture on 18/01/2023.

50 students from M.Sc. part-2 were participated in guest lecture.

- The Topic of lecture is Skill Required for Chemistry to get Job in Pharma Industry. This lecture is valuable for students future life.
- The student actively participated in the Q and A session, seeking advice on specific skill development strategies and sharing their own experiences.

Head of the Department

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

This is inform to all M.Sc Organic Chemistry students that the Department of Chemistry has organized two days students seminar on 15/09/2022 to 16/9/2022 at 10:30 AM at Class Number-48. All the students are requested to present their seminar on scheduled date.

Topics for Seminar Presentation (Any one)

1. Symmetry Elements

2. Point Group of Different Molecules.

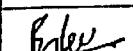
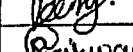
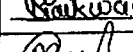
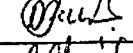
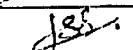
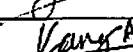
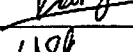
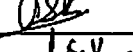
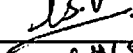
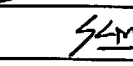
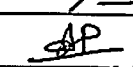
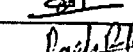
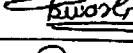
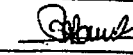
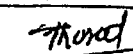
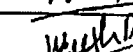
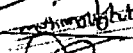
3. Representation of Molecule using Model.

vibhute

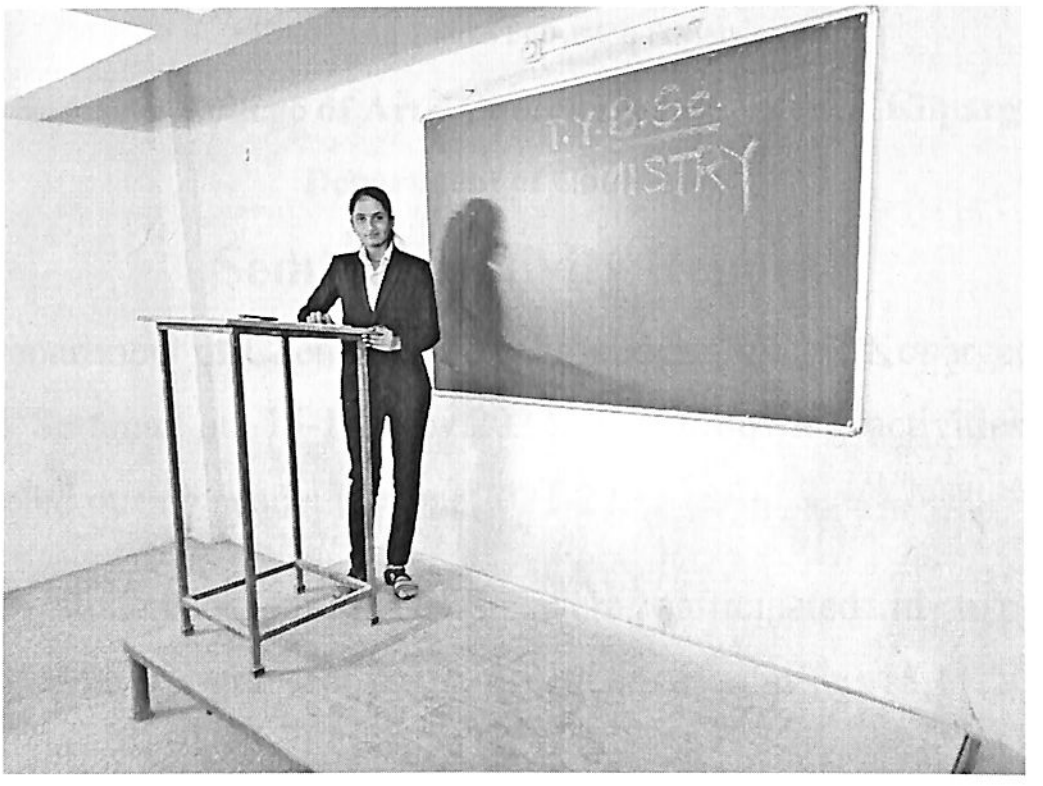
Name of Teacher

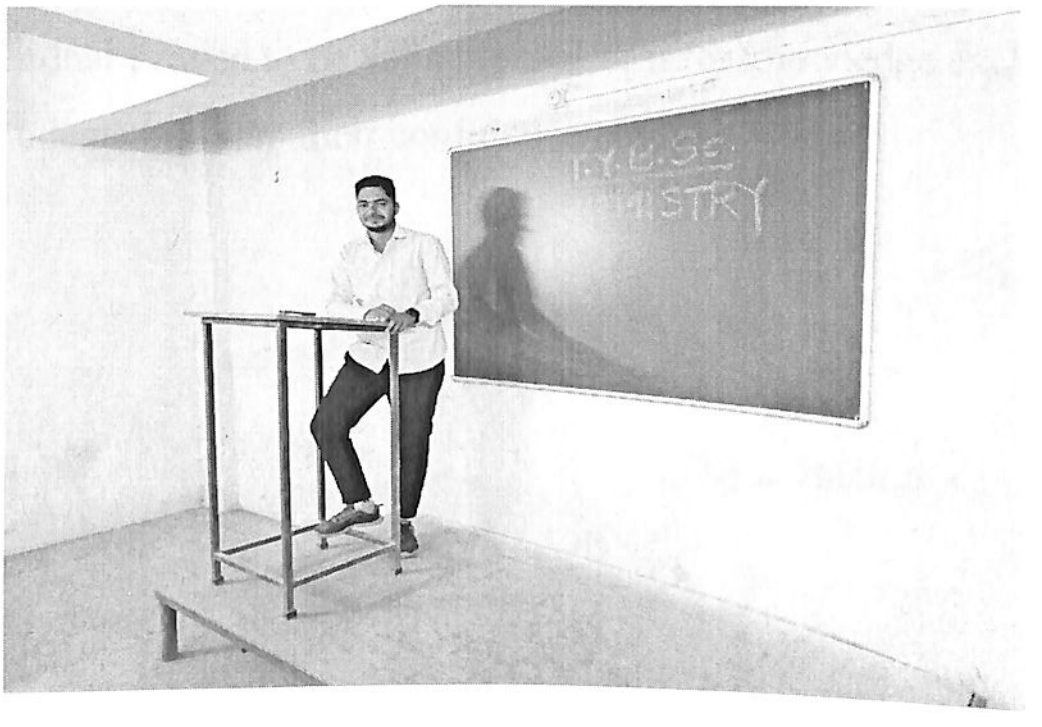
Prof. Vibhute C.P.

The following Students were present for seminar

Sr. No	Name of the student	Signature
1	Bhosale Ashutosh Dilip	
2	Dhange Siddhi Bhausaheb	
3	Gaikwad Rohini Prahlad	
4	Hon Mahesh Shantalal	
5	Jadhav Pallavi Balasaheb	
6	Jape Sainath Sunil	
7	Kangane Aarti Somnath	
8	Kokate Umesh Sakharchand	
9	Labhade Shubham Vitthal	
10	Madhvai Nikita Somnath	
11	More Sanket Changdev	
12	Pachore Dyaneshwari Annasheb	
13	Pachore Rutik Rajendra	
14	Pawar Ganesh Karna	
15	Pawar Sanadhan Balu	
16	Thorat Vishal Antran	
17	Wagh Pranay Balasheb	
18	Waghchoure Pratmesh Navnath	
19	Yadav Nilendra Lalamani	
20	Devidas Akangsha Jaivant	
21	Ahvad Rutuja Yogesh	
22	Bagal Aishwarya Yogesh	
23	Belote Dipak Dyandev	

24	Bhavar Rupali Ramesh	
25	Borbane Archana Bhaskar	
26	Chvandke Girija Santosh	
27	Deshmukh Pranali Raju	
28	Diwate Tejas Raosaheb	
29	Gaikwad Vaishnavi Bhimrao	
30	Girme Ankita Rajesh	
31	Gotral Nikita Gokul	
32	Jadhav Ashwini Shivaji	
33	Jamdar Anuja Macchindra	
34	Kale Vaishnavi Rajendra	
35	Kekan Shital Rajendra	
36	Kolpe Shubham Vilas	
37	Kurkute Sayli Dattatray	
38	Pawar Maya Changdev	
39	Pawar Shubhangi Anil	
40	Sable Pooja Chandrakant	
41	Sable Priyanka Vilas	
42	Sanap Tejaswini Vilas	
43	Shaikh Arbaj Anis	
44	Ranshur Shradha Ashok	
45	Tamboli Saniya Riyaz	
46	Teke Kartiki Rajendra	
47	Telange Pawan Manik	
48	Vishwasrao Urmila Somnath	
49		


T.Y.B.Sc.


T.Y.B.Sc.

Kopargaon Taluka Education Society's,

K.J. Somaiya College of Arts, Commerce and Science, Kopargaon,

Department of Chemistry

Seminar Activity Report

The Department of Chemistry, K. J. Somaiya College, Kopargaon has signed Seminar on 15-16 Nov.2022. The following activities were conducted during academic year 2021-22.

- 39 students from T.Y.B.Sc were participated in two days Seminar program at Dept of chemistry during 15.11.2022 to 16.11.2022.
- T.Y.B.Sc students delivered lecture on different topic. The seminar proved to be valuable platform for knowledge exchange.
- Students build up their confidence on this seminar.

Head

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

This is inform to all M.Sc I Organic Chemistry students that the Department of Chemistry has organized students Model Representation on 10/10/2023 at 10:30 a.m. at Class Number-48. All the students are requested to present their Symmetry Model on scheduled date.

Vibhute

Name of Teacher

Prof. Vibhute C.P.

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Chemistry

Attendance of Students

Sr.N	Name Of Student	Class	Signature
1]	Pawar Maya changdev	MSc-I	Maya
2]	kale Vaishnavi Rajendra.	Msc-I	
3)	Kekan Shital Rajendra	MSc-I	shital.
4)	Gotral Nikita Gokul	M.Sc-I	
5]	chavandake Girija Santosh	MSc-I	
6)	Ranshur Shraddha Ashok	M.Sc-I	
7]	Tamboli Saniya Riyaj	M.Sc-I	
8]	Sanap Tejaswini vilas	M.Sc-I	
9)	Kurkute sayali Dattatray	MSc-I	
10)	pachore Dnyaneshwari Aanasaheb	M.Sc-I	
11)	Sable Priyanka Vilas	M.Sc.-I	
12)	Jadhav Ashwini shivaji	MSC-I	
13)	Borbane Archana Bhaskar	M.Sc-I	
14)	Vishwasrao Uemila Somnath	M.Sc-I	
15)	Jadhav Pallavi Balasaheb	M.Sc-I	
16)	Deshmukh Pranali Raju	M.Sc-I	
17]	Teke Kartiki Rajendra	MSc-I	Kartiki
18)	Bagal Aishwarya Yogesh	MSc-I	A.Y.Bagal
19)	Pawar Shubhangi Anil	MSc-I	
20)	Girme Ankita Rajesh	MSc-I	
21)	Sable pooja chandrakant	MSc-I	
22)	Bhawar Rupali Ramesh	MSc-II	

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Chemistry

Attendance of Students

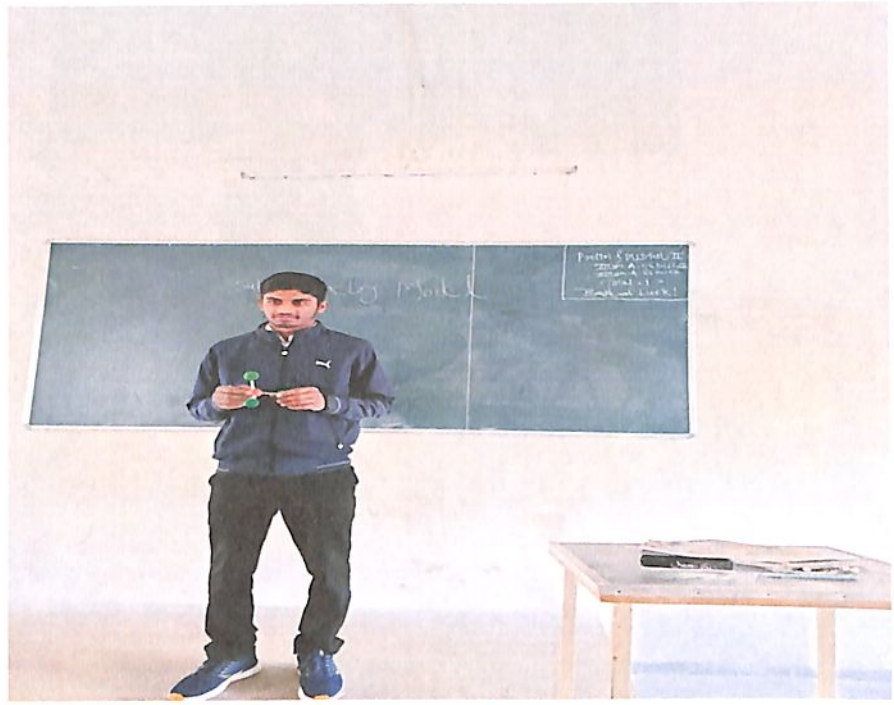
Sr.N	Name Of Student	Class	Signature
1	Pawar Ganesh Karna	M.Sc-I	Pawarole
2	More Sanket Changdev	M.Sc. I	
3	Telange Pawan Manik	MSc- I	
4	Belote Dipak Dnyandev	MSC-I	
5)	kolpe shubham vilas	MSc-I	Kolpe
6)	Waghchaure Prathamesh Navnath	MSc-I	
7)	Lokhade shubham vitthal	Msc-I	
8)	Shaikh Arbaj Anis	msc-I	Shaikh
9)	divate tejas Rausaheb	msc-I	Divate
10)	HON MAHESH SHANTILAL	MSC-I	
11)	KOKATE UMESH SAKHARCHAND	MSC-I	
12)	Wagh Pranay Balasaheb	MSC-I	
13)	Pawar siddhan Balu.	msc-I	

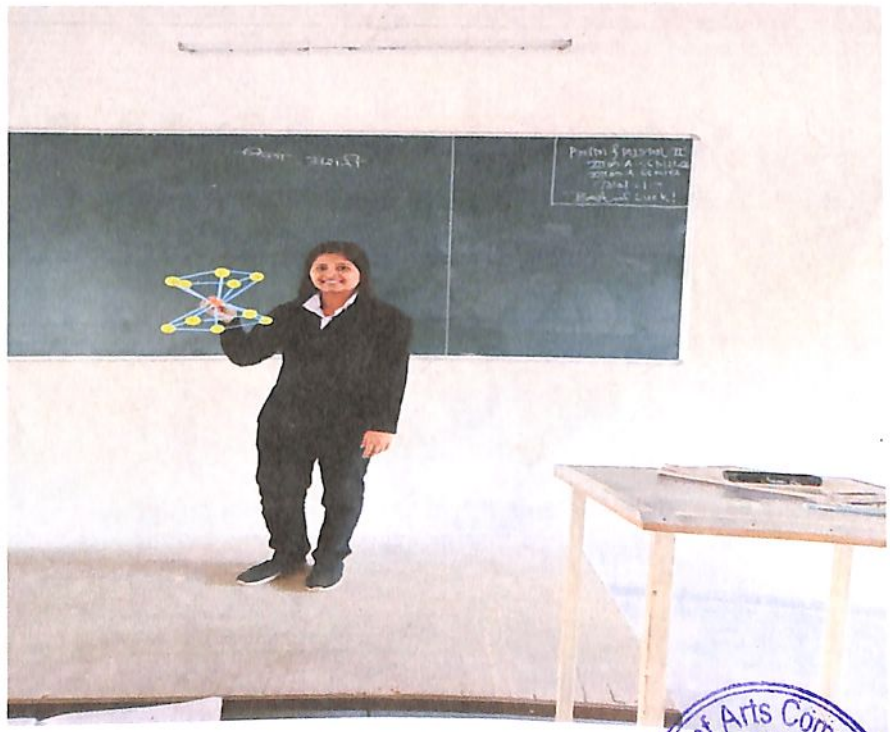
Kopargaon Taluka Education Society's

K.J. Somaiya College Kopargaon

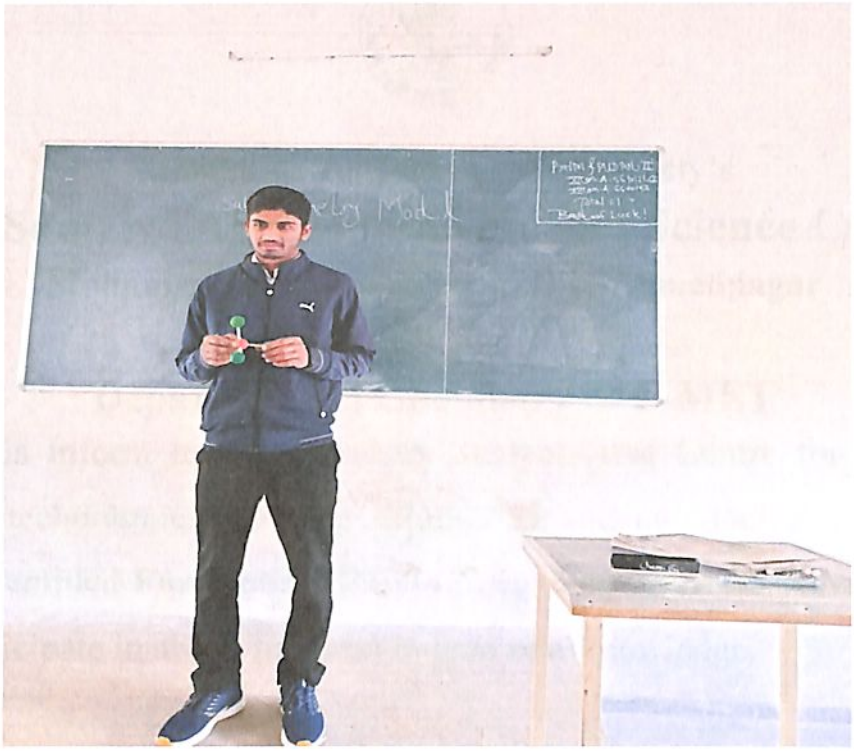
Department of Chemistry

Student Model Representation Activity-Photographs





College of Arts Commerce & Science
Estd. 1954
Kopargaon





Kusumaliya College of Arts Commerce & Science
Estd. 1964
Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry & C-MET

This is inform to all Chemistry students that Centre for material for electronic technologies(C-MET), Pune organizing Online International Conference entitled **Functional Glasses** being held on **24-25 November 2022.** Kindly, participate in above program to gain new knowledge.

Head

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's,

K.J. Somaiya College of Arts, Commerce and Science, Kopargaon,

Department of Chemistry MOU with C-MET

Activity Report

The Department of Chemistry, K. J. Somaiya College, Kopargaon has signed MOU with Centre for Materials for Electronics Technology (C-MET) Pune and C-MET organized a international conference on Functional Glasses held on 24-25 November 2022

- 6 (Ten) students from M.Sc. part-2 were participated in online two days conference program at C-MET, Pune during 24.11.2022 to 25.11.2022. During this conference various expert lectures were organized for students. C-MET, Pune was organized international conference in association with Materials Research Society of India on Functional Glasses/ Glass Ceramics (ICFGGC-2022) on 24-25 November 2022. This conference is free for students of our college, 6 students and 3 faculties were participated in this conference.
- The expert lectures were organized on various topics for M. Sc. students (Physics and Chemistry) by C-MET Pune in collaboration with K. J. Somaiya College Kopergaon.
- The following students are participated in international conference.

Sr. No.	Name of Student	Class
1	Bagal Aishwatya Yogesh	M.Sc
2	Borbane Archana Bhaskar	M.Sc
3	Jadhav Ashwini Shivaji	M.Sc
4	Kolpe Shubham Vilas	M.Sc
5	Labhade Shubham V.	M.Sc
6	More Sanket Changdev	M.Sc

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)

Organized by

Centre for Materials for Electronics Technology (C-MET) Pune

in Association with

Materials Research Society of India(MRSI)

Certificate Of Participation

This is to certify that Borbane Archana Bhaskar from K. J. Somaiya College of Arts, Commerce & Science, Kopergaon has successfully attended by online mode **"International** Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)" held at Centre for Materials for Electronics Technology (C-MET) Pune, from 24th to 25th November 2022.

Dr. Bharat B. Kale
Director General
CMET

Dr. Tanay Seth
Scientist 'F' & Convener,
C-MET

International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)

Organized by

Centre for Materials for Electronics Technology (C-MET) Pune

in Association with

Materials Research Society of India(MRSI)

Certificate Of Participation

This is to certify that Bagal Aishwarya Yogesh from K. J. Somaiya College of Arts, Commerce & Science, Kopergaon has successfully attended by online mode **"International** Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)" held at Centre for Materials for Electronics Technology (C-MET) Pune, from 24th to 25th November 2022.

Dr. Bharat B. Kale
Director General
CMET

Dr. Tanay Seth
Scientist 'F' & Convener,
C-MET

International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)

Organized by

Centre for Materials for Electronics Technology (C-MET) Pune

in Association with

Materials Research Society of India(MRSI)

Certificate Of Participation

This is to certify that Jadhav Ashwini Shivaji from K. J. Somaiya College of Arts, Commerce & Science, Kopargaon has successfully attended by online mode ***"International*** Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)" held at Centre for Materials for Electronics Technology (C-MET) Pune, from 24th to 25th November 2022.

Dr. Bharat B. Kale
Director General
CMET

Dr. Tanay Seth
Scientist 'F' & Convener,
C-MET

International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)

Organized by

Centre for Materials for Electronics Technology (C-MET) Pune

in Association with

Materials Research Society of India(MRSI)

Certificate Of Participation

This is to certify that Kolpe Shubham Vitas from K. J. Somaiya College of Arts, Commerce & Science, Kopargaon has successfully attended by online mode ***"International*** Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)" held at Centre for Materials for Electronics Technology (C-MET) Pune, from 24th to 25th November 2022.

Dr. Bharat B. Kale
Director General
CMET

Dr. Tanay Seth
Scientist 'F' & Convener,
C-MET

International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)

Organized by

Centre for Materials for Electronics Technology (C-MET) Pune

in Association with

Materials Research Society of India(MRSI)

Certificate Of Participation

This is to certify that Labhade Shubham V. from K. J. Somaiya College of Arts, Commerce & Science, Kopergaon has successfully attended by online mode **"International** Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)" held at Centre for Materials for Electronics Technology (C-MET) Pune, from 24th to 25th November 2022.

Dr. Bharat B. Kale
Director General
CMET

Dr. Tanay Seth
Scientist 'F' & Convener,
C-MET

International Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)

Organized by

Centre for Materials for Electronics Technology (C-MET) Pune

in Association with

Materials Research Society of India(MRSI)

Certificate Of Participation

This is to certify that Mora Sanket Changdev from K. J. Somaiya College of Arts, Commerce & Science, Kopergaon has successfully attended by online mode **"International** Conference on Functional Glasses / Glass-Ceramics (ICFGGC-2022)" held at Centre for Materials for Electronics Technology (C-MET) Pune, from 24th to 25th November 2022.

Dr. Bharat B. Kale
Director General
CMET

Dr. Tanay Seth
Scientist 'F' & Convener,
C-MET

Kopargaon Taluka Education Societys

K.J. Somaiya College Kopargaon

Department of Chemistry

Avishkar Report

K. J. Somaiya College, Kopargaon has organized Avishkar presentation competition of ideas of students and researchers on 19 October 2022. This programme was open to all young students and faculties. This programme was inaugurated by the Principal of our college Dr. B. S. Yadav and delivered keynote address to the audience. Under graduate and Post graduate students were presented their ideas and posters before the expert committees. Two students such as Miss. Gadve Bhagyashree, UG-student and Mr. Nagre S.S. Ph. D scholar, from Department of Chemistry, were Participated this programme. These presented their ideas before expert committee and selected in college level Avishkar competition and send to university zonal level competition.

Name of Teacher

Head of the Department

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon





Students presenting their ideas before expert committee.

College of Arts Commerce & Science
Estd.
1954
Kopargaon



Students presenting their ideas before expert committee.

K.J. Somaiya College Kopargaon

Department of Chemistry

Avishkar Competition

Sr. No.	Name Of Student	Class	RollNo. / Contact No.	Signature
1	Mr. Nagre S.S.	Ph. D	9850343574	
2	Miss. Gadve Bhagyashree	S.Y. B. Sc	7276223647	
3				

K.J. Somaiya College of Arts Commerce & Science Estd. 1954 Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Chem-Draw Software Training

This is hereby to inform all students that Department of Chemistry is going to arrange Demonstrating Chem Draw with help of software in Department of Chemistry on 12th Jan 2023 at 10:30 am.

All the students of department should present and take active participation in above said program.

Subject Teacher

Dr. S. G. Konda

List of Students Participated in Software Training

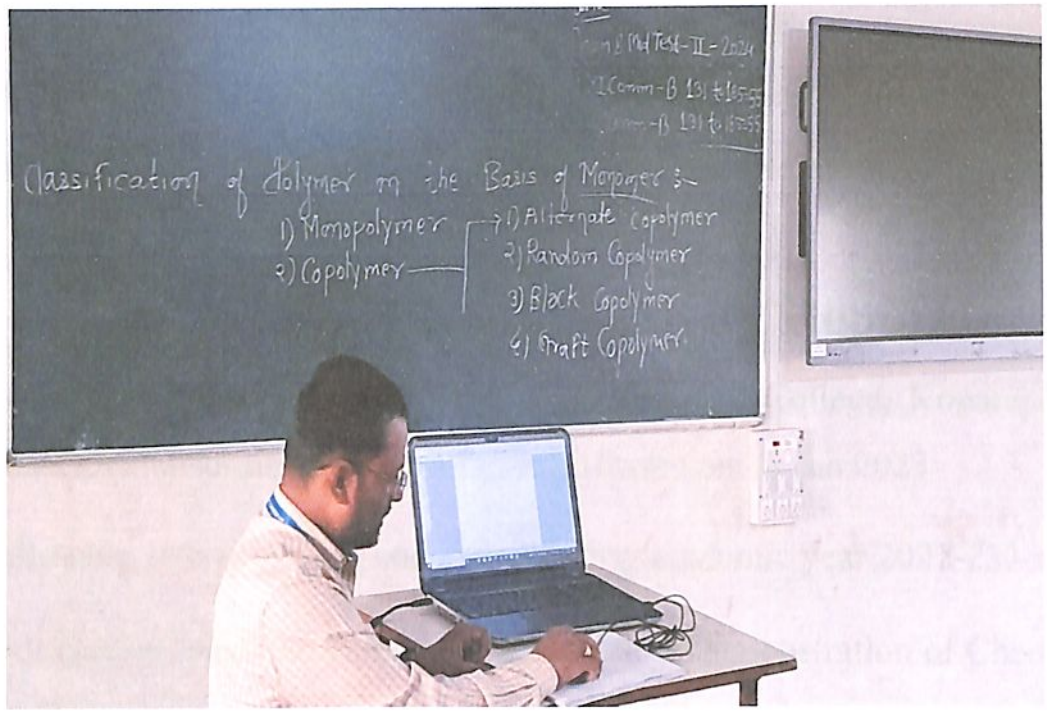
Sr. No.	Name of the Student	Sign
1.	ARGADE PRAJAKTA SOMNATH	
2.	ASHTEKAR SHARAYU D.	
3.	AUTADE PRATIKSHA ABASAHEB	
4.	AUTADE SAMITA BALASAHEB	
5.	AUTADE TEJAL PARAJI	
6.	AWARE RUTUJA RAJENDRA	
7.	AWARE SHASHANK SURESH	
8.	BHAD VAIBHAV SUDAM	
9.	BHANGUDE NANDU NARAYAN	
10.	BHUJADE MUKUND ARUN	
11.	BHUJADE PALLAVI RAJENDRA	
12.	CHAUDHARI ASHWINI RAJENDRA	
13.	CHAUDHARI SANGITA BALASAHEB	
14.	GAIKWAD DHANSHRI ULLHAS	
15.	GAVALI MAHESH MADHAV	
16.	GHUMARE TANUJA ANNASAHE	
17.	GORDE RUSHIKESH RAJENDRA	
18.	GORDE SANKET BADSHAH	
19.	GURSAL AKSHATA BALASAHEB	
20.	HIWALE UMASHANKAR GIRJINATH	
21.	HON SHUBHAM VISHNU	
22.	JADHAV AKSHAY SHANTARAM	
23.	JADHAV POOJA PRALHAD	
24.	JADHAV SADASHIV ASHOK	
25.	JORE NIKITA VIKRAM	
26.	KALE KAJAL SANJAY	
27.	KALE RUTUJA RAJARAM	
28.	KATALE AKHIL SUDHIR	
29.	KHADANGALE PRAJAKTA PANDURANG	
30.	KHANDIZOD MAYURI RAOSAHEB	
31.	KOLHE PRANJALI RAJENDRA	
32.	KOLHE SHUBHAM ATMARAM	
33.	KOLPE SHRUTI RAJENDRA	
34.	LABHADE BHARAT RAJARAM	
35.	MALI PRIYANKA VIJAY	
36.	MALI SHWETA VIJAY	
37.	MORE PRASAD BALASAHEB	

38.	NARODE SUNIL RAJENDRA	
39.	NIKAM NIKITA KAILAS	
40.	PAYMODE RUTUJA VILAS	
41.	RAHANE RUNAL BALASAHEB	
42.	RAKTATE BHARTI SANJAY	
43.	ROHMARE VAISHNAVI RAJENDRA	
44.	SANT KUNAL DADASAHEB	
45.	SHAIKH ALTAB JAKIR	
46.	SHAIKH TAHIR YASIN	
47.	SHINDE ANJALI PRAVIN	
48.	SHINDE ATUL RAJENDRA	
49.	SHINDE MANGESH CHHABURAO	
50.	SHINDE SHITAL UPENDRA	
51.	SINGAR PRANALI SANJAY	
52.	SOLE PIYUSHA MANOHAR	
53.	SONAWANE RUPALI PRAKASH	
54.	TANPURE RAHUL SARANGDHAR	
55.	THOMBARE AKSHAY LAXMAN	
56.	THOMBARE SUJAY BALASAHEB	
57.	TURKANE PRIYANKA DADASAHEB	
58.	UBALE SAHIL UMESH	
59.	UGALE VINOD SITARAM	
60.	WAKCHUARE SNEHAL BHAUSAHEB	
61.	WANI AMRUT SUBHASH	
62.	YADAV ABHISHEK SUBHASH	

Photographs of Programme









Estd. 1954 Kopargaon

Kopargaon Taluka Education Society's,

K.J. Somaiya College of Arts, Commerce and Science, Kopargaon,

Department of Chemistry

Software Training Activity Report

The Department of Chemistry, K. J. Somaiya College, Koparagon has organized Demonstration of Chem-Draw Software on 12 Jan 2023

The following activities were conducted during academic year 2022-23.

- All students from M.Sc. Part-2 were participated in Demonstration of Chem-draw Software program at Dept of chemistry during 12 Jan 2023
- M.Sc I students learn how to draw structure of different organic molecule in computer. The Chemdraw Software proved to be valuable platform for drawing different molecules in organic compound.
- This help to students for doing Ph. D. in chemistry.

Head of the Department

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

List of PPTs [2022-23]

T. Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	Name of Topic
Dr. Dalvi N.R.	Valence bond theory
	Molecular orbital theory
	Ionic solid
	Homogeneous Catalysis
Dr. Dhokale N.T.	Gravimetric Analysis
	Solvent Extraction
	HPLC
	Gas Chromatography
	AAS,FES
	Spectrophotometry
	Thermal Method of analysis
	Polorography
Dr. S.G.Konda	Polymer chemistry
	Soap and detergents
	Sugar Industry
	Cement Industry
	IPR
Prof. Vibhute C.P.	
	Petrochemical and Ecofriendly Fuel
	Agrochemicals

	Food and Starch Industry
Prof. Ghuge R.M.	Strength of Organic acids and bases
Prof. Nagre S.S.	Chemical Kinetics

S.Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	**Name of Topic**
Dr. N.R.Dalvi	Isomerism in coordination complexes
	Crystal field theory
	Molecular orbital theory
Dr.Dhokale N.T.	Error in quantitative analysis
	Volumetric Analysis
	Conductometry
	Colorimetry
	Column Chromatography
Dr. S.G.Konda	Chemical Kinetics
	Phase Equilibrium
	Surface Chemistry
	Solution of Liquid in Liquid

F. Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	**Name of Topic**
Dr. S.G.Konda	Stereochemistry
	Chemical energetic
	Chemical equilibrium
	Ionic equilibrium
	Atomic Structure
Mr. S. S. Nagre	Chemistry of Hydrocabon
Dr.Dhokale N.T.	Analysis of Organic Compounds

M. Sc. II Organic Chemistry

Name of Teacher	Name of Topic
Ghuge R. M.	Coupling Reaction
	Biogenesis

M. Sc. I Organic Chemistry

Name of Teacher	Name of Topic
Nikam V. U.	Introduction to Solid State
	Bonding in Solids
	Superconductivity
	Research Methodology
Vibhute C. P.	Organometallic Chemistry
	Bio-inorganic Chemistry
	p – block element
Ghuge R. M.	Heterocyclic chemistry
	Spectroscopy

HOD
Department of Chemistry
Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science College,

Mohanirajnagar, Kopargaon-423601, Dist-Ahmednagar

Student Centric Activity

Department: **Chemistry** Academic Year: **2021-2022**

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	Practical (UG +PG)	Yes	
		Projects (PG)		
		Dissertation (PG)		
		On job training		
		Study Tour		
		Guest Lecture		
2.	Participative Learning	Quiz		
		Student Seminar	04/01/2022	
		STC		
		Scientific model		
		Workshop		
		Day Celebration	02/03/2022	
		Avishkar		
3.	Problem Solving Methods	Assignments	Yes	
		Tutorials		
		Open book test		
4.	ICT Based Teaching Methods	YouTube Lecture	Yes	
		Software Used		
		List of PPTs	Yes	
		Virtual Lab		

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K.J. Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

HEAD
Department of Chemistry

Dr. Satish B. Kale
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

MohanirajnagarKopargaon, Dist-Ahmednagar

Department of Chemistry

Practical Based Learning (2021-2022)

The Department of Chemistry, K. J. Somaiya College, Kopargaon conducts regular practicals as per the syllabus prescribed by the university. At the end of semester/year practical examination was carried out as per the university guidelines. Index and certificates of the various journals are given below.

HOD

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF CHEMISTRY

Certificate

Roll No. 14 Class S.Y B.Sc Exam Seat No. 38985

This is to certify that

~~Mr.~~/Miss Samwanshi Tanuja Dadasaheb

has performed all the experiments during the year 2021 | 2022

as per requirements of Savitribai Phule Pune University, Pune.

Examined

External Examiner

Internal Examiner

Head of the Department

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
1	To determine the cell constant of a cell using 0.01 N KCl Sol^n and hence determine the dissociation constant of a given monoxylic weak acid.	7-3-2022	C
2	To synthesize tris(ethylendiamine) nickel (II) $[Ni(en)_3]S_2O_4$ from Ni (II) salt, ethylediamine & Sodium thiosulphate & to comment on colour & magnetic properties of the complex	14-3-2022	C
3	To synthesize tris (acetyl acetone) iron (II) $[Fe(acac)_3]$ by a green chemistry method by reaction bet^n $Fe(OH)_3$ & acetyl acetone & to comment on colour & magnetic properties of the complex.	21-3-2022	C
4	To study the variation of mutual solubility temp. with concen. for the phenol water system & determine the critical solubility temp.	4-4-2022	C
5	To determine the molecular weight of organic acid by titration against standardized NaOH (monobasic or dibasic acid)	11-4-2022	C

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
6	To determine the amount of acetamide in the given solution by volumetric method	11-4-2022	C
7	To verify the freandlich & langmuir adsorption isothermus for adsorption acetic acid on activated charcoal	18-4-2022	C

Completed. 7/8

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

This is to inform all T. Y. B. Sc Organic Chemistry students that, Department of Chemistry has organized One day student seminar on 04/01/2022 at 10:30 AM at Class Room Number- S7. All the students are requested to present their seminar on scheduled date.

Topics for Seminar Presentation (Any one)

1. Organic Intermediates

2. Organic Name Reactions

Name of Teacher

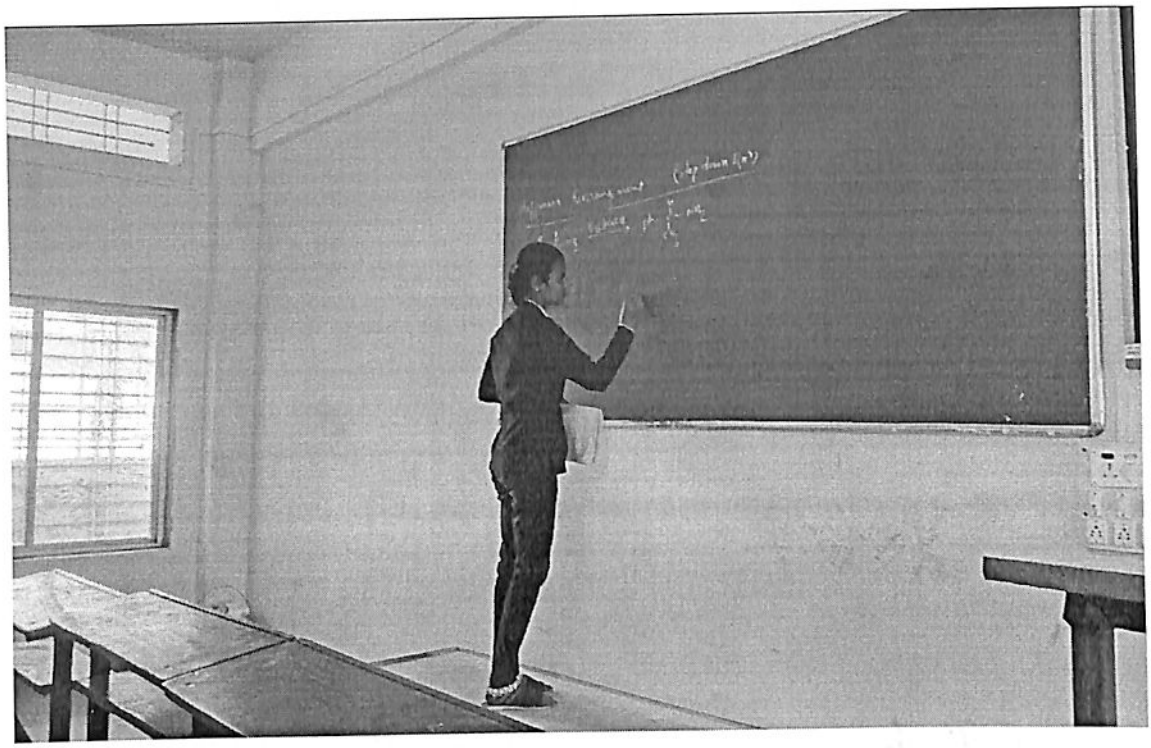
(Dr S. G. Kondo)

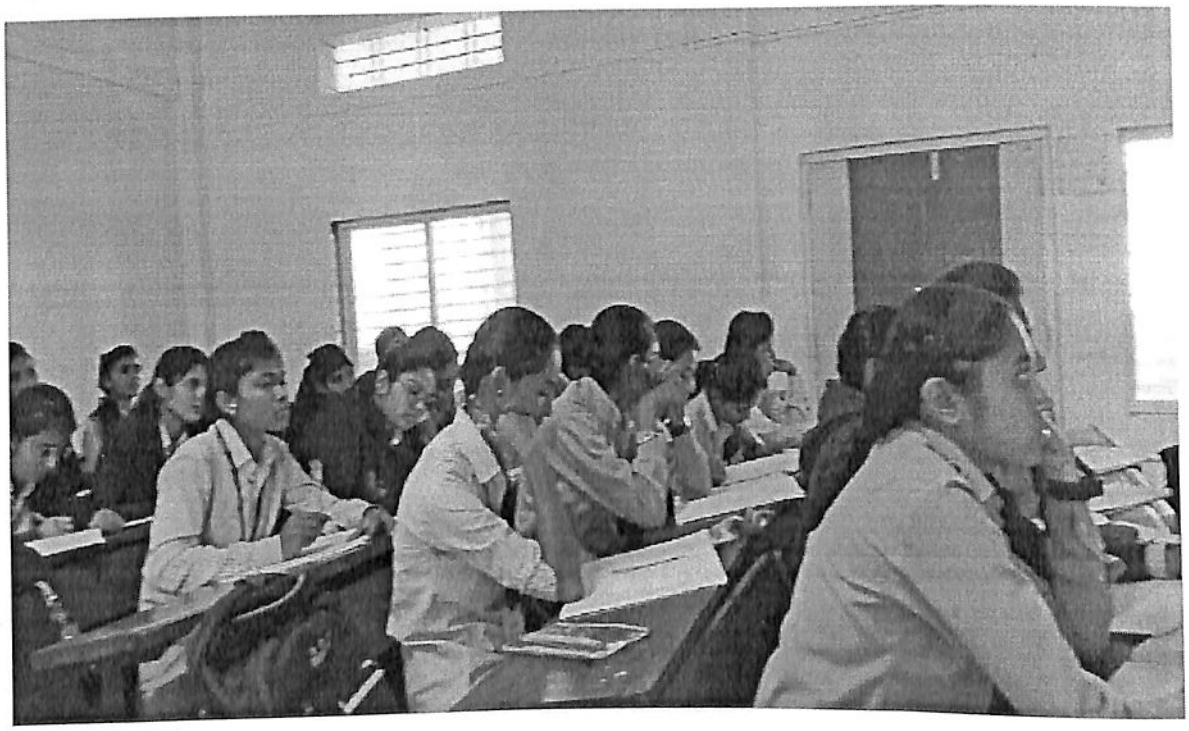
The following students were present for organic intermediate seminar

Sr. No.	Name of the Student	Signature
1	AVHAD RUSHIKESH S.	
2	BHAVAR OMKAR KISAN	
3	CHINE AADITYA ARUN	
4	DEVKAR NISHA B.	
5	ETHAPE ANIKET KAILAS	
6	GADEKAR VAISHNAVI N.	
7	GAVHANE KRUSHNA S.	
8	GAVHANE POOJA S.	
9	GHUMARE ABHISHEK S.	
10	JADHAV LAXMI M.	
11	JADHAV SURAJ SANJAY	
12	KALE MAHESH N.	
13	KALE NIKITA SANJAY	
14	KHALKAR SANKET B.	
15	KUDALE PRATIKSHA K.	
16	LOKHANDE AKASH V.	
17	LONDHE POOJA P.	
18	LONDHE SIDDHARTH R.	
19	MEHTRE HRUSHIKESH K.	
20	PAGARE ABHIJIT R.	
21	PAWAR SAGAR A.	
22	SHAIKH ALFAJ D.	
23	SHINDE ADESH MAHESH	
24	SHINDE AMOL TUKARAM	
25	SHINDE PRITI SITARAM	
26	SINGAR SURAJ VIJAY	
27	THAKARE SURAJ B.	
28	THANAGE BHUSHAN V.	
29	THANGE PRANAV E.	
30	WABLE AMOL RAJESH	

31	AGWAN ABHISHEK K.	
32	ANARTHE SHYAM G.	
33	AUTADE ROHIT R.	
34	BHINGARE DIPAK R.	
35	BHUJADE ROHIT D.	
36	CHAKOR AJAY SURESH	
37	CHAVAN SHASHIKALA D.	
38	DAHE SIYA KALYAN	
39	DANGE KANCHAN K.	
40	DHUMAL SAYALI N.	
41	DUBE ASHWINI POPAT	
42	GAIKWAD ADITYA R.	
43	GAIKWAD VAISHNAVI R.	
44	GAVHANE JAYASHRI B.	
45	GAWALI SANKET N.	
46	GAWALI VAISHNAVI S.	
47	GHARE MONIKA R.	
48	GONDKAR TEJASWINI K.	
49	GORHE VAIBHAVI ARUN	
50	HENGADE SHITAL P.	
51	HON MOHIT MANIKRAO	
52	JADHAV MANISHA S.	
53	JAWALE SUSHANT D.	
54	JEUGHALE RUPALI D.	
55	KADU PRACHI SOMNATH	
56	KASAR POOJA VILAS	
57	KEKANE SRUSHTI RAM	
58	KHAKALE VAIBHAV N.	
59	KHALKAR RAJASHRI S.	
60	KHANDGE RITIKA N.	
61	KOTE ADITI SAMBHAJI	
62	KUDALE KHUSHI ANAND	

63	KUNDHARE TEJASWINI.	
64	LOHAKANE ANUSHKA S.	
65	MALAVADE VAISHALI R.	
66	NARODE SHITAL A.	
67	RAHANE KOMAL KISAN	
68	RAHANE SHWETA A.	
69	RAKTATE POOJA SANJAY	
70	ROHMARE NIKITA A.	
71	SABALE JAYESH SANJU	
72	LOKHANDE SATWIK V.	
73	SHAIKH EJAJ ASLAM	
74	SHINDE OMKAR SHIVAJI	
75	SHINDE PRAGATI G.	
76	SHINGADE SHRUTIKA R.	
77	SOMAWNSHI TANUJA D.	
78	SURVE DNYANESHWRI R.	
79	TEKE NIKITA M.	
80	TEKE SNEHAL SHRIKANT	
81	TURKANE SAURABH A.	
82	USARE NIKITA NANDU	
83	VAKTE RUTUJA P.	
84	WAGH NUTAN P.	
85	WANI KALYANI S.	





K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Report of Seminar Activity

The Department of Chemistry, K. J. Somaiya College, Kopargaon has signed Seminar on 04/01/2022

- Students from T.Y.B.Sc were participated in one day seminar program at Dept of chemistry on 04/01/2022
- T.Y.B.Sc students delivered lecture on organic reaction mechanism and intermediates topic. The seminar proved to be valuable platform for knowledge exchange.
- Students build up their confidence with the help this seminar.

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

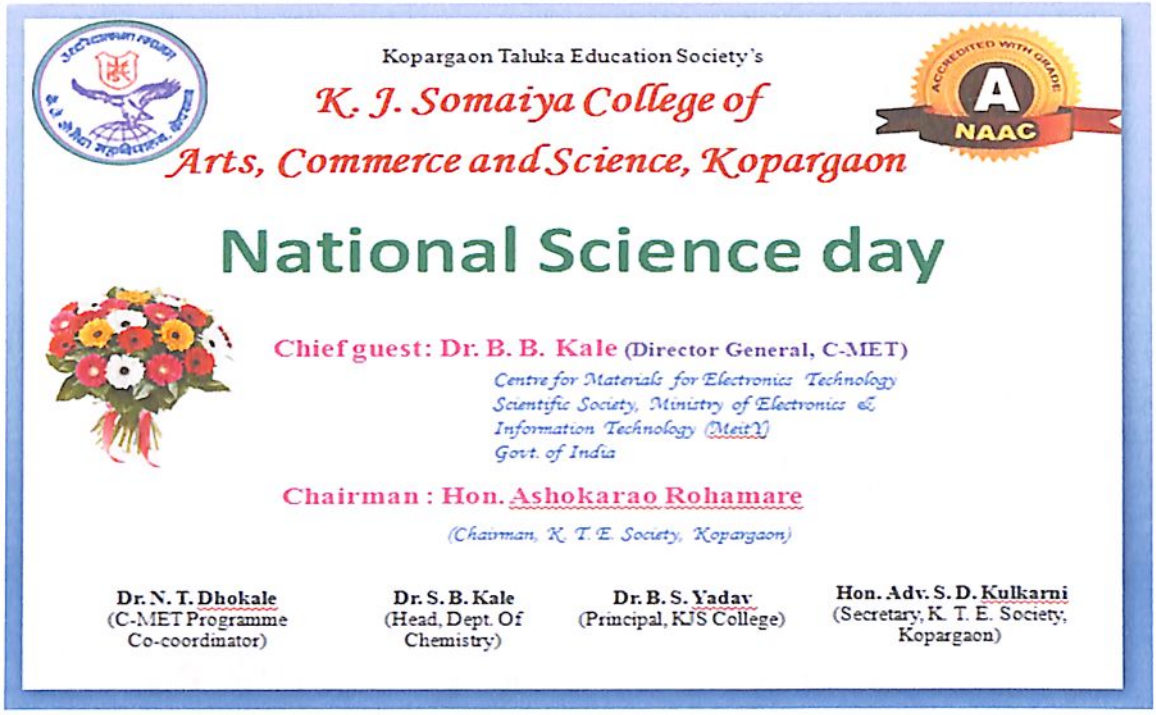
Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

This is to inform you all Chemistry students that, Department of Chemistry is organizing National Science Day Celebration on 02/03/2022 at Sakarben Hall at 10.30 AM. All the students are requested to present their seminar on scheduled. Prof. Dr. B. B. Kale, Director General, Centre for Materials for Electronics Technology (C-MET) Scientific Society, Ministry of Electronics & Information Technology (MeitY) Govt. of India is the Chief Guest of this programme.

HOD
Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon



Report On National Science Day

The Department of Chemistry of K. J. Somaiya College, Kopargaon has celebrated a 'National Science Day' 02 March 2022 and organized guest lecture on 'Life of Dr. C. V. Raman'. This programme was open to all faculty members and students. Hon. Ashokarao Rohamare, Chairman of function, Chairman of K. T. E. Society, Dr. B. S. Yadav, Principal, Dr. S. B. Kale, Head Department of Chemistry, Dr. B. B. Kale, Director General, Centre for Materials for Electronics Technology (C-MET) Scientific Society, Ministry of Electronics & Information Technology (MeitY) Govt. of India, Dr. Sudhir S. Arbuj, senior Scientist, C-MET, Pune, Dr. Yogesh Sethi, C-MET Programme Co-coordinator, Dr. N. T. Dhokale C-MET Programme college Co-coordinator, was formally inaugurated the programme. Dr. S. B. Kale, Head Department of Chemistry was proposed the facilities, progress of chemistry department and preface of the programme. Dr. N. T. Dhokale, C-MET Programme Co-coordinator, welcomes the guest and introduces the guests of the programme. Principal, Dr. B. S. Yadav was delivered the welcome address of the function. The programme was started with signing MOU between C-MET, Pune and Department of Chemistry K. J. Somaiya College, Kopargaon. Dr. B. B. Kale, Director General, Centre for Materials for Electronics Technology (C-MET) Scientific Society, Ministry of Electronics & Information Technology (MeitY) Govt. of India was delivered the lecture on introduction of C-MET and research work of C-MET. Initially he pointed out about the students from rural area should focus on study and try to get more knowledge for becoming success in life. Dr. Sudhir S. Arbuj, senior

Scientist, C-MET, Punehas delivered lecture on history about Dr. C. V. Raman life and also talked on different opportunities in chemistry field for young students. Mrs. Varsha Aher was anchored and gave introduction of the programme. Dr. N. R. Dalvi was proposed the vote of thanks.



Dr. S. B. Kale, Head, Department of Chemistry proposing the preface of the programme.



Dr. B. B. Kale, Director General addressing students on National Science Day Celebration.

K.J. Somaiya College of Arts Commerce & Science
Estd. 1964
Kopargaon

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2021-2022

Name of the Teacher: Dr.S. B. Kale

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- contents
	YouTube Channel Link	https://youtube.com/@dr.satishkale2756
1	T. Y. B. Sc (CH-507)	https://youtu.be/1fiA4av9OjY
2		https://youtu.be/SSJrAa22sGs
3		https://youtu.be/WNLGFEHuDZ0
4		https://youtu.be/XgbzzLSTQxc
5		https://youtu.be/MM_zUhxzOfU
6		https://youtu.be/g0gmlvof8yU
7	T. Y. B. Sc (CH-343)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3493
8		https://youtu.be/NEC986byRdA
9		https://youtu.be/wAX6ZO1pIJY
10		https://youtu.be/GHFUB8pny5w
11		https://youtu.be/kSimlgWX9Es
12	S. Y. B. Sc(CH-402)	https://youtu.be/VvJdHSTLkEI
13		https://youtu.be/m5ZnytGTOnQ
14		https://youtu.be/qFeD-hImwV8
15		https://youtu.be/qwpjX54UfEg
16		https://youtu.be/JSK2aiw4St0
17	S. Y. B. Sc (CH-302)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/4202
18		https://youtu.be/JFevlfBVdxE
19		https://youtu.be/8FUxfWbSpX4
20		https://youtu.be/0cPR3tYgdHs
21		https://youtu.be/rkpjQzMD0DA
22		https://youtu.be/CD3g_-t8pr8



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E- Content Development Details

Year: 2021-2022

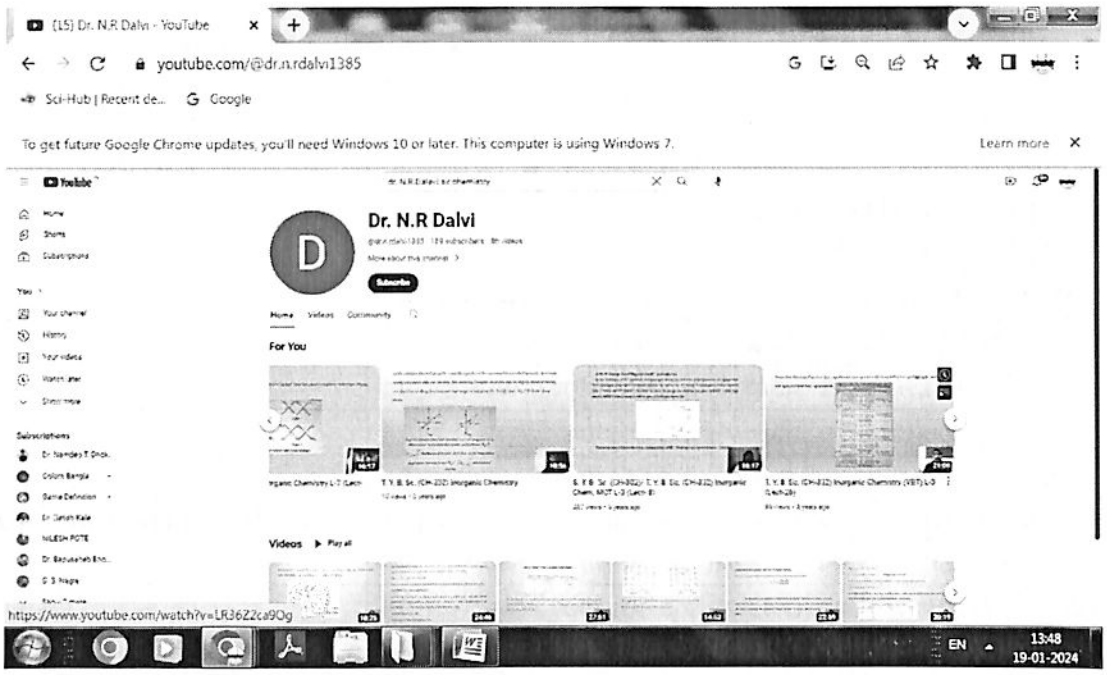
Name of the Teacher: Dr.N. R. Dalvi

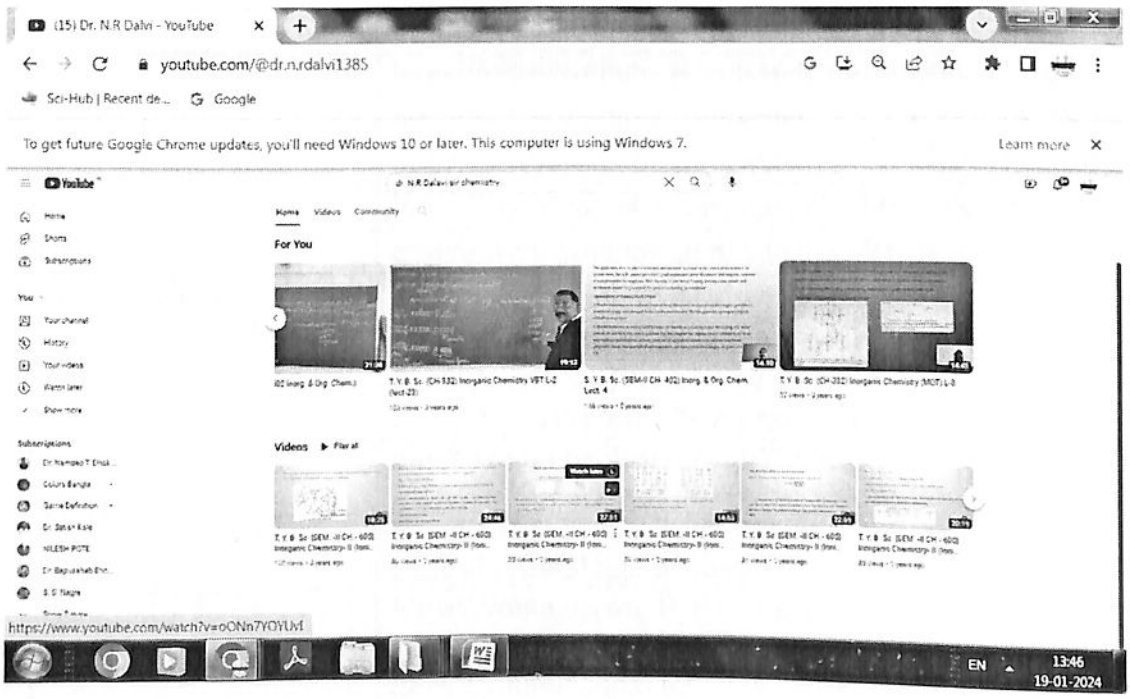
Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- contents
1	MOT (T. Y. B. Sc.)	https://youtu.be/M5hjErmzeqc
2		https://youtu.be/KR1PcQxv_I0
3		https://youtu.be/1-nHlw-4nnU
4		https://youtu.be/EXa9aEGBqgI
5		https://youtu.be/Xx2sJfXtaeg
6	Metals, Semiconductors (T. Y. B. Sc.)	https://youtu.be/i7WnCtvZ18g
7		https://youtu.be/EuUY92VI9o8
8		https://youtu.be/vithgpFYcm0
9		https://youtu.be/qAyc52CVeDs
10		https://youtu.be/WaP1oY2tD_M
11		https://youtu.be/pp9L2sA6CW8
12		https://youtu.be/0eihFcohqjk
13		https://youtu.be/5eCOnmqHVoU
14		https://youtu.be/3aBnt4mC12s
15	Homo. and Hetero. Catalysis (T. Y. B. Sc.)	https://youtu.be/LKub_VgFcsY
16		https://youtu.be/8enRQmmc6Xw
17		https://youtu.be/ziDGwTKNfYo
18		https://youtu.be/V9Z-wni5stY
19		https://youtu.be/eUArkmVEgqg
20		https://youtu.be/JKpIed9VU5c
21	Ionic Solids (T. Y. B. Sc.)	https://youtu.be/X2Gh8iB9Z-E
22		https://youtu.be/BsTAAyDIFbs
23		https://youtu.be/4fwgVE9CpCM
24		https://youtu.be/tdhXh5RzS8k
25		https://youtu.be/rnbQIxXrHgA
26		https://youtu.be/kH0Ne_1LTQ0
27		https://youtu.be/HtT1FVAf9V8
28		https://youtu.be/oONn7YOYUvI
29		https://youtu.be/ktJ7d4O-22E
30		https://youtu.be/32KvEkSos1U
31		https://youtu.be/bwSAq5MMIjg
32	Bio-inorganic Chemistry (T. Y. B. Sc.)	https://youtu.be/crUe_xZHOI0
33		https://youtu.be/Xlt1HRUxTU8

34		https://youtu.be/T-Gccv53S5I
35		https://youtu.be/8Roxv2wP2qg
36		https://youtu.be/v0z3LL6ymHc
37	MOT (S. Y. B. Sc.)	http s://youtu.be/hY_gOV549yY
38		https://youtu.be/toFstLgH2bg
39		https://youtu.be/SpjrV-Fy2bQ
40		https://youtu.be/3aBnt4mC12s
41		https://youtu.be/MYj4Zbu4w1U
42		https://youtu.be/AMygNEbsRgE
43		https://youtu.be/dUcfzOcqzBM
44		https://youtu.be/HOdijAkexao
45		https://youtu.be/f1H_Za_K2Yw
16		https://youtu.be/C6EVjhqp42
47		https://youtu.be/1rtgBeIUyrs
48		https://youtu.be/se-KVkv2JN4
49		https://youtu.be/E_ka38tIrBc
50	Introduction to Coordination Complexes (S. Y. B. Sc.)	https://youtu.be/w-ms0Efv4QM
51		https://youtu.be/7GQHrHQkaZI
52		https://youtu.be/OAVX2HDjdEI
53		https://youtu.be/dB0neu9mNEM
54		https://youtu.be/Ne2RNOZRCUA
55	Isomerism in Coordination Complexes (S. Y. B. Sc.)	https://youtu.be/6JmH_qq4CJw
56		https://youtu.be/egKihNIqbvk
57		https://youtu.be/GfxLyWUvJE4
58	VBT (S. Y. B. Sc.)	https://youtu.be/gsxjPmiYWDI
59		https://youtu.be/GERdt_J_Q64
60		https://youtu.be/TTmNOj2Lp3w
61		https://youtu.be/hdqhQZtpXso
62		https://youtu.be/4Cn0Oq98Pjo
63	CFT (S. Y. B. Sc.)	https://youtu.be/qoA1JPUG3s0
64		https://youtu.be/9j1p40wnA3A
65		https://youtu.be/4uTuyBX2eKE
66		https://youtu.be/1-uKmPulEx4
67		https://youtu.be/Fka_cBSQzqs
68		https://youtu.be/zrx2Px1p2w4
69		https://youtu.be/YJPWxuAL-mA

70		https://youtu.be/SMto8mfNqfs
71	F. Y. B. Sc.	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3738
72		http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3740





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K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2021-2022

Name of the Teacher: Dr.N. T. Dhokale

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- content
1	HPLC (T. Y. B. Sc.)	https://www.youtube.com/watch?v=s5qvsrEqANM
2		https://www.youtube.com/watch?v=DTBqFL-g8g8
		https://www.youtube.com/watch?v=QolwUDpsDhA
3		https://www.youtube.com/watch?v=R1tsilgls9g&t=368s
4		https://www.youtube.com/watch?v=JhEsmJWyCx4
5		https://www.youtube.com/watch?v=JrBR2NsBYGg&t=311s
6		https://www.youtube.com/watch?v=BpxIie6ApiY
7		https://www.youtube.com/watch?v=DDMFk8PHmpE&t=83s
8	Solvent xtraction (T. Y. B. Sc.)	https://www.youtube.com/watch?v=WsMKrQtGqRg
9		https://www.youtube.com/watch?v=XqJMCziyii8
10		https://www.youtube.com/watch?v=9cSpWJNUEvA&t=7s
11		https://www.youtube.com/watch?v=aX3TTBw4L1s
12		https://www.youtube.com/watch?v=fv9kCPzQBjM
13		https://www.youtube.com/watch?v=vDBKVkZ3QlU
14		https://www.youtube.com/watch?v=Bobzblhcu-w&t=1s
15		https://www.youtube.com/watch?v=CCeTB-EwhMA&t=1s
16		https://www.youtube.com/watch?v=_AKGvOOafhc&t=1s
17		https://www.youtube.com/watch?v=hQzLqXLy6D8
18		https://www.youtube.com/watch?v=RsMKb7aIJsk
19	Gravimetric Analysis (T. Y. B. Sc.)	https://youtu.be/9cfbn3FKw4k?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
20		https://youtu.be/T8txA2Jh6wg?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
21		https://youtu.be/j9BhYZahhYQ?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
22		https://youtu.be/Lj-axvXnWtk?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
23		https://youtu.be/wa_P_Re-9Io?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
24		https://youtu.be/mWS2-1sZMwo?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
25		https://youtu.be/gTktFrvU1Ts?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b

26		https://youtu.be/qI7PHS9W6nA?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
27		https://youtu.be/J_1r2v7FlYw?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
28		https://youtu.be/ec4Gl0epJlA?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
29		https://youtu.be/wZ4J-Lm7pHs?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
30		https://youtu.be/JVYQ3vOFnhU?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
31		https://youtu.be/1SsH0RI3e1Q?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
32		https://youtu.be/0ORngA3lcwc?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
33		https://youtu.be/ZdZdwQhPf9k?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
34		https://youtu.be/_Pf4Afns9bk?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
35		https://youtu.be/izB8k99zTNk?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
36		https://youtu.be/-syCQdb7e8Y?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
37		https://youtu.be/RR3pO8bUFzM?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
38	Thermal Methods of Analysis (TGA & DTA)(T. Y. B. Sc.)	https://youtu.be/y3NfF5g5Jlw?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
39		https://youtu.be/UuuMS8r7E-8
40		https://youtu.be/8NWcyfIBv5I?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
41		https://youtu.be/wBdrYvQ3bdw?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
42		https://youtu.be/e-kXgfjgrgA?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
43		https://youtu.be/mK8mP1NalT0?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
44		https://youtu.be/hWWJ-ES_J5s?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
45		https://youtu.be/Avc5cIxalVw?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
46		https://youtu.be/lE32hP3S6q4?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
47		https://youtu.be/uv6TXTpys9c?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
48		https://youtu.be/57FKwBeBUI4?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
49	Spectrophotometry (T. Y. B. Sc.)	https://youtu.be/em_Ig3JwHlE?list=PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
50		https://youtu.be/toi_BN-WxRk

51		https://youtu.be/1XrWYXbjSYE?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
52		https://youtu.be/9MpfzXtWrAY?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
53		https://youtu.be/x4Ox0wAh_PI?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
54		https://youtu.be/zdH9MVrqKYw?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
55		https://youtu.be/RVFcT1oCTlY?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
56		https://youtu.be/6YT54glRCZA?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
57		https://youtu.be/Ey70wNmIRY8?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
58		https://youtu.be/8CTYJG7Y4aY
59		https://youtu.be/-J5H2lB4MOE?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
60		https://youtu.be/ag1gVZFz7BY?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
61		https://youtu.be/Pupo2Od7Gsc?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
62		https://youtu.be/4OO8DxV3Fnk?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
63		https://youtu.be/oWi7dzWdsJk?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
64		https://youtu.be/JwwgqQS-rng
65		https://youtu.be/YLmf1GwCx6g?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
66		https://youtu.be/Ur-WnUHdS2o?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
67	Polarography (T. Y. B. Sc.)	https://youtu.be/WUxd0DfaMWw?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
68		https://youtu.be/JfxxsUK6QwY
69		https://youtu.be/dgTPEuW_oZs?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
70		https://youtu.be/Q9P2jlT0EFA
71		https://youtu.be/m6DWnRgi1WU?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
72		https://youtu.be/A3FoDuCSBCg?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
73		https://youtu.be/UKrvTx6lUeY?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
74		https://youtu.be/WUxd0DfaMWw?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
75	AAS (T. Y. B. Sc.)	https://youtu.be/NDIc7Vc3aFY?list= PLXVWX64SHkaFkbM2OsnvyVQTFGPcqcCTY
76		https://youtu.be/TVuw1PC8Smw
77		https://youtu.be/1weVcEeEpEs?list=

		PLXVWX64SHkaFkbM2OsnvyVQTFGPcqcCTY
78		https://youtu.be/JitLmoAsH10
79		https://youtu.be/vMpWhZ02Yss?list= PLXVWX64SHkaFkbM2OsnvyVQTFGPcqcCTY
80		https://youtu.be/c1T0nVW92eQ?list= PLXVWX64SHkaFkbM2OsnvyVQTFGPcqcCTY
81	FES (T. Y. B. Sc.)	https://youtu.be/TLTf2saz7vE
82		https://youtu.be/OY3T0-wRVq4?list= PLXVWX64SHkaEE8EGnYhND4areXcxIHcd8
83		https://youtu.be/MNzL_Hx7NNc?list= PLXVWX64SHkaEE8EGnYhND4areXcxIHcd8
84		https://youtu.be/yusQutA5njE?list= PLXVWX64SHkaEE8EGnYhND4areXcxIHcd8
85		https://youtu.be/ZPrJvq3eHXw
86		https://youtu.be/tffrxBrJZew
87	Errors in Quantitative Analysis (S. Y. B. Sc.)	https://youtu.be/VJhE09QjzSw
88		https://youtu.be/VKW-YaJUrm8
89		https://youtu.be/a5wqkm9Itaw
90		https://youtu.be/oVzKTX3KUEY
91		https://youtu.be/u6gdI69-48Q
92		https://youtu.be/Ed9Iqi3kKCA
93	Volumetric Analysis (S. Y. B. Sc.)	https://youtu.be/oTSUfLk0myo
94		https://youtu.be/oTSUfLk0myo
95		https://youtu.be/LVLQhzl0_kA
96		https://youtu.be/6Ss0NHZ0acQ
97		https://youtu.be/1_UR6lHKkZk
98		https://youtu.be/mcRgK44MLPQ
99		https://youtu.be/aIQuZnogdHI
100		https://youtu.be/fr_ZjAz9gC4
101		https://youtu.be/JqgU8mjx7mM
102		https://youtu.be/tIuLeo1T3Sc
103		https://youtu.be/nlfGk4naazg
104		https://youtu.be/SGe6vDAVwt4
105		https://youtu.be/Id74ZhhtKMg
106		https://youtu.be/4hsWryTZVms
107		https://youtu.be/uWYsV63maos
108		https://youtu.be/Se1SUEGo5GE
109		https://youtu.be/5-RbzDaQYiE
110		https://youtu.be/HPwl40--5qc
111		https://youtu.be/qkwJMcR5Mok
112		https://youtu.be/QwVl2yo9Pc8
113	Column Chromatography	https://youtu.be/_UVflPoItbg?list=

	(S. Y. B. Sc.)	PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
114		https://youtu.be/Muz61rjn-es?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
115		https://youtu.be/PK2zgym9t0U?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
116		https://youtu.be/of2dDLOB8Jg?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
117		https://youtu.be/MENcApPwUdU?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
118		https://youtu.be/KYjha0t-rRk?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
119		https://youtu.be/svVVpjo5yGo?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
120	Calorimetry (S. Y. B. sc.)	https://youtu.be/60H3LxF24uY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
121		https://youtu.be/Stx_5C4rWrE
122		https://youtu.be/hXoNHI5EFRY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
123		https://youtu.be/8yjGTKVd0Sg?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
124		https://youtu.be/phY8nm2CUxY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
125		https://youtu.be/r9nlaaLNW34?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
126		https://youtu.be/7zqXy25Rstg
127		https://youtu.be/0Dok0E27Y-g
128		https://youtu.be/2xmivegcguA?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
129		https://youtu.be/hrOGIC9L7sk
130		https://youtu.be/58Y_SD538oE?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
131		https://youtu.be/E3qLf4O2l6w?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
132	Conductometry (S. Y. B. Sc.)	https://youtu.be/dgyMeG0w6FI?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
133		https://youtu.be/1aEMpSobyeM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
134		https://youtu.be/PzpQHeJk6zU?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
135		https://youtu.be/fBfeDepzCDM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
136		https://youtu.be/u0c7RcftlAI?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
137		https://youtu.be/X6_2yUJKhEM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
138		https://youtu.be/GMV1R4DoKAA?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
139		https://youtu.be/x7qx5ySlxH0?list=

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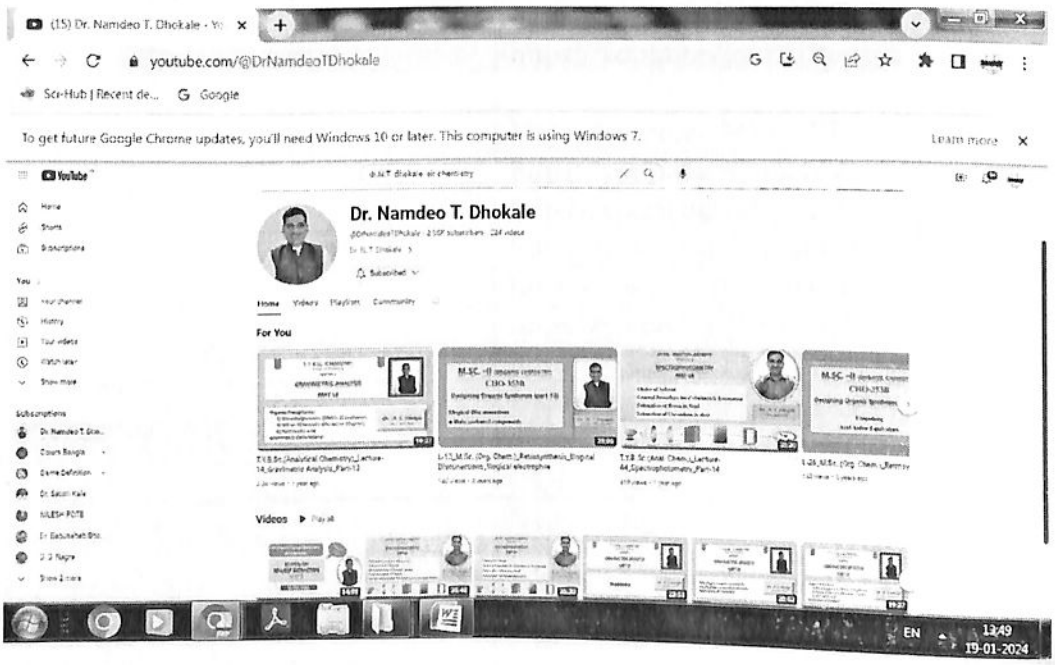
140		https://youtu.be/_V7oGCL488w?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
141		https://youtu.be/V5rwR4R7j3k?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
142		https://youtu.be/pNTcTbRK5QU?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
143		https://youtu.be/e1_3FOHuYKw?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
144	Qualitative Analysis of Organic Compounds (F. Y. B. Sc.)	https://youtu.be/3bOG3o-iGsk?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
145		https://youtu.be/HjFNvI_xxeo?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
146		https://youtu.be/u6yKEV1_E18?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
147		https://youtu.be/S_fe3XtmKt8?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
148		https://youtu.be/h-MCcF-ejkQ?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
149		https://youtu.be/mNIbeZxsyOI?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
150		https://youtu.be/vALJhl3ToKA
151		https://youtu.be/WM1E-Zbp_us?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
152		https://youtu.be/lziYnpXs84o?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
153		https://youtu.be/GxoZQi7Xe5A?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
154		



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2021-2022

Name of the Teacher: Dr. S. G. Konda

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- content
	YouTube Channel Link	https://youtube.com/@DrSGKondasEChemistry
1	Polymer Chemistry (T. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/2116
2		https://youtu.be/keNqVixKgAw
3		https://youtu.be/Jf_LX0MbSdQ
4		https://youtu.be/_-g9eZB6zfQ
5		https://youtu.be/N9SHKZEsUo8
6		https://youtu.be/M1qBSeX_C_4
7		https://youtu.be/kyrsaUObZR4
8		https://youtu.be/EG_CHU1EW2s
9	Modern Approach to Chemical Industry (T. Y. B. Sc.)	https://youtu.be/P-yklZfNFhg
10		https://youtu.be/yjaC3Ky7MvU
11		https://youtu.be/RZQyKN3Mfss
12		https://youtu.be/Ytr0ktVUMF4
13		https://youtu.be/cSzaR4va1Wg
14		https://youtu.be/Ff-q-JuYhwY
15		https://youtu.be/d4jxu1NAhVU
16		https://youtu.be/7Ztai_lYNi4
17	Manufacture of Basic Chemicals (T. Y. B. Sc.)	https://youtu.be/Jaof7TTawKk
18		https://youtu.be/bfks37flLuA
19		https://youtu.be/5biIY4T4blw
20		https://youtu.be/AdwS4d5LBxk
21		https://youtu.be/aTu78tifrWU
22		https://youtu.be/IaBI4He4xpE
23		https://youtu.be/2PRWORBjNls
24		https://youtu.be/YRVTGmpJyj4
25		https://youtu.be/FLP8qsXxRYQ
26	Sugar Industry (T. Y. B. Sc.)	https://youtu.be/SdQ6AQR4ZBs
27		https://youtu.be/2QmWoOkEyvg
28		https://youtu.be/WvluDQqkrVA
29		https://youtu.be/hhJdG11HBpg
30	Cement Industry (T. Y. B. Sc.)	https://youtu.be/-RweYv076TY
31		https://youtu.be/Ei1hEIvxG2Q

32		https://youtu.be/te5D7Cnw0ao
33		https://youtu.be/MxLvUqYZqF0
34		https://youtu.be/2sjlc5ZLOAI
35		https://youtu.be/2HQjuKXFB40
36		https://youtu.be/TK2VTJGTYK0
37	Chemical Kinetics (S. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/8040
38		http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/8039
39		https://youtu.be/2bfuU6yD5Sk
40		https://youtu.be/AcVmvxlUPps
41		https://youtu.be/CTi70eIA6-U
42		https://youtu.be/voIcVztRqxY
43		https://youtu.be/D3NLH25nKwo
44		https://youtu.be/cN9XxdrvfMw
45		https://youtu.be/WGf1mb0Wmc8
46		https://youtu.be/1BLSG26ZRY8
47		https://youtu.be/1YD7xOzFQM0
48		https://youtu.be/__hSmFNGxQ4
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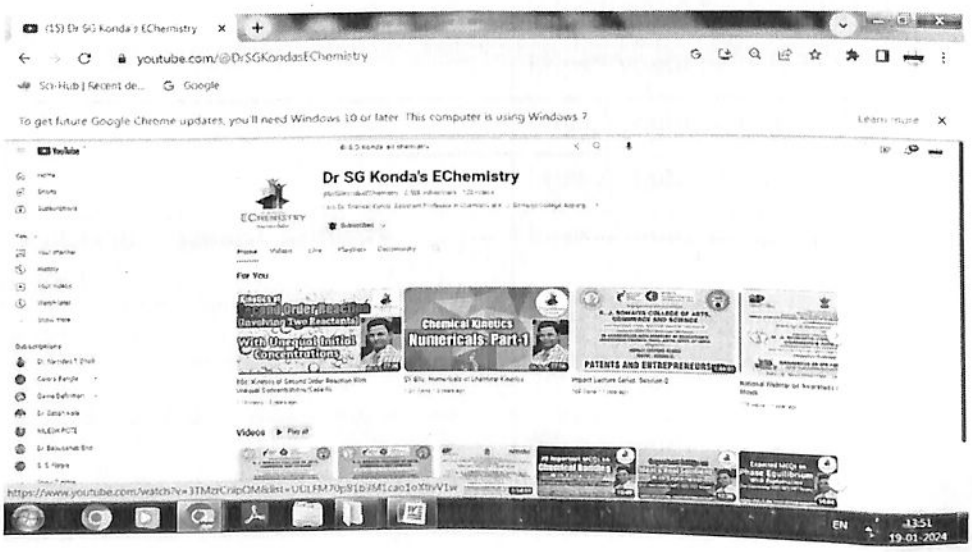
50		https://youtu.be/L1gmhxxlSoc
51		https://youtu.be/KXOShE8luM0
52		https://youtu.be/IxTLzrboSZM
53		https://youtu.be/rneApr0AlMY
54		https://youtu.be/05gb_OIwvzo
55		https://youtu.be/hvinFEZESS0
56		https://youtu.be/vtk1XKKgx-g
57		https://youtu.be/jW7n-1iYGYU
58	Surface Chemistry (S. Y. B. Sc.)	https://youtu.be/iPL1zyPXcLw
59		https://youtu.be/dImI5bPlNd0
60		https://youtu.be/SIqXFiO07Uk
61		https://youtu.be/Dq6XfAFCkxo
62		https://youtu.be/O2csqJW_0nc
63		https://youtu.be/8g_7BHWgm6o
64		https://youtu.be/qr6EC7VIzRk
65	Phase Equilibrium (S. Y. B. Sc.)	https://youtu.be/V1XHAKJnc9k
66		https://youtu.be/Fp8f7BxRcCc
67		https://youtu.be/QTna5PymN30
68		https://youtu.be/uG2Yxk50r6E
69		https://youtu.be/DnLQHW-L6tE
70	Ideal and Real Solutions (S. Y. B. Sc.)	https://youtu.be/V9XIZ_tW9s8
71		https://youtu.be/JHz69ylVJVY
72		https://youtu.be/388jWMsXWBg
73		https://youtu.be/BEfW0H3ouaA
74		https://youtu.be/fjjrUlKQsxo
75		https://youtu.be/Nbbly_FgQ6I
76		https://youtu.be/qSLefg73cPI
77		https://youtu.be/mhSOvjkU_cA

78		https://youtu.be/nApo8UY0kHs
79		https://youtu.be/I62Zxk8EP2c
80		https://youtu.be/x36ZLe6yLDo
81	Chemical Energetics (F. Y. B. Sc.)	https://youtu.be/5Ak5hzbJYQY
82		https://youtu.be/QPu3iJeZp4Q
83		https://youtu.be/_XwF8TDQSSM
84		https://youtu.be/nHqkEf3grzk
85	Chemical Equilibrium (F. Y. B. Sc.)	https://youtu.be/VBj0k4TFl-c
86		https://youtu.be/NnpA8cQ4DJ8
87		https://youtu.be/csQWl5x_0fY
88		https://youtu.be/1ANoNGcEj1U
89		https://youtu.be/y_VQZcJ6YYk
90	Phase Equilibrium (F. Y. B. Sc.)	https://youtu.be/eG_qsubi0fw
91		https://youtu.be/uoRYgeqIVJA
92		https://youtu.be/FMbyr9ks1T4
93		https://youtu.be/JMxxhwJJL34
94		https://youtu.be/XQdcV7rCn0k
95		https://youtu.be/I4FUI0WkQIo
96		https://youtu.be/3iFHUW125k0
97		https://youtu.be/Z6k1lt7_ypc
98		https://youtu.be/8jNqfaEyPBM
99		https://youtu.be/Fa66f8PfdgE
100	Stereochemistry (F. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/2148
101	Atomic Structure (F. Y. B. Sc.)	https://youtu.be/P-3fBDOskA4
102		https://youtu.be/H-ttIM13LVo
103		https://youtu.be/gsYF04-vB-w
104		https://youtu.be/1-DPPMT69og
105	Chemical Bonding (F. Y. B. Sc.)	https://youtu.be/YeY-HDEDaWI
106		https://youtu.be/qfauuR_5sts
107		https://youtu.be/DpRkUU0c53Y
108		https://youtu.be/4TSI956sONg
109		https://youtu.be/kCOfvsXwqkc
110		



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2021-2022

Name of the Teacher: Mr. S. S. Nagre

Name of the Department: Chemistry

Sr. No	E-Content Details	Link of E-content
1	Aliphatic Hydrocarbons (F. Y. B. Sc.)	https://youtu.be/UnfDpYHjWD4
2		https://youtu.be/6nplM2TcMAo
3		https://youtu.be/6vZMs9tDcuU
4		https://youtu.be/jRJ4TCAGLNA
5		https://youtu.be/kieTEsE3M4k
6		https://youtu.be/hGCPtBKBpdw
7		https://youtu.be/j7p3FZUzM-A
8		https://youtu.be/ab-KHMP-O64
9		https://youtu.be/atAWv4bup0Q
10		https://youtu.be/zqAkToZLcPo
11		https://youtu.be/YZpGHWF0PNw
12		https://youtu.be/tdrTCWr98I0
13		https://youtu.be/azdRvKKBLvA
14		https://youtu.be/J8U9zhr6n7s
15		https://youtu.be/TS4WWhZokjs
16		https://youtu.be/ZezDwTC0wsE
17		https://youtu.be/5Gq2TVkbTT0
18		https://youtu.be/cYp73-TgMIo
19		https://youtu.be/VOP8pXBEobE
20	Fundamentals of Organic Chemistry (F. Y. B. Sc.)	https://youtu.be/_Q4imI-kL9E
21		https://youtu.be/u0BhXdsF7Tk
22		https://youtu.be/aiE0_wO1YGw
23		https://youtu.be/LIxxl5JprDQ
24		https://youtu.be/i3vRBvegEbo

25		https://youtu.be/zeegzw9ViZU
26		https://youtu.be/i3vRBvegEbo
27		https://youtu.be/Ywc3ImP6MC0
28		https://youtu.be/5Kt_tzbMV_4
29		https://youtu.be/2edZjSUtNPE
30		https://youtu.be/xP1dsOwp36s
31		https://youtu.be/kTPkQg5am0k
32		https://youtu.be/F8DPzqHG2Zk
33		https://youtu.be/4B8vaSORYY0
34		https://youtu.be/62nc-NIaXbs
35		https://youtu.be/MpO8Kbp1Q6k
36	Stereochemistry (F. Y. B. Sc.)	https://youtu.be/q9r-7O9bSZI
37		https://youtu.be/833VPnna22Q
38		https://youtu.be/awlLnDjLq5E
39		https://youtu.be/MIshLm799eU
40		https://youtu.be/MysBTjh4DWA
41		https://youtu.be/Sdf5tNj1JRo
42		https://youtu.be/uNS-28mQ1Zw
43		https://youtu.be/I9sknAMSqFY
44		https://youtu.be/quyjXxaThNU
45		https://youtu.be/5cDzyEbPFUw
46		https://youtu.be/GBsD_ftnIWQ
47		https://youtu.be/_G071eNeie8
48		https://youtu.be/L9pc7XvAWz4
49		https://youtu.be/9_FAuJb10rA
50	Introduction to Analytical Chemistry (F. Y. B. Sc.)	https://youtu.be/s3kIyD2C6vo
51		https://youtu.be/0BMQnONQDEY
52		https://youtu.be/H7SqavcYqUo
53	Calculations used in Analytical Chemistry (F. Y. B. Sc.)	https://youtu.be/phIJhu411jw
54		https://youtu.be/mT4Quv6T-WQ
55		https://youtu.be/NsiKc6tuj-k

56		https://youtu.be/DHi0wbZ3A4k
57		https://youtu.be/PZyyNK4RGa4
58	PH-meter (F. Y. B. Sc.)	https://youtu.be/8pFGZUiw9p4
59		https://youtu.be/5NYOAQX1QH0
60		https://youtu.be/bgSfrnHJHkM
61		https://youtu.be/t2OwtCxjr7s
62		https://youtu.be/s1sz00BGI7M
63		https://youtu.be/OjVQzp2Noco
64	Chromatographic Techniques (F. Y. B. Sc.)	https://youtu.be/KQvbp_jgAtc
65		https://youtu.be/eDtYm5SW6L8
66		https://youtu.be/gIjFjrCukYA
67		https://youtu.be/sKh799vuClc
68		https://youtu.be/hu9MFgyX_wM
69		https://youtu.be/i_sIbApU0CI
70		https://youtu.be/UYUR-R_s_pM
71	Chemical Kinetics (T. Y. B. Sc.)	https://youtu.be/ZVrdXR5elhY
72		https://youtu.be/s0mCcXOnWS0
73		https://youtu.be/LT5Bu1Zaau0
74		https://youtu.be/0-wGHyH1CW0
75		https://youtu.be/OM-k4aifDrw
76		https://youtu.be/0XFMwyS0zZc
77		https://youtu.be/hb7kokKrJAo
78		https://youtu.be/IDNVa5QWWyQ
79		https://youtu.be/g-OIcx2fUvM
80		https://youtu.be/yH-4IM7giMc
81	Investigation of Molecular Structure (T. Y. B. Sc.)	https://youtu.be/si2Eu9X-euM
82		https://youtu.be/tT1G46nM2Is
83		https://youtu.be/TS4WWhZokjs
84		https://youtu.be/fxuf0HOvs74
85		https://youtu.be/yik5se6B10g
86		https://youtu.be/GjyDOKXGsJM

87		https://youtu.be/xn9_ADuvDBI
88		https://youtu.be/yTFFwSQKaiw
89		https://youtu.be/KnFlnlZC5jg
90		https://youtu.be/RqnBEnDzt7M
91		https://youtu.be/T0NPO2YoE20
92		https://youtu.be/6AHObWhyCEk
93		https://youtu.be/kt-rbK88tq0
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97		https://youtu.be/x1jDB5_qdf8
98		https://youtu.be/lVz63EHaD3w
99	Electrolytic Conductance (T. Y. B. Sc.)	https://youtu.be/xDa37U2ykSA
100		https://youtu.be/YlZCDwGnb2E
101		https://youtu.be/KZyYp7lr8WE
102		https://youtu.be/5htgNtJ-eSg
103		https://youtu.be/civZmfpSWGE
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105		https://youtu.be/rMjtiQspP9w
106		https://youtu.be/vOIV3ajyXV0
107		https://youtu.be/HW_lCMY-c-o
108		https://youtu.be/Cw47Q6SgnlI
109		https://youtu.be/2QxUt-khjNU
110		https://youtu.be/871iN7LXrRY
111		https://youtu.be/qUfYahsfDLA
112		https://youtu.be/t4aIMLQ5u7k
113		https://youtu.be/gpdF_6-Gtn4
114		https://youtu.be/SProlHpTBmE
115	Phase Rule (T. Y. B. Sc.)	https://youtu.be/OxJh-bELCCk
116		https://youtu.be/DFkHKsssghE
117		https://youtu.be/WvQd6xrVmVY
118		https://youtu.be/VRn5Vpzvg8U

119		https://youtu.be/7jW-6Db12I8
120		https://youtu.be/gEFJvoQyaZc
121		https://youtu.be/fG_r_fT6SrA
122	MCQ Question Bank (T. Y. B. Sc.)	https://youtu.be/XVT3iDVGTA8
123		https://youtu.be/88gdMUR9uME
124		https://youtu.be/hWD8rraRkPs
125		https://youtu.be/oWk8AIEGhTs
126		https://youtu.be/cc8c9SvYTR8
127		https://youtu.be/RZc-GUsaFmo
128		https://youtu.be/0yGGsBROpC0
129	Electrochemical Cells (T. Y. B. Sc.)	https://youtu.be/c9wSuVnnjQg
130		https://youtu.be/kTUBsiTSqvM
131		https://youtu.be/_hzxZyMJtA4
132		https://youtu.be/4kJQiGUVWYQ
133		https://youtu.be/kGByQnhPxI0
134		https://youtu.be/4L8Z-AHpSxc
135		https://youtu.be/zE-p_N8ZI0w
136	Nuclear Chemistry (T. Y. B. Sc.)	https://youtu.be/SdvWuyYkqe4
137		https://youtu.be/LzYU5a6hFxU
138		https://youtu.be/yrS3O6GEpS4
139		https://youtu.be/e9oNKcaK0Go
140		https://youtu.be/cMsGSYMrioE
141	Crystal Structure(T. Y. B. Sc.)	https://youtu.be/Pmf46VFosPU
142		https://youtu.be/FvLEoaRtkOc
143		https://youtu.be/3EtdVf5C2XQ
144	MCQ Question Bank (F. Y. B. Sc.)	https://youtu.be/_y0NR784Vxs
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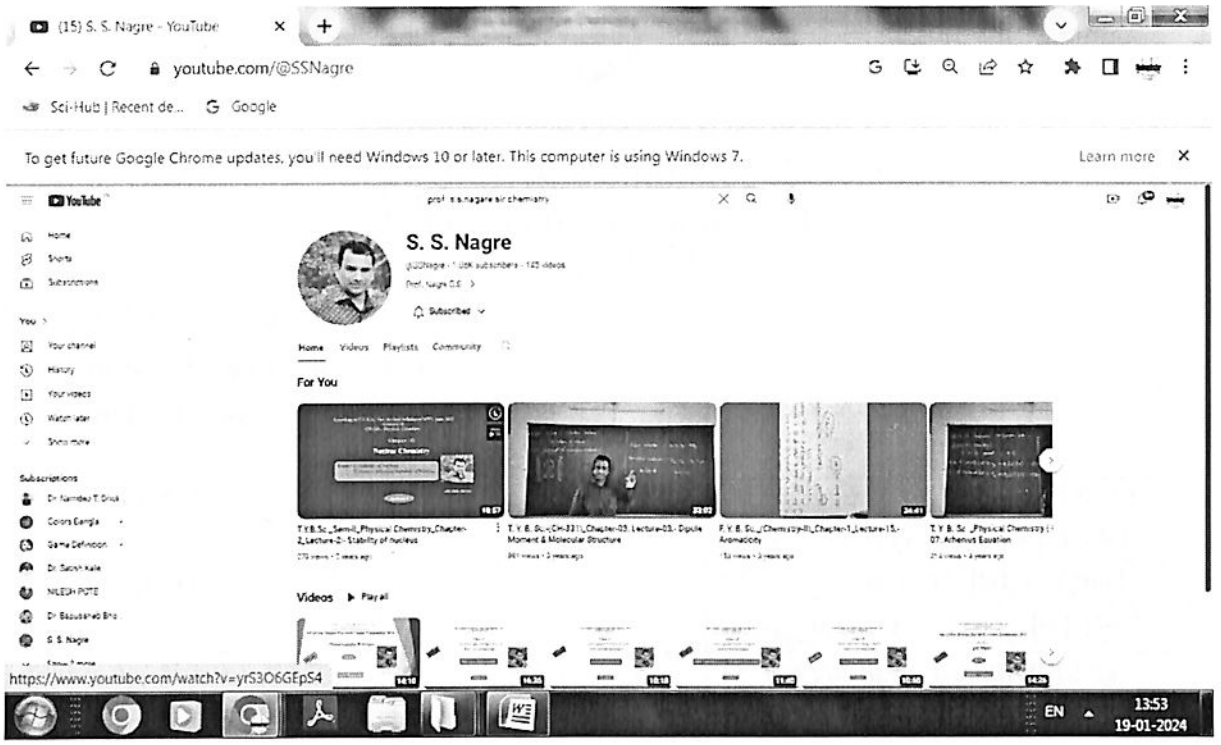
146		https://youtu.be/5ONxSF2W_F0
147		https://youtu.be/jCdxxk06RGo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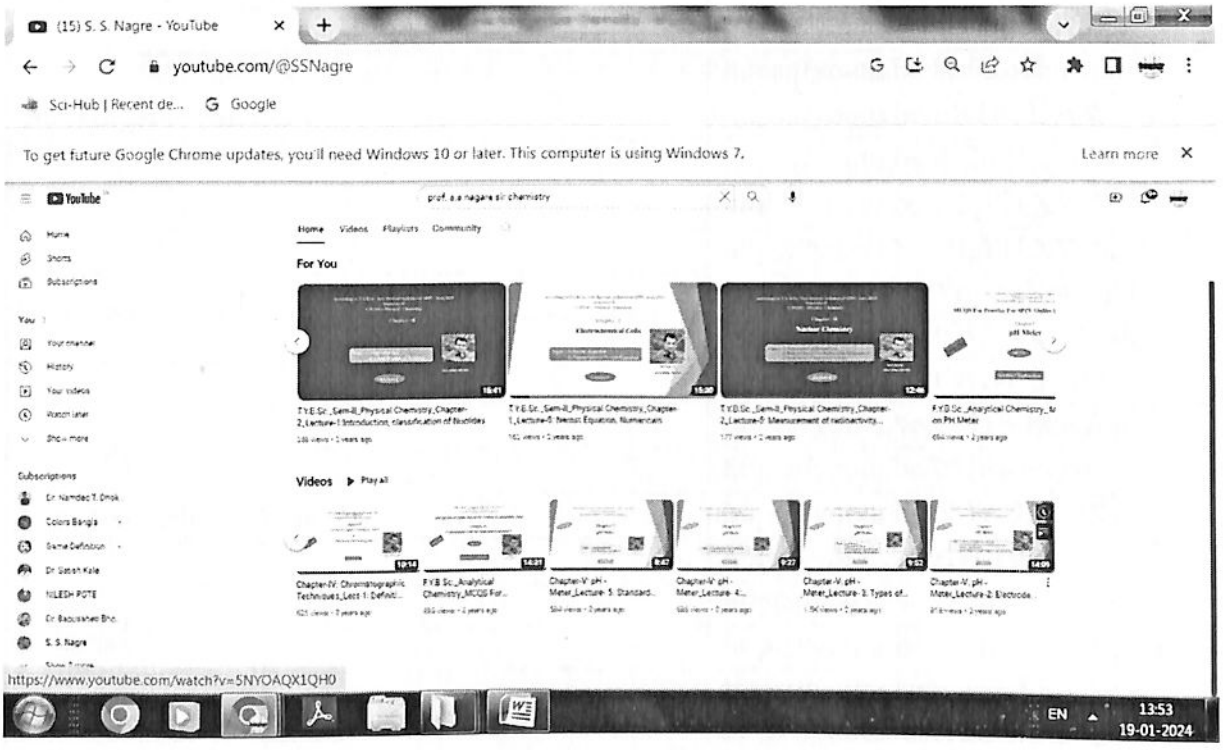
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Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2021-2022

Name of the Teacher: Mrs. C. P. Vibhute

Name of the Department: Chemistry

Sr. No	E-Content Details	Link of E-content
1	Reduction (M. Sc.-I)	https://youtu.be/AAh7su95NEQ
2		https://youtu.be/ZCWxkJaLTKI
3	Oxidation (M. Sc.-I)	https://youtu.be/BvRfDLbQhTk
4		https://youtu.be/xk6aewbxLDo
5		https://youtu.be/RcocIMLpIVk
6		https://youtu.be/1-8QxYDJoxQ
7		https://youtu.be/8L9Zo1hnwmo
8	Main Group Elements (M. Sc.-I)	https://youtu.be/2041Tj1PuZo
9		https://youtu.be/QMoiBndTJZ4
10		https://youtu.be/8L9Zo1hnwmo
11	Bioinorganic (M. Sc.-I)	https://youtu.be/ERTFTE9vWQw
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25		https://youtu.be/IGlo_Ngl0Io
26		https://youtu.be/YZTPTdten3U
27	Physical Chemistry M. Sc.-I)	https://youtu.be/qsXig9ZNbfw
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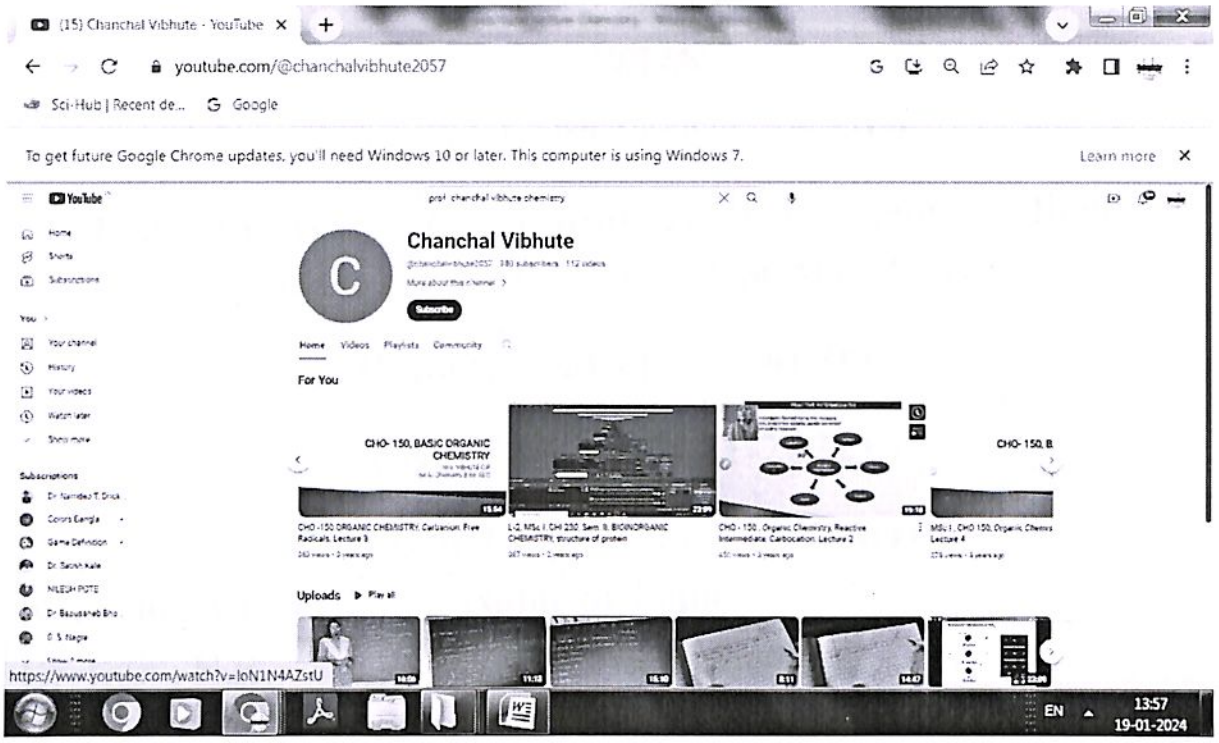
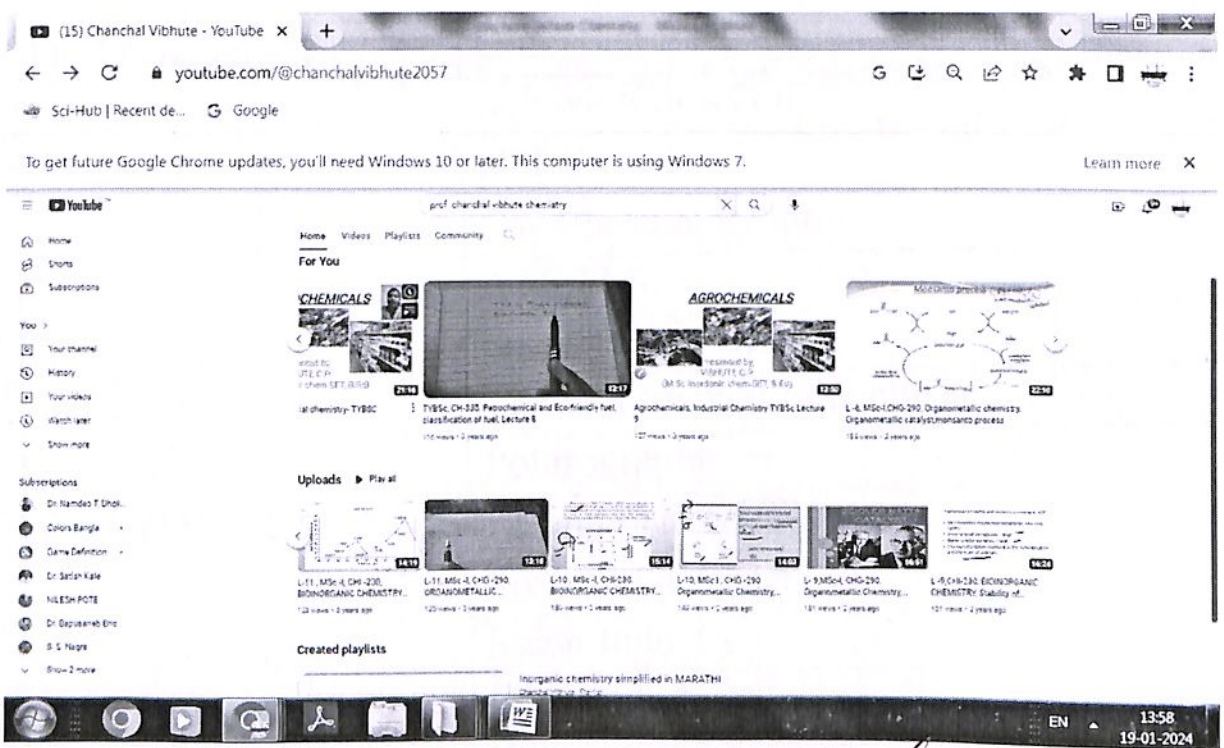




Head of the Department

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

List of PPTs (2021-2022)

T.Y. B.Sc Chemistry (2019 Pattern)

Name of Teacher	Name of Topic
Dr. Dalvi N.R.	Valence bond theory
	Molecular orbital theory
	Ionic solid
	Homogeneous Catalysis
Dr. Dhokale N.T.	Gravimetric Analysis
	Solvent Extraction
	HPLC
	Gas Chromatography
	AAS,FES
	Spectrophotometry
	Thermal Method of analysis
	Polorography
Dr. S.G.Konda	Polymer chemistry
	Soap and detergents
	Sugar Industry
	Cement Industry
	IPR
Prof. Vibhute C.P.	
	Petrochemical and Ecofriendly Fuel
	Agrochemicals

	Food and Starch Industry
Prof. Ghuge R.M.	Strength of Organic acids and bases
Prof. Nagre S.S.	Chemical Kinetics

S.Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	**Name of Topic**
Dr. N.R.Dalvi	Isomerism in coordination complexes
	Crystal field theory
	Molecular orbital theory
Dr.Dhokale N.T.	Error in quantitative analysis
	Volumetric Analysis
	Conductometry
	Colorimetry
	Column Chromatography
Dr. S.G.Konda	Chemical Kinetics
	Phase Equilibrium
	Surface Chemistry
	Solution of Liquid in Liquid

F. Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	**Name of Topic**
Dr. S.G.Konda	Stereochemistry
	Chemical energetic

	Chemical equilibrium
	Ionic equilibrium
	Atomic Structure
Mr. S. S. Nagre	Chemistry of Hydrocabon
Dr.Dhokale N.T.	Analysis of Organic Compounds

M. Sc. II Organic Chemistry

Name of Teacher	**Name of Topic**
Ghuge R. M.	Coupling Reaction
	Biogenesis

M. Sc. I Organic Chemistry

Name of Teacher	**Name of Topic**
Nikam V. U.	Introduction to Solid State
	Bonding in Solids
	Superconductivity
	Research Methodology
Vibhute C. P.	Organometallic Chemistry
	Bio-inorganic Chemistry
	p – block element
Ghuge R. M.	Heterocyclic chemistry
	Spectroscopy

HOD
Department of Chemistry
Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science College,

Mohanirajnagar, Kopargaon-423601, Dist-Ahmednagar

Student Centric Activity

Department: **Chemistry** Academic Year: **2020-2021**

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	Practical (UG +PG)	Yes	
		Projects (PG)		
		Dissertation (PG)		
		On job training		
		Study Tour		
		Guest Lecture		
2.	Participative Learning	Quiz		
		Student Seminar		
		STC		
		Scientific model		
		Workshop	11/02/2022	
		Field Visit		
		Avishkar		
3.	Problem Solving Methods	Assignments	Yes	
		Tutorials		
		Open book test		
4.	ICT Based Teaching Methods	YouTube Lecture	Yes	
		Software Used		
		List of PPTs	Yes	
		Virtual Lab		

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K.J.Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

HEAD
Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

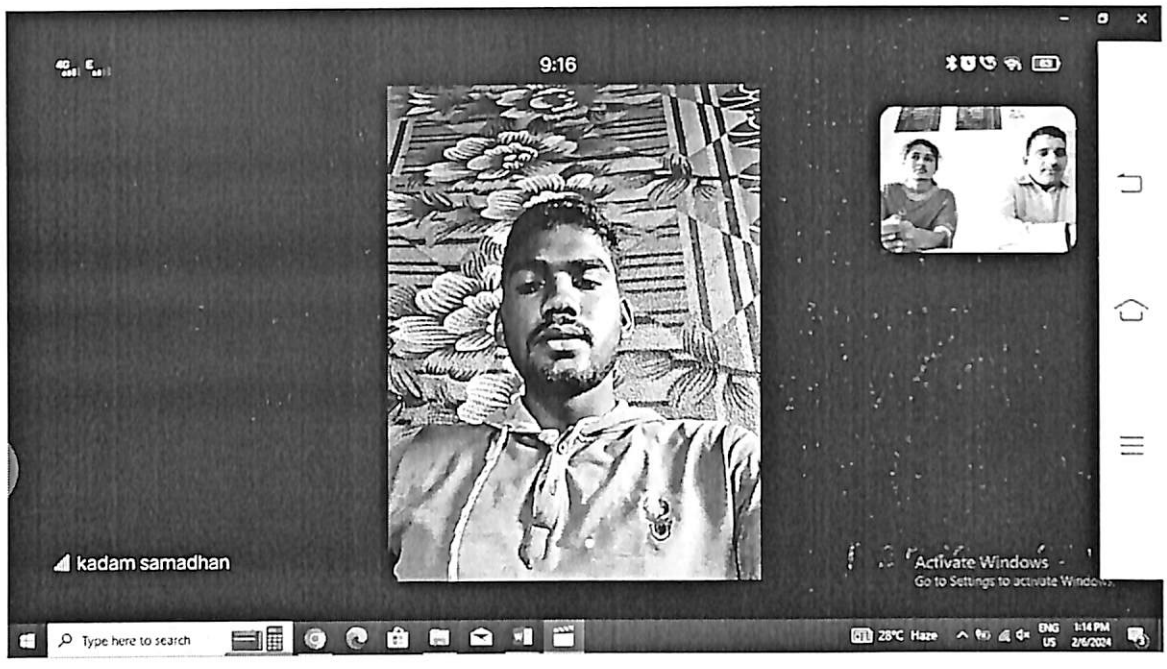
Practical Based Learning [2020-2021]

The Department of Chemistry, K. J. Somaiya College, Kopargaon conducts regular practicals as per the syllabus prescribed by the university. At the end of semester/year practical examination was carried out as per the university guidelines. This academic year practicals are conducted though online and exams were also conducted online through zoom and other links.

HOD

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon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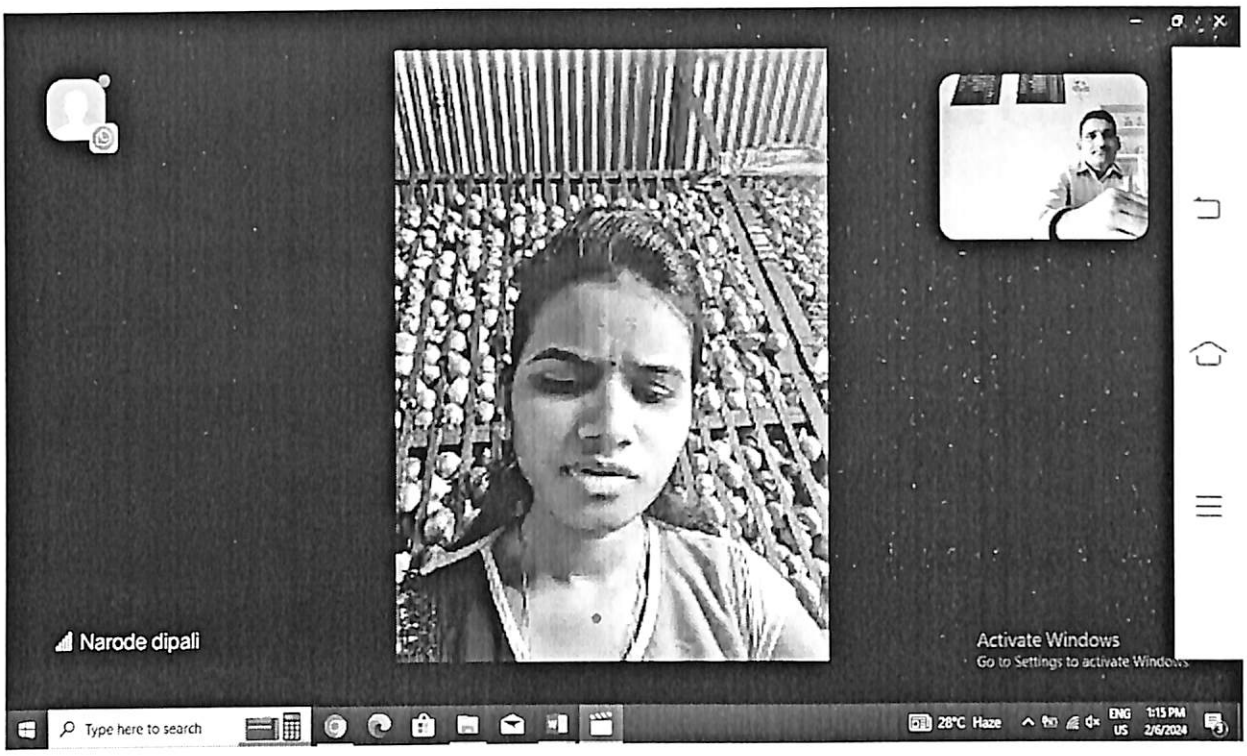
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Kopargaon Taluka Education Society's

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Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Hereby, informed that, Department of Chemistry is organizing one day online workshop on 'Strategies to Crack Competitive Exams in Chemical Sciences' on 11/02/2021 at Online Mode (Google Meet). All the students are requested to attend webinar on scheduled date.

Dr. S. B. Kale

Head of the Department

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanrajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/071(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com

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Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (B.A., M.L.A.)

Ref. No. : 30/chem./2020-21/1 Date : 4 / 2 /2021

To,

1) **Mr. Rajiv Abhyankar**
   CSIR-JRF, Chemical Science
   Institute for Advanced Studies (IFAS)
2) **Mr. Tauheded Nadeem**
   CSIR-JRF, Chemical Science
   Institute for Advanced Studies (IFAS)

Respected Sir,

I am happy to inform you that the Department of Chemistry, K. J. Somaiya College, Kopergaon organizing one day webinar on **"Strategies to Crack Competitive exams in Chemical Sciences"** on 11th February 2021. It is our pride privilege to invite you as a resource person for the one-day webinar.

We kindly request you to give your precious time to student and faculty members of Chemical Science Department. Your valuable presence and lecture will definitely prove useful to the teachers and students of Chemical Science.

I hope that you will consider our request to spare one day for our all-faculty members and students.

Thank you.

Yours faithfully,

(Dr. B.S. Yadav)
Principal
K.J.Somaiya College
Kopargaon

FREE ONE DAY WEBINAR ON
"STRATEGIES TO CRACK COMPETITIVE EXAMS IN CHEMICAL SCIENCES"

THU, 11TH FEB 2021

ORGANIZED BY

DEPARTMENT OF CHEMISTRY

IN ASSOCIATION WITH

INTERNAL QUALITY ASSURANCE CELL (IQAC)
KOPARGAON TALUKA EDUCATION SOCIETY'S

K. J. SOMAIYA COLLEGE OF ARTS, COMMERCE & SCIENCE
KOPARGAON 423601 (MAHARASHTRA)

SPEAKERS



RAJIV ABHYANKAR
CSIR JRF. GATE
UG - AT 1 PM



TAUHEDED NADEEM
CSIR JRF. GATE
PG - AT 2 PM

PATRONS



DR.B.S.YADAV
PRINCIPAL
K. J. SOMAIYA COLLEGE,
KOPARGAON



ADV. S. D. KULKARNI
SECRETARY
KTES



HON. ASHOK ROHAMARE
CHAIRMAN
KTES

ORGANIZING COMMITTEE

Dr. N. R. Dalvi	Dr. S. B. Kale	Dr.B.B.Bhosale	Prof.V.C.Thange	Dr.S.R.Pagare
Co-Ordinator	Convener & H.O.D.	Incharge	Co-ordinator	Vice Principal
Dept of Chemistry	Dept of Chemistry	Science Faculty	IQAC	

STAY HOME STAY SAFE

K. J. Somaiya College of Arts, Commerce & Science
Estd. 1964
Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon

One Day Webinar on

"Strategies to Crack Competitive exams in Chemical Sciences"

Thursday, 11th February 2021 Venue: Online Mode

Organized by

DEPARTMENT OF CHEMISTRY & IQAC

• **Introduction of Webinar**	:	**Dr. S. B. Kale** (Head & Convener, Dept. Of Chemistry)
• **Welcome Speech**	:	**Dr. B. S. Yadav** (Principal, KJS College)

Session-I

Resource Person	:	**Mr. Rajiv Abhyankar** (CSIR-JRF, GATE)
Introduction of speaker	:	**Dr. N. R. Dalvi** (Coordinator of Webinar)
Vote of thanks of Session-I	:	**Dr. N. T. Dhokale**

Session-II

Resource Person	:	**Mr. Tauheded Nadeem** (CSIR-JRF, GATE)
Introduction of speaker	:	**Prof. S. S. Nagare**
Vote of thanks of Session-II	:	**Dr. S. G. Konda**



Timestamp	Email Address	Participant Name	College Na	Mobile No.
2/10/2021 12:59:09	nrdalvi@yahoo.co.in	Dr. N. R. Dalvi	K. J. Somaiya college, koprg	09511690111
2/10/2021 13:27:03	namdeo.dhokale@gmail.com	Dr. Namdeo Tukaram Dhoka	K. J. Somaiya College Kopar	9028190526
2/10/2021 13:47:18	sbkale59@rediffmail.com	Dr. KALE SATISH BHASKAR	K. J. Somaiya College, Kopa	9881687374
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2/10/2021 18:53:53	jyotimhaske64@gmail.com	Mhaske Jyoti Ravsaheb	New Arts Commerce and Sc	8766485683
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2/11/2021 8:43:18	bs.gaikwad66@gmail.com	Dr B S Gaikwad	K J Somaiya College,Koparg	+919822617656
2/11/2021 8:44:08	rangnath.kolhe@rediffmail.c	Dr R V Kolhe	K J S COLLEGE KOPARGA	9822695383
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2/11/2021 11:09:46	harshadkamble710@gmail.	Harshada Mangesh Kamble	Modern college ganeshkhinc	7066869287
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2/11/2021 11:17:41	sonalnimbalkar16@gmail.cc	Sonali uttam Nimbalkar	Shri chhatrapati shivaji mahi	9075510229
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2/11/2021 12:15:07	rakhinkam2699@gmail.com	Nikam Rakhi Rajendra	K J Somaiya college Kopar	9607823467
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2/11/2021 12:19:58	komalrahane2002@gmail.co	Rahane komal kisan	K j s college kopergaon	8379034056

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2/11/2021 12:26:39	vrushalipachore7167@gmail	Pachore vrushali rajendra	K j Somaiya clg	8668551221
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2/11/2021 13:21:08	reshmapandule7@gmail.con	Pandule Reshma Sukhdev	Shri chhatrapati Shivaji mah	9529992374
2/11/2021 13:22:36	rupalibhavar3068@gmail.cor	Bhavar Rupali Ramesh	Kjs somaiya college koperge	8767964572
2/11/2021 13:22:57	runalrahane018@gmail.com	Rahane runal balasaheb	K j somaiya college, koperga	9370724255
2/11/2021 13:22:59	harshadad735@gmail.com	Deshamukh Harshada	B J clg ale	9309939437
2/11/2021 13:23:52	jidnyasamutha1108@gmail.c	Mutha Jidnyasa Deepak	SCSM Shrigonda	9420600640
2/11/2021 13:24:36	dahlwadeha1999@gmail.cor	Dhalwade Harshada Ambada	Shri chatrapati shivaji Mahai	9604933133
2/11/2021 13:25:29	runalrahane018@gmail.com	Rahane runal balasaheb	K j somaiya college	9370724255

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2/11/2021 13:25:32	dahiwadeha1999@gmail.cor	Dhalwade Harshada Ambada	Shri chatrapati shivaji Mahav	9604933133
2/11/2021 13:25:39	dahiwadeha1999@gmail.cor	Dhalwade Harshada Ambada	Shri chatrapati shivaji Mahav	9604933133
2/11/2021 13:25:43	dahiwadeha1999@gmail.cor	Dhalwade Harshada Ambada	Shri chatrapati shivaji Mahav	9604933133
2/11/2021 13:26:07	Shraddhabankar@123.com	Shraddha bankar	Kjs somiya College	9763083750
2/11/2021 13:26:49	ayansayyad5121@gmail.con	Ayan Masum Sayyad	K J S College	9168930583
2/11/2021 13:27:02	pratiknagawade4596@gmail	Pratik Nagawade	Scsm shrigonda	9067660707
2/11/2021 13:27:26	sakshirrajput@gmail.com	Sakshi rajusing rajput	Kjs collage kopargaon	9588413398
2/11/2021 13:28:33	jidnyasamutha1106@gmail.c	Jidnyasa Deepak Mutha	SCSM Shrigonda	9420600640
2/11/2021 13:30:10	98p yogita@gmail.com	Pokale Yogita Ashok	S. C. S. M college shrigonda	9130989656
2/11/2021 13:30:16	ravkarpe1998@gemail.com	Pratiksha Arjun Raykar	Shri Chhatrapati Shivaji mah	8080437980
2/11/2021 13:30:24	moteA1999@gmail.com	Ashwni Kundlik Mote	Mjs college ,shrigonda	09403771700
2/11/2021 13:30:29	ashirwadgawali7255@gmail.	Gawali Ashirwad Somnath	Kjs college kopargaon	7262810506
2/11/2021 13:31:15	vaibhavaher582@gmail.com	Vaibhav Kacheshwar aher	Kjs College kopergaon	7083620048
2/11/2021 13:31:22	aswalesantosh9345@gmail.(	Santosh aswale	Aac manchar	9503254847
2/11/2021 13:32:19	pstathe@gmail.com	Tathe Pallavi	C.T.Bora College Shirur	9552526090
2/11/2021 13:32:58	moteak1999@gmail.com	Ashwini Kundlik Mote	Mjs college shrigonda	09403771700
2/11/2021 13:36:03	suralkarrushikesh96@gmail.	Suralkar Rushikesh Shivaji	A.A.c	9146224246
2/11/2021 13:36:04	turkanepriyanka@gmail.com	Turkane Priyanka dadasaheb	K.j.somaiya kopergaon	7499019064
2/11/2021 13:36:16	suralkarrushikesh96@gmail.	Suralkar Rushikesh Shivaji	A.A.c	9146224246
2/11/2021 13:36:20	harshadatambe084@gmail.c	Tambe harshada Rajnikent	Radhabai kale mahila maha	7499470441
2/11/2021 13:36:30	suralkarrushikesh96@gmail.	Suralkar Rushikesh Shivaji	A.A.c	9146224246
2/11/2021 13:37:10	umashankarhiwale@gmail.c	UMASHANKAR HIWALE	Kjs college Kopergaon	7972149779
2/11/2021 13:37:24	suralkarrushikesh96@gmail.	Suralkar Rushikesh Shivaji	A.A.C Manchar	8010155342
2/11/2021 13:37:55	Pratikshajorvekar2018@gma	Jorvekar pratiksha santosh	Annasaheb aavte clg manch	8552800184
2/11/2021 13:39:26	danemanohar20@gmail.com	Manohar Dnyandeo Dane	Annasaheb aoute college Ma	9067903808
2/11/2021 13:40:47	rraut06@gmail.com	Rutuja Ramesh Raut	Modern college of science	8766942219
2/11/2021 13:41:46	manojnarode123@gmail.con	Narode Manoj Machhindra	K J S College Kopargaon	7020170221
2/11/2021 13:42:16	manojnarode123@gmail.con	Narode Manoj Machhindra	K J S College Kopargaon	7020170221
2/11/2021 13:43:08	Ketankale1432@gmail.com	Kale ketan popat	Annasaheb awate college m	8379010609
2/11/2021 13:44:16	manojnarode123@gmail.con	Narode Manoj Machhindra	K J S College Kopargaon	7020170224
2/11/2021 13:44:21	manojnarode123@gmail.con	Narode Manoj Machhindra	K J S College Kopargaon	7020170224
2/11/2021 13:45:54	prathadgawali0017@gmail.c	Prathad	K j s	9370721530
2/11/2021 13:47:59	shankard201800@gmail.con	Dongare Shankar nanasaheb	K J S College Kopargaon	9359456603
2/11/2021 13:50:16	Pritigawli5678@gmail.com	Priti Rajendra Gawli	K.J.sommaya college kopar	8208657626
2/11/2021 13:51:29	parshuramwarangule@gmail	Parshuram Damu Warangule	MPNM mirajgaon	9561717166
2/11/2021 13:53:28	rawadeshamals@gmail.com	Shamal Sanjay Rawade	Radhabai kale mahila maha	7588363422
2/11/2021 13:55:35	rutujavakte2@gmail.com	Vakte Rutuja Prakash	Kjs	8263083868
2/11/2021 14:00:16	fundesonal5@gmail.com	Sonu Raosaheb Funde	Jawahar junior college Chan	8459514209
2/11/2021 14:00:19	rushikeshdarunte@gmail.cor	Daruntе Rushikesh Dilip	Kjs college	7350020683
2/11/2021 14:08:17	kalekajal602@gmail.com	Kale Kajal sanjay	K.j.s collage kopergaon	9767653351
2/11/2021 14:17:32	nutanwagh2021@gmail.com	Nutan prabhakar wagh	Kjs college , kopergaon.	7219128060
2/11/2021 14:34:25	sadafalkiran31803@gmail.cc	Sadafal Kiran Sharad	Kjs college Kopargaon	9307691488
2/11/2021 14:46:47	deepalmurade@gmail.com	Murade deepali Babasaheb	Nutan arts commers and sci	9273949845
2/11/2021 15:29:17	swapnilekhande121@gmail.(	Ekhande swapnil chandrabha	Hon.Balasaheb Jadhav Arts,	8806309921
2/11/2021 15:29:35	swapnilekhande121@gmail.(	Ekhande swapnil chandrabha	Hon.Balasaheb Jadhav Arts,	8806309921
2/11/2021 15:36:18	dnyaneshwarpachore2255@	Pachore Dnyaneshwari Anna	K.j.somaiya college koparga	9373385800
2/11/2021 15:56:54	sanaphrushikesh32@gmail.c	Sanap Hrushikesh Balasaheb	kgdm college niped	9503300639
2/11/2021 16:01:18	markadprajakta602@gmail.c	Markad prajakta pandit	Kgdm college, Niphad	8010355126
2/11/2021 16:07:12	markadprajakta602@gmail.c	Markad prajakta pandit	Kgdm arts commerce & scie	8010355126
2/11/2021 16:17:41	harshalipagare24@gmail.cor	Pagare Harshali Shankar	K.G.D.M college niphad	7823806409
2/11/2021 16:18:04	harshalipagare24@gmail.cor	Pagare Harshali Shankar	K.G.D.M college niphad	7823806409
2/11/2021 16:18:10	harshalipagare24@gmail.cor	Pagare Harshali Shankar	K.G.D.M college niphad	7823806409
2/11/2021 16:19:43	chitrat3760@gmail.com	Taskar chitra arjun	K G D More college niphac	7498658466
2/11/2021 16:19:51	chitrat3760@gmail.com	Taskar chitra arjun	K G D More college niphac	7498658466
2/11/2021 16:20:22	rupali1410kadam@gmail.cor	Kadam Rupali Shivaji	K.G.D.M College. Nibhad	8459589044
2/11/2021 16:20:40	tarlepratiksha5@gmail.com	Pratiksha Arjun Tarle	Kgdm college niphad	9373118439
2/11/2021 16:34:19	shwetashinde2940@gmail.c	Shweta Shinde	K.G.D.M college Niphad	8788375194
2/11/2021 16:34:42	shwetashinde2940@gmail.c	Shweta Shinde	K.G.D.M college Niphad	8788375194
2/11/2021 17:23:58	Sharistamubeenmlg@gmail.c	Ansari Sharista Samreen Mub	J.A.T. Arts science and comr	8668855249
2/11/2021 17:25:51	niphademonali9527@gmail.c	Niphade monali ramahari	Kgdm college niphad	7666501748
2/11/2021 17:42:56	karannikhade2405@gmail.cc	Karan arun nikhade	K.g.d.m clg niphad	8999260039
2/11/2021 17:43:06	karannikhade2405@gmail.cc	Karan arun nikhade	K.g.d.m clg niphad	8999260039
2/11/2021 17:45:33	kajalnagare2020@gmail.con	Nagare kajal shivaji	K.G.D.M COLLEG NIPHAD	9146853321
2/11/2021 18:06:07	navnathw85@gmail.com	Waghchaure Priyanka Naraya	K.G.D.M College Niphad	9657777980
2/11/2021 18:10:24	nichitsharada881@gmail.cor	Nichit sharada Tulasiram	K.k wagh college pimpalgaor	8010095284
2/11/2021 19:22:14	madhungajare7038@gmaile	Gajare Madhun Shantaram	K.G.D.M College niphad	7057037449
2/11/2021 19:25:29	madhungajare3078@gmail.c	Gajare Madhuri Shantaram	K.G.D.M college niphad	7057037449
2/11/2021 20:05:11	dubevrushali11@gmail.com	Dube vrushali Arjun	K j Somaiya	7758083220
2/11/2021 20:16:51	jadhavpooja2661998@gmail	Jadhav Pooja Pratap	Balwant college vita	9769374365
2/11/2021 20:26:50	dattatraykadam.wal1414@gr	Kadam Dattatray Balasaheb	Balwant College Vita	7558359844
2/11/2021 20:37:03	vaishnavidhule2255@gmail.(	Dhule Vaishnavi Dattu	K.J Somaiya College Kopar	9270658400
2/11/2021 20:51:29	apekshashelake9@gmail.cor	Apeksha shelake	Mgp clg ahmednagar	7520367001
2/11/2021 20:57:48	vnaiknawore77@gmail.com	Mr.Vishal Vilasrao Naiknawar	Swa Sawarkar Manavvidyalay	9890944857
2/11/2021 21:19:42	sarikaa.patil87@gmail.com	Sarika Uttamrao Patil	Balwant college, Vita	9657838847
2/11/2021 21:39:38	jaydeshmukhni3@gmail.com	Sakshi ashokrao somvanshi	Shivaji high school kamrad c	9390179977
2/11/2021 23:04:14	poojodshinde99@gmail.com	Shinde pooja Deepak	K.G.D.M College Niphad	8308336257
2/12/2021 8:01:40	karunajadhav366@gmail.cor	Jadhav Karuna Ashok	Balwant college , vita	7843065825
2/12/2021 8:03:00	karunajadhav366@gmail.cor	Jadhav Karuna Ashok	Balwant college, vita	7843065825
2/12/2021 9:42:15	mkp3011@gmail.com	Mahendrakumar Khemchand	Shardabai Pawar Mahila Col	09763020207
2/12/2021 12:40:25	pranalibornade19@gmail.cc	Pranali Pandurang bornade	Annasaheb awate college	9689958112
2/12/2021 12:52:58	srahane520@gmail.com	Rahane shweta Appasaheb	K. J. Somaiya College koca	9021733127
2/12/2021 14:44:17	gitashiledar@gamil.com	Gitanjali kailas shiledar	K. J. Somaiya	8010272581
2/12/2021 17:16:50	rohinidatir2000@gmail.com	Datir rohini ramesh	Rkmm ahemadnagar	9529431423
2/13/2021 12:04:18	kantilalavhad01@gmail.com	Avhad kantilal chintaman	Kis college	7263039577
2/15/2021 11:39:25	sbarbande1610@gmail.com	Shweta Anil Barbande	Shivaji Art, commerce and S	9275884671
2/15/2021 23:47:48	egirme666@gmail.com	Girme Ankita Rajesh	K.J Somaiya college Koper	8390698682
2/16/2021 7:00:31	yogeshwardeokar@gmail.co	Yogeshwar Ratan Deokar	Sanjivani junior college	9975717952
2/16/2021 13:33:27	rohamarenikita@gmail.com	Rohamare nikita ashok	K. J. S college kopergaon	9623993617

Date: 12th February 2021

Report On

One Day Webinar on "Strategies to Crack Competitive Exams in Chemical Sciences"

The department of Chemistry and IQAC has organized a one day webinar on "Strategies to Crack Competitive Exams in Chemical Sciences" on 11th February 2021. This programme was open to all students as well as faculty members in order to get an idea about the various opportunities and strategies to crack competitive exams in chemical sciences. This webinar was carried out in two sessions. In the beginning Dr. S.B. Kale (Convener of the Webinar) has given introduction about webinar. Prof. V. C. Thange, Coordinator, IQAC was addressed regarding the role of IQAC regarding the various students related activities run by IQAC. Then principal of the college Dr. B. S. Yadav has given the welcome speech and announced the inauguration of the progamme.

In the first session, the introduction of resource person Mr. Rajiv Abhyankar was given by Dr. N.R. Dalvi, coordinator of webinar. Mr. Rajiv Abhyankarthen addressed the participants regarding different strategies to crack competitive exams in chemical sciences. The vote of thanks for first session was proposed by Dr. N.T. Dhokale.

The second session was started by the introduction of resource person Mr. Tauheded Nadeem by prof. S.S. Nagre. Then Mr. Tauheded Nadeem was addressed to the participants. He focused on various competitive exams in chemical sciences. The vote of thanks for second session was proposed by Dr. S.G. Konda.

Dr. S. B. Kale
Head, Dept. of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com

NAAC ACCREDITED 'A' GRADE AN ISO 9001-2015 CERTIFIED INSTITUTE
SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

Ref. No. 30/chem/2020-21/3

Date : 12/02/2021

Letter of Appreciation

To,

Mr. Tauheded Nadeem

CSIR-JRF, Chemical Science

Institute for Advanced Studies (IFAS)

Dear Sir,

We are very much thankful to you for accepting and delivering an invited talk in One Day Webinar on "Strategies to Crack Competitive exams in Chemical Sciences"held on 11 February 2021 organized by department of chemistry and IQAC.

We sincerely appreciate your efforts taken and sharing your knowledge to the participants.

Once again thank you very much.

Yours Sincerely,

(Dr. B. S. Yadav)

Principal,
K.J.Somaiya College
Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com

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Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) **Founder President : Late K. B. Rohamare** (Ex. M.L.A.)

Ref. No. : 30/chem/2020-21/2 Date : 12/02/2021

Letter of Appreciation

To,

Mr. Rajiv Abhyankar
CSIR-JRF, Chemical Science
Institute for Advanced Studies (IFAS)

Dear Sir,

We are very much thankful to you for accepting and delivering an invited talk in One Day Webinar on "Strategies to Crack Competitive exams in Chemical Sciences"held on 11 February 2021 organized by department of chemistry and IQAC.

We sincerely appreciate your efforts taken and sharing your knowledge to the participants.

Once again thank you very much.

Yours Sincerely,

(Dr. B. S. Yadav)
Principal
K.J.Somaiya College
Kopargaon

K.J.Somaiya College of Arts, Commerce & Science Estd. 1984 Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2020-2021

Name of the Teacher: Dr.S. B. Kale

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- contents
	YouTube Channel Link	https://youtube.com/@dr.satishkale2756
1	T. Y. B. Sc (CH-507)	https://youtu.be/1fiA4av9OjY
2		https://youtu.be/SSJrAa22sGs
3		https://youtu.be/WNLGFEHuDZ0
4		https://youtu.be/XgbzzLSTQxc
5		https://youtu.be/MM_zUhxzOfU
6		https://youtu.be/g0gmlvof8yU
7	T. Y. B. Sc (CH-343)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3493
8		https://youtu.be/NEC986byRdA
9		https://youtu.be/wAX6ZO1pIJY
10		https://youtu.be/GHFUB8pny5w
11		https://youtu.be/kSimlgWX9Es
12	S. Y. B. Sc(CH-402)	https://youtu.be/VvJdHSTLkEI
13		https://youtu.be/m5ZnytGTOnQ
14		https://youtu.be/qFeD-hImwV8
15		https://youtu.be/qwpjX54UfEg
16		https://youtu.be/JSK2aiw4St0
17	S. Y. B. Sc (CH-302)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/4202
18		https://youtu.be/JFevlfBVdxE
19		https://youtu.be/8FUxfWbSpX4
20		https://youtu.be/0cPR3tYgdHs
21		https://youtu.be/rkpjQzMD0DA
22		https://youtu.be/CD3g_-t8pr8



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2020-2021

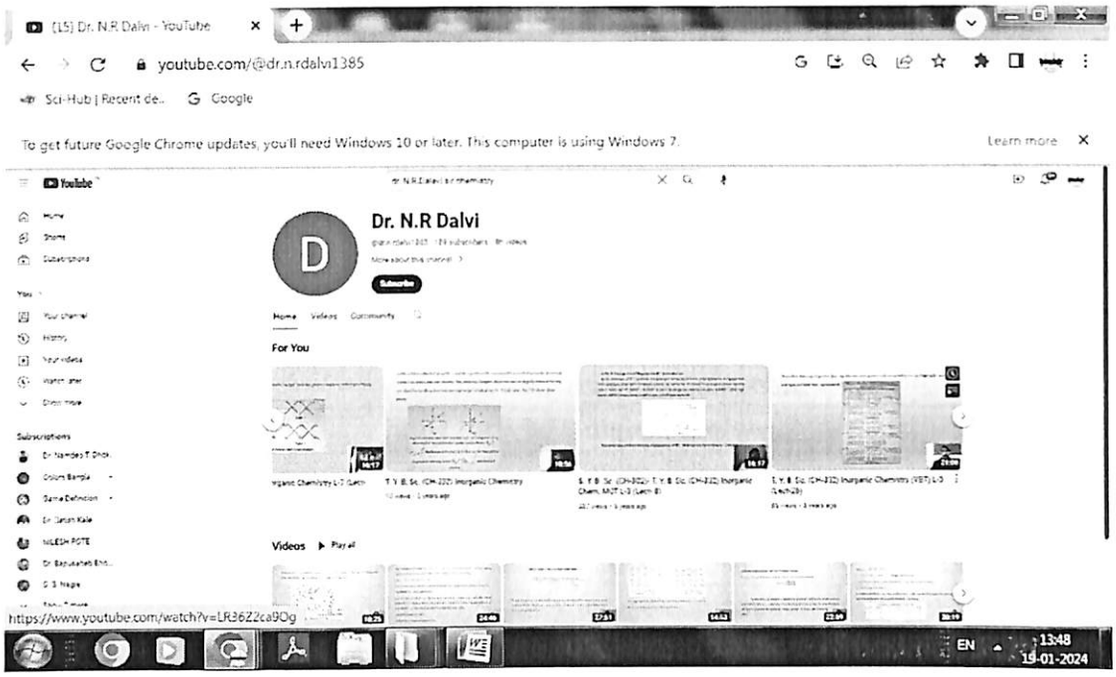
Name of the Teacher: Dr.N. R. Dalvi

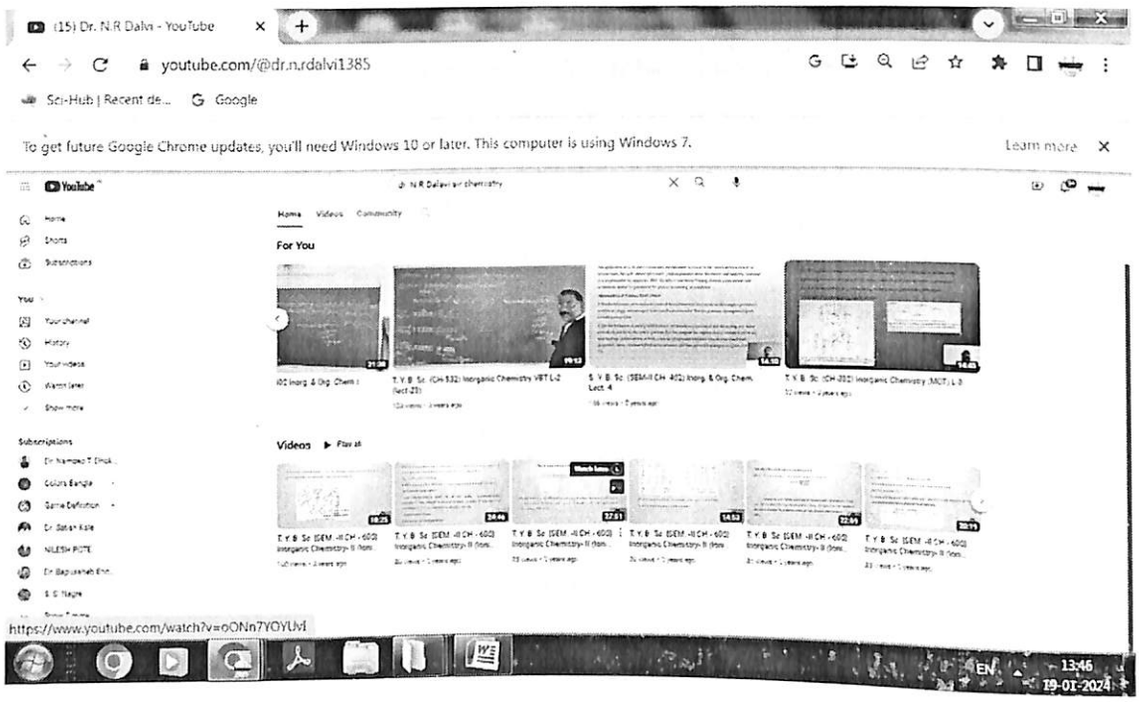
Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- contents
1	MOT (T. Y. B. Sc.)	https://youtu.be/M5hjErmzeqc
2		https://youtu.be/KR1PcQxv_I0
3		https://youtu.be/1-nHlw-4nnU
4		https://youtu.be/EXa9aEGBqgI
5		https://youtu.be/Xx2sJfXtaeg
6	Metals, Semiconductors (T. Y. B. Sc.)	https://youtu.be/i7WnCtvZ18g
7		https://youtu.be/EuUY92VI9o8
8		https://youtu.be/vithgpFYcm0
9		https://youtu.be/qAyc52CVeDs
10		https://youtu.be/WaP1oY2tD_M
11		https://youtu.be/pp9L2sA6CW8
12		https://youtu.be/0eihFcohqjk
13		https://youtu.be/5eCOnmqHVoU
14		https://youtu.be/3aBnt4mC12s
15	Homo. and Hetero. Catalysis (T. Y. B. Sc.)	https://youtu.be/LKub_VgFcsY
16		https://youtu.be/8enRQmmc6Xw
17		https://youtu.be/ziDGwTKNfYo
18		https://youtu.be/V9Z-wni5stY
19		https://youtu.be/eUArkmVEgqg
20		https://youtu.be/JKpIed9VU5c
21	Ionic Solids (T. Y. B. Sc.)	https://youtu.be/X2Gh8iB9Z-E
22		https://youtu.be/BsTAAyDIFbs
23		https://youtu.be/4fwgVE9CpCM
24		https://youtu.be/tdhXh5RzS8k
25		https://youtu.be/rnbQIxXrHgA
26		https://youtu.be/kH0Ne_1LTQ0
27		https://youtu.be/HtT1FVAf9V8
28		https://youtu.be/oONn7YOYUvI
29		https://youtu.be/ktJ7d4O-22E
30		https://youtu.be/32KvEkSos1U
31		https://youtu.be/bwSAq5MMIjg
32	Bio-inorganic Chemistry (T. Y. B. Sc.)	https://youtu.be/crUe_xZHOI0
33		https://youtu.be/Xlt1HRUxTU8

34		https://youtu.be/T-Gccv53S5I
35		https://youtu.be/8Roxv2wP2qg
36		https://youtu.be/v0z3LL6ymHc
37	MOT (S. Y. B. Sc.)	http s://youtu.be/hY_gOV549yY
38		https://youtu.be/toFstLgH2bg
39		https://youtu.be/SpjrV-Fy2bQ
40		https://youtu.be/3aBnt4mC12s
41		https://youtu.be/MYj4Zbu4w1U
42		https://youtu.be/AMygNEbsRgE
43		https://youtu.be/dUcfzOcqzBM
44		https://youtu.be/HOdijAkexao
45		https://youtu.be/f1H_Za_K2Yw
16		https://youtu.be/C6EVjhqp42
47		https://youtu.be/1rtgBeIUyrs
48		https://youtu.be/se-KVkv2JN4
49		https://youtu.be/E_ka38tIrBc
50	Introduction to Coordination Complexes (S. Y. B. Sc.)	https://youtu.be/w-ms0Efv4QM
51		https://youtu.be/7GQHrHQkaZI
52		https://youtu.be/OAVX2HDjdEI
53		https://youtu.be/dB0neu9mNEM
54		https://youtu.be/Ne2RNOZRCUA
55	Isomerism in Coordination Complexes (S. Y. B. Sc.)	https://youtu.be/6JmH_qq4CJw
56		https://youtu.be/egKihNIqbvk
57		https://youtu.be/GfxLyWUvJE4
58	VBT (S. Y. B. Sc.)	https://youtu.be/gsxjPmiYWDI
59		https://youtu.be/GERdt_J_Q64
60		https://youtu.be/TTmNOj2Lp3w
61		https://youtu.be/hdqhQZtpXso
62		https://youtu.be/4Cn0Oq98Pjo
63	CFT (S. Y. B. Sc.)	https://youtu.be/qoA1JPUG3s0
64		https://youtu.be/9j1p40wnA3A
65		https://youtu.be/4uTuyBX2eKE
66		https://youtu.be/1-uKmPulFx4
67		https://youtu.be/Fka_cBSQzqs
68		https://youtu.be/zrx2Px1p2w4
69		https://youtu.be/YJPWxuAL-mA

70		https://youtu.be/SMto8mfNqfs
71	F. Y. B. Sc.	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3738
72		http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3740





Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2020-2021

Name of the Teacher: Dr.N. T. Dhokale

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- content
1	HPLC (T. Y. B. Sc.)	https://www.youtube.com/watch?v=s5qvsrEqANM
2		https://www.youtube.com/watch?v=DTBqFL-g8g8
		https://www.youtube.com/watch?v=QolwUDpsDhA
3		https://www.youtube.com/watch?v=R1tsilgls9g&t=368s
4		https://www.youtube.com/watch?v=JhEsmJWyCx4
5		https://www.youtube.com/watch?v=JrBR2NsBYGg&t=311s
6		https://www.youtube.com/watch?v=BpxIie6ApiY
7		https://www.youtube.com/watch?v=DDMFk8PHmpE&t=83s
8	Solvent xtraction (T. Y. B. Sc.)	https://www.youtube.com/watch?v=WsMKrQtGqRg
9		https://www.youtube.com/watch?v=XqJMCziyii8
10		https://www.youtube.com/watch?v=9cSpWJNUEvA&t=7s
11		https://www.youtube.com/watch?v=aX3TTBw4L1s
12		https://www.youtube.com/watch?v=fv9kCPzQBjM
13		https://www.youtube.com/watch?v=vDBKVkZ3QlU
14		https://www.youtube.com/watch?v=Bobzblhcu-w&t=1s
15		https://www.youtube.com/watch?v=CCeTB-EwhMA&t=1s
16		https://www.youtube.com/watch?v=_AKGvOOafhc&t=1s
17		https://www.youtube.com/watch?v=hQzLqXLy6D8
18		https://www.youtube.com/watch?v=RsMKb7aIJsk
19	Gravimetric Analysis (T. Y. B. Sc.)	https://youtu.be/9cfbn3FKw4k?list= PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
20		https://youtu.be/T8txA2Jh6wg?list= PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
21		https://youtu.be/j9BhYZahhYQ?list= PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
22		https://youtu.be/Lj-axvXnWtk?list= PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
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24		https://youtu.be/mWS2-1sZMwo?list= PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
25		https://youtu.be/gTktFrvU1Ts?list= PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b

26		https://youtu.be/qI7PHS9W6nA?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
27		https://youtu.be/J_1r2v7FlYw?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
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29		https://youtu.be/wZ4J-Lm7pHs?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
30		https://youtu.be/JVYQ3vOFnhU?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
31		https://youtu.be/1SsH0RI3e1Q?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
32		https://youtu.be/0ORngA3lcwc?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
33		https://youtu.be/ZdZdwQhPf9k?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
34		https://youtu.be/_Pf4Afns9bk?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
35		https://youtu.be/izB8k99zTNk?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
36		https://youtu.be/-syCQdb7e8Y?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
37		https://youtu.be/RR3pO8bUFzM?list=PLXVWX64SHkaE37vo8yAw_yKeW-YihrQ5b
38	Thermal Methods of Analysis (TGA & DTA)(T. Y. B. Sc.)	https://youtu.be/y3NfF5g5Jlw?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
39		https://youtu.be/UuuMS8r7E-8
40		https://youtu.be/8NWcyfIBv5I?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
41		https://youtu.be/wBdrYvQ3bdw?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
42		https://youtu.be/e-kXgfjgrgA?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
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44		https://youtu.be/hWWJ-ES_J5s?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
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46		https://youtu.be/lE32hP3S6q4?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
47		https://youtu.be/uv6TXTpys9c?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
48		https://youtu.be/57FKwBeBUI4?list=PLXVWX64SHkaHFm6Gm8RzDS49MVn1LZCsQ
49	Spectrophotometry (T. Y. B. Sc.)	https://youtu.be/em_Ig3JwHlE?list=PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
50		https://youtu.be/toi_BN-WxRk

51		https://youtu.be/1XrWYXbjSYE?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
52		https://youtu.be/9MpfzXtWrAY?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
53		https://youtu.be/x4Ox0wAh_PI?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
54		https://youtu.be/zdH9MVrqKYw?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
55		https://youtu.be/RVFcT1oCTlY?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
56		https://youtu.be/6YT54glRCZA?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
57		https://youtu.be/Ey70wNmIRY8?list= PLXVWX64SHkaGzllR-VyqlYAi025pKcKOm
58		https://youtu.be/8CTYJG7Y4aY
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67	Polarography (T. Y. B. Sc.)	https://youtu.be/WUxd0DfaMWw?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
68		https://youtu.be/JfxxsUK6QwY
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70		https://youtu.be/Q9P2jlT0EFA
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74		https://youtu.be/WUxd0DfaMWw?list= PLXVWX64SHkaFbNuyEOT4z2ILFS74ki6mf
75	AAS (T. Y. B. Sc.)	https://youtu.be/NDIc7Vc3aFY?list= PLXVWX64SHkaFkbM2OsnvyVQTFGPcqcCTY
76		https://youtu.be/TVuw1PC8Smw
77		https://youtu.be/1weVcEeEpEs?list=

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78		https://youtu.be/JitLmoAsH10
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80		https://youtu.be/c1T0nVW92eQ?list= PLXVWX64SHkaFkbM2OsnvyVQTFGPcqcCTY
81	FES (T. Y. B. Sc.)	https://youtu.be/TLTf2saz7vE
82		https://youtu.be/OY3T0-wRVq4?list= PLXVWX64SHkaEE8EGnYhND4areXcxIHcd8
83		https://youtu.be/MNzL_Hx7NNc?list= PLXVWX64SHkaEE8EGnYhND4areXcxIHcd8
84		https://youtu.be/yusQutA5njE?list= PLXVWX64SHkaEE8EGnYhND4areXcxIHcd8
85		https://youtu.be/ZPrJvq3eHXw
86		https://youtu.be/tffrxBrJZew
87	Errors in Quantitative Analysis (S. Y. B. Sc.)	https://youtu.be/VJhE09QjzSw
88		https://youtu.be/VKW-YaJUrm8
89		https://youtu.be/a5wqkm9Itaw
90		https://youtu.be/oVzKTX3KUEY
91		https://youtu.be/u6gdI69-48Q
92		https://youtu.be/Ed9Iqi3kKCA
93	Volumetric Analysis (S. Y. B. Sc.)	https://youtu.be/oTSUfLk0myo
94		https://youtu.be/oTSUfLk0myo
95		https://youtu.be/LVLQhzl0_kA
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97		https://youtu.be/1_UR6lHKkZk
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111		https://youtu.be/qkwJMcR5Mok
112		https://youtu.be/QwVl2yo9Pc8
113	Column Chromatography	https://youtu.be/_UVflPoltbg?list=

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118		https://youtu.be/KYjha0t-rRk?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
119		https://youtu.be/svVVpjo5yGo?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
120	Calorimetry (S. Y. B. sc.)	https://youtu.be/60H3LxF24uY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
121		https://youtu.be/Stx_5C4rWrE
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124		https://youtu.be/phY8nm2CUxY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
125		https://youtu.be/r9nlaaLNW34?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
126		https://youtu.be/7zqXy25Rstg
127		https://youtu.be/0Dok0E27Y-g
128		https://youtu.be/2xmivegcguA?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
129		https://youtu.be/hrOGIC9L7sk
130		https://youtu.be/58Y_SD538oE?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
131		https://youtu.be/E3qLf4O2l6w?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
132	Conductometry (S. Y. B. Sc.)	https://youtu.be/dgyMeG0w6FI?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
133		https://youtu.be/1aEMpSobyeM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
134		https://youtu.be/PzpQHeJk6zU?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
135		https://youtu.be/fBfeDepzCDM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
136		https://youtu.be/u0c7RcftlAI?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
137		https://youtu.be/X6_2yUJKhEM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
138		https://youtu.be/GMV1R4DoKAA?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
139		https://youtu.be/x7qx5ySlxH0?list=

		PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
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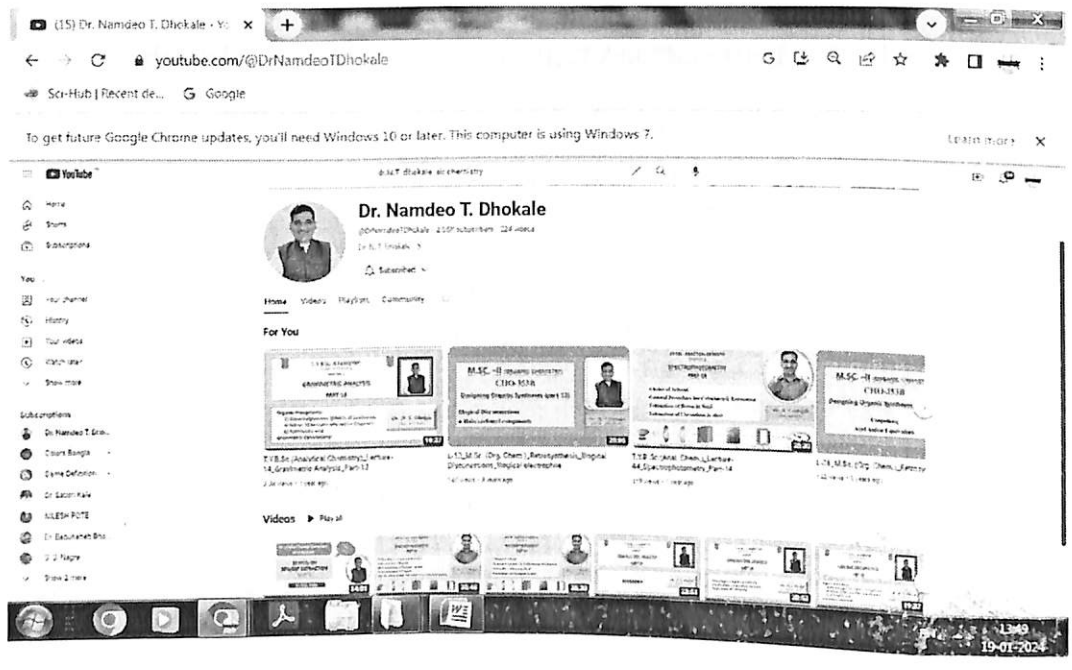
141		https://youtu.be/V5rwR4R7j3k?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
142		https://youtu.be/pNTcTbRK5QU?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
143		https://youtu.be/e1_3FOHuYKw?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
144	Qualitative Analysis of Organic Compounds (F. Y. B. Sc.)	https://youtu.be/3bOG3o-iGsk?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
145		https://youtu.be/HjFNvI_xxeo?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
146		https://youtu.be/u6yKEV1_E18?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
147		https://youtu.be/S_fe3XtmKt8?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
148		https://youtu.be/h-MCcF-ejkQ?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
149		https://youtu.be/mNIbeZxsyOI?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
150		https://youtu.be/vALJhl3ToKA
151		https://youtu.be/WM1E-Zbp_us?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
152		https://youtu.be/lziYnpXs84o?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
153		https://youtu.be/GxoZQi7Xe5A?list= PLXVWX64SHkaFq-mWzIdUjwoGNPtR0E-Sl
154		



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2020-2021

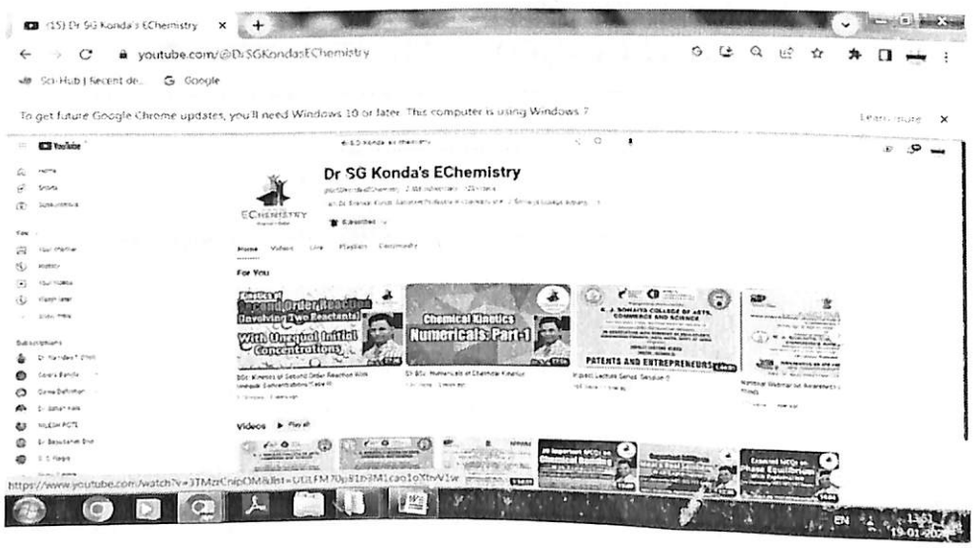
Name of the Teacher: Dr. S. G. Konda

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- content
	YouTube Channel Link	https://youtube.com/@DrSGKondasEChemistry
1	Polymer Chemistry (T. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/2116
2		https://youtu.be/keNqVixKgAw
3		https://youtu.be/Jf_LX0MbSdQ
4		https://youtu.be/_-g9eZB6zfQ
5		https://youtu.be/N9SHKZEsUo8
6		https://youtu.be/M1qBSeX_C_4
7		https://youtu.be/kyrsaUObZR4
8		https://youtu.be/EG_CHU1EW2s
9	Modern Approach to Chemical Industry (T. Y. B. Sc.)	https://youtu.be/P-yklZfNFhg
10		https://youtu.be/yjaC3Ky7MvU
11		https://youtu.be/RZQyKN3Mfss
12		https://youtu.be/Ytr0ktVUMF4
13		https://youtu.be/cSzaR4va1Wg
14		https://youtu.be/Ff-q-JuYhwY
15		https://youtu.be/d4jxu1NAhVU
16		https://youtu.be/7Ztai_lYNi4
17	Manufacture of Basic Chemicals (T. Y. B. Sc.)	https://youtu.be/Jaof7TTawKk
18		https://youtu.be/bfks37flLuA
19		https://youtu.be/5biIY4T4blw
20		https://youtu.be/AdwS4d5LBxk
21		https://youtu.be/aTu78tifrWU
22		https://youtu.be/IaBI4He4xpE
23		https://youtu.be/2PRWORBjNls
24		https://youtu.be/YRVTGmpJyj4
25		https://youtu.be/FLP8qsXxRYQ
26	Sugar Industry (T. Y. B. Sc.)	https://youtu.be/SdQ6AQR4ZBs
27		https://youtu.be/2QmWoOkEyvg
28		https://youtu.be/WvIuDQqkrVA
29		https://youtu.be/hhJdG11HBpg
30	Cement Industry (T. Y. B. Sc.)	https://youtu.be/-RweYv076TY
31		https://youtu.be/Ei1hEIvxG2Q

32		https://youtu.be/te5D7Cnw0ao
33		https://youtu.be/MxLvUqYZqF0
34		https://youtu.be/2sjlc5ZLOAI
35		https://youtu.be/2HQjuKXFB40
36		https://youtu.be/TK2VTJGTYK0
37	Chemical Kinetics (S. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/8040
38		http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/8039
39		https://youtu.be/2bfuU6yD5Sk
40		https://youtu.be/AcVmvxlUPps
41		https://youtu.be/CTi70eIA6-U
42		https://youtu.be/voIcVztRqxY
43		https://youtu.be/D3NLH25nKwo
44		https://youtu.be/cN9XxdrvfMw
45		https://youtu.be/WGf1mb0Wmc8
46		https://youtu.be/1BLSG26ZRY8
47		https://youtu.be/1YD7xOzFQM0
48		https://youtu.be/__hSmFNGxQ4
49		https://youtu.be/EJNYGPRSBz0
50		https://youtu.be/L1gmhxxlSoc
51		https://youtu.be/KXOShE8luM0
52		https://youtu.be/IxTLzrboSZM
53		https://youtu.be/rneApr0AlMY
54		https://youtu.be/05gb_OIwvzo
55		https://youtu.be/hvinFEZESS0
56		https://youtu.be/vtk1XKKgx-g
57		https://youtu.be/jW7n-1iYGYU
58	Surface Chemistry (S. Y. B. Sc.)	https://youtu.be/iPL1zyPXcLw
59		https://youtu.be/dImI5bPlNd0
60		https://youtu.be/SIqXFiO07Uk
61		https://youtu.be/Dq6XfAFCkxo
62		https://youtu.be/O2csqJW_0nc
63		https://youtu.be/8g_7BHWgm6o
64		https://youtu.be/qr6EC7VIzRk
65	Phase Equilibrium (S. Y. B. Sc.)	https://youtu.be/V1XHAKJnc9k
66		https://youtu.be/Fp8f7BxRcCc
67		https://youtu.be/QTna5PymN30
68		https://youtu.be/uG2Yxk50r6E
69		https://youtu.be/DnLQHW-L6tE
70	Ideal and Real Solutions (S. Y. B. Sc.)	https://youtu.be/V9XIZ_tW9s8
71		https://youtu.be/JHz69ylVJVY
72		https://youtu.be/388jWMsXWBg
73		https://youtu.be/BEfW0H3ouaA
74		https://youtu.be/fjjrUlKQsxo
75		https://youtu.be/Nbbly_FgQ6I
76		https://youtu.be/qSLefg73cPI
77		https://youtu.be/mhSOvjkU_cA

78		https://youtu.be/nApo8UY0kHs
79		https://youtu.be/I62Zxk8EP2c
80		https://youtu.be/x36ZLe6yLDo
81	Chemical Energetics (F. Y. B. Sc.)	https://youtu.be/5Ak5hzbJYQY
82		https://youtu.be/QPu3iJeZp4Q
83		https://youtu.be/_XwF8TDQSSM
84		https://youtu.be/nHqkEf3grzk
85	Chemical Equilibrium (F. Y. B. Sc.)	https://youtu.be/VBj0k4TFl-c
86		https://youtu.be/NnpA8cQ4DJ8
87		https://youtu.be/csQWl5x_0fY
88		https://youtu.be/1ANoNGcEj1U
89		https://youtu.be/y_VQZcJ6YYk
90	Phase Equilibrium (F. Y. B. Sc.)	https://youtu.be/eG_qsubi0fw
91		https://youtu.be/uoRYgeqIVJA
92		https://youtu.be/FMbyr9ks1T4
93		https://youtu.be/JMxxhwJJL34
94		https://youtu.be/XQdcV7rCn0k
95		https://youtu.be/I4FUI0WkQIo
96		https://youtu.be/3iFHUW125k0
97		https://youtu.be/Z6k1lt7_ypc
98		https://youtu.be/8jNqfaEyPBM
99		https://youtu.be/Fa66f8PfdgE
100	Stereochemistry (F. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/2148
101	Atomic Structure (F. Y. B. Sc.)	https://youtu.be/P-3fBDOskA4
102		https://youtu.be/H-ttIM13LVo
103		https://youtu.be/gsYF04-vB-w
104		https://youtu.be/1-DPPMT69og
105	Chemical Bonding (F. Y. B. Sc.)	https://youtu.be/YeY-HDEDaWI
106		https://youtu.be/qfauuR_5sts
107		https://youtu.be/DpRkUU0c53Y
108		https://youtu.be/4TSI956sONg
109		https://youtu.be/kCOfvsXwqkc
110		



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2020-2021

Name of the Teacher: Mr. S. S. Nagre

Name of the Department: Chemistry

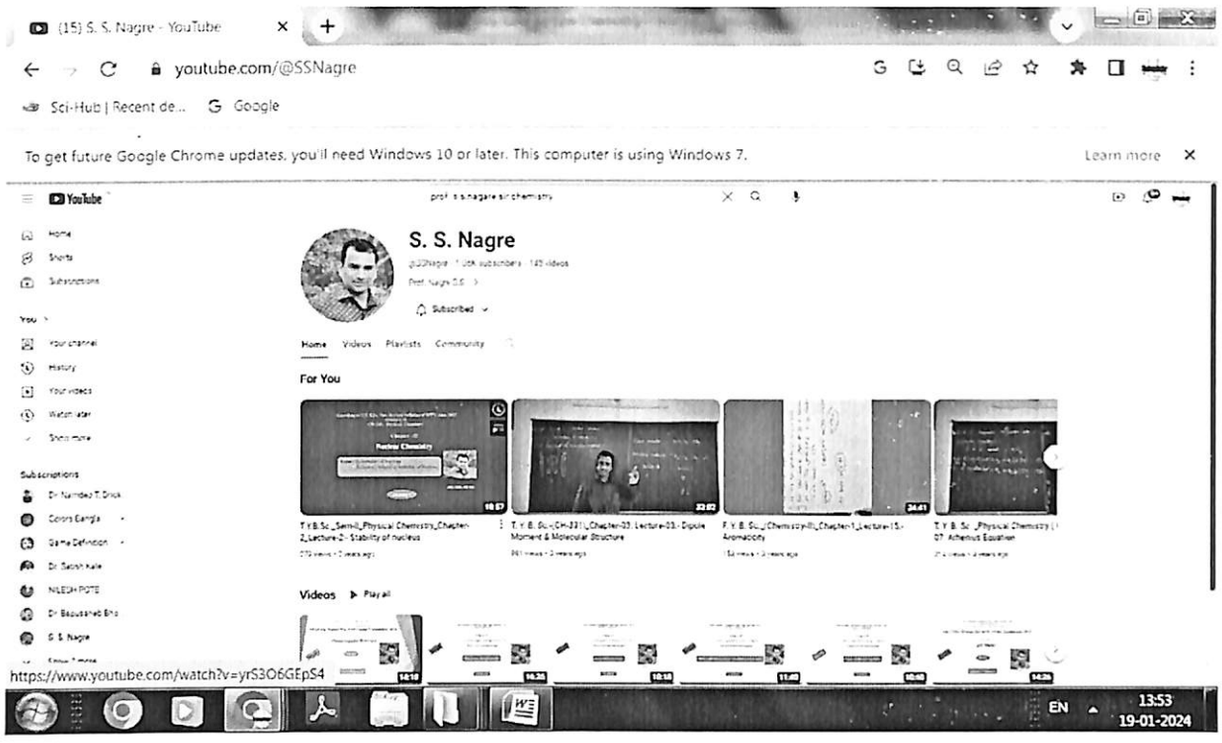
Sr. No	E-Content Details	Link of E-content
1	Aliphatic Hydrocarbons (F. Y. B. Sc.)	https://youtu.be/UnfDpYHjWD4
2		https://youtu.be/6nplM2TcMAo
3		https://youtu.be/6vZMs9tDcuU
4		https://youtu.be/jRJ4TCAGLNA
5		https://youtu.be/kieTEsE3M4k
6		https://youtu.be/hGCPtBKBpdw
7		https://youtu.be/j7p3FZUzM-A
8		https://youtu.be/ab-KHMP-O64
9		https://youtu.be/atAWv4bup0Q
10		https://youtu.be/zqAkToZLcPo
11		https://youtu.be/YZpGHWF0PNw
12		https://youtu.be/tdrTCWr98I0
13		https://youtu.be/azdRvKKBLvA
14		https://youtu.be/J8U9zhr6n7s
15		https://youtu.be/TS4WWhZokjs
16		https://youtu.be/ZezDwTC0wsE
17		https://youtu.be/5Gq2TVkbTT0
18		https://youtu.be/cYp73-TgMIo
19		https://youtu.be/VOP8pXBEobE
20	Fundamentals of Organic Chemistry (F. Y. B. Sc.)	https://youtu.be/_Q4imI-kL9E
21		https://youtu.be/u0BhXdsF7Tk
22		https://youtu.be/aiE0_wO1YGw
23		https://youtu.be/LIxxl5JprDQ
24		https://youtu.be/i3vRBvegEbo

25		https://youtu.be/zeegzw9ViZU
26		https://youtu.be/i3vRBvegEbo
27		https://youtu.be/Ywc3ImP6MC0
28		https://youtu.be/5Kt_tzbMV_4
29		https://youtu.be/2edZjSUtNPE
30		https://youtu.be/xP1dsOwp36s
31		https://youtu.be/kTPkQg5am0k
32		https://youtu.be/F8DPzqHG2Zk
33		https://youtu.be/4B8vaSORYY0
34		https://youtu.be/62nc-NIaXbs
35		https://youtu.be/MpO8Kbp1Q6k
36	Stereochemistry (F. Y. B. Sc.)	https://youtu.be/q9r-7O9bSZI
37		https://youtu.be/833VPnna22Q
38		https://youtu.be/awlLnDjLq5E
39		https://youtu.be/MIshLm799eU
40		https://youtu.be/MysBTjh4DWA
41		https://youtu.be/Sdf5tNj1JRo
42		https://youtu.be/uNS-28mQ1Zw
43		https://youtu.be/I9sknAMSqFY
44		https://youtu.be/quyjXxaThNU
45		https://youtu.be/5cDzyEbPFUw
46		https://youtu.be/GBsD_ftnIWQ
47		https://youtu.be/_G071eNeie8
48		https://youtu.be/L9pc7XvAWz4
49		https://youtu.be/9_FAuJb10rA
50	Introduction to Analytical Chemistry (F. Y. B. Sc.)	https://youtu.be/s3kIyD2C6vo
51		https://youtu.be/0BMQnONQDEY
52		https://youtu.be/H7SqavcYqUo
53	Calculations used in Analytical Chemistry (F. Y. B. Sc.)	https://youtu.be/phIJhu411jw
54		https://youtu.be/mT4Quv6T-WQ
55		https://youtu.be/NsiKc6tuj-k

56		https://youtu.be/DHi0wbZ3A4k
57		https://youtu.be/PZyyNK4RGa4
58	PH-meter (F. Y. B. Sc.)	https://youtu.be/8pFGZUiw9p4
59		https://youtu.be/5NYOAQX1QH0
60		https://youtu.be/bgSfrnHJHkM
61		https://youtu.be/t2OwtCxjr7s
62		https://youtu.be/s1sz00BGI7M
63		https://youtu.be/OjVQzp2Noco
64	Chromatographic Techniques (F. Y. B. Sc.)	https://youtu.be/KQvbp_jgAtc
65		https://youtu.be/eDtYm5SW6L8
66		https://youtu.be/gIjFjrCukYA
67		https://youtu.be/sKh799vuClc
68		https://youtu.be/hu9MFgyX_wM
69		https://youtu.be/i_sIbApU0CI
70		https://youtu.be/UYUR-R_s_pM
71	Chemical Kinetics (T. Y. B. Sc.)	https://youtu.be/ZVrdXR5elhY
72		https://youtu.be/s0mCcXOnWS0
73		https://youtu.be/LT5Bu1Zaau0
74		https://youtu.be/0-wGHyH1CW0
75		https://youtu.be/OM-k4aifDrw
76		https://youtu.be/0XFMwyS0zZc
77		https://youtu.be/hb7kokKrJAo
78		https://youtu.be/IDNVa5QWWyQ
79		https://youtu.be/g-OIcx2fUvM
80		https://youtu.be/yH-4IM7giMc
81	Investigation of Molecular Structure (T. Y. B. Sc.)	https://youtu.be/si2Eu9X-euM
82		https://youtu.be/tT1G46nM2Is
83		https://youtu.be/TS4WWhZokjs
84		https://youtu.be/fxuf0HOvs74
85		https://youtu.be/yik5se6B10g
86		https://youtu.be/GjyDOKXGsJM

87		https://youtu.be/xn9_ADuvDBI
88		https://youtu.be/yTFFwSQKaiw
89		https://youtu.be/KnFlnlZC5jg
90		https://youtu.be/RqnBEnDzt7M
91		https://youtu.be/T0NPO2YoE20
92		https://youtu.be/6AHObWhyCEk
93		https://youtu.be/kt-rbK88tq0
94		https://youtu.be/Gt_oG1q1wfg
95		https://youtu.be/8uZXQGD_CoI
96		https://youtu.be/DtJRoD59gYQ
97		https://youtu.be/x1jDB5_qdf8
98		https://youtu.be/lVz63EHaD3w
99	Electrolytic Conductance (T. Y. B. Sc.)	https://youtu.be/xDa37U2ykSA
100		https://youtu.be/YlZCDwGnb2E
101		https://youtu.be/KZyYp7lr8WE
102		https://youtu.be/5htgNtJ-eSg
103		https://youtu.be/civZmfpSWGE
104		https://youtu.be/TNwwC3BU3Hw
105		https://youtu.be/rMjtiQspP9w
106		https://youtu.be/vOIV3ajyXV0
107		https://youtu.be/HW_lCMY-c-o
108		https://youtu.be/Cw47Q6SgnlI
109		https://youtu.be/2QxUt-khjNU
110		https://youtu.be/871iN7LXrRY
111		https://youtu.be/qUfYahsfDLA
112		https://youtu.be/t4aIMLQ5u7k
113		https://youtu.be/gpdF_6-Gtn4
114		https://youtu.be/SProlHpTBmE
115	Phase Rule (T. Y. B. Sc.)	https://youtu.be/OxJh-bELCCk
116		https://youtu.be/DFkHKsssghE
117		https://youtu.be/WvQd6xrVmVY
118		https://youtu.be/VRn5Vpzvg8U

119		https://youtu.be/7jW-6Db12I8
120		https://youtu.be/gEFJvoQyaZc
121		https://youtu.be/fG_r_fT6SrA
122	MCQ Question Bank (T. Y. B. Sc.)	https://youtu.be/XVT3iDVGTA8
123		https://youtu.be/88gdMUR9uME
124		https://youtu.be/hWD8rraRkPs
125		https://youtu.be/oWk8AIEGhTs
126		https://youtu.be/cc8c9SvYTR8
127		https://youtu.be/RZc-GUsaFmo
128		https://youtu.be/0yGGsBROpC0
129	Electrochemical Cells (T. Y. B. Sc.)	https://youtu.be/c9wSuVnnjQg
130		https://youtu.be/kTUBsiTSqvM
131		https://youtu.be/_hzxZyMJtA4
132		https://youtu.be/4kJQiGUVWYQ
133		https://youtu.be/kGByQnhPxI0
134		https://youtu.be/4L8Z-AHpSxc
135		https://youtu.be/zE-p_N8ZI0w
136	Nuclear Chemistry (T. Y. B. Sc.)	https://youtu.be/SdvWuyYkqe4
137		https://youtu.be/LzYU5a6hFxU
138		https://youtu.be/yrS3O6GEpS4
139		https://youtu.be/e9oNKcaK0Go
140		https://youtu.be/cMsGSYMrioE
141	Crystal Structure(T. Y. B. Sc.)	https://youtu.be/Pmf46VFosPU
142		https://youtu.be/FvLEoaRtkOc
143		https://youtu.be/3EtdVf5C2XQ
144	MCQ Question Bank (F. Y. B. Sc.)	https://youtu.be/_y0NR784Vxs
145		https://youtu.be/HYvjHyJUEig
146		https://youtu.be/5ONxSF2W_F0
147		https://youtu.be/jCdxxk06RGo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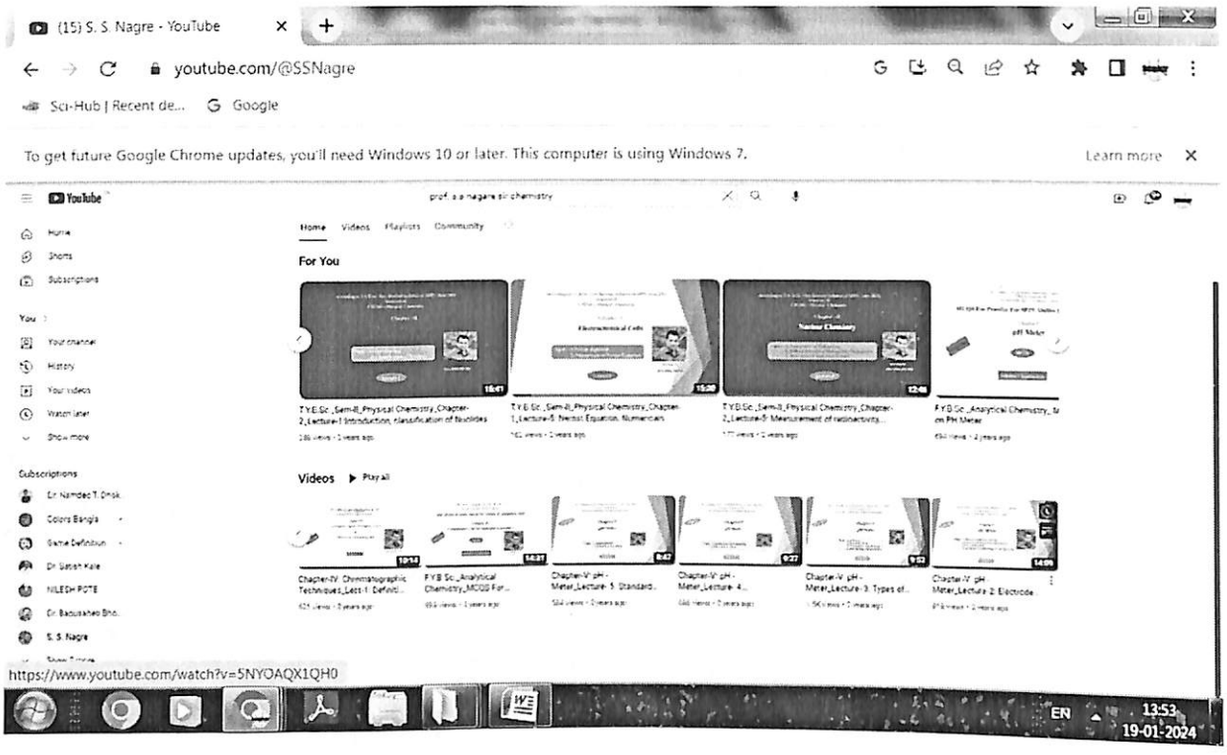
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EN
13:53
19-01-2024

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

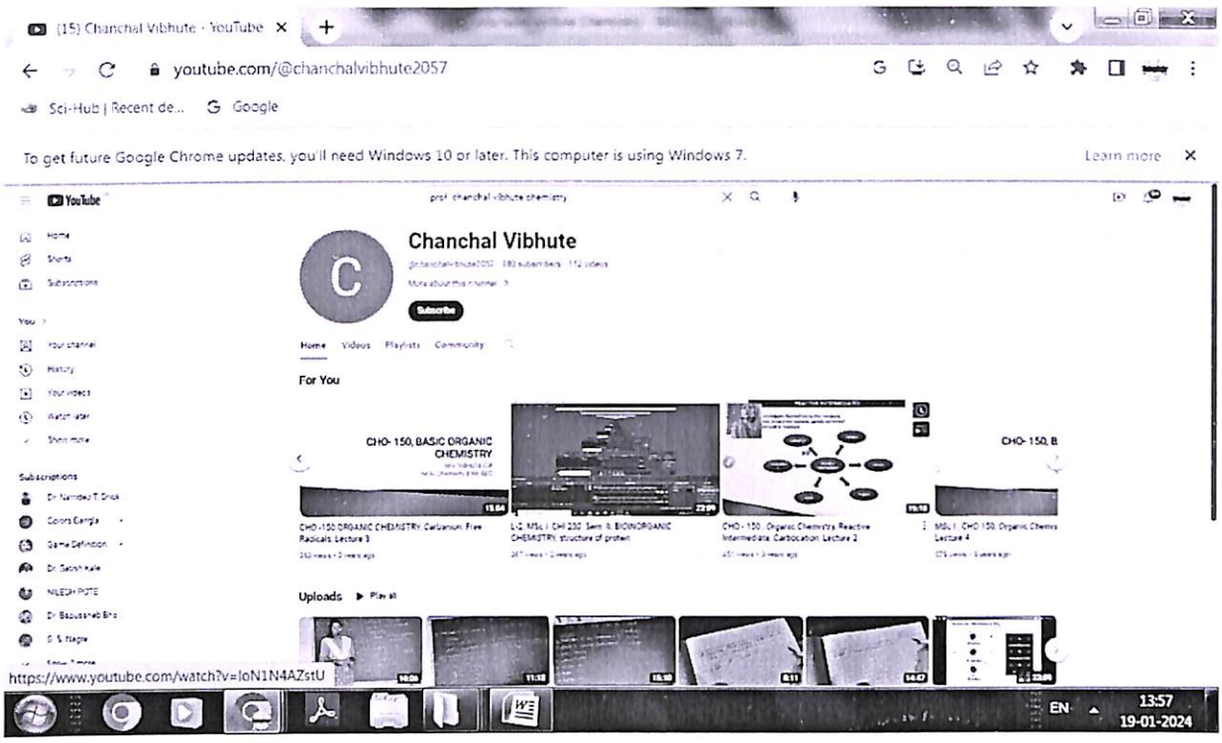
E- Content Development Details

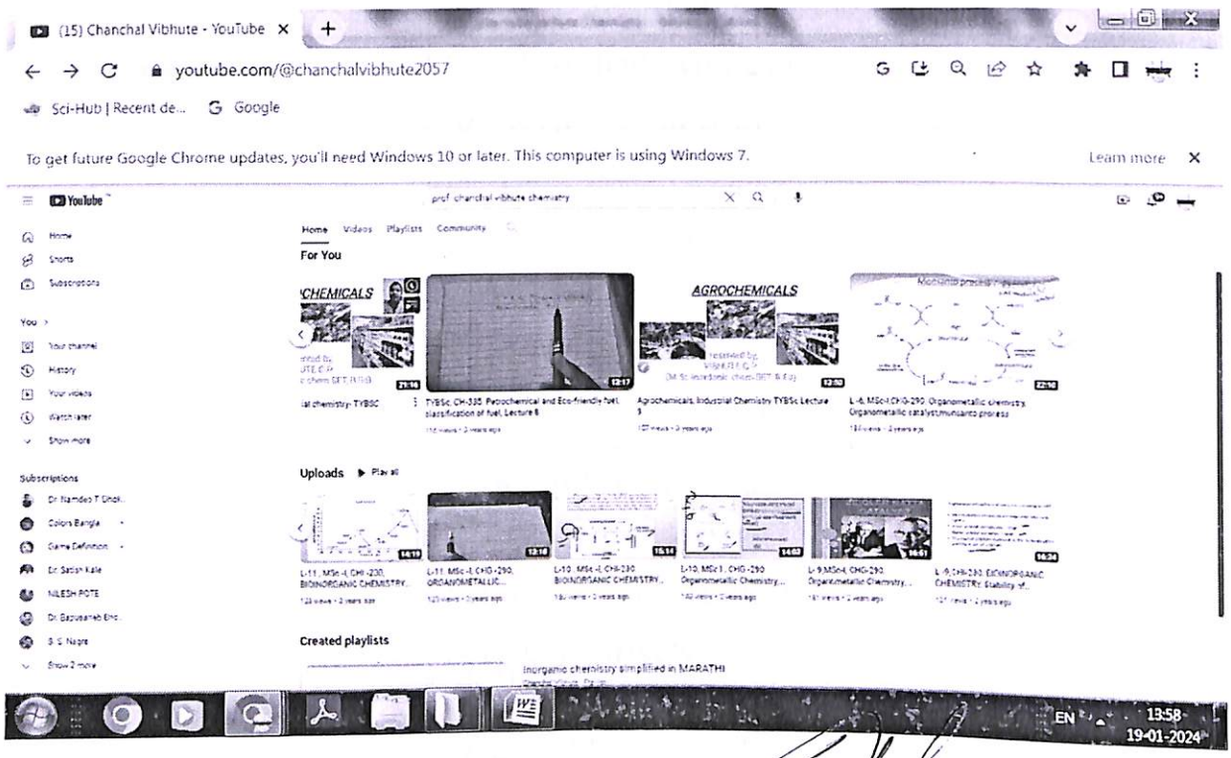
Year: 2020-2021

Name of the Teacher: Mrs. C. P. Vibhute

Name of the Department: Chemistry

Sr. No	E-Content Details	Link of E-content
1	Reduction (M. Sc.-I)	https://youtu.be/AAh7su95NEQ
2		https://youtu.be/ZCWxkJaLTKI
3	Oxidation (M. Sc.-I)	https://youtu.be/BvRfDLbQhTk
4		https://youtu.be/xk6aewbxLDo
5		https://youtu.be/RcocIMLpIVk
6		https://youtu.be/1-8QxYDJoxQ
7		https://youtu.be/8L9Zo1hnwmo
8	Main Group Elements (M. Sc.-I)	https://youtu.be/2041Tj1PuZo
9		https://youtu.be/QMoiBndTJZ4
10		https://youtu.be/8L9Zo1hnwmo
11	Bioinorganic (M. Sc.-I)	https://youtu.be/ERTFTE9vWQw
12		https://youtu.be/dv2NHsLArtg
13		https://youtu.be/OJgPlTXVzSk
14		https://youtu.be/OJgPlTXVzSk
15		https://youtu.be/XoCbaY6CFP4
16		https://youtu.be/BB8_4VMLUK4
17		https://youtu.be/FyHyj_3wIvs
18		https://youtu.be/g_TtWEewZ-g
19		https://youtu.be/05Juw-vQ8Us
20	Organometallic (M. Sc.-I)	https://youtu.be/eSW6XdnZRFg
21		https://youtu.be/HkLT0381Ncc
22		https://youtu.be/QU6c_bKOdVo
23		https://youtu.be/RKKe9DF3M9M
24		https://youtu.be/w3zzpLpdoZ4
25		https://youtu.be/IGlo_Ngl0Io
26		https://youtu.be/YZTPTdten3U
27	Physical Chemistry M. Sc.-I)	https://youtu.be/qsXig9ZNbfw
28		https://youtu.be/ff7iN0cmpCw
29		https://youtu.be/gudvViejRQw





Head of the Department

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

List of PPTs

T. Y. B. Sc Chemistry (2019 Pattern) [2020-21]

Name of Teacher	Name of Topic
Dr. Dalvi N.R.	Valence bond theory
	Molecular orbital theory
	Ionic solid
	Homogeneous Catalysis
Dr. Dhokale N.T.	Gravimetric Analysis
	Solvent Extraction
	HPLC
	Gas Chromatography
	AAS,FES
	Spectrophotometry
	Thermal Method of analysis
	Polorography
Dr. S.G.Konda	Polymer chemistry
	Soap and detergents
	Sugar Industry
	Cement Industry
	IPR
Prof. Vibhute C.P.	
	Petrochemical and Ecofriendly Fuel
	Agrochemicals

	Food and Starch Industry
Prof. Ghuge R.M.	Strength of Organic acids and bases
Prof. Nagre S.S.	Chemical Kinetics

S.Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	**Name of Topic**
Dr. N.R.Dalvi	Isomerism in coordination complexes
	Crystal field theory
	Molecular orbital theory
Dr.Dhokale N.T.	Error in quantitative analysis
	Volumetric Analysis
	Conductometry
	Colorimetry
	Column Chromatography
Dr. S.G.Konda	Chemical Kinetics
	Phase Equilibrium
	Surface Chemistry
	Solution of Liquid in Liquid

F. Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	**Name of Topic**
Dr. S.G.Konda	Stereochemistry
	Chemical energetic

	Chemical equilibrium
	Ionic equilibrium
	Atomic Structure
Mr. S. S. Nagre	Chemistry of Hydrocabon
Dr.Dhokale N.T.	Analysis of Organic Compounds

M. Sc. II Organic Chemistry

Name of Teacher	**Name of Topic**
Ghuge R. M.	Coupling Reaction
	Biogenesis

M. Sc. I Organic Chemistry

Name of Teacher	**Name of Topic**
Nikam V. U.	Introduction to Solid State
	Bonding in Solids
	Superconductivity
	Research Methodology
Vibhute C. P.	Organometallic Chemistry
	Bio-inorganic Chemistry
	p – block element
Ghuge R. M.	Heterocyclic chemistry
	Spectroscopy

HOD
Department of Chemistry
Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science College,

Mohanirajnagar, Kopargaon-423601, Dist-Ahmednagar

Student Centric Activity

Department: **Chemistry** Academic Year: **2019-2020**

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	Practical (UG +PG)	Yes	
		Projects (PG)		
		Dissertation (PG)		
		On job training		
		Study Tour		
		Guest Lecture		
2.	Participative Learning	Quiz		
		Student Seminar		
		STC		
		Scientific model		
		Workshop	28/02/2020	
		Field Visit		
		Avishkar		
3.	Problem Solving Methods	Assignments	Yes	
		Tutorials		
		Open book test		
4.	ICT Based Teaching Methods	YouTube Lecture	Yes	
		Software Used		
		List of PPTs	Yes	
		Virtual Lab		

Principal
K J. Somaiya College of Arts
Commerce & Science, Kopargaon

K.J.Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

HEAD
Department of Chemistry

Dr Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

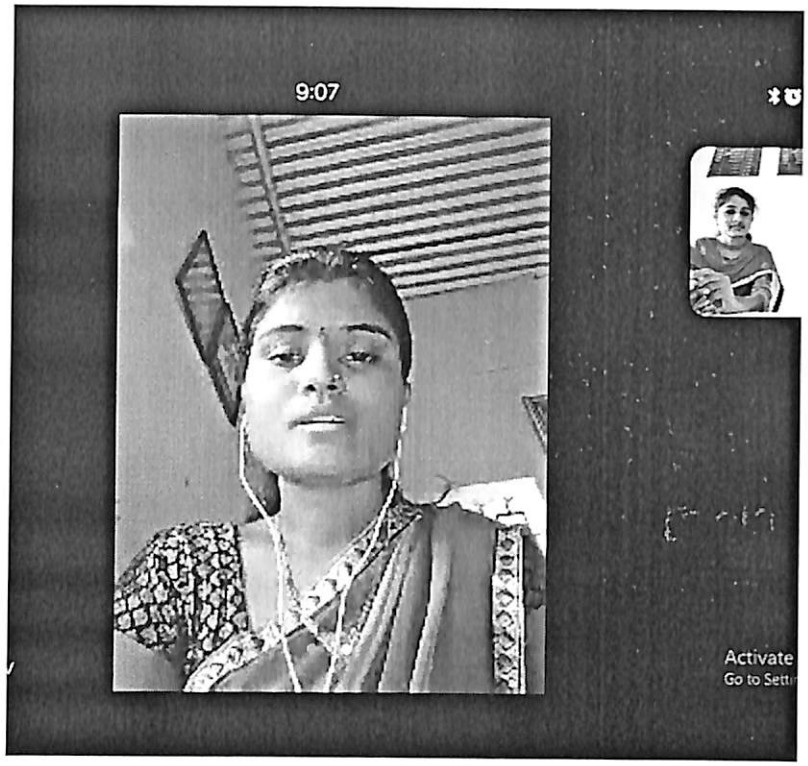
Practical Based Learning [2019-2020]

The Department of Chemistry, K. J. Somaiya College, Kopargaon conducts regular practicals as per the syllabus prescribed by the university. At the end of semester/year practical examination was carried out as per the university guidelines. This academic year practical exams are conducted though online Zoom/Google tests and oral

HOD

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon



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F.Y.B.Sc Chemistry (CH-103 & CH-203)
Practical Exam-2021

K. J. Somaiya College, Kopargaon-423601
(Objective Questions- Each Question Carry 2 Marks)

* Indicates required question

Email *

Enter Your Seat No. *

Multiple Choice Questios

Acetic acid is..

- Strong electrolyte
- Weak electrolyte
- Non electrolyte

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Hereby, informed that, Department of Chemistry is organizing one day workshop on IPR on 28/02/2020 at Conference Hall. All the students are requested to present in conference hall on scheduled date.

HOD

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com

NAAC ACCREDITED 'A' GRADE | AN ISO 9001:2015 CERTIFIED INSTITUTE

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : 34/69e (A)/2019-20 Date : 07/09/2020

To,
Dr Amol H. Kategaonkar,
Department of Chemistry,
MVP Samaj's KSKW Arts, Science and Commerce College,
CIDCO, Nashik-422008

Subject: **Invitation as a resource person for one day Workshop....**

Respected Sir,

Its our immense pleasure to inform you that, Department of Chemistry, K. J. Somaiya College of Arts, Commerce and Science, Kopargaon organizing one day workshop on **"Research Ethics and Intellectual Property Rights (IPR)"** on 28th February 2020. We have great pleasure to invite you as resource person of this workshop. Please accept the invitation for the same and guide our participants.

Thanking you sir.

Yours Sincerely

Dr. B. S. Yadav
Principal
K.J.Somaiya College of Arts Commerce & Science,Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

One day Workshop on

"Research Ethics and Intellectual Property Rights"

Venue: **Conference Hall** (Science Building)

PROGRAMME SCHEDULE

9.00 am to 10:00 am	**Registration and Breakfast**	
10:30 am to 11:30am	Inaugural Function	By the auspicious hands of **Chief Guest**
11:30 am to 12:00 pm	Key Note Speak	**Dr. B. S. Yadav,** Principal, K. J. Somaiya College
12:00 pm to 01:30 pm	Invited Talk	**Dr. A. H. Kategaonkar**
01:30 pm to 02:30 pm	**Lunch Break**	
02:30 pm to 03:00 pm	Interaction and Feedback	
03:00 pm to 04:00 pm	Valedictory	

Kopargaon Taluka Education Society's

K. J. Somaiya College, Kopargaon

One Day Workshop on

'Research Ethics and Intellectual Property Rights"

Date: 28th February 2020

Organized by Department of Chemistry

Sr. No	Name of the Participants	Sign
1	Shinde. Sarati Bhagwat	Shinde.S.B.
2.	Pangavhane Sayali Sarjerao	Sayali
3.	Nehere Bhakti Bharat.	Bhakti N
4.	Pangavhane Gayatri Bhausaheb	Gayatri
5.	Pachore Dnyaneshwari Annasaheb	
6.	Hon Shivani Nilesh	Shivani.
7.	Lohakare Kalyani Rajaram	Kalyani
8.	Gujar Vaibhavi Sanjay	G. Vaibhavi.S
9.	Pawar Shubhangi Anil	Pawar.
10.	Deokar Sushama Rajendra	Deokar
11.	Kurkute Sayali Dattatray	Kurkute.
12	Kekan Shital Rajendra	Shital.
13	Tamboli Saniya Riyaj	S.R.Tamboli
14	Sanap Tejaswini Vilas	Tejaswini
15.	Bhujade Renuka Sanjay	Renuka.
16.	Ranshur Shraddha Ashok	Shraddha.
17	chavandake Girija Santosh	Girija.
18	Jadhav Manisha Gorakh	Jadhav
19.	Sarode Jayshri Changdev	Jayshri S
20.	Kale Vaishnavi Rajendra	Kale.v.
21.	Avhad Rutuja Yogesh.	Rutuja.
22.	Ganbote Shraddha Nitin	Ganbote
23	Jamdhade Ankita Kailas	Ankita.
24	Inamke Lina Kishor	Lina.
25	Gutal Nikita Gokul	Nikita.G
26	Kolse Pooja Sunil	Pjkale

1	Jadhav Baliram YUVRAJ	
2	Rahane Aniket Navnath	
3	Bingar Pradyumna Bhausaheb	
4.	Divate Tejas Ramsaheb	
5.	Jadhav Sainath Sanjeevan	
6.	Fulare Rahul Gotiram	
7.	Gursal Akshay Kalyan.	
8.	Dawange Abhishek Vinayak.	
9.	Autade Rutik Bhausaheb.	
10.	Autade Sanket Ashok	
11	Gavhane Sanket Sharad	
12	Chavale Shivam Rajesh	
13	Shaikh Arbaj Anis	
14	SHINDE SUHAS BALASAHEB	
15	Waghchaure Prathamesh Navnath	
16	Wagh Pranay Balasaheb	
17	Sapkal Kalpesh rajendra	
18	Ghare Akash Nanasaheb	
19	Tengale Hrushikesh Babasaheb	
20	Pawar Ganesh Karna	
21	Hon Mahesh Shantilal	
22	Pardeshi Nilesh Sanjay	
23	Rahane chandrakant kailas	
24	Shelke Abhishek Ravindra	
25	Barge Hrushikesh sanjay	
26	Kadam Tushar Maruti	
27	Shaikh Nadim Jakir	
28	Gawali Ashirwad somnath	
29	Dhat chakradhar Biman	
30	Aher vaibhav kacheshwar.	

Report of One Day Workshop on

'Research Ethics and Intellectual Property Rights"

Date: 28th February 2020

Organized by Department of Chemistry,

K. J. Somaiya College, Kopargaon



The workshop was inaugurated by the auspicious hands of chief guest and speaker Dr. A. H. Kategaonkar Sir, Department of Chemistry, MVP Samaj's KSKW Arts, Science and Commerce College. The preface of the workshop was proposed by Dr S. B. Kale, Head and Department of Chemistry of this college. The keynote speak was given by our college Principal Dr. B. S. Yadav Sir. After the inaugural session, the invited speaker Dr. A. H. Kategaonkar has started his lecture on Research Ideas, Ethics and Intellectual Property Rights. Initially, he has guided for students on how to establish a research career in research institutes.



He has argued his lecture on research methodology. He has elaborated types of research papers, impact factors, citation index. Further, he has extended the lecture on Intellectual Property Rights and copy right information. He has promoted to the students for enter into the research and should go for the patent a research ideas. After completion of this session, all the participants were gone to lunch break. After the lunch break there was interaction session and exposure of feedback. Finally programme was concluded with valedictory function. For this workshop all the faculty members were present.

K.J. Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

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Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (Ex. M.L.A.)

Ref. No. : ३५ / ७७०(A) / २०१९-२० . Date : ०२ / ०३/२०२० .

Letter of Appreciation

To,

Dr Amol H. Kategaonkar,
Department of Chemistry,
MVP Samaj's KSKW Arts, Science and Commerce College,
CIDCO, Nashik-422008

Dear Sir,

We are very much thankful to you for accepting and delivering an invited talk in one day workshop on '**Research Ethics and Intellectual Property Rights**" held on 28th February 2020 organized by Department of Chemistry of this college.

We sincerely appreciate your efforts taken and sharing your knowledge to the participants. We look for further cooperation in future also.

Once again thank you very much.

Yours Sincerely,

(Dr. B. S. Yadav)
Principal

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

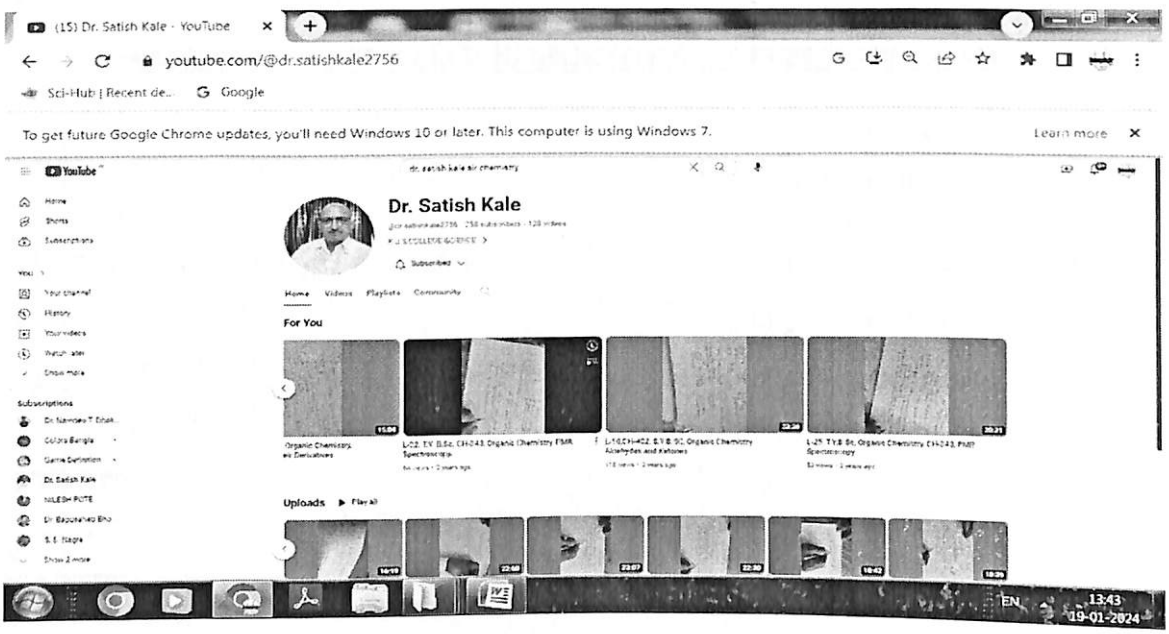
E- Content Development Details

Year: 2019-2020

Name of the Teacher: Dr. S. B. Kale

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- contents
	YouTube Channel Link	https://youtube.com/@dr.satishkale2756
1	T. Y. B. Sc (CH-507)	https://youtu.be/1fiA4av9OjY
2		https://youtu.be/SSJrAa22sGs
3		https://youtu.be/WNLGFEHuDZ0
4		https://youtu.be/XgbzzLSTQxc
5		https://youtu.be/MM_zUhxzOfU
6		https://youtu.be/g0gmlvof8yU
12	S. Y. B. Sc(CH-402)	https://youtu.be/VvJdHSTLkEI
13		https://youtu.be/m5ZnytGTOnQ
14		https://youtu.be/qFeD-hImwV8
15		https://youtu.be/qwpjX54UfEg
16		https://youtu.be/JSK2aiw4St0



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

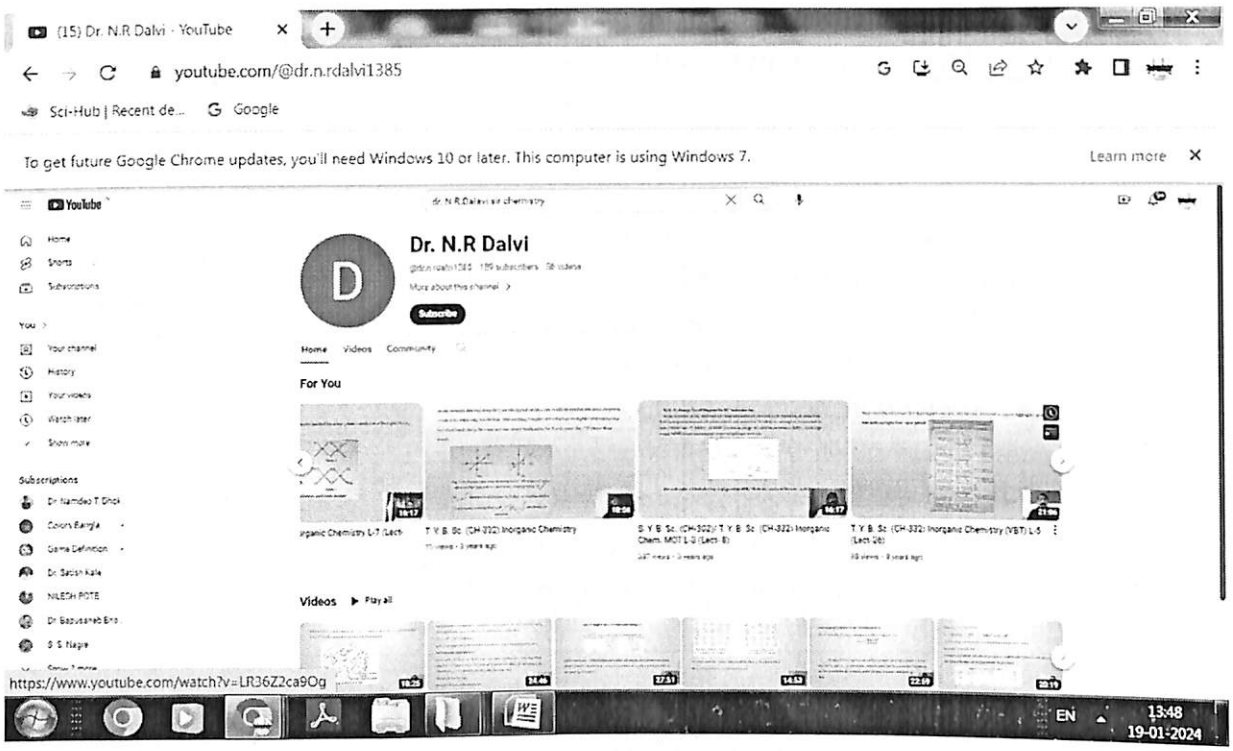
Year: 2019-2020

Name of the Teacher: Dr. N. R. Dalvi

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- contents
1	MOT (T. Y. B. Sc.)	https://youtu.be/M5hjErmzeqc
2		https://youtu.be/KR1PcQxv_I0
3		https://youtu.be/1-nHlw-4nnU
4		https://youtu.be/EXa9aEGBqgI
5		https://youtu.be/Xx2sJfXtaeg
6	Metals, Semiconductors (T. Y. B. Sc.)	https://youtu.be/i7WnCtvZ18g
7		https://youtu.be/EuUY92VI9o8
8		https://youtu.be/vithgpFYcm0
9		https://youtu.be/qAyc52CVeDs
10		https://youtu.be/WaP1oY2tD_M
11		https://youtu.be/pp9L2sA6CW8
12		https://youtu.be/0eihFcohqjk
13		https://youtu.be/5eCOnmqHVoU
14		https://youtu.be/3aBnt4mC12s
32	Bio-inorganic Chemistry (T. Y. B. Sc.)	https://youtu.be/crUe_xZHOI0
33		https://youtu.be/Xlt1HRUxTU8
34		https://youtu.be/T-Gccv53S5I
35		https://youtu.be/8Roxv2wP2qg
36		https://youtu.be/v0z3LL6ymHc
37	MOT (S. Y. B. Sc.)	http s://youtu.be/hY_gOV549yY
38		https://youtu.be/toFstLgH2bg
39		https://youtu.be/SpjrV-Fy2bQ
40		https://youtu.be/3aBnt4mC12s
41		https://youtu.be/MYj4Zbu4w1U
42		https://youtu.be/AMygNEbsRgE
43		https://youtu.be/dUcfzOcqzBM
44		https://youtu.be/HOdijAkexao
45		https://youtu.be/f1H_Za_K2Yw
16		https://youtu.be/C6EVjhqp42
47		https://youtu.be/1rtgBeIUyrs

48		https://youtu.be/se-KVkv2JN4
49		https://youtu.be/E_ka38tIrBc
71	F. Y. B. Sc.	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3738
72		http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/3740



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

E- Content Development Details

Year: 2019-2020

Name of the Teacher: Dr.N. T. Dhokale

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- content
1	HPLC (T. Y. B. Sc.)	https://www.youtube.com/watch?v=s5qvsrEqANM
2		https://www.youtube.com/watch?v=DTBqFL-g8g8
		https://www.youtube.com/watch?v=QolwUDpsDhA
3		https://www.youtube.com/watch?v=R1tsilgls9g&t=368s
4		https://www.youtube.com/watch?v=JhEsmJWyCx4
5		https://www.youtube.com/watch?v=JrBR2NsBYGg&t=311s
6		https://www.youtube.com/watch?v=BpxIie6ApiY
7		https://www.youtube.com/watch?v=DDMFk8PHmpE&t=83s
8	Solvent Extraction (T. Y. B. Sc.)	https://www.youtube.com/watch?v=WsMKrQtGqRg
9		https://www.youtube.com/watch?v=XqJMCziyii8
10		https://www.youtube.com/watch?v=9cSpWJNUEvA&t=7s
11		https://www.youtube.com/watch?v=aX3TTBw4L1s
12		https://www.youtube.com/watch?v=fv9kCPzQBjM
13		https://www.youtube.com/watch?v=vDBKVkZ3QlU
14		https://www.youtube.com/watch?v=Bobzblhcu-w&t=1s
15		https://www.youtube.com/watch?v=CCeTB-EwhMA&t=1s
16		https://www.youtube.com/watch?v=_AKGvOOafhc&t=1s
17		https://www.youtube.com/watch?v=hQzLqXLy6D8
18		https://www.youtube.com/watch?v=RsMKb7aIJsk
93	Volumetric Analysis (S. Y. B. Sc.)	https://youtu.be/oTSUfLk0myo
94		https://youtu.be/oTSUfLk0myo
95		https://youtu.be/LVLQhzl0_kA
96		https://youtu.be/6Ss0NHZ0acQ
97		https://youtu.be/1_UR6lHKkZk
98		https://youtu.be/mcRgK44MLPQ
99		https://youtu.be/aIQuZnogdHI
100		https://youtu.be/fr_ZjAz9gC4
101		https://youtu.be/JqgU8mjx7mM
102		https://youtu.be/tIuLeo1T3Sc
103		https://youtu.be/nlfGk4naazg

104		https://youtu.be/SGe6vDAVwt4
105		https://youtu.be/Id74ZhhtKMg
106		https://youtu.be/4hsWryTZVms
107		https://youtu.be/uWYsV63maos
108		https://youtu.be/Se1SUEGo5GE
109		https://youtu.be/5-RbzDaQYiE
110		https://youtu.be/HPwl40--5qc
111		https://youtu.be/qkwJMcR5Mok
112		https://youtu.be/QwVl2yo9Pc8
113	Column Chromatography (S. Y. B. Sc.)	https://youtu.be/_UVflPoItbg?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
114		https://youtu.be/Muz61rjn-es?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
115		https://youtu.be/PK2zgym9t0U?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
116		https://youtu.be/of2dDLOB8Jg?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
117		https://youtu.be/MENcApPwUdU?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
118		https://youtu.be/KYjha0t-rRk?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
119		https://youtu.be/svVVpjo5yGo?list= PLXVWX64SHkaGdg2rhMfBtokEow4kvMj6w
120	Calorimetry (S. Y. B. sc.)	https://youtu.be/60H3LxF24uY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
121		https://youtu.be/Stx_5C4rWrE
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124		https://youtu.be/phY8nm2CUxY?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
125		https://youtu.be/r9nlaaLNW34?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
126		https://youtu.be/7zqXy25Rstg
127		https://youtu.be/0Dok0E27Y-g
128		https://youtu.be/2xmivegcguA?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
129		https://youtu.be/hrOGIC9L7sk
130		https://youtu.be/58Y_SD538oE?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
131		https://youtu.be/E3qLf4O2l6w?list= PLXVWX64SHkaGJC6828hhndEzklcOhy6c8
132	Conductometry (S. Y. B. Sc.)	https://youtu.be/dgyMeG0w6FI?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
133		https://youtu.be/1aEMpSobyeM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4

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136		https://youtu.be/u0c7RcftlAI?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
137		https://youtu.be/X6_2yUJKhEM?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
138		https://youtu.be/GMV1R4DoKAA?list= PLXVWX64SHkaF5qfNeGLp7jvjPJ_f5PIC4
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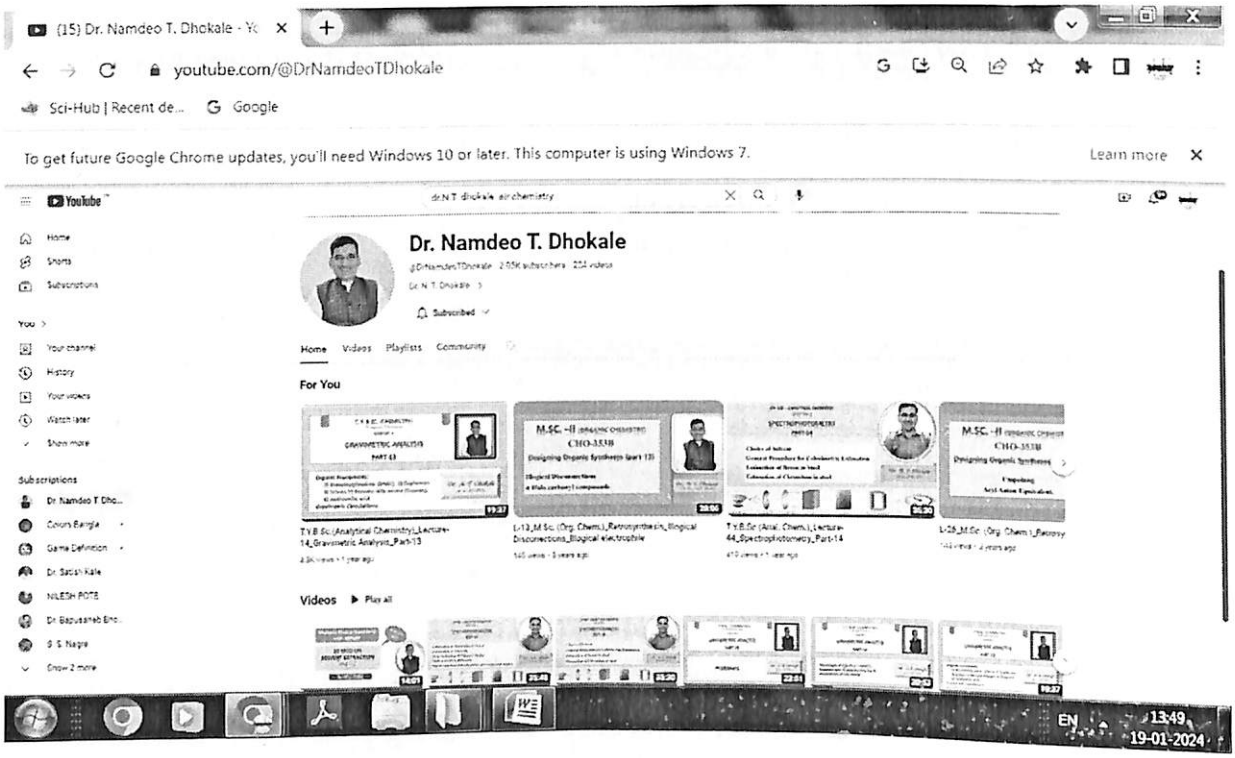


Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

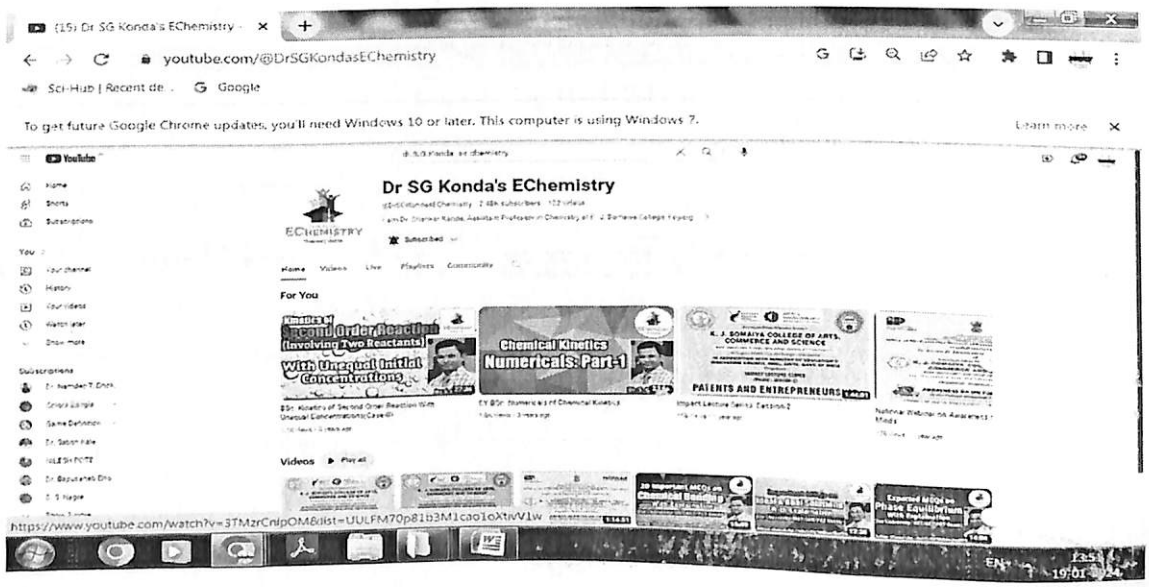
E- Content Development Details

Year: 2019-2020

Name of the Teacher: Dr. S. G. Konda

Name of the Department: Chemistry

Sr. No.	E- Content Details	Link of E- content
	YouTube Channel Link	https://youtube.com/@DrSGKondasEChemistry
1	Polymer Chemistry (T. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/2116
2		https://youtu.be/keNqVixKgAw
3		https://youtu.be/Jf_LX0MbSdQ
4		https://youtu.be/_-g9eZB6zfQ
5		https://youtu.be/N9SHKZEsUo8
6		https://youtu.be/M1qBSeX_C_4
7		https://youtu.be/kyrsaUObZR4
8		https://youtu.be/EG_CHU1EW2s
26	Sugar Industry (T. Y. B. Sc.)	https://youtu.be/SdQ6AQR4ZBs
27		https://youtu.be/2QmWoOkEyvg
28		https://youtu.be/WvIuDQqkrVA
29		https://youtu.be/hhJdG11HBpg
30	Cement Industry (T. Y. B. Sc.)	https://youtu.be/-RweYv076TY
31		https://youtu.be/Ei1hEIvxG2Q
32		https://youtu.be/te5D7Cnw0ao
33		https://youtu.be/MxLvUqYZqF0
34		https://youtu.be/2sjlc5ZLOAI
100	Stereochemistry (F. Y. B. Sc.)	http://econtent.unipune.ac.in:8080/xmlui/handle/123456789/2148



Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

List of PPTs (2019-2020)

T. Y. B. Sc Chemistry

Name of Teacher	Name of Topic
Dr. Dhokale N.T.	Gravimetric Analysis
	Solvent Extraction
	HPLC
	Gas Chromatography
	AAS,FES
	Spectrophotometry
	Thermal Method of analysis
	Polorography
Dr. S.G.Konda	Polymer chemistry
	Soap and detergents
	Sugar Industry
	Cement Industry
	IPR
Prof. Vibhute C.P.	
	Petrochemical and Ecofriendly Fuel
	Agrochemicals
	Food and Starch Industry

S.Y. B. Sc Chemistry (Name of Teacher	Name of Topic
Dr.Dhokale N.T.	Error in quantitative analysis
	Volumetric Analysis
	Conductometry
	Colorimetry
	Column Chromatography
Dr. S.G.Konda	Chemical Kinetics
	Phase Equilibrium

F. Y. B. Sc Chemistry (2019 Pattern)

Name of Teacher	Name of Topic
Dr. S.G.Konda	Stereochemistry
Mr. S. S. Nagre	Chemistry of Hydrocabon

HOD
Department of Chemistry
Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science College,

Mohanirajnagar, Kopargaon-423601, Dist-Ahmednagar

Student Centric Activity

Department: **Chemistry** Academic Year: **2018-2019**

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Students
1.	Experiential Learning	Practical (UG +PG)	Yes	
		Projects (PG)		
		Dissertation (PG)		
		On job training		
		Study Tour	Yes	
		Guest Lecture		
2.	Participative Learning	Quiz	Yes	
		Student Seminar		
		STC		
		Scientific model		
		Workshop		
		Field Visit		
		Avishkar		
3.	Problem Solving Methods	Assignments	Yes	
		Tutorials		
		Open book test		
4.	ICT Based Teaching Methods	YouTube Lecture		
		Software Used		
		List of PPTs		
		Virtual Lab	26/12/2019	

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

K.J. Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

HEAD
Department of Chemistry

Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College,

Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Practical Based Learning

The Department of Chemistry, K. J. Somaiya College, Kopargaon conducts regular practicals as per the syllabus prescribed by the university. At the end of semester/year practical examination was carried out as per the university guidelines. Index and certificates of the various journals are given below.

HOD

Department of Chemistry

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

KOPARGAON TALUKA EDUCATION SOCIETY'S

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423 601, Dist. Ahmednagar.

DEPARTMENT OF CHEMISTRY

Certificate

Roll No. 14 Class S.Y B.Sc Exam Seat No. 38985

This is to certify that

Mr./Miss Somwanshi Tanuja Dadasaheb

has performed all the experiments during the year 2021 / 2022

as per requirements of Savitribai Phule Pune University, Pune.

Examined

External Examiner

Internal Examiner

Head of the Department

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
1	To determine the cell constant of a cell using 0.01 N KCl Sol^n and hence determine the dissociation constant of a given monoxylic weak acid.	7-3-2022	C
2	To synthesize tris(ethylendiamine) nickel (II) $[Ni(en)_3]S_2SO_4$ from Ni (II) salt, ethylediamine & Sodium thiosulphate & to comment on colour & magnetic properties of the complex	14-3-2022	C
3	To synthesize tris (acetyl acetone) iron (II) $[Fe(acac)_3]$ by a green chemistry method by reaction bet^n $Fe(OH)_3$ & acetyl acetone & to comment on colour & magnetic properties of the complex.	21-3-2022	C
4	To study the variation of mutual solubility temp. with concen. for the phenol water system & determine the critical solubility temp.	4-4-2022	C
5	To determine the molecular weight of organic acid by titration against standardized NaOH (monobasic or dibasic acid)	11-4-2022	C

❖ CONTENTS ❖

Sr.No.	Title of the Experiments	Date	Remark
6	To determine the amount of acetamide in the given solution by volumetric method.	11-4-2022	C
7	To verify the freandlich & langmuir adsorption isothermus for adsorption acetic acid on activated charcoal.	18-4-2022	C

Completed. 7/8

Kopargaon Taluka Education Society's

K.J.Somaiya Arts, Commerce and Science College,

Mohanirajnagar, Kopargaon, Dist-Ahmednagar

Department of Chemistry

Study Tour/Industry Visit

K. J. Somaiya College of Arts, Commerce & Science, Kopargaon conducts different activities for the educational growth of students. The Department of Chemistry of the college organized an industrial visit to Sanjivani Sahakari Sakhar Karkhana, Kopargaon on 07/02/2019. This visit was successfully completed by fifty-nine students. In this visit the students were visited the different units of the Sugar and Fermentation industry.

Head
(Department of Chemistry)

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanrajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)
Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/070(1964)
☎ : 9146142000, 9146152000 **Email ID :** kjscollege@rediffmail.com, **Website :** kjscollege.com

NAAC ACCREDITED 'A' GRADE AN ISO 9001-2015 CERTIFIED INSTITUTE
SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc.,Ph.D.) Founder President : Late K. B. Rohamare (B.A., M.L.A.)

Ref. No. : 2018-19/ chem/1 Date : 30/01/2019

To,
The General Manager,
Sanjivani Sahakari Sakhar Karkhana,
Sahajanandnagar, Kopargaon

Subject: Regarding the permission for one day Industrial visit of T. Y. B. Sc (Chemistry) students.

Respected Sir,

With reference to the cited above subject, as per the Savitribai Phule Pune University, Pune syllabus of Chemistry has included industrial visit in their curriculum. From our college all T. Y. B.Sc.(Chemistry) students are interested to visit your reputed industrial campus on **07th February 2019.** So please allow us to visit Sugar, Fermentation and Chemical plant.

We are requesting you to kindly sanction the permission for one day industrial visit.
Thanking you sir.

Dr. S. B. Kale
Dr. Satish B. Kale
HOD, Chemistry
Department of Chemistry
K. J. Somaiya College, Kopargaon

Dr. B. S. Yadav
Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon

O/C

BASIC FACTORY SAFETY GIUDELINES

Here by informed that, the following instructions (guidelines) are **mandatory** while visiting in the factory laboratory.

- ✓ No horse playing
- ✓ No inflammable material is permitted inside the factory.
- ✓ Wear clean and neat apron
- ✓ Wear shoes for leg foot protection
- ✓ Wear goggle for eye protection
- ✓ Wear hand glows for hand protection
- ✓ No loose dresses for girls
- ✓ Tea & food not provided by the factory
- ✓ Mobiles & cameras are not allowed
- ✓ If you happen to hear any emergency siren please rush to the nearest Emergency Assembly Points against wind direction
- ✓ Do not touch/ go close to any material/machinery which is not related to you.
- ✓ Safety norms of the factory must be maintained
- ✓ Carry minimum luggage.

The following students are interested and attended the industrial visit

Roll No	Name of the student	Contact No	Sign	Sign on 07/02/19
1	Kharde Mayuri Balasaheb	9[illegible]1(	Kharde	Kharde
2	Gangave Jayesh Ramesh	8[illegible]5	Jgave	
3	Gavhane Yogita Babasaheb	9922260536	Y.Gavhane	Y.B.Gavhane
4	Kasar Shubhangi Shivaji	9595023078	Kasar	Kasar
5	Walunj Shital Raosaheb	9075362358	walunje	walunje
6	Kawade Kanchan Rangnath			
7	Jadhav Priyanka Bajirao	8741993583	P.B.Jadhav	P. B. Jadhav
8	Joshi Shubham Ramesh	8698119319	JOshi S.R	JOshi S R
9	Gaikwad Mayur Bhaskar			
10	Khairnar Vikas Sanjay	7030447377	[illegible]	[illegible]
11	Walture Pravin Gulab			
12	Kotade Suraj Balasaheb			
13	Shinde Nilesh Balasaheb	7387877301	Shinde	Shinde
14	Thorat Poonam Sukhdeo	8888120412	P.S.Thorat	P.S.Thorat
15	Vakte Sapna Dhondiram	9[illegible]8659	Sapna Vakte	Sapna Vakte
16	Pandore Aruna Ramchandra	8605635622	Pandore.A.R	Pandore A R
17	Sapkal Sonal Annasaheb	7020663389	S.S.sapkal	S.S.sapkal
18	Pawar Surekha Sopan			
19	Shinde Sunil Changdeo	9970133628	Sunil Shinde	Sunil Shinde
20	Shinde Mahesh Shesrao	7057125792	Shinde.M.S	Shinde M S
21	Rahane Ganesh Vijay	8308578725	Rahane	Rahane
22	Chaudhari Vrushali R.	9850401097	V.R.Chaudhari	V.R.Chaudhari
23	Narode Arti Sanjay	9604607108	Narode	Narode
24	Nche Asha Valmik	9763744152	Asha	Asha
25	Rahane Vijay Popat	8600886953	Rahane	Rahane
26	Kathe Vrushali Tushar	9767930035	Kathe	Kathe
27	Sagar Nikita Babasaheb	8605822259	Sagar N.B	Sagar N.B
28	Khalkar Priyanka Sampat	9763095260	P.S.Khalkar	P.S.Khalkar
29	Bhujade Sunil Arun	9607237963	Bhujade	Bhujade
30	Kote Paurnima Babasaheb	9637964226	Paurnima	Paurnima
31	Gaikwad Shalini Navnath	9637964226	S.N.Gaikwad	Shalini
32	Vikhe Dhanshri Dipak	9067004603	Vikhe	Vikhe
33	Gorde Priyanka Baban	8390416978	P.B.Gorde	P.B.Gorde
34	Ghare Shraddha Vijay	9637649075	Ghare	Ghare
35	Jadhav Somnath Changdeo	9552398219	Jadhav	Jadhav
36	Wakode Nilesh Bhaskar	9145203870	Wakode	Wakode
37	Garud Kishor Bhagwan	9665256113	Garud	Garud

38	Mishra Prasad Nitin	9657119772	Prasad	Prasad
39	Limbhure Nilam Pandharinath	8668350270	Limbhure	Limbhure
40	Kharde Mayuri Balasaheb	9561991360	M.B.K	M.B.K
41	Singar Ruchita Dnyaneshwar	8379965124		
42	Dawange Snehal Shashikant	8379965134	Snehal	Snehal
43	Divekar Kaveri Eknath	9561997360	Divekar	Divekar
44	Shaikh Husen Ajimbhai	7775927547	H.Ashaikh	H.Ashaikh
45	Bhadange Shashikant Suresh	7775840540	Bhadange	Bhadange
46	Gawali Rushikesh Sandip	7378929111	Gawali	
47	Autade Priti Dattatraya	8806860974	P.C.Autade	P.C Autade
48	Pawar Narendra Hiralal	9730385638	N.Pawar	N.Pawar
49	Jagtap Vrushali Tanaji	9623858173	Jagtap V.T	Jagtap V.T
50	Pachore Vaibhav Bhaskar	8600956300	Pachore	Pachore
51	Somase Narayan Bhujang	8766823998	Somase N.B	Somase N.B
52	Tupake Kailas Sanjay	9673172873	K.Tupake	K.Tupake
53	Chhane Sainath Karbhari	7745841280	Chhane	Chhane
54	Abhale Vaibhav Sanjay			
55	Khilari Komal Rajaram			
56	Kakde Krishna Balasaheb	9881713937		
57	Londhe Pradip Sunil	9130592702	L.Pradip	L.Pradip
58	Dube Pankaj Ramesh	9049398490	Pankaj	Pankaj
59	Pawar Mukesh Bapusaheb	9881353752	M.P	P.B.P
60	Bidwe Pradyumn Rajendra	8600157145	P.R.B	P.R.B
61	Pawar Pramod Suryabhan	7083312851	P.P	P.P
62	Ghare Vishal Daulat	9970789761	V.G	V.G
63	Narode Pravin Machhindra	9881321823	N.P	N.P

Report of Industry Visit/Study Tour Activity (2018-19)

- K. J. Somaiya College of Arts, Commerce & Science, Kopargaon conducts different activities for the educational growth of students. The Department of Chemistry of the college organized an industrial visit to Sanjivani Sahakari Sakhar Karkhana, Kopargaon on 07/02/2019. This visit was successfully completed by fifty-nine students. In this visit the students were visited the different units of the Sugar and Fermentation industry. In the beginning, instructions related to personal safety in the plant and overview of different units of the plants to be given by the supervisor of the industry to the students. After the introductory lecture the students were divided into different groups with one instructor of the plant. The students visited the Extraction of Juice form cane sugar, Purification of Juice of the plant and knew the actual working method in this plant, like how to start a reaction and how to monitor it.
- In this programme the students get the actual knowledge of production of sugar and liquors form sugar and fermentation industry. Different chemicals production, their purification, storage and transport methods were also studied through this visit. The visit was definitely very crucial for the students from their practical knowledge.





K. J. Somaiya College of Arts Commerce & Science Estd. 1964 Kopargaon

Head
Department of Chemistry
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Department of Chemistry

This is to inform all T. Y. B. Sc Organic Chemistry students that, Department of Chemistry has organized ICT Based Lecture on 26/12/2019 in Conference Hall (Room No-S44) at 10:15 AM. All the students are requested to present for the lecture on scheduled date.

Topics for Seminar Presentation (Any one)

1. Soap Industry

2. Detergent Industry

Name of Teacher

Dr. S. G. Gonday





K.J.'s Somaiya College of Arts Commerce & Science
Estd. 1984
Kopargaon

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Mohanirajnagar Kopargaon, Dist-Ahmednagar

Department of Chemistry

Report of ICT Based Lecture

The Department of Chemistry, K. J. Somaiya College, Kopargaon has organized ICT based lecture on 26/12/2019.

- Students from T.Y.B.Sc were participated in one day ICT based lecture conference hall on 26/12/2019. The lecture was based manufacture of soaps and detergents. The action of soaps and mechanism of action detergents was discussed in details.

Head

Department of Chemistry

Dr. Satish B. Kale
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K. J. Somaiya College, Kopargaon