

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College Vidyanagar, Bhosare
 Paranda Road, Vidyanagar Bhosare Tal-Madha Dist-Solapur Pin-413
 208 (Maharashtra)
 E-mail :- knbacck@yahoo.co.in
 (NAAC Third Cycle "A" Grade with 3.10 CGPA)

List of activities conducted by departments for advanced and slow learners

Academic year 2021-22

Sr. No.	Department	Advanced learners activities	Slow learners activities	Page No.
1.	Chemistry	Participation in Science Talent Search Examination 2022	Special lectures	4
		Participation in Online Chemistry Quiz Competition 2022	Unit test	
		Seminar and Poster presentation on Periodic Table- 2021-22	Surprise test	
		Surprise Test	Laboratory skills session	
		Poster presentation		
		Unit test		
		Reference Books From Departmental Library for Advanced Learners		
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		Unit test		
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		Special Guest lecture		
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		Departmental library		
		Personal counselling		
		Special tests		

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)

Department of Chemistry

List of Advanced Learners

Class: B. Sc. I

Academic Year: 2021-2022

Sr. No.	Name of the Students
1.	Miss. Maneri Alfiya Faijuddin
2.	Miss. Karande Sakshi Dhanaji
3.	Miss. Gawali Kajal Ramchandra
4.	Miss. Chavan Divya Vitthal
5.	Miss. Mali Pooja Dnyaneshwar
6.	Mr. Patkulkar Pankaj Chandrakant
7.	Mr. Pawar Vishal Namdev
8.	Miss. Wagh Sanika Mahesh
9.	Miss. Dalwale Asia Nasir
10.	Mr. Yadav Swapnil Hanumant
11.	Mr. Chavan Keshav

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)**

Department of Chemistry

Special program for Advanced Learners

Participation in Science Talent Search Examination 2022

Class – B. Sc. I

Date- 25/01/2022



Participation in Online Chemistry Quiz Competition 2022

Class – B. Sc. I

Date- 28/02/2022



Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)**

Department of Chemistry

Special program for Advanced Learners

Seminar and Poster presentation on Periodic Table- 2021-22

Class – B. Sc. I

Date- 29/12/2021

Activity Name :-Seminar and Poster Presentation

Theme :- Periodic Table



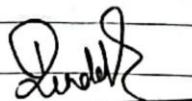
B. Sc. I students presented their poster on periodic elements


Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
 College, Vidyanagar, Bhosare (Kurduwadi)**

Unit Test - 1 Atomic str. & Periodic properties
 B.Sc.-I Surprise Test

Date: 04/12/2021

Roll No.	Student's Name	Sign	Marks out of 15
2273	Gade Radhika Anand	<u>R. Gade</u>	07
2241	Yadav Vaishnavi Pandurang	V.P. Yadav	07
2325	Gavali Kajal Ramchandrea	K.R. Gavali	10
2328	Chavan Divya Vitthal	Chavan D.V	09
2214	Bagal Rutika Dada	R.D. Bagal	06
2282	Gophane Sakshi Laxman	S.L. Gophane	06
2260	Chavan Pawali Dadasaheb	Chavan	05
2261	Chavan Aishwarya Santosh	Chavan A.S	04
2258	Palange Aarti Ashok	A.A. Palange	07
2292	Wagh Sanika Mahesh	S.M. Wagh	08
2287	Khune Swapnali Suresh	Swapnali	05
2212	Ubale Vaishnavi Suresh	Ubale V	06
2021	Awachar Amruta Hanumanant	Amruta	03
2254	Mali Pooja Dnyaneshwar	Pooja Mali	10
2216	Survase Apeksha Dilip	A.D. Survase	07
2345	Dalwale Asiya Nasir	Dalwale	08
2202	Aishwarya Raghunath Khare	A.R. Khare	05
2206	Sakshi Dhanaji Karande	Karande S.D.	11
2283	Harshada Shrimant Katre	H.S. Katre	06


 Head, Department of Chemistry
 KNBC & VPS College, Bhosare.


 I/c. Principal
 K.N. Bhise Arts, Commerce &
 Vinayakrao Patil Science College
 Vidyanagar, Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)

Suprise test

classmate
Date 4-12-2021
Page _____

Name : Sukshi Dhanaji Kazande

Class : BSC Ist year

Roll No : 2206

Sign : Kazande S.D.

11
15

1] → a] size and energy. ✓

2] → a] One ✓

3] → c] high. ✓

4] → c] positively charge. ✓

5] → d] spherical shape. ✓

6] → c] Orientation. ✓

7] → c] p, dx^2-y^2, dz^2 ✓

Head, Department of Chemistry
KNBAC & VPS College, Bhosare.

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College, Vidyanagar, Bhosare (Kurduwadi)

8] → ~~b] p orbitals~~ d] same.

9] → b] p orbitals

10] → d] ns^2, np^2

11] → b] F

12] → a] Increases.

13] → c] $Cl > F > Be > I$

14] → a] I^{3+} A group

15] → c] high.

Head, Department of Chemistry
KMBAC & VPS College, Bhosare.

Hydrogen

Atomic Number	1	Atomic weight	1.008
	H	Symbol	
	Hydrogen	Name	
	$1s^1$	Electron Configuration	

- Hydrogen (H) is a gas, and it's the first element on the periodic table
- Hydrogen is the lightest element
- Density (at STP) 0.08988 g/l
- Critical point 132.938 K (-128.58 °C)
- melting point (H₂) 13.99 K (-259.16 °C, 484.45 °F)



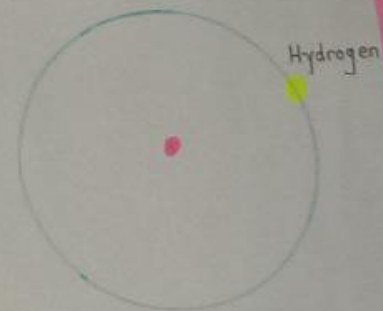
Henry Cavendish

- In 1766, Henry Cavendish was the first to recognize hydrogen gas as a discrete substance, by identifying the gas from a metal-acid reaction as flammable air on the richest men in Britain at the time. He lived in London and spent his time in his private laboratory at his home.

It is a colorless, odorless, tasteless and highly flammable gas with the molecular formula = H₂

Uses

- Hydrogen can be used in fuel cells to generate electricity or power and heat. Hydrogen is most commonly used in petroleum refining and fertilizer production, while transportation and utilities are emerging markets.



- Proton, P (positive charge)
- Neutron, n (neutral charge)
- electron, e (negative charge)

Name :- Harshada Shrimant kate
Std :- B.Sc.I Roll no :- 2289
Sub :- Chemistry

ALUMINIUM

Al

Aluminium

Discovered year : 1824
Discovered by : Hans Christian Ørsted
Element category : Post-transition metal
Block : P-block
Colour : Silvery-White

Atomic number : 13
Atomic mass number : 26.982
Melting Point : 660°C
Boiling Point : 2467°C
Density : 2.70
Electronic Configuration : $[\text{Ne}] 3s^2 3p^1$
State : Solid
Valency : 3
Crystal Structure : fcc

Properties:- Ductility:

High ductility Aluminium can be beaten very thin.

Malleability

High malleability Aluminium is very capable of being shaped or bent.

Conductivity:

Good electrical and thermal conductor.

Uses:-

1. Power lines.
2. High-rise buildings.
3. Window frames.
4. Consumer electronics.
5. Household appliances.
6. Industrial appliances.
7. Aircraft Components.
8. ships
9. Trains
10. Personal vehicles.
11. Cars
12. spacecraft components.

Name: Vinod Mahadev Deshmukh

Roll No. 2226

Lead

Atomic number → 82

Symbol → Pb

acid-base properties of highest valence oxides

crystal structure

Physical state at 20°C (68°F)

- Lead is a chemical element with the symbol Pb
- Atomic number 82
- It is a heavy metal
- Lead is soft & malleable & also has a relatively low melting point
- Element Lead (Pb), Group 14,
- Atomic number 82, p-block, mass 207.2, g.mol⁻¹
- Its melting point is 327°C

Name → Lead

Atomic Mass → 207.2

electron configuration → [Xe] 4f¹⁴ 5d¹⁰ 6s² p²

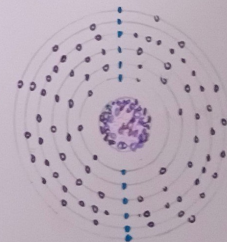
NAME - Chaitanya Ramesh Mosalkar
 Roll No - 2232
 STD - BSC-I
 sub - Chemistry

Uses of Lead

Lead are used in pencil
 Lead is still widely used for car batteries, pigments, ammunition, cable sheathing, lead crystal glass radiation protection & in some solders. It is often used to store corrosive liquids.

Lead Elements

Lead (Pb), a soft, silvery white or grey leadish metal in Group 14 (IVA) of the periodic table. Lead is very malleable & dense & is very poor conductor of electricity. Lead is highly durable & resistant of corrosion. The symbol Pb for lead derive from the Latin Plumbum.



Lead (Pb)

Symbol: **C**
 Atomic Weight: **6** [12.0096, 12.0116]
 electron Configuration: **[He]2s²2p²**
 Name: **Carbon**
 acid base properties of higher valence oxides
 Crystal structure
 Physical state at 20°C (68°F)

Physical Properties

Phase at STP	Solid
Sublimation point	3915 K (3642°C or 6598°F)
Density (heat no)	amorphous 1.8-2.2 g/cm ³ graphite 2.267 g/cm ³ diamond 3.515 g/cm ³
Triple point	4600 K, 10.800 kPa
Heat of fusion	graphite 17 kJ/mol diamond 16.15 kJ/mol
molar heat capacity	

Uses of Carbon in daily life

It makes up for 18% of the human body. Sugar, glucose, proteins etc all made up of it...
 Carbon in its diamond form is used in Jewellery
 Amorphous Carbon is used to make inks and paints
 Graphite is used as the lead in your pencils.
 One of the most important uses is Carbon dating.

Atomic Properties

Oxidation states	-4, -3, -2, -1, 0, +1, +2, +3, +4 (acid oxide)
Electronegativity	Pauling scale: 2.55
Ionization energies	1st: 1086.5 kJ/mol 2nd: 2352.6 kJ/mol 3rd: 4620.5 kJ/mol (more)
Covalent radius	sp ³ : 77 pm sp ² : 73 pm sp: 69 pm
Van der Waals radius	170 pm

Carbon in the Periodic Table

Atomic Number (Z)	6
Group	group 14 (Carbon group)
Period	Period 2
Block	p-block
Electron configuration	[He] 2s ² 2p ²
Electrons per shell	2, 4

History

Discovery	Egyptian and Sumerians (12) (3900 BC)
Recognized as an element by	Antoine Lavoisier (11) (1789)

Green wood. Normal N: (1817)
 chemistry of the element (and out) Outterwith Heiseman

Carbon

Allotropes	graphite, diamond
Appearance	graphite: black, metallic looking diamond: clear
Standard atomic Weight	[12.0096, 12.0116]
r. std (°C)	Conventional: 12.011

History

- lithium was discovered by Johan Arfvedson in Stockholm Sweden in 1817
- He discovered lithium during a routine chemical investigation of some minerals from amine.
- The origin of the word lithium from Greek The Greek word lithos means "Stone".

Lithium ✓

Biological Role

Lithium ions prevent the development of functional supersensitivity to dopamine and acetylcholine receptors stimulation most likely by influencing second messenger systems.

Period
Period 2

Electron
Pershell
2.1

Group
Hydrogen and alkali metals

oxidation states
+1 (a strong - slightly basic oxide)

Atomic number 3	Name Li Lithium	Atomic weight 6.941
Electronic Configuration 1s ² , 2s ¹	Boiling Point 1325 °C	Block - s-Block
Melting point 180.52	Body-centered cubic crystal	Critical Point 3220K, 67MPa (extrapolated)

heat
fusion
3.0 kJ/mol

0.534 g/cm³

solid

Chemical properties

- These belongs to same group.
- Shows diagonal relationship.
- both has same ionisation potential.
- both has same electron affinity.

Appearance

Lithium is a soft silvery-white metal that heads group 1 of the alkali metals group of the periodic table of the elements.

Name: Rohit Ankuush Kedar

Rechargeable Batteries

- High performance aircraft parts.
- coolant in nuclear breeder reactors.
- mood-stabilizing drugs (when mixed with carbonate).
- Desiccants (when mixed chloride and Bromide)
- All purpose and high-temperature lubricant (when mixed with stearate).

Applications

- Lithium oxide is widely used as a flux for processing silica.
- The melting point and viscosity of the material and leading to glazes.
- its low atomic mass, it has a high charge-and power-to-weight ratio
- A typical lithium-ion battery can generate.

→✂→ Oxygen : O →✂→

Oxygen is the chemical element with the symbol O & atomic number '8'. It is a member of chalcogen group. In the periodic table. A highly reactive nonmetal, & an oxidizing agent that readily forms oxides with most elements as well as with other compounds oxygen is Earth's most abundant element, & after hydrogen and helium, it is the third most abundant element in the universe. At standard temperature and pressure, two atoms of the element bind to form dioxygen, a colorless and odorless diatomic gas with the formula, O_2 . diatomic oxygen gas with currently constitutes 20.95% of the Earth's atmosphere, though this has changed considerably over long periods of time. oxygen makes up almost half of the Earth's crust in the form of oxides.

→✂→ Oxygen →✂→

* Allotropes	O_2, O_3 (ozone)
* Appearance	gas: colorless liquid and solid: pale blue.
* Standard atomic weight $A_r, \text{std} (O)$	[15.999 03, 15.999 77] conventional: 15.999 ⁽¹⁾
* Abundance in the Earth's crust	461000 ppm.

→✂→ Oxygen in the periodic table. →✂→

* Atomic mass	15.999 4.
* Atomic number (Z)	8
* Group	group 16 (chalcogens)
* Period	Period 2.
* Block	P-block
* Electron configuration	$[He], 2s^2, 2p^4$
* Electronegativity	3.44
* Electrons per shell	2, 6

Name - Farad Vishal Dattatraya
Roll No - 2251

Nitrogen

1) Nitrogen.

Appearance :- Colorless gas/liquid or solid.

Standard atomic weight :- [14.006 43, 14.007 28]
Conventional 14.007

2) Atomic number (Z)

Group :- group 15 (pnictogens)

Period :- Period 2

Block :- p-block

Electron :- [He] 2s² 2p³

Configuration

Electron per shell :- 2, 5

3) History.

Discovery :- Daniel Rutherford (1772)

Named by :- Jean-Antoine Chaptal (1790)

4) main isotopes of nitrogen.

Isotope	Abundance	Half-life (t _{1/2})	Decay mode	Product
¹³ N	5.7%	9.965 min	β ⁻	¹³ C

¹⁴N 99.6% stable.

¹⁵N 0.4% stable.

5) Properties other.

Natural occurrence :- primordial

Crystal of sound :- hexagonal

speed of sound :- 353 m/s (gas at 27°C)

Thermal conductivity :- 25.83 × 10⁻³ W/(mK)

magnetic ordering :- diamagnetic

CAS Number :- 17778-88-0 7727-37-9 (N₂)

6) Physical Properties.

Phase at STP gas

Melting point (N₂) 63.23⁽⁻⁷⁾ K
(-209.86⁽⁻²⁾ °C,
-345.75⁽⁻⁵⁾ °F)

Boiling point (N₂) 77.3365 K
(-195.795 °C,
-320.431 °F)

Density (at STP) 1.2506 g/l⁽⁻³⁾ at 0°C

when liquid (at 6.9) 0.808 g/cm³
1013 mbar

Triple point :- 63.151 K, 1252 kPa.

Critical point :- 126.21 K, 3.39 MPa.

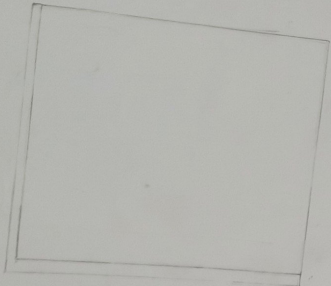
Heat of fusion :- (N₂) 0.72 kJ/mol

Heat of vaporization :- (N₂) 5.57 kJ/mol

molar heat capacity :- (N₂) 29.124 J/(mol·K)

Name :- Prasad. Shivaji salgar.

Roll No :- 2294



Physical Properties	
Phase at STP	Solid
Sublimation Point	3915K (3642°C 6588°F)
Density (near r.t.)	amorphous: 1.8 - 2.1316 m ³ (g)
Triple Point	Graphite: 2343 J/cm ³
Heat of Fusion	diamond: 3515 J/cm ³
molar heat capacity	4600 K, 10.8 x 10 ³ J/mol (graphite)
	Graphite: 117 J/mol
	Graphite: 8.517 J/mol.K
	diamond: 6.155 J/mol.K

Atomic properties	
or oxidation states	-4, -3, -2, -1, 0, 1, 2 (C)
Electronegativity	+2, +3, +4 (C) (0 mod 4)
Ionization energy	acidic oxide
	Pauling Scale: 2.55
Covalent radius	1st: 108.65 K/mol
	2nd: 235.64 J/mol
Van der Waals radius	3rd: 46.20 - 5 K/mol
	(more)
	SP ³ : 77 pm
	SP ² : 73 pm
	SP: 69 pm
	170 pm

Carbon	
Allotropes	graphite diamond others
Appearance	graphite: black, metallic-looking
standard atomic weight	diamond: clear
	[12.0096, 12.0116]
At. wt (C)	Conventional: 12.011

Carbon in the periodic table	
Atomic Number	6
Group	Group 14 (Carbon group)
Period	Period 2
Block	p-block
Electron configuration	[He] = 5s ² 2p ²
Electrons per shell	2, 4

History	
Discovery	Egyptians and Sumerians (c. 3500 BCE)
Recognized as an element by	Antoine Lavoisier (1789)



Bibliography	
Greenwood Norman N. Eastham, Alton (1997)	
Chemistry of the element (2nd ed) Butterworth Heinemann.	

Name: Ghuge Ashok Rajesh

Roll No: 2240

BORON

Boron - Element

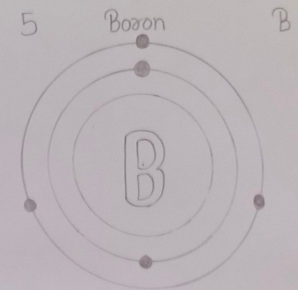
atomic number	5	[10.806, 10.82]	atomic weight
Symbol	B		acid-base properties of higher
electron configuration	[He]2s ² 2p ¹		crystal structure
name	boron	---	Physical state at 20°C [68°F]

- Boron group element, any of the six chemical elements constituting group 13 (IIIA) of a periodic table.
- The Boron is non metallic element and only one -metal of the group 13 of periodic table elements.
- Atomic mass :- 10.814
- Year Discovered :- 1808
- Oxidation states :- +3
- Electron configuration :- 2s²2p¹

The name of boron comes from the mineral borax which is a salt of the a really uninspiring. origin of the name :- The name is derived from the Arabic 'buraq'. Discovered by :- Louis-Joseph Gay-Lussac and Louis-Jacques Thenard in Paris, France etc.

Uses

Boron is a mineral that is found in food and the environment. People take boron supplements as medicine. Boron is used for building strong bones, treating osteoarthritis, as an aid for building muscles and increasing testosterone levels, and for improving thinking skills and for improving muscle coordination.



Name :- Rohit Bhatt Awachar

Roll No :- 2229

Std :- B.sc I

Sub :- Chemistry

History

Uranium Ores contain minute traces of polonium at level of parts per billion. Despite this, in 1898 Marie Curie and her husband Pierre Curie extract some from pitchblende after months of painstaking work.

The element that followed bismuth and he predicted it would have an atomic weight of 212. The curies had extracted the isotope polonium-209 and which has a half-life of 103 year.

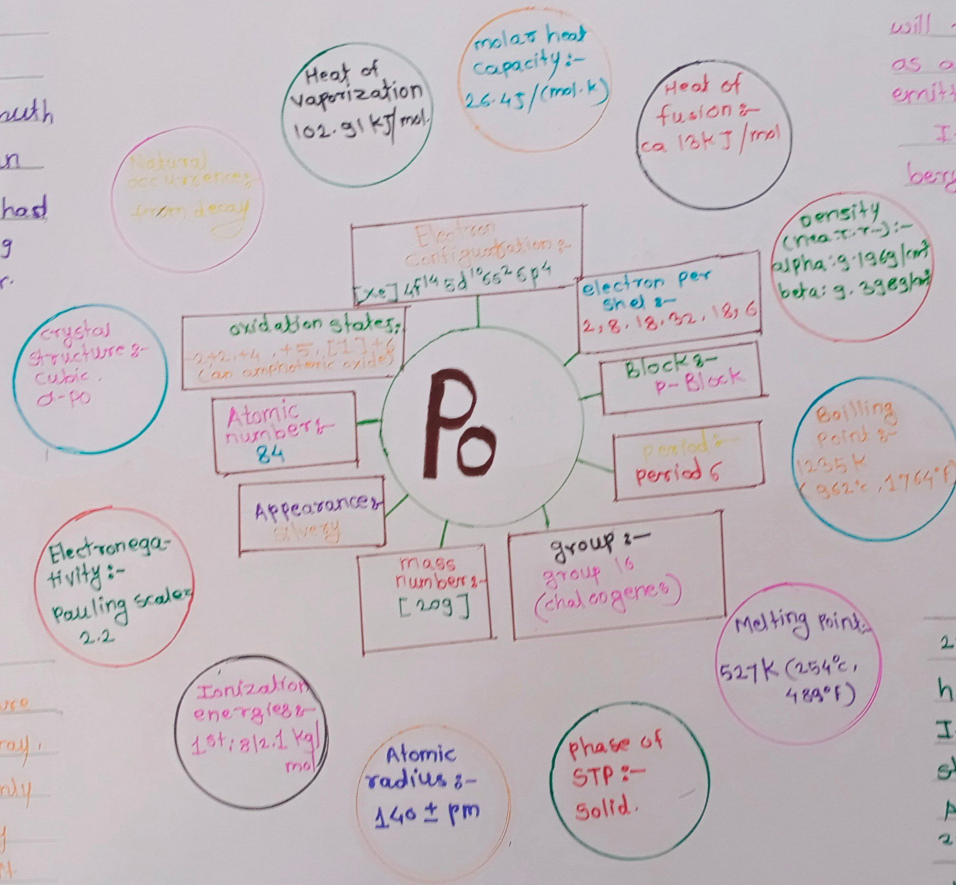
Application

Polonium is radioactive, extremely rare semimetal. It is reactive, silvery-grey. It dissolves in dilute acids, but is only slightly soluble in alkalis; it is fairly volatile; about half of a sample of it will evaporate within 3 days.

Polonium was once used in textile mills and by the manufacturers of photographic plates. It is used as source of alpha-radiation for research and alloyed with beryllium it can act as portable source neutrons.

Biological role

Polonium has no known biological role. It is highly toxic due to its radioactivity.



Appearance

A silvery-grey, radioactive semi-metal.

Uses

Polonium is an alpha-emitter, and used as an alpha-particle source in the form of a thin film on a stainless steel disc. These are used in anticatalytic devices and for research purposes.

A single atom of polonium will reach a temperature of 500°C as a result of the alpha-radiation emitted.

It can be mixed or alloyed with beryllium to provide a source of neutrons.

Characteristics

^{210}Po is an alpha emitter that has a half life of 138.4 days. It decays directly to its stable daughter isotope, ^{206}Pb . A milligram (5 curies) of ^{210}Po emits about as many alpha particles per second as 5 grams of ^{226}Ra [3]. A few curies of ^{210}Po emit a blue glow which is caused by ionisation of surrounding air.

Name: Chavan Keshav Sanjay

CLASSIFICATION

Classification :- Sulfur is a chalcogen and a non-metal.

colour :- Yellow, Atomic Number = 16.

Atomic Weight :- 32.06, Atomic mass = 32.06 g.mol⁻¹

State :- Solid.

Melting point :- 113°C - 115°C

Boiling point :- 445°C - 832°F

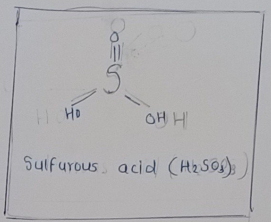
Electronic configuration :- [1s² 2s² 2p⁶ 3s² 3p⁴], [Ne] 3s² 3p⁴.

Discovered by :- The ancients, chinese (Before 2000 BCE)

Sulfur belonging to the Oxygen group (group 16)

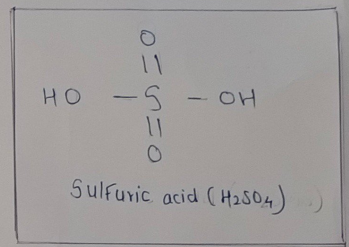
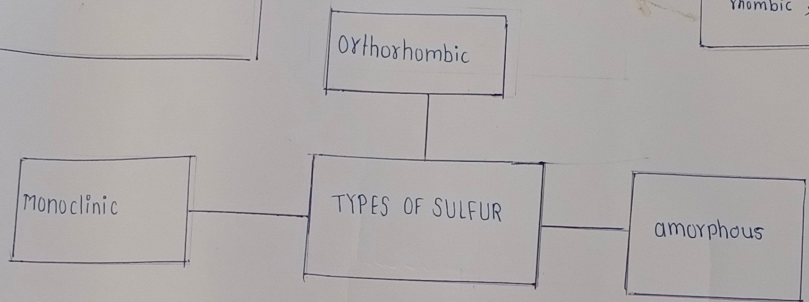
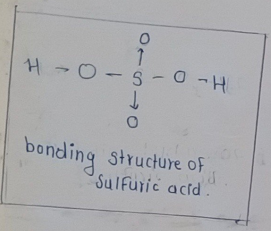
Electrons - 16
Protons - 16.

SULFUR



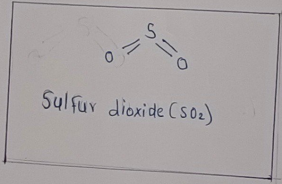
PROPERTIES OF SULFUR

- Sulfur forms polyatomic molecules with different chemical formulas.
- Its best known allotrope is octasulfur, S₈, which is a soft, yellow solid.
- Due to changes in intermolecular interactions, it undergoes phase changes from α-octasulfur to β-polymorph to γ-sulfur at high temperatures.
- At temperatures higher than boiling point for octasulfur, depolymerization occurs.
- Molten sulfur has a dark red colour above 200°C. Different density of about 2.0 g/cm³. Stable allotropes have different & excellent electrical insulators.
- Sulfur burns with a blue flame, forming sulfur dioxide with suffocating odor. It is insoluble in water but soluble in carbon dioxide/sulfide. S⁴⁺, S⁶⁺ are more common than S²⁺.
- Higher ionization states exist only with strong oxidants such as fluorine, oxygen and chlorine.
- Sulfur is an odorless, tasteless, light yellow solid.
- It is a reactive element that given favorable circumstances combines with all other elements except gases.
- Sulfur appears in a number of different allotropic modification :- rhombic, monoclinic, polymeric and others.



CHARACTERISTICS OF SULFUR

- Sulfur is a soft.
- Sulfur colour is pale yellow.
- Sulfur is odorless, brittle solid.
- It is insoluble in water.
- It is soluble in carbon dioxide.
- It burns with a blue flame, oxidizing to sulfur dioxide.
- It reacts with all metals except gold and platinum.
- It also forms compounds with several nonmetallic elements.
- Sulfur is a poor conductor of electricity.
- Sulfur exists in several crystalline & amorphous allotropes.
- Sulfur is multivalent & combines with valence 2, 4 or 6 with almost all other elements.



NAME :- Pratik Dhananjay Tonape.
Roll.No - 2334
Subject - Chemistry
Group :- B.
P.batch :- C
Date :- 09-12-2021

USES OF SULFUR

- Sulfur is used in the production of sulfuric acid.
- Sulfur is also used in the vulcanization of natural rubber.
- Sulfur is used in black gun-powder.
- Sulfur is used in detergents and in the manufacture of phosphate fertilizers.
- It is a component of two amino acids. they are cysteine and methionine.
- The major derivative of sulfur is sulfuric acid (H₂SO₄) one of the most important elements used as an industrial raw material.
- Sulfur's main commercial use is as a reactant in the production of sulfuric acid (H₂SO₄).
- Sulfuric acid is the industrialized world's number one bulk chemical, required in large quantities in lead-acid batteries for automotive use.
- Sulfites are used to bleach paper and as preservatives for many foodstuff.
- calcium sulfate is mined on the scale of 100 million tonnes each year for use in cement and plaster.

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Department of Chemistry

List of Advanced Learners

Class: B. Sc. II

Academic Year: 2021-2022

Sr. No.	Name of the Students
1.	Miss. Mande Pranjali Kalyan
2.	Mr. Bhalake Prasad Balu
3.	Miss. Langote Somvati Mahadev
4.	Miss. Ghuge Vaishnavi Khandu
5.	Miss. Kumbhar Anuradha Vishnu
6.	Miss. Bagal Radhika Govardhan
7.	Miss. Kale Neha Ganesh
8.	Miss. Kale Nikita Ganesh
9.	Miss Gapate Sidhali Suresh
10.	Miss. Gurav Bharati Maruti
11.	Mr. Rushikesh Dattatray Sawant

Madha Taluka Shikshan Prasarak Mandal's
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College, Vidyanagar, Bhosare (Kurduwadi)

Department of Chemistry

Unit Test For Advanced Learners

Class: B. Sc. II

Date: 20.06.2022

Sr. No.	Name of the Students	Marks
1.	Miss. Mande Pranjali Kalyan	14
2.	Mr. Bhalake Prasad Balu	13
3.	Miss. Langote Somvati Mahadev	12
4.	Miss. Ghuge Vaishnavi Khandu	11
5.	Miss. Kumbhar Anuradha Vishnu	13
6.	Miss. Bagal Radhika Govardhan	14
7.	Miss. Kale Neha Ganesh	13
8.	Miss. Kale Nikita Ganesh	14
9.	Miss Gapate Sidhali Suresh	11
10.	Miss. Gurav Bharati Maruti	12
11.	Mr. Rushikesh Dattatray Sawant	12

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Department of Chemistry

Unit Test for Advanced Learners

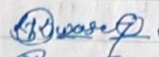
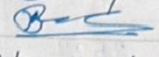

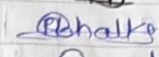
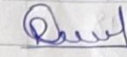
Class: B. Sc. II


Date: 20.06.2022

B.Sc II		20/06/2022	
Sl No	Roll No	Student Name	20/06/22 Sign
1)	2522	Netake Vrushali Rajkumar	Vrushali
2)	2451	Langote Somnareti mahadev	Langote
3)	2506	Patil krantiksha kiran	Patil
4)	2448	Deshmukh shanti sanjay	Deshmukh
5)	2466	Tonape Aruna Rajaram	Tonape
6)	2454	Lenjare Anshwanja Yuvraj	Lenjare
7)	2496	Kadam Aakanksha Ramesh	A.R. Kadam
8)	2519	Shaikh Muskan Mahamadsharif	Shaikh
9)	2530	Wagh shubhangi Satish	Wagh
10)	2488	Bagal Gauri Dilip	Bagal
11)	2489	Nalawade Harshada Hanumant	Nalawade
12)	2491	Pawar Anushka Mohan	Pawar
13)	2499	Bagal Shirani Vitthal	Bagal
14)	2505	Jamadar Apreen Jelihe	Jamadar
15)	2495	Gore Sayali Sayaji	Gore
16)	2461	Kale Neha Ganesh	Kale
17)	2457	Kale Nikita Ganesh	Kale
18)	2450	Godase Anjali Dilas	Godase
19)	2449	Mande prunjali Kalyan.	Mande
20)	2497	Pawar Akshay Dnyander	Pawar
21)	2493	Doke Shekhae Ashok	Doke
22)	2514	Mahesh Shamrao Kambhe.	Mahesh
23)	2520	Balkrushna vilas Khase	Khase
24)	2524	Bichitkar Rushikesh Ankush	Bichitkar
25)	2513	Lande Sudhir Sagar	Lande
26)	2455	Pawar Amos Phondku	Pawar
27)	2494	Lakole Anand Ratilal	Lakole
28)	2456	Sandosh Abhiman more	S.m. more

Madha Taluka Shikshan Prasarak Mandal's
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4

35)	2525	Suravase Rohit kemashwar	
36)	2526	kale somnath gijnath	
37)	2527	Talkekar Swapnil lahu	S.L. Talkekar
38)	2462	Bongale kishor Manik	
39)	2534	Bhalke Prasad Balu	
40)	2509	Awachar Rohidas Shivaji	



मोहा तालुका शिक्षण प्रसारक मंडळ
 ॥ विद्यया मयत्रतीति ॥

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

Unit Test for Advanced Learners

Class: B. Sc. II

Date: 21.01.2022

SC-II Unit Test-2 Topic - Distribution Law Date - 21/01/2022
marks - 20

Q.1 Multiple choice question

① In the mathematic representation of distribution law i.e. $k = \frac{C_1}{C_2}$ the constant k is known as
① partition coefficient ② Distribution coefficient ③ Temperature coefficient
④ Both a & b

② If there is ----- of a solute in first solvent, the distribution law can be modified as, $k = \frac{C_1(1-x)}{C_2}$
① Extraction ② Dissociation ③ solvation ④ association

③ multiple extraction is ----- efficient as compare to single extraction
① more ② the same ③ less ④ none of these

④ The distribution law is applied in
① Haber process for manufacture of NH_3
② parker's process for the extraction of b
③ contact process for the manufacture of H_2SO_4
④ All of these

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⑤ ----- Liquid are the liquid which are not completely soluble into each other
① Heterogenous ② Homogenous
③ Immiscible ④ Both A & B 15 mark

Q.2. Answer any three of the following

① state Nernst distribution law & what are the limitation of partition law

② Derive the relation $w_1^n = \left[\frac{kV_0}{kV_0 + nV_1} \right] w_1^0$

③ Explain the phenomenon of association & dissociation of solute in solvent

④ what do you mean by Extraction process. what are the application of Extraction process.

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Department of Chemistry

Unit Test Marklist

Class: B. Sc. II

Date: 21.01.2022

Bsc II
21/01/2022
Unit test
Distribution law

Sl. No	Roll No	Name	Sign	Marks	Percentage
1	2450	Godase Anjali Nilad	Godase	20	
2	2449	Mande Pranjali Kalyan	Mande	19	
3	2458	Ghuge Neha Dhanraj	N.D.G.	10	
4	2448	Deshmukh Shachi Sanjay	Deshmukh	05	
5	2522	Vrushali Rajkumar Netake	Vrushali	16	
6	2491	Pawar Anushka Mohan	Pawar	12	
7	2495	Gore Sayali Sanjay	Gore	19	
8	2496	Kadam Aakanksha Ramesh	A.R.Kadam	07	
9	2519	Ghaiskar Muskan Mahamadshah	Ghaiskar	10	
10	2506	Patil Krantika Kiron	Patil	01	
11	2505	Jamadar Apken Jeehe	Jamadar	11	
12	2478	Ashwini Arjun Anantkavale	Ashwini	08	
13	2465	Bagal Rutuja Yuvraj	Bagal	07	
14	2454	Lengare Ashwarya Yuvraj	Lengare	08	
15	2488	Bagal Gauri Dilip	Bagal	19	
16	2530	Wagh Shubhangi Satish	Wagh	14	
17	2475	Kumbhar Anuradha Vishnu	Kumbhar	14	
18	2457	Kale Nikita Ganesh	Kale	18	
19	2461	Kale Neha Ganesh	Kale	16	
20	2467	Bagal Sakshi Dattatray	Bagal	07	
21	2468	Devkar Namrata Nitin	Devkar	03	
22	2476	Bagal Radhika Govardhan	Bagal	09	
23	2489	Gore Aditi Vijaykumar	Gore	08	
24	2499	Bagal Shirani Vitthal	Bagal	12	
25	2471	Lengare Samavati Mahadev	Lengare	08	
26	2466	Tonape Aruna Rajaram	Tonape	09	
27	2467	Dhore Rutuja Bhaskar	Dhore	08	
28	2533	Dixit Noopur Vinayak	dixit N.V.	14	
29	2521	Kane Bharnet Geetkan	Kane	02	
30	2477	Awarhaz Akshay Vansaj	Awarhaz	03	

No	Roll No	Name	Sign	Marks	Percentage
31	2494	Lakhe Anand Rati Lal	Lakhe	07	
32	2497	Pawar Peshay Dnyanesh	Pawar	08	
33	2534	Bhalke Prasad Balu	Bhalke	18	
34	2493	Doke Shekhar Ashok	Doke	03	
35	2490	Bagal Saurabh Subhash	Bagal	02	
36	2520	Khose Balkrishna Viley	Khose	05	
37	2470	Gaikwad Kananraje Tanaji	Gaikwad	00	
38	2503	Awachar Rohidas Shivaji	Awachar	09	
39	2452	More Vishal Navanath	More	04	
40	2486	More Santosh Abhiman	More	08	
41	2455	Pawar Aron Rhandu	Pawar	09	
42	2473	MISAL ANKESH PRAKASH	MISAL	02	
43	2526	Kale Somnath Ajinath	Kale	01	
44	2453	Mande Sudarshan Navanath	Mande	02	

Head, Department of Chemistry
KMBAC & VPS College, Bhosare.

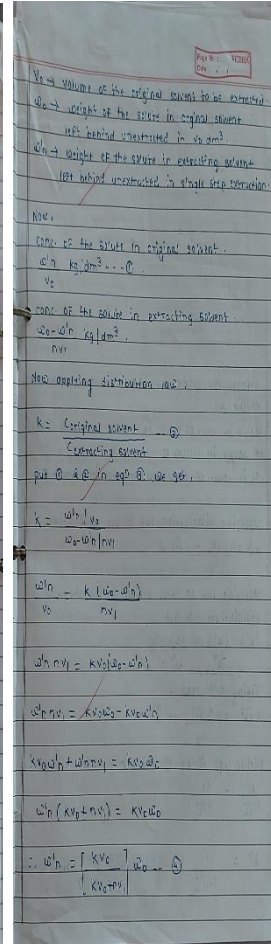
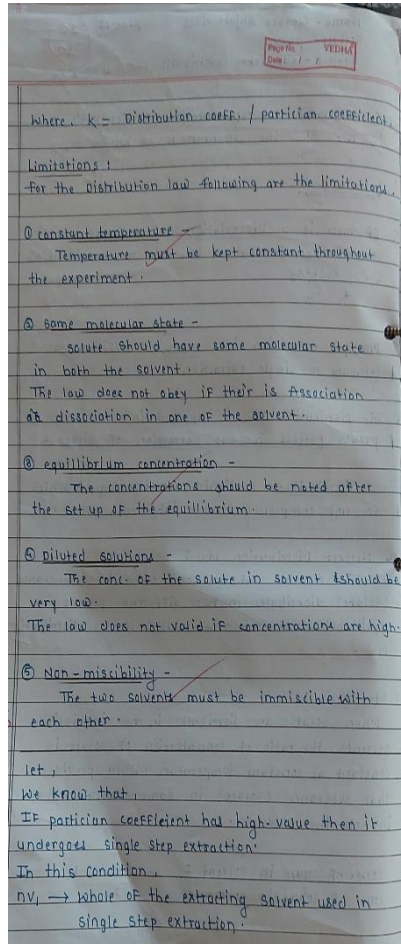
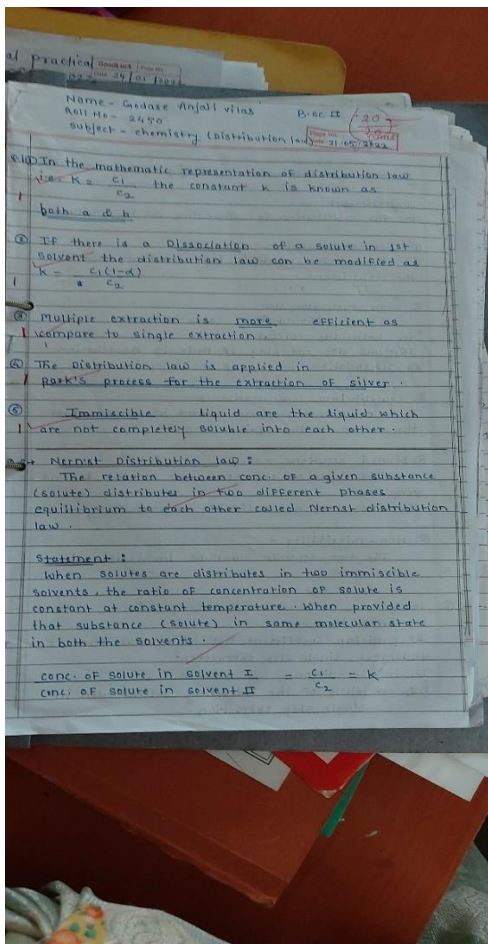
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Department of Chemistry

Sample Answer Sheet

Class: B. Sc. II

Date: 21.01.2022



Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

List of Advanced Learners

Class: B. Sc. III

Academic Year: 2021-2022

Sr. No.	Name of the Students
1.	Miss. Kulkarni Shradha Ramchandra
2.	Miss. Wagaj Aishwarya Shivaji
3.	Mr. Kadam Nikhil Vilas
4.	Miss. Kanhere Sarika Satish
5.	Miss. Parbat Pragati Mahadev
6.	Miss. Talekar Payal Baburao
7.	Mr. Ubale Rohan Vijaykumar
8.	Miss. Bhagvat Dipali Sanjay
9.	Miss. Shaikh Sabiya Salim
10.	Miss. Sirsat Divya

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare (Kurduwadi)

Department of Chemistry

List of Advanced Learners

Class: B. Sc. III

Academic Year: 2021-2022

Sr. No.	Name of the Students	Marks
1.	Miss. Kulkarni Shradha Ramchandra	18
2.	Miss. Wagaj Aishwarya Shivaji	17
3.	Mr. Kadam Nikhil Vilas	18
4.	Miss. Kanhere Sarika Satish	18
5.	Miss. Parbat Pragati Mahadev	19
6.	Miss. Talekar Payal Baburao	16
7.	Mr. Ubale Rohan Vijaykumar	17
8.	Miss. Bhagvat Dipali Sanjay	18
9.	Miss. Shaikh Sabiya Salim	19
10.	Miss. Sirsat Divya	AB

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

Class: B. Sc. III

Academic Year: 2021-2022


1. Unit Test

B.Sc. III
Unit test - 1
Spectroscopy,

D-14/05/22
Mark - 20

Solve any four out of five.

- Q.1. Give the significance of Raman spectra. Discuss in details.
- Q.2. Explain in brief, overtone bands.
- Q.3. Describe briefly the rotational spectra of diatomic molecules.
- Q.4. Explain the term i) wavelength ii) frequency iii) wave number \rightarrow How are they interrelated?
- Q.5. Explain rule of mutual exclusion with respect to CO_2 molecules.


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B.Sc. III

D. 14/05/22

Unit test - 1

Topic :- Spectroscopy

Sl. No.	Roll No.	Name	Sign	Marks
1)	2775	Bhosale Atul Nivlutti	<u>Atul</u>	10
2)	2746	Devkar Sachin Baliram	<u>Devkar</u>	- 11
3)	2694	Talekar Somnath Datturaj	<u>Talekar</u>	- 04
4)	2760	Bhange Yogesh Sharad	<u>yes</u>	- 06
5)	2712	Chandekar Dayanand Nath	<u>Chandekar</u>	- 05
6)	2762	Kosar Abhijit Vilas	<u>A.V.Kosar</u>	- 07
7)	2711	Kadam Nikhil Vikas	<u>Kadam</u>	- 18
8)	2706	Bagal Mahendra Mansing	<u>MMB</u>	- 12
9)	2707	Padule Vaibhav Arjun	<u>Padule</u>	- 09
10)	2769	Kamble Komal Laxman	<u>Kamble</u>	- 10
11)	2749	Wagaj Aishwarya Shivaji	<u>Aishwarya</u>	- 17
12)	2687	Kashid Kajal Ajinath	<u>Kajal</u>	- 12
13)	2690	Talekar Pajal Bapurao	<u>Talekar</u>	- 16
14)	2692	Shaikh Sabiya Salim	<u>Shaikh</u>	- 19
15)	2691	Talekar Komal Kalidasa	<u>Talekar</u>	- 13
16)	2698	Anchae Anuraj Dhanaaji	<u>A.D.Anchae</u>	- 11
17)	2689	Bharate Gauri Balasaheb	<u>GBharate</u>	- 12
18)	2688	Kanhere Pradnya Satish	<u>PKanhere</u>	- 11
19)	2772	Bhagwat Dipali Sanjay	<u>D.S.Bhagwat</u>	- 18
20)	2744	Parbat Pragati Mahadev	<u>Parbat</u>	- 19
21)	2683	Kanhere Sakika Satish	<u>Sakika</u>	- 18
22)	2794	Pawar Sujit Rajendra	<u>SPawar</u>	- 06
23)	2750	Deshmukh Rohit Shivaji	<u>R.S.Deshmukh</u>	- 07
24)	2751	Kshirsagar Namdev Datturaj	<u>Namdev</u>	- 11
25)	2764	More Prakash Suresh	<u>P</u>	- 05

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Department of Chemistry

Special program for Advanced Learners

2. Seminar and Poster presentation on Periodic Table- 2021-22

Class – B. Sc. III

Date- 18/11/2021

Activity Name :-Seminar Presentation



B. Sc. III students presented their seminar on syllabus topic

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

3. Reference Books From Departmental Library for Advanced Learners

Class – B. Sc. III

Academic Year: 2021-2022

2021-22 Department of Chemistry

Sr No.	Name of Student & Class	Date of Issue	Date of Submission	Book Name
1	Udale Rohan vijayKumar B.Sc.III	8/10/21 <i>Rohal</i>	26/10/21 <i>Dudh</i>	Reference books 1) Participat in inorganic chemistry Puri, Sharma 2) Text book inorganic Nidali
2)	vishnu sadashiv Kambale B.Sc.II	11/10/21 <i>Pr</i>		reactions, re arrangement and reagents S.H.Sanyal organic chem B.Sc.III Textbook
3)	Shirsat Diya Yashwant B.Sc.III	17/11/21 <i>Pr</i>	31/12/2021 <i>Pr</i>	
4)	Kanhare Soreko Satish B.Sc.III	17-11-21 <i>obiker</i>	<i>Dudh</i> 27-11-21	Physical Chemistry B.Sc.III Textbook
5)	Nikita Ganesh Kala B.Sc.-II	30-11-21 <i>Pr-alk</i>		Laboratory char
6)	Lungare. T.B	8/01/2022 <i>Lungare</i>	<i>Dudh</i> 04/02/2022	Carruther, Puri, Sharma Pthania,
7)	chavan Keshav Sanjay	26-02-22 <i>chem</i>	<i>Dudh</i> 02/03/22	Atkins (Inorga Inorganic chem nirali B.Sc.I
8)	Lungare .T.B	<i>Dudh</i> 02/03/2022		Ahluwalia
9)	Lungare.T.B	8/03/2022 <i>Dudh</i>		Carruther Puri, Sharma,

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17y

Sr. No	Name of Student & Class	Date of Issue	Date of Submission	Name of Reference Books
10)	Mande Pranjali Kalyan B.Sc.II	16/04/22 <u>Mande</u>	07/05/22 <u>Pranjal</u>	Physical Chemistry Puri, Sharma, Pathani a
11)	Bhosale Atul Nivrutti B.Sc.III	05/05/2022 <u>Atul B.</u>	<u>Juddh</u> 17/05/22	M.Sc. extract (Pure) Ques Papers LTP (2011, 2013)
12)	Deshmukh Shruti Sanjay B.Sc. II	07/05/2022	21/05/22 <u>Juddh</u>	Physical Chemistry Puri Sharma Pathaniya
13	chavan Keshav Sanjay B.Sc.I.	13/05/2022 <u>Chav</u>	01/06/22 <u>Juddh</u>	A text book Principles of Analytical Chemistry Nirali Publications B.Sc.
14.	Swapnali suresh khune B.Sc.I	30-5-22 <u>Swapnali</u>	08-06-22 <u>Juddh</u>	A-textbook. Nirali Analytical chemistry B.Sc.I Analytical (01/06/22)
15.	chavan Keshav Sanjay B.Sc.I	21-06-22 <u>Chav</u>	22/06/22 <u>Pranjal</u>	Analytical chemistry Nirali
16	Kumbhar Anuradha Nishnu	22-06-22 <u>Kumbhar</u>	<u>Juddh</u> 20/08/22	Analytical & industrial chemistry.
17)	Langote Somavati mahadev	19-5-22 <u>Langote</u>	23/06/22 <u>Pranjal</u>	physical che- mistry puri- Sharma pathe- nic.
18)	Bhalke Prasad Balu	20-4-22 <u>Bhalke</u>		Analytical chemistry

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

4. Industrial Visit for Advanced learners

Class – B. Sc. III

Academic Year: 2021-2022



B. Sc. III Students Visited to CHEMARA Pvt. Ltd. Aran

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
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2.2.1: The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

It is generally observed that the heterogeneous classes of higher educational institutes require multiple teaching learning methodologies. Hence, it becomes very essential that the HEIs must identify the advanced and slow learners so that no student is left behind in the educational process.

Process of identifying Advanced and Slow Learners:

Our teachers identify the advanced and slow learners at the very beginning of the academic year. In order to do so, the teachers identify slow and advanced learners based on their marks obtained at HSC level. Apart from that some department conducts special tests to identify them. Even during the time of delivering the lectures, teachers identify them, by asking oral question. Accordingly, the teachers of the college apply altogether different strategies to enhance learning capabilities of these students.

Special Programme for Slow Learners:

- In regard of slow learners, these students are subjected to ‘Special Coaching’. They are given special guidance accordingly.
- These students are also given home assignments, question banks and notes. Also unit tests and open book examinations are conducted.
- Remedial Coaching Classes are organized for them
- Extra time and special coaching are given to such students when they do practicals in the laboratory.
- Teachers ask slow learners to solve the question papers of previous semester.

- Guest lectures by experts are organized to motivate slow learners.
- Audio-visual session is organized in which inspirational videos are screened.
- The mentors always encourage and guide the slow learners

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

List of Slow Learners

Class: B. Sc. I

Academic Year: 2021-2022

Sr. No.	Name of the Students
1.	Mr. Raut Pravin Maruti
2.	Mr. Godase Sushant Satish
3.	Mr. Londhe Ganesh Hambhirrao
4.	Miss. Awachar Amruta Hanumant
5.	Miss. Chavan Aishwarya Santosh
6.	Mr. Hanvate Satyajeet Maruti
7.	Mr. Kharbade Swapnil Tukaram
8.	Mr. Ghuge Datta Mahadev
9.	Mr. Masalkar Chaitanya Ramesh
10.	Mr. Raut Mangesh Dattatray

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Department of Chemistry

Slow Learners

Unit Test

Class: B. Sc. I

Date: 04.12.2022

		B.Sc.I. Chemistry Surprise Test		Page No.	Date
Sl. No.	Roll No.	Student's Name	Sign	Marks	
1.	2213	Pankaj Chandrakant Patkulkar		10	
2	2343	Vishal Namdev Pawar		10	
3)	2317	Ritesh Santosh Jadhav		05	
4)	2230	Satish Maruti Hanvate		04	
5)	2288	Sanket Sanjay Sutar		05	
6)	2289	Pravin Maruti Raut		03	
7)	2289	+			
8)	2293	Akash Bapu Vbale		05	
9)	2268	Sujayil Tukaram Kharulde		04	
10	2311	Susant Satish Goduse		03	
11	2341	Datta mahadev Ghuge		04	
12	2296	Rushinash Ashrunam Isakam		06	
13	2240	Ashok Rajesh Ghuge		05	
14	2321	Ganesh Hambirara Lonche		03	
15	2337	Swapnil Hanumant Yadav		08	
16	2221	Chavan Keshav Sanjay		06	
17	2327	Awatade Amol Bantu		05	
18	2232	Masalkar Chaitanya Purnesh		04	
19	2229	Ronit Bhanar Avchar		05	
20	2147	Raut Mangesh Dattatray		04	
21	2289	Ashutosh Sunil Shingare		06	
22	2302	Om Rajendra Khisagar		07	
23	2334	Pratik Dhananjay Tonape		06	

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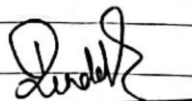
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Vidyanagar Bhosare, Dist-Solapur


Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
 College, Vidyanagar, Bhosare (Kurduwadi)**

Unit Test - 1 Atomic str. & Periodic properties
 B.Sc-I Surprise Test

Date: 04/12/2021

Roll No.	Student's Name	Sign	Marks out of 15
2273	Gade Radhika Anand	<u>Rade</u>	07
2241	Yadav Vaishnavi Pandurang	V.P. Yadav	07
2325	Gavali Kajal Ramchandrea	K.R. Gavali	10
2328	Chavan Divya Vitthal	Chavan D.V	09
2214	Bagal Rutika Dada	<u>R.D. Bagal</u>	06
2282	Gophane Sakshi Laxman	S.L. Gophane	06
2260	Chavan Pawali Dadasaheb	<u>Chavan</u>	05
2261	Chavan Aishwarya Santosh	<u>Chavan A.S</u>	04
2258	Palange Aarti Ashok	A.P. Palange	07
2292	Wagh Sanika Mahesh	S.M. Wagh	08
2287	Khune Swapnali Suresh	<u>Swapnali</u>	05
2212	Ubale Vaishnavi Suresh	<u>Ubale</u>	06
2021	Awachar Amruta Hanumanant	<u>Amruta</u>	03
2254	Mali Pooja Dnyaneshwar	<u>Pooja mali</u>	10
2216	Survase Apeksha Dilip	A.D. Survase	07
2345	Dalwale Asiya Nasir	<u>Dalwale</u>	08
2202	Aishwarya Raghunath Khare	A.R. Khare	05
2206	Sakshi Dhanaji Karande	Karande S.D.	11
2283	Harshada Shrimant Katre	<u>H.S. Katre</u>	06


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Suprise test

classmate
Date 4-12-2021
Page

Name : Sukshi Dhanaji Kazande

Class : BSC Ist year

Roll No : 2206

Sign : Kazande S.D.

11
15

1] → a] size and energy. ✓

2] → a] One ✓

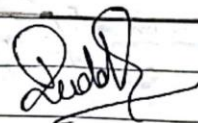
3] → c] high. ✓

4] → c] positively charge. ✓

5] → d] spherical shape. ✓

6] → c] Orientation. ✓

7] → c] p, dx^2-y^2, dz^2 ✓



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8] → ~~b] p orbitals~~ d] same.

9] → b] p orbitals

10] → d] ns^2, np^2

11] → b] F

12] → a] Increases.

13] → c] $Cl > F > Be > I$

14] → a] I^{3+} A group

15] → c] high.

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Department of Chemistry

Slow Learners

Unit Test

Class: B. Sc. I

Date: 04.12.2022



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College, Vidyanagar, Bhosare (Kurduwadi)

Department of Chemistry

List of Slow Learners

Class: B. Sc. II

Academic Year: 2021-2022

Sr. No.	Name of the Students
1.	Miss. Shaikh Muskan Mahamad
2.	Mr. Lakole Anand Ratilal
3.	Mr. Pawar Amar Khandu
4.	Mr. More Santosh Abhiman
5.	Mr. Bichitkar Rushikesh Ankush
6.	Mr. Kale Somnath Ajinath
7.	Mr. Talekar Swapnil Lahu
8.	Miss. Meher Nikita Subhash

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
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Department of Chemistry

List of Slow Learners

Class: B. Sc. II

Date: 20.06.2022

Sr. No.	Name of the Students	Marks
1.	Miss. Shaikh Muskan Mahamad	04
2.	Mr. Lakole Anand Ratilal	05
3.	Mr. Pawar Amar Khandu	03
4.	Mr. More Santosh Abhiman	04
5.	Mr. Bichitkar Rushikesh Ankush	06
6.	Mr. Kale Somnath Ajinath	03
7.	Mr. Talekar Swapnil Lahu	04
8.	Miss. Meher Nikita Subhash	03

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

Unit Test for Slow Learners

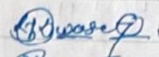
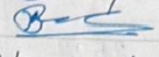

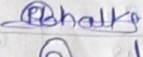
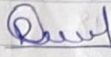
Class: B. Sc. II


Date: 20.06.2022

B.Sc II		20/06/2022	
Sl. No	Roll No	Student Name	20/06/22 Sign
1)	2522	Netake Vrushali Rajkumar	Vrushali
2)	2451	Langote Somnareti mahadev	Langote
3)	2506	Patil Krantiksha Kiran	Patil.k.k.
4)	2448	Deshmukh Shanti Sanjay	Deshmukh.
5)	2466	Tonape Aruna Rajaram	Tonape
6)	2454	Lenjare Aishwarya Yuvraj	Lenjare
7)	2496	Kadam Aakanksha Ramesh	A.R. Kadam
8)	2519	Shaikh Muskan Mahamadsharif	Shaikh
9)	2530	Wagh Shubhangi Satish	Wagh
10)	2488	Bagal Gauri Dilip	Bagal
11)	2489	Nalawade Harshada Hanumant	Nalawade
12)	2491	Pawar Anushka Mohan	Pawar
13)	2499	Bagal Shirani Vitthal	Bagal
14)	2505	Jamadar Ameen Ielibe	Jamadar
15)	2495	Gore Sayali Sayaji	Gore
16)	2461	Kale Neha Ganesh	Kale
17)	2457	Kale Nikita Ganesh	Kale
18)	2450	Godase Anjali Dilas	Godase
19)	2449	Mande prunjali Kalyan.	Mande
20)	2497	Pawar Akshay Dnyander	Pawar
21)	2493	Doke Shekhae Ashok	Doke
22)	2514	Mahesh Shamrao Kambre.	Mahesh
23)	2520	Bellkrushma vilas Khase	Bellkrushma
24)	2524	Bichitkar Rushikesh Ankush	Bichitkar
25)	2513	Lande Sudmita Sabadu	Lande
26)	2455	Pawar Amos Khondku	Pawar
27)	2494	Lokole Anand Ratilal	Lokole
28)	2456	Sandosh Abhiman more	S.m.more

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4

35)	2525	Suravase Rohit kemashwar	
36)	2526	kale somnath gijnath	
37)	2527	Talkekar Swapnil lahu	S.L. Talkekar
38)	2462	Bongale kishor Manik	
39)	2534	Bhalke Prasad Balu	
40)	2509	Awachar Rohidas Shivaji	



यशवंतराव चवण प्रतिष्ठान
 || विद्यया संपन्नता ||

Madha Taluka Shikshan Prasarak Mandal's
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Department of Chemistry

Unit Test for Slow Learners

Class: B. Sc. II

Date: 21.01.2022

Date - 21/01/2022

B.Sc. II Unit Test-2 Topic - Distribution Law

marks - 20

Q.1 Multiple choice question

① In the mathematic representation of distribution law i.e. $k = \frac{C_1}{C_2}$ the constant k is known as

① partition coefficient ② Distribution coefficient
③ Temperature coefficient
④ Both a & b

② If there is ----- of a solute in first solvent, the distribution law can be modified as, $k = \frac{C_1(1-x)}{C_2}$

① Extraction ② Dissociation
③ solvation ④ association

③ multiple extraction is ----- efficient as compare to single extraction

① more ② the same
③ less ④ none of these

④ The distribution law is applied in

① Haber process for manufacture of NH_3
② parker's process for the extraction of b
③ contact process for the manufacture of H_2SO_4
④ All of these

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⑤ ----- Liquid are the liquid which are not completely soluble into each other

① Heterogenous ② Homogenous
③ Immiscible ④ Both A & B

15 mark

Q.2. Answer any three of the following

① state vernst distribution law & what are the limitation of partition law

② Derive the relation $w_1^n = \left[\frac{kV_0}{kV_0 + nV_1} \right] w_1^0$

③ Explain the phenomenone of association & dissociation of solute in solvent

④ what do you mean by Extraction process. what are the application of Extraction process.

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Department of Chemistry

Unit Test Marklist

Class: B. Sc. II

Date: 21.01.2022

Bsc II
21/01/2022
Unit test
Distribution law

Sl. No	Roll No	Name	Sign	Marks	Percentage
1	2450	Godase Anjali Nilad	Godase	20	
2	2449	Mande Pranjali Kalyan	Mande	19	
3	2458	Ghuge Neha Dhanraj	N.D.G.	10	
4	2448	Deshmukh Shashi Sanjay	Deshmukh	05	
5	2522	Vrushali Rajkumar Netake	Vrushali	16	
6	2491	Pawar Anushka Mohan	Pawar	12	
7	2495	Gore Sayali Sanjay	Gore	19	
8	2496	Kadam Aakanksha Ramesh	A.R.Kadam	07	
9	2519	Ghaiskar Muskan Mahamadshah	Ghaiskar	10	
10	2506	Patil Krantika Kiron	Patil	01	
11	2505	Jamadar Apurva Jitendra	Jamadar	11	
12	2478	Ashwini Arjun Anantkulkarni	Ashwini	08	
13	2465	Bagal Rutuja Yuvraj	Bagal	07	
14	2454	Lengare Ashwarya Yuvraj	Lengare	08	
15	2488	Bagal Gauri Dilip	Bagal	19	
16	2530	Wagh Shubhangi Satish	Wagh	14	
17	2475	Kumbhar Anuradha Vishnu	Kumbhar	14	
18	2457	Kale Nikita Ganesh	Kale	18	
19	2461	Kale Neha Ganesh	Kale	16	
20	2467	Bagal Sakshi Dattatray	Bagal	07	
21	2468	Devkar Namrata Nitin	Devkar	03	
22	2476	Bagal Radhika Govardhan	Bagal	09	
23	2489	Gore Aditi Vijaykumar	Gore	08	
24	2499	Bagal Shirani Vitthal	Bagal	12	
25	2471	Lengare Samavati Mahadev	Lengare	08	
26	2466	Tonape Aruna Rajaram	Tonape	09	
27	2467	Dhore Rutuja Bhaskar	Dhore	08	
28	2533	Dixit Noopur Vinayak	dixit N.V.	14	
29	2521	Kane Bharnet Geetika	Kane	02	
30	2477	Awarhaz Akshay Vanshaj	Awarhaz	03	

No	Roll No	Name	Sign	Marks	Percentage
31	2494	Lakhe Anand Rati Lal	Lakhe	07	
32	2497	Pawar Peshay Dnyanesh	Pawar	08	
33	2534	Bhalke Prasad Balu	Bhalke	18	
34	2493	Doke Shekhar Ashok	Doke	03	
35	2490	Bagal Saurabh Subhash	Bagal	02	
36	2520	Khose Balkrishna Viley	Khose	05	
37	2470	Gaikwad Kananraje Tanaji	Gaikwad	00	
38	2503	Awachar Rohidas Shivaji	Awachar	09	
39	2452	More Vishal Navanath	More	04	
40	2486	More Santosh Abhiman	More	08	
41	2455	Pawar Aron Rhandu	Pawar	09	
42	2473	MISAL ANKESH PRAKASH	MISAL	02	
43	2526	Kale Somnath Ajinath	Kale	01	
44	2453	Mande Sudarshan Navanath	Mande	02	

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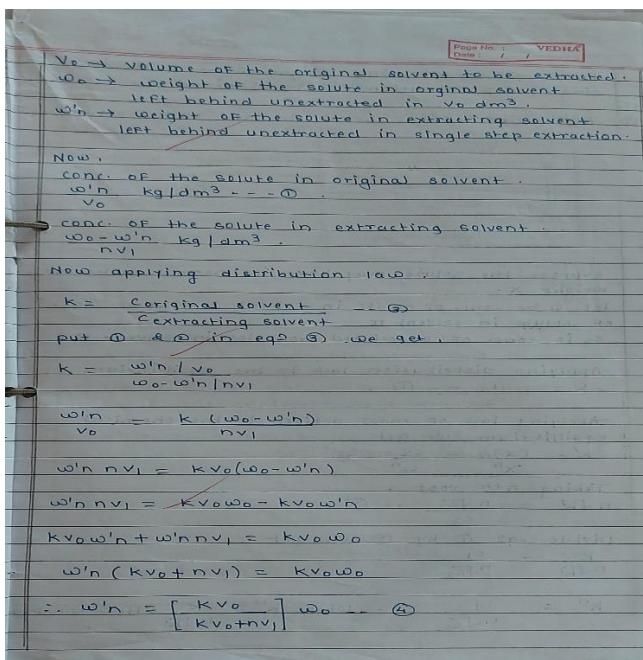
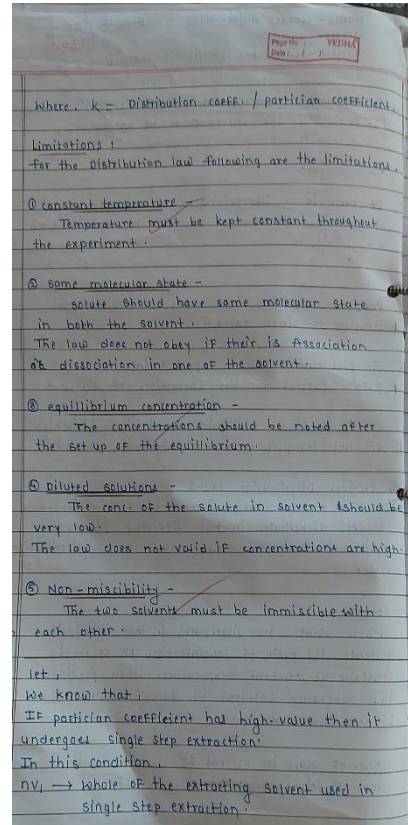
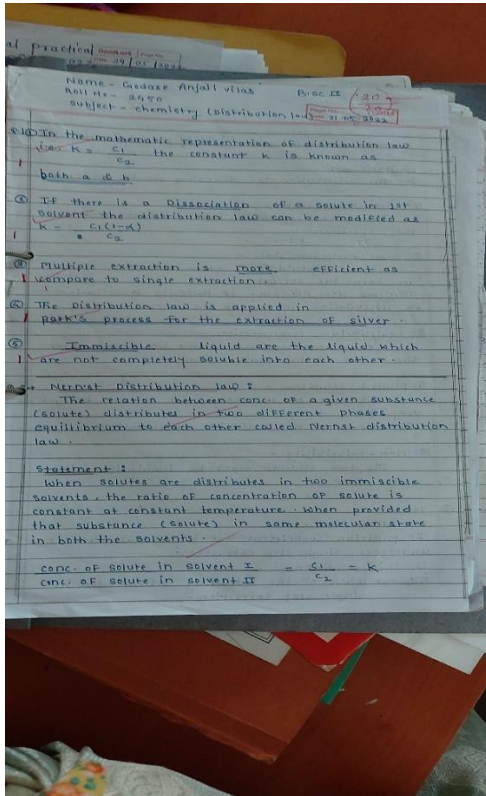
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Department of Chemistry

Sample Answer Sheet

Class: B. Sc. II

Date: 21.01.2022



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Department of Chemistry

List of Slow Learners

Class: B. Sc. III

Academic Year: 2021-2022

Sr. No.	Name of the Students
1.	Mr. Bhange Yogesh Sharad
2.	Mr. Chendekar Dayanand Nath
3.	Mr. Kasar Abhijit Vilas
4.	Mr. Deshmukh Rohit Shivaji
5.	Mr. More Prakash Suresh
6.	Mr. Pawar Sujit Rajendra
7.	Mr. Talekar Somnath Dattatray

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Department of Chemistry

List of Slow Learners

Class: B. Sc. III

Academic Year: 2021-2022

Sr. No.	Name of the Students	Marks
1.	Mr. Bhangе Yogesh Sharad	06
2.	Mr. Chandekar Dayanand Nath	05
3.	Mr. Kasar Abhijit Vilas	07
4.	Mr. Deshmukh Rohit Shivaji	07
5.	Mr. More Prakash Suresh	05
6.	Mr. Pawar Sujit Rajendra	06
7.	Mr. Talekar Somnath Dattatray	04

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Department of Chemistry

Laboratory Skills for Slow Learners

Class: B. Sc. III

Academic Year: 2021-2022



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Class: B. Sc. III

Academic Year: 2021-2022

Unit Test

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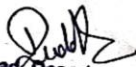
B.Sc. III
Unit test - 1
Spectroscopy,

D-14/05/22

Mark - 20

Solve any four out of five.

- Q.1. Give the significance of Raman spectra. Discuss in details.
- Q.2. Explain in brief, overtone bands
- Q.3. Describe briefly the rotational spectra of diatomic molecules.
- Q.4. Explain the term i) wavelength ii) frequency
iii) wave numbers \rightarrow How are they interrelated?
- Q.5. Explain rule of mutual exclusion with respect to CO_2 molecules.


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B.Sc. III

D. 14/05/22

Unit test - 1

Topic :- Spectroscopy

Sr. No.	Roll No.	Name	Sign	Mark
1)	2775	Bhosale Atul Nivlutfi	<u>Atul</u>	10
2)	2746	Devkar Sachin Baliram	<u>Devkar</u>	- 11
3)	2694	Talekar Somnath Datturaj	<u>Talekar</u>	- 04
4)	2760	Bhange Yogesh Sharad	<u>Yesh</u>	- 06
5)	2712	Chandekar Dayanand Nath	<u>Chandekar</u>	- 05
6)	2762	Kosar Abhijit Vilas	<u>A.V.Kosar</u>	- 07
7)	2711	Kadam Nikhil Vikas	<u>Nikad</u>	- 18
8)	2706	Bagal Mahendra Mansing	<u>MMB</u>	- 12
9)	2707	Padule Vaibhaw Arjun	<u>Padule</u>	- 09
10)	2769	Kamble Komal Laxman	<u>Kamble</u>	- 10
11)	2749	Wagaj Aishwarya Shivaji	<u>Aishwarya</u>	- 17
12)	2687	Kashid Kajal Ajinath	<u>Kajal</u>	- 12
13)	2690	Talekar Pooja Bapurao	<u>Talekar</u>	- 16
14)	2692	Shaikh Sabiya Salim	<u>Shaikh</u>	- 19
15)	2691	Talekar Komal Kalidas	<u>Talekar</u>	- 13
16)	2698	ANARAE Anuic Dhahaji	<u>A.D.ANARAE</u>	- 11
17)	2689	Bharate Gauri Balasaheb	<u>G.Bharate</u>	- 12
18)	2688	Kanhere Pradnya Satish	<u>P.Kanhere</u>	- 11
19)	2772	Bhagwat Dipali Sanjay	<u>D.S.Bhagwat</u>	- 18
20)	2744	Parbat Pragati Mahadev	<u>Parbat</u>	- 19
21)	2683	Kanhere Sazika Satish	<u>Sazika</u>	- 18
22)	2794	Pawar Sujit Rajendra	<u>SPawar</u>	- 06
23)	2750	Deshmukh Rohit Shivaji	<u>R.S.Deshmukh</u>	- 07
24)	2751	Kshirsagar Namdev Datturaj	<u>Namdev</u>	- 14
25)	2764	More Prakash Suresh	<u>P</u>	- 05

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Year 2021-2022

Department of Zoology Advance and Slow learner Program

- Identifying advance and slow learners
- Department of Zoology identifies the advance and slow learners by following methods
 - 1) Last year semester/University/ board result of the student
 - 2) Through performance of the student in unit/class/CA tests
 - 3) During the classroom teaching by interacting with the students
 - 4) By learning speed of the student, involvement in classroom and involvement in various activities
- **Special Programs for Advance Learners**
 - 1) Tests, group discussion, debate are organized for them to sharpen their skills
 - 2) They are encouraged to participate in state/ national level seminars and conferences
 - 3) They are encouraged to participate in various competitions.
 - 4) Advance reference books related to the subject are provided to them.
- **Special Programs for the Slow learners**
 - 1) These students are provided special guidance through extra lectures and revision of some tough topics.
 - 2) These students are provided with question banks, previous university question papers, hard copies notes, notes in soft copies through blog, google classroom, whats app etc.
 - 3) Remedial coaching organized for them.

Common programs for both advance and slow learners

- 1) Guest lecturer and personal counseling

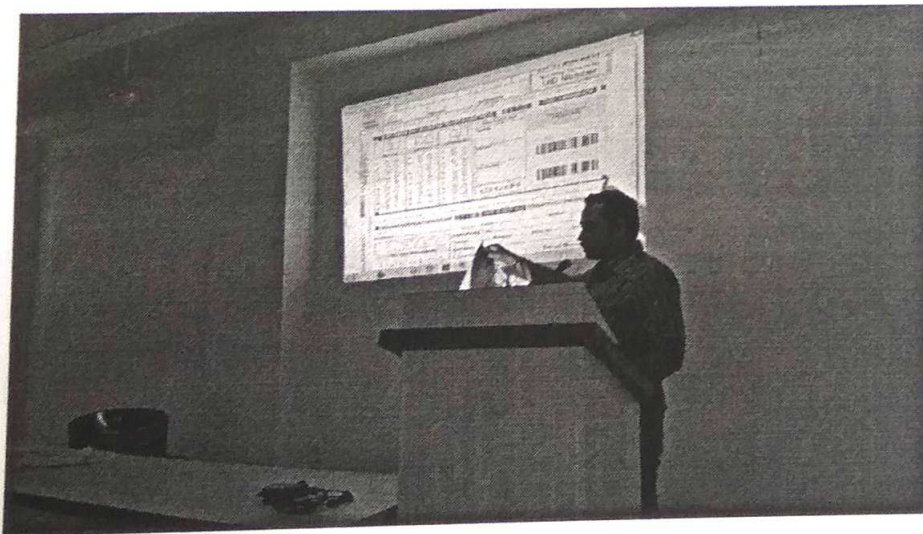


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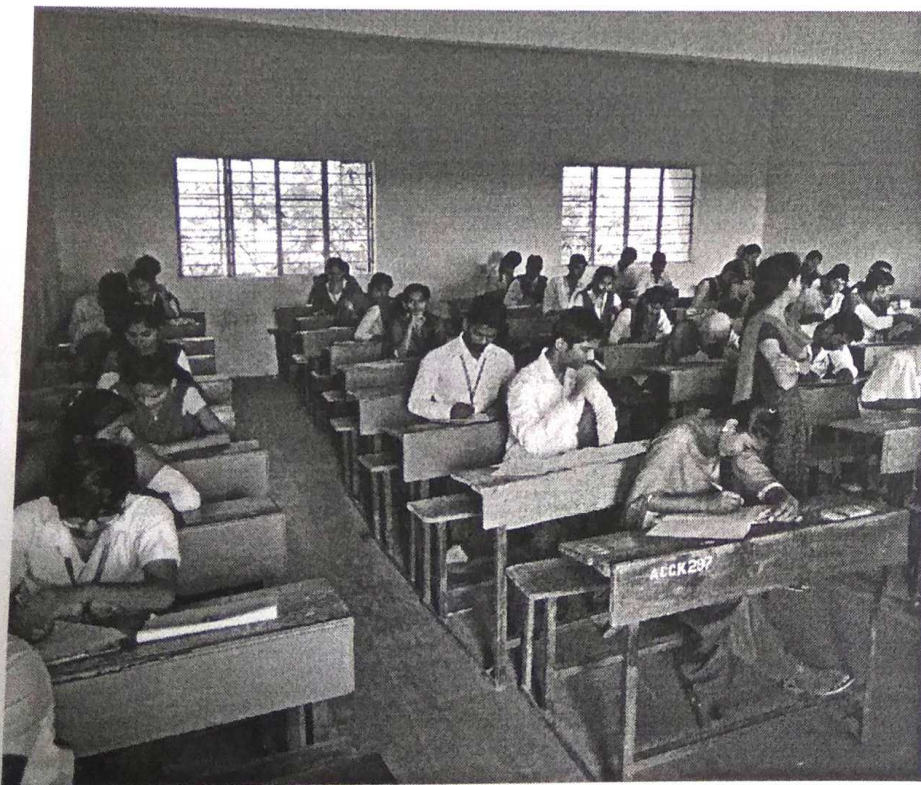
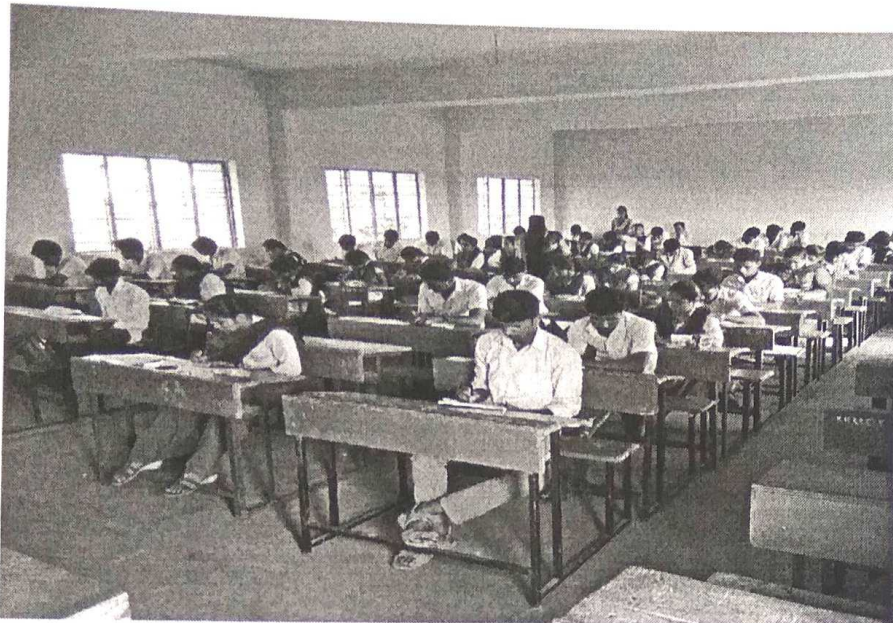
Unit test for slow learners -



University Previous question paper discussion



Unit test for the slow learners students –



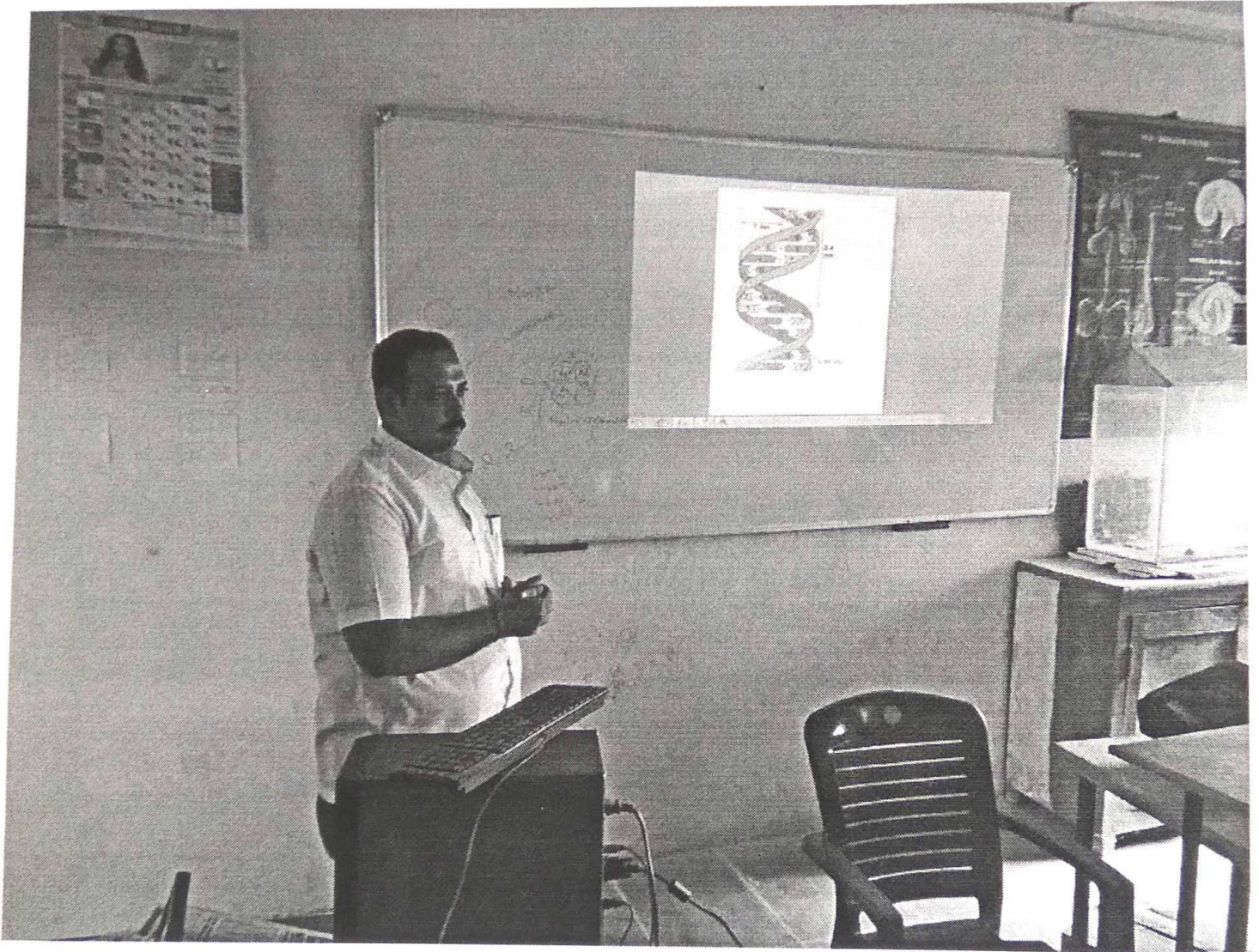
Dr. S. S. Kshirsagar

Baum

Principal

K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

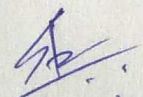
Extra Lecture by using LCD for better understanding the concept –




MadhaTalukaShikshanPrasarakMandal's
**K N. Bhise Arts, Commerce and VinayakraoPatil
Science College, Vidyanagar, Bhosare**
Fundamentals of Biochemistry

Test for Slow Learner 2021-2022

- 1) Which of the following is not a type of white blood corpuscle.
a) Eosinophil b) Basophil c) Neutrophil d) Glial cell
- 2) is also called as equational cell division.
a) Meiosis b) Mitosis c) Cryptokinesis d) Apoptosis
- 3) Synthesis of DNA takes place in phase of cell cycle.
a) G₀ phase b) M phase c) S phase d) G₁ phase
- 4) The number of chromosomes a child with Down syndrome has is.....
a) 45 b) 46 c) 47 d) 44
- 5) Genetic ratio obtained after supplementary gene interactions is
a) 9:3:3:1 b) 9:3:4 c) 9:7 d) 9:6
- 6) Repulsion and coupling are two faces of.....
a) mutation b) cancer c) linkage d) apoptosis
- 7) If the percentage of crossing over between two genes is 10, then the distance between two genes will be
a) 5 morganoid b) 10 centimorgans c) 20 centimorgans d) 40 map units
- 8) The type of sugar in DNA is
a) triose b) tetrose c) pentose d) hexose
- 9) In a peptid, bond between amino acids called?
a) Ionic bond b) Acidic bond c) Peptide bond d) Hydrogen bond
- 10) Name the RNA molecules which is used to carry genetic information copied from DNA?
a) tRNA b) mRNA c) rRNA d) sndRNA


Teacher Incharge


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Science College, Vidyanagar, Bhosare**

B.Sc. II Fundamentals Of Biochemistry 2021-2022

Slow Learner Test Marks

Sr.No	Name of the student	Marks
1.	NIMBALKAR SHIVANI LAXMAN	15
2.	PATHAK MAYURI BHASKAR	14
3.	KAMBALE PUNAM MARUTI	13
4.	LONDHE MADHURI YASHWANT	15
5.	KADAM ANJALI SHRIRAM	14
6.	TALEKAR ADITYA DILIP	12
7.	KAMBLE VAISHNAVI LAXMAN	13
8.	MANERI AAWESH ANWER	13
9.	SALVE AKSHATA ASHOK	13
10.	KABADE SIDDHESHWAR SHIVAJI	13
11.	KUMBHAR VISHAL ARJUN	13
12.	GADE ARTI RAJU	13
13.	RANDIVE SHITAL DATTATRAY	13
14.	PARBAT PRAGATI MAHADEV	13
15.	KANADE PRATAP AJINATH	15
16.	MATE PRITI RAJENDRA	15
17.	WAGAJ AISHWARYA SHIVAJI	16
18.	LENDAVE SIDDHESHWAR DAGADU	12
19.	MANE TAJASKUMAR POPAT	15
20.	TONGALE OMKAR SUHAS	14
21.	MULE PRASHANT DATTATRAY	17
22.	TONAPE KSHTIJ SANJAY	15
23.	MAHADIK ANURADHA VIJAY	15
24.	DHERE RANI PARMESHWAR	17
25.	KANHERE SARIKA SATISH	17
26.	KSHIRSAGAR SANIYA RAJARAM	15

Ab.
Teacher Incharge


Barry
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**K N. Bhise Arts, Commerce and VinayakraoPatil
Science College, Vidyanagar, Bhosare**

Test for Advance Learner

Fundamentals of Biochemistry Year 2021-2022


- 1) Which of the following statements is true about proteins?
a) Proteins are polymers of glucose b) Proteins are polymers of amino acids
c) Proteins are polymers of peptic bonds d) Proteins are polymers of disulfide
- 2) ----- type of RNA molecules which is used to carry genetic information copied from DNA?
a) tRNA b) mRNA c) rRNA d) sndRNA
- 3) _____ RNA version of the gene that travel from cell nucleus and moves to the cytoplasm where proteins are made.
a) mRNA b) rRNA c) tRNA d) eRNA
- 4) The backbone of the DNA strand is made from alternating phosphate and groups.
a) protein b) sugar c) lipid d) liposomes
- 5) About 75% of serum antibodies in humans are ----- is the most common type of antibody found in blood circulation.
a) IgG b) IgA c) IgM d) IgD
- 6) Ais the sugar formed when many sugar molecules are joined by glycosidic linkage.
a) disaccharide b) monosaccharide c) polysaccharides d) protein
- 7) In DNA the purine adenine (A) always pairs with the pyrimidine.....
a) thymine (T) b) adenine (A) c) cytosine (C) d) guanine (G)
- 8) ----- is a Y-shaped protein used to identify and neutralize foreign objects such as pathogenic bacteria and viruses.
a) Hormone b) Immunoglobulin c) Antigen d) Ligand
- 9) DNA model proposed by Watson and Crick in 1953 is ----- type?
a) B-DNA b) Z-DNA c) A-DNA d) Quadraplex DNA
- 10) ----- bond is present between chain amino acids?
a) Ionic bond b) Acidic bond c) Peptide bond d) Hydrogen bond



Teacher Incharge

**K N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare**
B.Sc. II Fundamentals Of Biochemistry 2021-2022

Advance Learner Test

Sr.No	Name of the student	Marks
1	SHINDE PRASHANT PANDHARINATH	18
2	KALE RUSHIKESH SUGRIV	19
3	MORE PRAKASH SURESH	2019
4	KSHIRSAGAR NAMDEV DATTATRAY	19
5	KAMBLE SNEHA KISAN	18
6	KOLI PRATIKSHA GANESH	18
7	UBALE PRATHAMESH PRAKASH	19
8	PAWAR SUJIT RAJENDRA	19
9	SATHE SANGESH MEGHRAJ	18
10	DESHMUKH ROHIT SHIVAJI	18
11	NIMBALKAR SHIVANI LAXMAN	19
12	PATHAK MAYURI BHASKAR	20
13	KAMBALE PUNAM MARUTI	20
14	LONDHE MADHURI YASHWANT	18
15	KADAM ANJALI SHRIRAM	18
16	TALEKAR ADITYA DILIP	18
17	KAMBLE VAISHNAVI LAXMAN	17
18	MANERI AAWESH ANWER	18
19	SALVE AKSHATA ASHOK	19
20	KABADE SIDDHESHWAR SHIVAJI	20
21	KUMBHAR VISHAL ARJUN	19
22	GADE ARTI RAJU	20
23	RANDIVE SHITAL DATTATRAY	20
24	PARBAT PRAGATI MAHADEV	20
25	KANADE PRATAP AJINATH	18
26	MATE PRITI RAJENDRA	18
27	WAGAJ AISHWARYA SHIVAJI	18
28	LENDAVE SIDDHESHWAR DAGADU	18
29	MANE TAJASKUMAR POPAT	19
30	TONGALE OMKAR SUHAS	18
31	MULE PRASHANT DATTATRAY	18
32	TONAPE KSHTIJ SANJAY	17


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Madha Taluka Shikshan Prasarak Mandal's
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Vidyanagar, Bhosare.**

Department of Mathematics

Students Seminar for Advance Learner

Department of Mathematics initially identifies the advanced learners by using following methods.

- The last year/ Semester University/ board result of the student.
- Through the performance of the student in Unit Test / Class/ CA Tests.
- During the classroom teaching by interchanging with the students.

Programmes for Advance Learners

1. Students Seminars are organised by the department
2. The advanced reference books related to the subject are provided to them.
3. They are encouraged to participate in General Knowledge Quiz Competitions organised at state / National level

Madha Taluka Shikshan Prasarak Mandal's,
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Department of Mathematics
List of Advance Learner (2021-22)

Class:-B.Sc.-II

Sr. No.	Roll No.	Name of Student
1	2449	Mande Pranjali Kalyan
2	2450	Godase Anjali Vilas
3	2457	Kale Nikita Ganesh
4	2461	Kale Neha Ganesh
5	2475	Kumbhar Anuradha Vishnu
6	2485	Patil Shubham Ganesh
7	2486	Gidde Nikita Sanjay
8	2501	Gore Dattatray Ramchandra
9	2502	More Om Shahaji
10	2507	Ghuge Vaishnavi Khandu
11	2520	Khare Balkrushna Vilas
12	2528	Wagaj Sumeet Rahul
13	2530	Wagh Shubhangi Satish

(Signature)
(Mr. V. S. Shinde)

(Signature)
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Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
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Department of Mathematics
(2021-22)
Seminars
Attendance and Mark sheet

Class:-B.Sc.-II

Marks:-10

Sr. No.	Roll No.	Name Of Student	Topic of Seminar	Date	Signature
1	2449	Mande Pranjali Kalyan	Sol ⁿ of linear eq ⁿ of second order when one sol ⁿ known from complementary function	16/06/22	<u>Pkmande</u>
2	2450	Godase Anjali Vilas	Solution of linear equation of second order by change of dependent variable method.	16/06/22	<u>Godase</u>
3	2457	Kale Nikita Ganesh	Solution of linear eq ⁿ of second order by change of independent variable	16/06/22	<u>NKale</u>
4	2461	Kale Neha Ganesh	Homogeneous Equation	16/06/22	<u>NKale</u>
5	2475	Kumbhar Anuradha Vishnu	Solvable for P	17/06/22	<u>AKumbhar</u>
6	2485	Patil Shubham Ganesh	Reducible to Clairaut's equation	17-6-22	<u>PS</u>
7	2486	Gidde Nikita Sanjay	Solvable for y	17-6-22	<u>Didde</u>
8	2501	Gore Dattatray Ramchandra	Total differential Eq ⁿ	17-6-22	<u>D.R.Gore</u>



ayyash
(Mr. V.S. Shinde)

9	2502	More Om Shahaji	Simultaneous Equation	17-06-22	Ambedkar
10	2507	Ghuge Vaishnavi Khandu	Solvable for x	16-06-22	V. S. Shinde
11	2520	Khare Balkrushna Vilas	Clairaut's Equation	17-06-22	Phose
12	2528	Wagaj Sumeet Rahul			AB
13	2530	Wagh Shubhangi Satish	Reducible to Homogenous Equation	16-6-22	Shinde

~~Ambedkar~~
(Mr. V. S. Shinde)

~~Ambedkar~~
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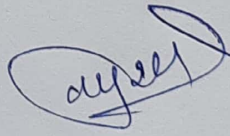
Department of Mathematics

Class:-B.Sc.-II

Seminar Evaluation Report

(2021-22)

Sr. No.	Roll No.	Name of Student	Introduction	Seminar Preparation	Subject Knowledge	Presentation	Fluency in English	Total Marks	
1	2449	Mande Pranjali Kalyan	02	02	02	02	02	10	✓
2	2450	Godase Anjali Vilas	02	02	02	02	02	10	✓
3	2457	Kale Nikita Ganesh	02	02	02	02	02	10	✓
4	2461	Kale Neha Ganesh	02	02	02	02	02	10	✓
5	2475	Kumbhar Anuradha Vishnu	02	02	02	01	02	09	✓
6	2485	Patil Shubham Ganesh	02	02	02	01	01	08	✓
7	2486	Gidde Nikita Sanjay	02	02	02	01	02	09	✓
8	2501	Gore Dattatray Ramchandra	02	02	02	01	01	08	✓
9	2502	More Om Shahaji	02	02	02	01	01	08	
10	2507	Ghuge Vaishnavi Khandu	02	02	02	02	02	10	✓
11	2520	Khare Balkrushna Vilas	02	02	02	01	01	08	✓
12	2528	Wagaj Sumeet Rahul						AB	
13	2530	Wagh Shubhangi Satish	02	02	02	02	02	10	✓


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Seminar

Date: / /

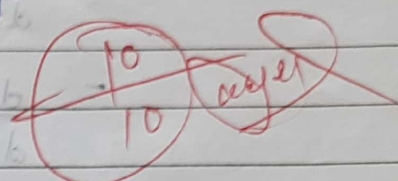
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Name of student - Mande pranjali Kalyan

Sub - Mathematics

Class - B.Sc. II

Date - 16/06/2022



The General solution of $F(b)y = R$
[When one solution of $F(b)y = 0$ is known]

Let $y = u$ be known solution of the complementary function of the equation

$$\frac{d^2y}{dx^2} + P \frac{dy}{dx} + Qy = R \quad \text{--- (1)}$$

i.e. $y = u$ is known solution of $F(b)y = 0$

$$\text{i.e. } \frac{d^2y}{dx^2} + P \frac{dy}{dx} + Qy = 0 \quad \text{--- (2)}$$

i.e. u satisfied equation (2)

$$\frac{d^2u}{dx^2} + P \frac{du}{dx} + Qu = 0 \quad \text{--- (3)}$$

The complete solution of equⁿ (1) can be determined in terms of u

Let, $y = uv$ --- (4) be the complete solution of equation (1)

where v is to be determined

Now,

$$y = uv$$

DIFF. w.r.t. x

$$\frac{dy}{dx} = u \frac{dv}{dx} + v \frac{du}{dx} \quad \text{--- (5)}$$

$$\frac{d^2y}{dx^2} = \frac{d}{dx} \left[\frac{dy}{dx} \right]$$

$$= \frac{d}{dx} \left[u \frac{dv}{dx} + v \frac{du}{dx} \right]$$

$$= \frac{d}{dx} \left[u \frac{dv}{dx} \right] + \frac{d}{dx} \left[v \frac{du}{dx} \right]$$

$$\frac{d^2y}{dx^2} = u \frac{d^2v}{dx^2} + \frac{du}{dx} \cdot \frac{dv}{dx} + \frac{dv}{dx} \cdot \frac{du}{dx} + v \frac{d^2u}{dx^2}$$

$$\frac{d^2y}{dx^2} = u \frac{d^2v}{dx^2} + 2 \frac{du}{dx} \cdot \frac{dv}{dx} + v \frac{d^2u}{dx^2} \quad \text{--- (6)}$$

put the value of y , $\frac{dy}{dx}$, $\frac{d^2y}{dx^2}$ (using eqn (4), (5), (6))

in eqn (1)

$$u \frac{d^2v}{dx^2} + 2 \frac{du}{dx} \cdot \frac{dv}{dx} + v \frac{d^2u}{dx^2} + P \left[u \frac{dv}{dx} + v \frac{du}{dx} \right] + Q[uv] = R$$

$$u \frac{d^2v}{dx^2} + \left[2 \frac{du}{dx} + Pu \right] \frac{dv}{dx} + \left[\frac{d^2u}{dx^2} + P \frac{du}{dx} + Qu \right] v = R$$

$$\left(\frac{d^2u}{dx^2} + P \frac{du}{dx} + Qu = 0 \right)$$

using eqn (3)

$$u \frac{d^2v}{dx^2} + \left[2 \frac{du}{dx} + Pu \right] \frac{dv}{dx} = R$$

Divide both side by u

$$\frac{d^2v}{dx^2} + \left[\frac{2}{u} \frac{du}{dx} + P \right] \frac{dv}{dx} = \frac{R}{u}$$

$$\frac{d^2v}{dx^2} + \left[P + \frac{2}{u} \frac{du}{dx} \right] \frac{dv}{dx} = \frac{R}{u} \quad \text{--- (7)}$$

put $\frac{dv}{dx} = \rho$

Diff. w.r.t. x
 $\frac{d^2v}{dx^2} = \frac{d\rho}{dx}$

Now, equation (7) becomes

$$\frac{dy}{dx} + \left[p + \frac{2}{u} \frac{du}{dx} \right] y = \frac{R}{u} \quad \text{--- (8)}$$

Which is linear differential equation of first order and first degree in variable x , y

i.e. $\frac{dy}{dx} + py = Q$ --- (9)

We know solⁿ of (9)

$$y \cdot (I.F) = \int Q \cdot (I.F) dx + c$$

$$I.F = e^{\int p dx}$$

solution of eqⁿ (8)

$$y \cdot (I.F) = \int \frac{R}{u} \times (I.F) dx + c \quad \text{--- (10)}$$

Where $I.F = e^{\int \left(p + \frac{2}{u} \frac{du}{dx} \right) dx}$

$$= e^{\int \left[p dx + \frac{2}{u} \frac{du}{dx} dx \right]}$$

$$= e^{\int \left[p dx + \frac{2}{u} du \right]}$$

$$= e^{\int p dx + 2 \int \frac{1}{u} du}$$

$$= e^{\int p dx + 2 \log u}$$

$$= e^{\int p dx} \cdot e^{2 \log u}$$

$$= e^{\int p dx} \cdot u^2$$

$$I.F = u^2 \cdot e^{\int p dx} \quad \text{--- (11)}$$

(4)

Now, eqⁿ (1) becomes

$$IP \cdot u^2 \cdot e^{\int P dx} = \int \frac{R}{u} \cdot u^2 \cdot e^{\int P dx} dx + c$$

$$IP \cdot u^2 \cdot e^{\int P dx} = \int Ru \cdot e^{\int P dx} dx + c$$

Divide both side by $u^2 \cdot e^{\int P dx}$

$$IP = \frac{1}{u^2 \cdot e^{\int P dx}} \int Ru \cdot e^{\int P dx} dx + \frac{c}{u^2 \cdot e^{\int P dx}}$$

But, $IP = \frac{dv}{dx}$

$$\frac{dv}{dx} = \frac{e^{-\int P dx}}{u^2} \int Ru \cdot e^{\int P dx} dx + c \cdot \frac{e^{-\int P dx}}{u^2}$$

on integrating

$$v = \int \frac{e^{-\int P dx}}{u^2} \left[\int Ru \cdot e^{\int P dx} dx \right] dx + c \int \frac{e^{-\int P dx}}{u^2} dx + c_1$$

Now eqⁿ (4) becomes

$$y = uv$$

$$y = u \left[\int \frac{e^{-\int P dx}}{u^2} \left(\int Ru \cdot e^{\int P dx} dx \right) dx + c \int \frac{e^{-\int P dx}}{u^2} dx + c_1 \right]$$

$$y = u \int \frac{e^{-\int P dx}}{u^2} \left[\int Ru \cdot e^{\int P dx} dx \right] dx + cu \int \frac{e^{-\int P dx}}{u^2} dx + c_1 u$$

Which is the complete solution of eqⁿ (1)

Ex- solve $x \frac{d^2y}{dx^2} - 2(x+1) \frac{dy}{dx} + (x+2)y = (x-2)e^{2x}$

→ Given, $x \frac{d^2y}{dx^2} - 2(x+1) \frac{dy}{dx} + (x+2)y = (x-2)e^{2x}$ — (1)

Divide both side by x

$$\frac{d^2y}{dx^2} - 2 \frac{(x+1)}{x} \frac{dy}{dx} + \frac{(x+2)}{x} y = \frac{(x-2)}{x} e^{2x}$$

$$\frac{d^2y}{dx^2} - 2 \left[1 + \frac{1}{x} \right] \frac{dy}{dx} + \left[1 + \frac{2}{x} \right] y = \left[1 - \frac{2}{x} \right] e^{2x}$$

Which is in the form

$$\frac{d^2y}{dx^2} + P \frac{dy}{dx} + Qy = R$$

$$P = -2 \left[1 + \frac{1}{x} \right] = -2 - \frac{2}{x}$$

$$Q = \left[1 + \frac{2}{x} \right]$$

$$R = \left[1 - \frac{2}{x} \right] e^{2x}$$

Here, $1 + P + Q = 0$
 $1 - 2 - \frac{2}{x} + 1 + \frac{2}{x} = 0$

~~$1 + P + Q = 0$~~

$y = u = e^x$

is the one known solution of complementary function of eqⁿ (1)

put $y = uv$
 $y = e^x v$

then it reduces

$$\frac{d^2v}{dx^2} + \left(P + 2 + \frac{du}{u dx} \right) \frac{dv}{dx} = \frac{R}{u}$$

$$u = x e^{2x}$$

$$\frac{du}{dx} = e^{2x}$$

Now, above eqⁿ becomes

$$\frac{d^2v}{dx^2} + \left[-2 - \frac{2}{x} + \frac{2}{x} \cdot e^{2x} \right] \frac{dv}{dx} = \left(1 - \frac{2}{x} \right) \frac{e^{2x}}{e^{2x}}$$

$$\frac{d^2v}{dx^2} + \left[-2 - \frac{2}{x} + 2 \right] \frac{dv}{dx} = \left(1 - \frac{2}{x} \right) \frac{e^{2x}}{e^{2x}}$$

$$\frac{d^2v}{dx^2} - \frac{2}{x} \frac{dv}{dx} = \left(1 - \frac{2}{x} \right) e^{2x} \quad \text{--- (2)}$$

$$\frac{dv}{dx} = IP$$

$$\frac{d^2v}{dx^2} = \frac{dIP}{dx}$$

Now eqⁿ (2) becomes

$$\frac{dIP}{dx} - \frac{2}{x} IP = \left(1 - \frac{2}{x} \right) e^{2x} \quad \text{--- (3)}$$

Which is first order and first degree linear diff. equation

$$\frac{dy}{dx} + Py = Q$$

solution of above eqⁿ

$$y(I.F) = \int Q(I.F) dx + c$$

$$I.F = e^{\int P dx}$$

solution of eqⁿ (3)

$$IP(I.F) = \int \left(1 - \frac{2}{x} \right) e^{2x} \cdot I.F dx + c \quad \text{--- (4)}$$

$$I.F = e^{\int P dx}$$

$$I.F = e^{\int -\frac{2}{x} dx}$$

$$= e^{-2 \int \frac{1}{x} dx}$$

$$= e^{-2 \log x}$$

$$= e^{\log x^{-2}}$$

$$I.F = x^{-2}$$

$$IP x^{-2} = \int \left(1 - \frac{2}{x}\right) e^x \cdot x^{-2} dx + c$$

$$\frac{IP}{x^2} = \int e^x \left(\frac{1}{x^2} - \frac{2}{x^3}\right) dx + c$$

$$\text{using } \int e^x [f(x) + f'(x)] dx = e^x f(x)$$

$$f(x) = \frac{1}{x^2} = x^{-2}$$

$$f'(x) = -2x^{-3}$$

$$f'(x) = \frac{-2}{x^3}$$

$$\frac{IP}{x^2} = e^x \cdot \frac{1}{x^2} + c$$

$$IP = e^x + cx^2$$

$$\text{But } IP = \frac{dv}{dx}$$

$$\frac{dv}{dx} = e^x + cx^2$$

$$dv = (e^x + cx^2) dx$$

on integrating

$$v = e^{2x} + \frac{c_2 e^3}{3} + c_1$$

$$y = uv$$

$$y = e^{2x} \left[e^{2x} + \frac{c_2 e^3}{3} + c_1 \right]$$

$$y = e^{2x} + \frac{c_2 e^3}{3} e^{2x} + c_1 e^{2x}$$

Which is the complete solution of eqⁿ ①



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Department of Mathematics

Slow and Advance Learner

Identifying Slow and Advance Learner

Department of Mathematics initially identifies the advanced and slow learners by using following methods.

- The last year/ Semester University/ board result of the student.
- Through the performance of the student in Unit Test / Class/ CA Tests.
- During the classroom teaching by interchanging with the students.

Programmes for Slow Learners

1. These students are provided special guidance after lectures with informal meeting with the teachers of the department.
2. These students are provided with Question Banks and notes in hard copies as well as in soft copies through Blogs, Whats App Groups etc.
3. Remedial coaching classes are organized for them.
4. Teachers ask slow learners to solve the question papers of the previous semester.

Programmes for Advance Learners

1. The advanced reference books related to the subject are provided to them.
2. They are encouraged to participate in General Knowledge Quiz Competitions organised at state / National level

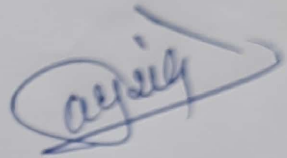
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Vidyanagar, Bhosare.


Date:-20/04/2022

Department of Mathematics
Remedial Classes for Slow Learners

Notice

All the students from B.Sc.-I class are here by informed that Department of Mathematics is going to organize the Remedial Classes on Geometry Paper. These classes will be started from 18/04/2022 to 23/04/2022. Attendance is compulsory for Classes.


(Mr. V. S. Shinde)


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K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

Date:-20/04/2022

Department of Mathematics

Remedial Classes for B.Sc.-I

(18/04/2022 to 23/04/2022)

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	8.00 a.m. to 8.48 a.m.						
2	8.48 a.m. to 9.36 a.m.						
3	9.36 a.m. to 10.24 a.m.						
4	10.24 a.m. to 11.12 am						
5	11.32 a.m. to 12.2 p.m.						
6	12.20 p.m. to 1.08 p.m.						
7	1.08 p.m. to 1.56 p.m.						
8	1.56 p.m. to 2.44 p.m.	B.Sc.-I	B.Sc.-I	B.Sc.-I	B.Sc.-I	B.Sc.-I	B.Sc.-I
9	3.00 p.m. to 3.50 p.m.						

ajit
(Mr. V.S. Shinde)

Bans
I/C Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

List of Slow Learners
(2021-22)

Subject:-Mathematics

Class:-B.Sc.-I

Sr. No.	Roll No.	Name of the Student
1	2202	Khare Aishwarya Raghunath
2	2204	Lokhande Suyash Santosh
3	2205	Londhe Rutika Popat
4	2206	Karande Sakshi Dhanaji
5	2213	Patkulkar Pankaj Chandrakant
6	2217	Patil Mayuri Dadasaheb
7	2242	More Suksena Shivaji
8	2249	Shinde Dhairyashil Satish
9	2262	Gude Aniket Appasaheb
10	2268	Kharwade Swapnil Tukaram
11	2275	Satav Shubham Sandipan
12	2276	Yadav Rohan Vitthal
13	2306	Sawant Rushikesh Dattatray
14	2308	Kale Vaishnavi Ramesh
15	2312	Nalwade Varsha Khandu
16	2314	Ganage Vidya Krushna
17	2321	Londhe Ganesh Hambirao
18	2329	Raut RohiniPandurang
19	2331	Kute Pratik Vasant
20	2333	Kothavale Rohit Dhondiram

(Signature)
(Mr. V. S. Shinde)

(Signature)
Principal

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Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare.

Remedial Classes for slow Learners (201-22)
Subject:-Mathematics

Class:-B.Sc.-I

Paper No.:- Geometry

Sr. No.	Roll No.	Name of Student	18/04/22	19/04/22	20/04/22	21/04/22	22/04/22	23/04/22
1	2202	Khare Aishwarya Raghunath	A.R.Khare	A.R.Khare	A.R.Khare	A.R.Khare	A.R.Khare	A.R.Khare
2	2204	Lokhande Suyash Santosh	S. Lokhande	S. Lokhande	S. Lokhande	S. Lokhande	S. Lokhande	S. Lokhande
3	2205	Londhe Rutika Popat	R.P. Londhe	R.P. Londhe	R.P. Londhe	R.P. Londhe	R.P. Londhe	R.P. Londhe
4	2206	Karande Sakshi Dhanaji	Karandes.D	Karandes.D	Karandes.D	Karandes.D	Karandes.D	Karandes.D
5	2213	Patkulkar Pankaj Chandrakant	PKP	PKP	PKP	PKP	PKP	PKP
6	2217	Patil Mayuri Dadasaheb	M Patil	M Patil	M Patil	M Patil	M Patil	M Patil
7	2242	More Suksena Shivaji	S.S. more	S.S. more	S.S. more	S.S. more	S.S. more	S.S. more
8	2249	Shinde Dhairyashil Satish	Shinde DS	Shinde DS	Shinde DS	Shinde DS	Shinde DS	Shinde DS
9	2262	Gude Aniket Appasaheb	Gude AA	AA Gude	A.A. Gude	A.A. Gude	A.A. Gude	A.A. Gude
10	2268	Kharwade Swapnil Tukaram	KS	KS	KS	KS	KS	KS
11	2275	Satav Shubham Sandipan	Satav SSR	Satav SSR	Satav SSR	Satav SSR	Satav SSR	Satav SSR
12	2276	Yadav Rohan Vitthal	RYV	RYV	RYV	RYV	RYV	RYV

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare.

Remedial Classes for slow Learners (201-22)
 Subject:-Mathematics

Paper No.:- Geometry

Class:-B.Sc.-I

Sr. No.	Roll No.	Name of Student	18/04/22	19/04/22	20/04/22	21/04/22	22/04/22	23/04/22
13	2306	Sawant Rushikesh Dattatray	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>
14	2308	Kale Vaishnavi Ramesh	<u>Kale.V.R</u>	<u>Kale.V.R</u>	<u>Kale.V.R</u>	<u>Kale.V.R</u>	<u>Kale.V.R</u>	<u>Kale.V.R</u>
15	2312	Nalwade Varsha Khandu	<u>Nalwade</u>	<u>Nalwade</u>	<u>Nalwade</u>	<u>Nalwade</u>	<u>Nalwade</u>	<u>Nalwade</u>
16	2314	Ganage Vidya Krushna	<u>Ganage</u>	<u>Ganage</u>	<u>Ganage</u>	<u>Ganage</u>	<u>Ganage</u>	<u>Ganage</u>
17	2321	Londhe Ganesh Hambirao	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>	<u>Ganesh</u>
18	2329	Raut RohiniPandurang	_____					
19	2331	Kute Pratik Vasant	<u>Kute</u>	<u>Kute</u>	<u>Kute</u>	<u>Kute</u>	<u>Kute</u>	<u>Kute</u>
20	2333	Kothavale Rohit Dhondiram	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>

(Mr. V.S. Shinde)

Bunt
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 K. N. Bhise Arts, Comm. & Vinayakrao
 Patil Science College,
 Vidyanagar Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's,
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.

Date: 25/04/22

List of Slow Learners
(2021-22)

Subject:-Mathematics

Class:-B.Sc.-I

Sr. No.	Roll No.	Name of the Student	Marks
1	2202	Khare Aishwarya Raghunath	12
2	2204	Lokhande Suyash Santosh	13
3	2205	Londhe Rutika Popat	13
4	2206	Karande Sakshi Dhanaji	14
5	2213	Patkulkar Pankaj Chandrakant	12
6	2217	Patil Mayuri Dadasaheb	15
7	2242	More Suksena Shivaji	15
8	2249	Shinde Dhairyashil Satish	13
9	2262	Gude Aniket Appasaheb	10
10	2268	Kharwade Swapnil Tukaram	13
11	2275	Satav Shubham Sandipan	12
12	2276	Yadav Rohan Vitthal	13
13	2306	Sawant Rushikesh Dattatray	13
14	2308	Kale Vaishnavi Ramesh	14
15	2312	Nalwade Varsha Khandu	14
16	2314	Ganage Vidya Krushna	13
17	2321	Londhe Ganesh Hambirao	14
18	2329	Raut RohiniPandurang	AB
19	2331	Kute Pratik Vasant	12
20	2333	Kothavale Rohit Dhondiram	11

(Signature)

(Mr. V.S. Shinde)

(Signature)
Principal

K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur



**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Subject:-**Mathematic**

Name of the Student:- Patil Mayuri Dadasaheb Roll No.:- 2217

Class:-**B.Sc.-I**
Paper- **III- Geometry**

Date:- **25/04/2022**
Marks: **15**

Q. 1. Choose the correct alternative for each of the following

(05)

1. The relation between old co-ordinates (x, y) and new co-ordinates (x', y') of a point P when the origin $O(0,0)$ is shifted to the point $O'(h, k)$ is given by ...

- a) $x' = x - h, y' = y + k$ b) $x' = x + h, y' = y - k$
c) $x = x' - h, y = y' - k$ d) $x = x' + h, y = y' + k$

2. If $(\sqrt{3}, 1)$ are the Cartesian co-ordinates of a point then it's polar co-ordinates are ...

- a) $(2, \frac{\pi}{6})$ b) $(2, \frac{\pi}{5})$ c) $(2, \frac{\pi}{4})$ d) $(2, \frac{\pi}{3})$

3. If Cartesian equation of a curve is $xy = 2$ then it's polar equation is..

- a) $r^2 = 4\sin 2\theta$ b) $r^2 = 4\cos 2\theta$
c) $r^2 \sin 2\theta = 4$ d) $r^2 \cos 2\theta = 4$

4. If polar equation of a curve is $r = 4 \sin \theta$ then it's Cartesian equation is...

- a) $x^2 + y^2 - 4y = 0$ b) $x^2 + y^2 - 4x = 0$
c) $x^2 + y^2 - y = 0$ d) $x^2 + y^2 - x = 0$

5. The general second degree equation in x and y represents the hyperbola if and only if ...

- a) $\Delta \neq 0$ and $h^2 - ab < 0$ b) $\Delta \neq 0$ and $h^2 - ab = 0$
c) $\Delta \neq 0$ and $h^2 - ab > 0$ d) $\Delta \neq 0$ and $a = b, h = 0$

Q.2. Attempt any two of the following (10)

1. Transform the equation $2x^2 + y^2 - 4x + 4y = 0$ to parallel axes through the point $(1, -2)$.

2. Transform the equation $x^2 - y^2 - 2\sqrt{2}x - 10\sqrt{2}y + 2 = 0$, When the axes are rotated through an angle 45° .

3. Identify the conic given by $x^2 + xy + y^2 + x + y - 1 = 0$.

Q.2] ①

→ when the origin is shifted to (h, k) then transformation equations are $(1, -2)$

$$x = x' + h = x' + 1 \quad \text{--- ①}$$

$$y = y' + k = y' - 2 \quad \text{--- ②}$$

Here $h = 1, k = -2$

Put x, y in the given equations

$$2x^2 + y^2 - 4x + 4y = 0$$

$$2(x'+h)^2 + (y'+k) - 4(x'+h) + 4(y'+k) = 0$$

$$2(x'+1)^2 + (y'-2)^2 - 4(x'+1) + 4(y'-2) = 0$$

$$2(x'^2 + 2x' + 1) + y'^2 - 4y' + 4 - 4x' - 4 + 4y' - 8 = 0$$

$$2x'^2 + 4x' + 2 + y'^2 - 4y' + 4 - 4x' - 4 + 4y' - 8 = 0$$

$$2x'^2 + y'^2 - 6 = 0$$

$$2x'^2 + y'^2 = 6$$

which is transformed equation.

Q. 2]

②
→

If the system rotated about origin through an angle $\theta = 45^\circ$

then transformation equations are

$$x = x' \cos \theta - y' \sin \theta$$

$$y = x' \sin \theta + y' \cos \theta$$

$$x = x' \cos 45 - y' \sin 45$$

$$y = x' \sin 45 + y' \cos 45$$

$$x = \frac{x'}{\sqrt{2}} - \frac{y'}{\sqrt{2}} = \frac{1}{\sqrt{2}} \quad \text{--- (1)}$$

$$y = \frac{x'}{\sqrt{2}} + \frac{y'}{\sqrt{2}} \quad \text{--- (2)}$$

Q.2]

③

→ Put the values of x, y in given equation

$$x^2 - y^2 - 2\sqrt{2}x - 10\sqrt{2}y + 2 = 0$$

$$\therefore \left(\frac{x'}{\sqrt{2}} - \frac{y'}{\sqrt{2}}\right)^2 - \left(\frac{x'}{\sqrt{2}} + \frac{y'}{\sqrt{2}}\right)^2 - 2\sqrt{2}\left(\frac{x'}{\sqrt{2}} - \frac{y'}{\sqrt{2}}\right)$$

$$- 10\sqrt{2}\left(\frac{x'}{\sqrt{2}} + \frac{y'}{\sqrt{2}}\right) + 2 = 0$$

$$\therefore \frac{1}{2}(x'^2 - 2x'y' + y'^2) - \frac{1}{2}(x'^2 + 2x'y' + y'^2)$$

$$- 2x' + 2y' - 10x' - 10y' + 2 = 0$$

$$\therefore \frac{1}{2}[x'^2 - 2x'y' + y'^2 - x'^2 - 2x'y' - y'^2] - 12x' - 8y' + 2 = 0$$

$$\therefore \frac{1}{2}(-4x'y') - 12x' - 8y' + 2 = 0$$

$$\therefore -2x'y' - 12x' - 8y' + 2$$

$$\therefore x'y' + 6x' + 4y' - 2 = 0$$



MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY**

Notice

SPECIAL PROGRAMMES FOR SLOW LEARNERS (2021-22)

All students of class B. A. III here by inform that the department of Geography is going to organize special program for slow learners for the replenishment of knowledge of Geography. The program will commence from 01 June 2022 to 07 June 2022.

Points to be covered for B.A. –III Statistical Methods in Geography

Sr. No	Topic Name	Sub Topic	No. of Lectures
1.	Central Tendency	Mean Mode Median	03
2	Correlation	Simple Correlation	01
3.	Desperation	Mean Deviation, SD, Q.D.	03
Total			07

HOD

Head. Department of Geography

Principal

I/c.Principal
K.N.Bhise Arts, Commerce &
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Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY**

SPECIAL PROGRAMMES FOR SLOW LEARNERS

Question Paper (Year 2021-22)

Subject: Development Geography

Class: B.A.- III

Total Marks: 20

Q. 1. Calculate the Mean, Mode, Median and SD

Class	Frequency
10-20	02
20-30	04
30-40	06
40-50	01
50-60	03

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Head. Department of Geography

Principal

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SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY**

SPECIAL PROGRAMMES FOR SLOW LEARNERS (Year 2021-22)

Student list

Sr. No	ROLL NO	Students Name
1	4552	AJIT VISHNU GHUGE
2	4551	GANESH SIDDHESHWAR DALVI
3	1669	TUSHAR SATISH BABAR
4	1683	AUDUMBAR SANDESH JANRAO
5	1685	SUNIL VASANT MASKE
6	1692	SATYAM SUNIL GITE
7	1704	KUMAR KALYAN OHOL
8	1652	BEDRE SAMDHAN APPA
9	1714	MANE ANIKET VASUDEO

HOD



Head. Department of Geography


Principal

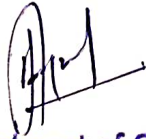
I/c.Principal
**K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur**

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY**

**SPECIAL PROGRAMMES FOR SLOW LEARNERS
2021-22**

Result of the Students

Sr. No	Roll No	Name of the Students	Option Marks out of 20
1	4552	AJIT VISHNU GHUGE	19
2	4551	GANESH SIDDHESHWAR DALVI	19
3	1669	TUSHAR SATISH BABAR	20
4	1683	AUDUMBAR SANDESH JANRAO	19
5	1685	SUNIL VASANT MASKE	20
6	1692	SATYAM SUNIL GITE	20
7	1704	KUMAR KALYAN OHOL	19
8	1652	BEDRE SAMDHAN APPA	20
9	1714	MANE ANIKET VASUDEO	20



Head. Department of Geography



**I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur**

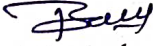
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K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY

SPECIAL PROGRAMMES FOR SLOW LEARNERS 2021-22
Attendance Sheet

Sr. No	Name of the Students	01/06/22	02/06/22	03/06/22	04/06/22	06/06/22	07/06/22	08/06/22
1	AJIT VISHNU GHUGE	Ajit	Ajit	Ajit	Ajit	Ajit	Ajit	Ajit
2	GANESH SIDDHESHWAR DALVI	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
3	TUSHAR SATISH BABAR	T.S. Babar	T.S. Babar	T.S. Babar	T.S. Babar	T.S. Babar	T.S. Babar	T.S. Babar
4	AUDUMBAR SANDESH JANRAO	Aud	Aud	Aud	Aud	Aud	Aud	Aud
5	SUNIL VASANT MASKE	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
6	SATYAM SUNIL GITE	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam
7	KUMAR KALYAN OHOL	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
8	BEDRE SAMDHAN APPA	Bedre	Bedre	Bedre	Bedre	Bedre	Bedre	Bedre
9	MANE ANIKET VASUDEO	Mane	Mane	Mane	Mane	Mane	Mane	Mane


Teacher


H.O.D
Head, Department of Geography


Principal

I/c. Principal
K.N. Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY

SPECIAL PROGRAMMES FOR SLOW LEARNERS
Academic 2021-22

Time Table

Sr. No	Time	01/06/22	02/06/22	03/06/22	04/06/22	06/06/22	07/06/22	08/06/22
1	8.00-8.48	-	-	-	-	-		
2	8.48 to 9.36					V.B.N		
3	9.36-10.24	-	-	-	-	-		
4	10.35-11.33	-	-	-	-	-		
5	11.35-12.21	-	-	-	V.B.N	-		
	12.21-1.07	V.B.N	V.B.N	V.B.N		-	V.B.N	V.B.N

V.B.N= Dr. Nagare V.B

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Head. Department of Geography

Principal

I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur

Students Name: Ghude Nitish
 Class: II BA VI Sub: संख्यात्मक
 Date: 19/20
 Roll No: 4552
 Sign. of Students: [Signature] Sign. of Teacher: _____

* SLOW LEARNERS

① calculate the mode, median and CD

class	frequency	कमि/अधिक
10-20	02	0 + 2 = 02
20-30	04	$f_0 = 2 + 4 = 06$
30-40	06	$f_1 = 6 + 6 = 12$
40-50	01	$f_2 = 12 + 1 = 13$
50-60	03	3 + 3 = 16

$\sum x = 16$

$\bar{x} = \frac{\sum x}{N}$
 $= \frac{16}{5}$

1 2 3 4 6
 $M = \frac{N}{2}$
 $= \frac{16}{2}$
 $= 8$
 $M = 30$

mean = 3.2

$M = \frac{N+1}{2}$

$L + \left[\frac{\frac{N+1}{2} - cf}{f} \right] \times CI$

$$L + \left[\frac{N+1 - cf}{f} \right] \times CI$$

$$30 + \left[\frac{8.5 - 0.6}{0.6} \right] \times 10$$

$$30 + \left[\frac{2.5}{0.6} \right] \times 10$$

$$30 + 0.41 \times 10$$

$$30 + 4.1$$

$$M = 34.1$$

median :-

$$m = L + \left[\frac{f_1 - f_0}{2(f_1) - f_0 - f_2} \right] \times CI$$

$$= 16 + \left[\frac{6 - 4}{2(6) - 4 - 1} \right] \times 20$$

$$= 16 + \left[\frac{2}{12 - 5} \right] \times 20$$

$$= 16 + 0.23 \times 20$$

$$= 16 + 5.6$$

$$= 21.6$$

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DEPARTMENT OF GEOGRAPHY**

Date: 06/05/2022

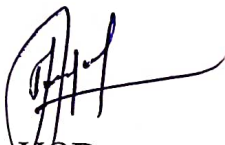
SPECIAL PROGRAM FOR ADVANCED LEARNERS

Notice

All students of the class B. A. III here by inform that the department of Geography is going to organize special lecture on M.A. Entranced for advanced learners for the replenishment of knowledge of Geography. The Special Lecture will commence from 09/05/2022 to 17/05/2022

Points to be covered for B.A. -III

Sr. No	Topic Name	Sub Topic	No. of Lectures
1.	Introduction to Geomorphology	Interior of the Earth	01
	Geography of India	Physiography of India	02
2.	Environmental Science	Types of Pollution	02
3	Global Positioning System, R.S. and GIS	Global Positioning System, R.S. and GIS	02
Total			07


HOD

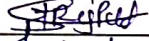
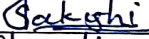
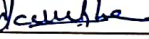
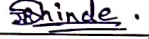
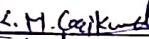
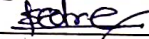
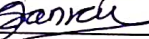

Principal

**I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur**

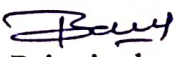
ADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
DEPARTMENT OF GEOGRAPHY

SPECIAL PROGRAMMES FOR ADVANCED LEARNERS (2021-22)

List of Students

SR. NO	ROLL NO	NAME OF THE STUDENTS	SIGNATURE
1	1604	RUTUJA SUNIL RAJPUT	
2	1602	SAKSHI RAJENDRA KHEDKAR	
3	1603	MANISHA BHIBHISHAN KAMBLE	
4	1612	RUTUJA DATTATRAY RAUT	R. D. Raut
5	1607	JYOTI BHARAT SHINDE	
6	1615	KAJAL MADHUKAR GAIKWAD	
7	1652	SAMADHAN APPA BEDRE	
8	1684	SAGAR PANDURANG JANRAO	


HOD

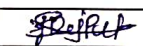
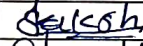
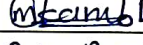
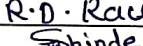
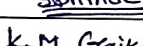
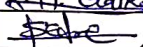
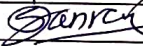


Principal

I/c.Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College**
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE
DEPARTMENT OF GEOGRAPHY**

SPECIAL PROGRAMMES FOR ADVANCED LEARNERS (2021-22)

Result of the Students

SR. NO	ROLL NO	NAME OF THE STUDENTS	Result out of 20	Signature
1	1604	RUTUJA SUNIL RAJPUT	20	
2	1602	SAKSHI RAJENDRA KHEDKAR	20	
3	1603	MANISHA BHIBHISHAN KAMBLE	20	
4	1612	RUTUJA DATTATRAY RAUT	18	
5	1607	JYOTI BHARAT SHINDE	18	
6	1615	KAJAL MADHUKAR GAIKWAD	18	
7	1652	SAMADHAN APPA BEDRE	20	
8	1684	SAGAR PANDURANG JANRAO	20	


HOD


Principal

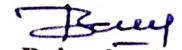
**I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur**

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
 SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
 DEPARTMENT OF GEOGRAPHY

SPECIAL PROGRAMMES FOR ADVANCED LEARNERS (2021-22)
Attendance Sheet

Sr. No	Students Name	09/05/22	10/05/22	11/05/22	12/05/22	13/05/22	14/05/22	17/05/22
1	Rutuja Sunil Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
2	Sakshi R.Khedkar	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
3	Manisha B.Kamble	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha
4	Rutuja Dattatray Raut	R.D.Raut	R.D.Raut	R.D.Raut	R.D.Raut	R.D.Raut	R.D.Raut	R.D.Raut
5	Jyoti Bharat Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
6	Kajal M.Gaikwad	K.M.Gaikwad	K.M.Gaikwad	K.M.Gaikwad	K.M.Gaikwad	K.M.Gaikwad	K.M.Gaikwad	K.M.Gaikwad
7	Samadhan Appa Bedre	Bedre	Bedre	Bedre	Bedre	Bedre	Bedre	Bedre
8	Sagar P. Janrao	Janrao	Janrao	Janrao	Janrao	Janrao	Janrao	Janrao


HOD


Principal

I/c.Principal
**K.N.Bhise Arts,Commerce &
 Vinayakrao Patil Science College**
 Vidyanagar Bhosare,Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE
DEPARTMENT OF GEOGRAPHY**

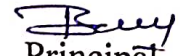
SPECIAL PROGRAMMES FOR ADVANCED LEARNERS (2021-22)

Time Table

Sr. No	Time	09/05/22	10/05/22	11/05/22	12/05/22	13/05/22	14/05/22	17/05/22
1	8.00-8.48	-	-	-	-	-		
2	8.48 to 9.36							
3	9.36-10.24	-	-	-	-	-		
4	10.35- 11.33	-	-	-		-		
5	11.35- 12.21	-	-	-	V.B.N	-		
	12.21-1.07	V.B.N	V.B.N	V.B.N		V.B.N	V.B.N	V.B.N

V.B.N= Dr. Nagare V.B


HOD


Principal

I/c.Principal
**K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College**
Vidyanagar Bhosare, Dist-Solapur

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE**
DEPARTMENT OF GEOGRAPHY

SPECIAL PROGRAMMES FOR ADVANCED LEARNERS
B.A.- III

Date 17/05/2022

Total Marks – 20

Question Paper

18
20

(2 Marks Each)

Q.1. Answer the following questions

1. ✓ Known as garden city in India.
a) Chandigarh b) ~~Bangalore~~ c) Shimla d) Manali
2. ✓ Where is a national Ocean research Centre?
a) Mumbai b) Kolkata c) ~~Vasco de Gama~~ d) Chennai
3. ✓ Velocity of the wind is measured by.....
a) Barograph b) Windvane c) ~~Cup Anemometer~~ d) Aneroid Barometer
4. ✓ Which Instruments is used to measured the salinity of Ocean water?
a) ~~Salinometer~~ b) Thermometer c) Hygrometer d) All above
5. ✓ Oceanography is a branch of
a) Human Geography b) Zoology c) ~~Physical Geography~~ d) All above
6. ✓ What is a natural pH value of the soil?
a) 4 b) ~~7~~ c) 9 d) 10
7. ✓ What color does the soil gate when the salts in the soil come up?
a) Black b) ~~White~~ c) Red d) Yellow
8. ✓ Which of the following types of the soils have a marked capacity to retain water?
a) Desert soil b) laterite soil c) ~~Regur Soil~~ d) Red soil
9. ✓ Which of the following soil is related to the term Regur?
a) ~~Desert soil~~ b) ~~laterite soil~~ c) Black Cotton Soil d) Red soil
10. ✓ Where in Maharashtra is the largest solar power plant located
a) ~~Sangola~~ b) Radhanagari c) Valvan d) Andheri

S. Shinde
Signature of the Students

[Signature]
Signature of the Teacher

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY

ADVANCED LEARNERS AND SLOW LEARNERS SCHEME

INDEX

Sr. No	Years	No. of Slow Learner	No. of Advanced Learner
1	2019-20	27	15
2	2018-19	19	15
3	2017-18	03	15
4	2016-17	05	15
5	2015-16	29	15

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K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE
DEPARTMENT OF GEOGRAPHY

ADVANCED LEARNERS AND SLOW LEARNERS SCHEME:

Process of identifying Advanced and Slow Learners:

- At the very beginning of the academic year faculty member identify the slow and advanced learner based on the marks obtained at HSC level.
- Conducts tests and unit test to identify the slow and advanced learner.
- Even during the time of delivering the lectures asking oral questions.

Special Programme for Slow Learners:

- Organizing the Special Coaching and guidance.
- Taking home assignments.
- Given the question banks
- Notes.
- Taking the unit tests
- Remedial Coaching Classes are organized
- Solving the old question papers.
- Guest lectures are organized to motivate slow learners.
- Study Tour are organized in order to understand the pictorial Geographical concepts
- Field work are organized in order to understand the actual Geographical processes

Special Programme for Advanced Learners:


- Encouraged to participate in Avishkar
- Encouraged to present their posters and paper in conferences and seminars.
- Arranging the surprise tests,
- Encouraged to refer additional study materials through reference books
- To motivate to go higher education and prepare for different competitive examinations.


Head. Department of Geography

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE
DEPARTMENT OF ECONOMICS**

Mechanism of identify slow and advanced learners

Mechanism of identify slow and advanced learners to access the learners ability to each students the college conducts and examination. After the completion of the admission process the syllabus of this examination is based on the 11th and 12th standard based on the secured marks the students are identified as a slow and advanced learners. Also students are assessed through the regular teaching in classroom the performance of the student access in the class test examination and group discussion tire the students are identified as slow and advanced learner. On the basis of the learners level assessment the efforts are taken in improve the performance in the internal test and the term examination of the university the college record of the learners needs to the slow learners through Counselling of the students and take an appreciate action to problem during maintaining the examination and the question bank to the students


Head, Department of Economics
KNBAC & VPS College, Bhosara.

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S
**K. N. BHISE ARTS, COMMERCE AND VINAYKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR BHOSARE
DEPARTMENT OF ECONOMICS**

**REPORT ON
INDUSTRIAL VISIT-2022**

ACTIVITY FOR ADVANCED LEARNERS

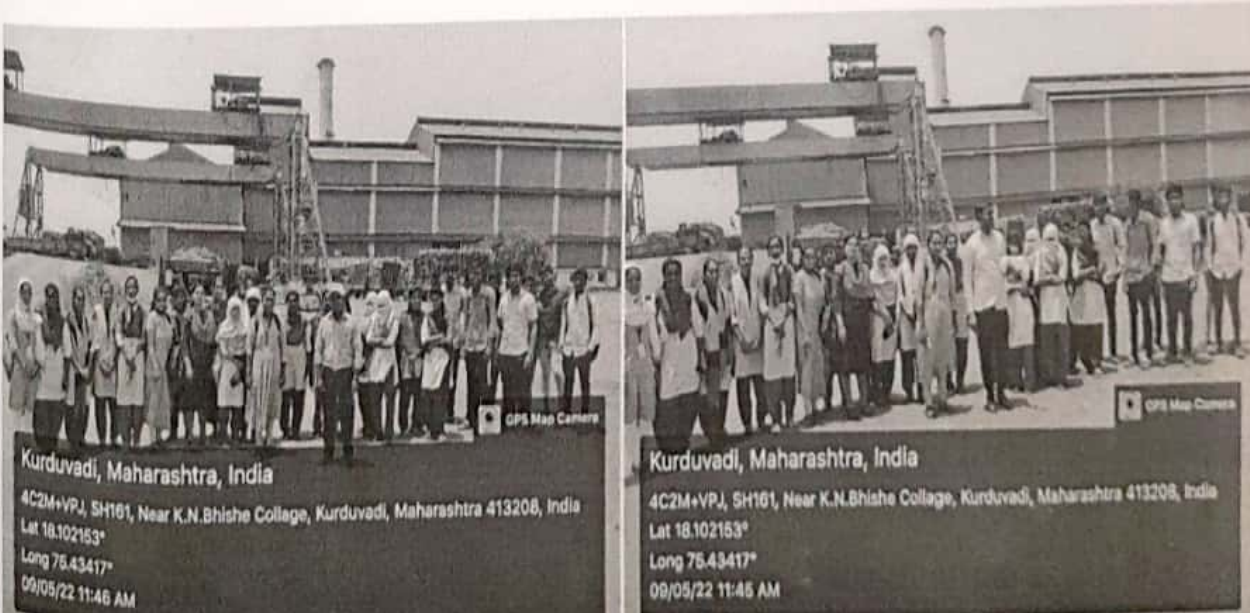
Visit to Vitthal Corporation Ltd Date & Time of Visit: 9 May 2022 Duration: 1 Day

Faculty Members: Prof. V.B. Waghmare, Dr.N. A. Survse, Dr. A.P. Raut,

Total Number of Students: 25 (Economics)

Organized By : Department of Economics, K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare.

One day Educational trip was organized by Department of Economics, K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare. The tour comprised students of B.A. Economics accompanied by faculty members, Prof. V.B.Waghmare, Dr. N.A. Survse & Dr. A.P.Raut, from Department of Economics. All the students were directed to gather at College at 10:30AM. I/C Principal of the college Dr. P.S.Kamble wished all the students best and safe journey.



We started our journey at 10:30 o'clock with Bus Service and reached at 11:00 AM at the location. After that all students along with faculty members were taken to the site, where the plant to generate the electricity was installed. Primarily the concept was taken to make traditional water flour and further extended to generate electricity. It was an amazing effort by Mr. Shinde to make the concept practically happen. Sugar is manufactured through Double Sulphitation Process and to reach the International standard of Sugar Syrup Clarification System has been installed in factory. Major products are as follows:

• SUGAR :

The sugar which is a Carbo-hydrate is obtained from sugar cane and is known as Cane Sugar. Actually cane sugar is chemically known as Sucrose which is disaccharide. It is soluble in water. Sucrose is dextrorotatory on hydrolysis.

• BAGASSE :

Bagasse is the residue obtained from crushing cane in the mills. It contains about 50% moisture and 2% sugar and the balance is fiber. It is also very commonly used as fuel in boilers in the Sugar Factory. Bagasse is used as a raw material for the production of Cellulose, Furfural, Paper, Particle board, Cattle feed etc.

• MOLASSES :

Molasses which is also known as black strap molasses or treacle is a dark brown viscous liquid obtained as a by-product in processing Cane Sugar. It contains nearly 45% uncrystallized, fermentable Sugar & some Sucrose.

• ABSOLUTE ALCOHOL (ETHANOL) :

It is used as Fuel in Automobile and also in Pharmaceutical Industries.

Every student asked many questions about the plant and saw the things practically. Overall, it was a great experience. It was a new, interesting and informative experience for all of us. Then, we took group photographs with Sugar Factory. We departed at 3:00 PM from there to College. We all had safe and enjoyable journey with lots of information.



Madha Taluka Shikshan Prasark Mandal's
K.N.Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare

Department of Economics
Industrial Visit Student Attendance

Date 9/05/2022

S.N.	Name of the student	Mob. No	Signature
1	chandone vidya shankar	8888527074	V.S.Chandone
2	Shinde Namrata Dhanejay	7276182181	N.D.Shinde
3	Shrofi shabaji Jagtap	7517563093	Jagtap
4	Ayesha Ramjan Tamboli	9145454733	A.R.Tamboli
5	Anita Ashok Divate	9406695630	Anita
6	Waghmare Pallavi Anil	9503554908	P.A.Waghmare
7	Jagtap Nikita Hanuman	7796689441	Nikita
8	Matre Grayatri Shankar	8007927792	Grayatri
9	Dhekate Amruta Subas	9604997736	Amruta
10	Rutuja Sunil Kore	9172840773	R.S.Kore
11	Sharmil Ganesh Godkar	9527193562	S.Godkar
12	Ankita Rakul Dhavale	9021042707	A.R.Dhavale
13	sakshi Prakash more	9022704266	Sakshi
14	Vaishali Ravindra Pandhare	9011415660	Vaishali
15	Aratiisha Rajendra Tonpe	7067470653	P.R.Tonpe
16	Pratikta Santosh Londhe	8261069013	P.Londhe
17	Apeksha Avinash Bhange	8605671552	Bhange
18	Muskan Jamia Sheikh	7350200427	M.J.Sheikh
19	Sanjana Bhadakwad	7249481820	S.Bhadakwad

S.N.	Name of the Teacher	Signature
1	Dr. Survasi Nilesh - A.	Nilesh
2	Prof. Waghmare V.B. (HOD)	V.B.
3	DE. A. P. Paut	Paut
4	Dr. D. M. Kadam	Kadam

Madha Taluka Shikshan Prasark Mandal's
**K.N.Bhise Arts Commerce and Vinayakrao Patil Science
College, Vidyanagar Bhosare**

Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbacck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

No.KNBACCK/ 2467/2022

Date : 09 / 05 / 2022

To,
The Director,
Vitthal Sugar Factory Mhaisgaon
Madha Solapur District Maharashtra 413250

Subject : - To get permission for student's industrial visit

Respected Sir,

K. N. Bhise Arts Commerce Vinayakrao Patil Science College, Bhosare **Economics**
Department arrange an industrial visit a part of subject related study visit programme. Visit
should be obtained from you on 09/05/2022 at 9.00 a.m. and our students should be guided
by the management skills and market distribution that you need in our factory. Please give
permission for student study visit.

Thanking You,



I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur



विठ्ठल कॉर्पोरेशन लि.

शुगर • को-जनरेशन • डिस्टीलरी • आयएमएफएल • टेक्सटाईल

नोंदणीकृत कार्यालय : प्लॉट नं. १०४, सुवर्णानंद पार्क, प्लॉट नं. ४८/४९
लक्ष्मी पार्क, नवी पेठ, पुणे-४११०३० (महाराष्ट्र) फोन- ०२० २४५३२७३०

विकॉलि/प्रशासन/शुगर/२०२२-२३/३६२

दि.०९/०५/२०२२

प्रति,
मा.श्री.प्राचार्य ,
के.एन.भिसे आर्ट्स, कॉमर्स अॅण्ड
विनायकराव पाटील सायन्स कॉलेज,
विध्यानगर भोसरे.

विषय:- आपले कॉलेज विध्यार्थी व प्राध्यापक टिम आमचे कारखाना भेटी करीता आले बाबत.

संदर्भ:-आपले पत्र KNBACCK/2467/2022 अन्वये

आदरणीय महोदय,

उपरोक्त विषयान्वये आपणास कळवू इच्छितो की, तुमचे कॉलेज मधील अर्थशास्त्र विभागामधील विद्यार्थी व प्राध्यापक दि.०९/०५/२०२२ रोजी आमचे कारखाना भेटी करीता आले होते. आमचे कारखाना भेटी करीता विध्यार्थी व प्राध्यापक आले असता त्यांना आमचे कंपनी मधील व्यवस्थापन कौशल्य व बाजार वितरण व विध्यार्थी यांचे अभ्यासाविषयक आवश्यक असणारी इतर सर्व माहिती आमचे कंपनी मधील कर्मचारी यांनी दिली.

कळावे,

आपला स्नेहांकित,

(पी.बी.पाटील)

प्रशासकीय अधिकारी
विठ्ठल कॉर्पोरेशन लि.

पत्रव्यवहार व कार्यस्थळ

विठ्ठलराव शिंदे नगर, पो. म्हैसगांव, ता. माढा, जि. सोलापूर- ४१३ २५० (महाराष्ट्र)

फोन.नं. +९१ २१८३ २२६४२५, ५५, ७५ फॅक्स : +९१ २१८३ २२६४९५

ई-मेल : vitthalsugarmfg@gmail.com

वेबसाईट : www.vitthalcorporationltd.com

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

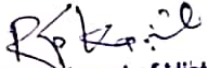
Department of History


Date: 05/01/2022

SPECIAL GUEST LECTURE FOR ADVANCED LEARNERS
Year-2021-22

Notice

All students of the class B. A. III hereby informed that the department of History is going to organize special Guest lecture on "History and Competitive Examination For advanced learner's" for the enrich of knowledge of History. The Guest lecture will be commenced from 08 January 2022 at 11-00 am.


Head, Department of History
KNBAC & VPS College, Bhosare.


Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K.N.Bhise Arts, Commerce and Vinayakrao Patil Science
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Paranda Road, Vidyanagar Bhosare Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbacck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

Ref No:- KNBACCK/

Date: 08/01/2022

Name of the Department:- History

Activity Report Year- 2021-22

Name of the Activity: Guest lecture on "History and Competitive Examination For advanced learner's"

Date	Faculty	Department	Coordinator Name and Phone Number	
08/01/2022	Dr. Vikas Nagare Mob. No. 9850592491	History	Prof. Pantulwar R.G. 8421675250	
Time 11.00 am to 12.00 noon	Venue Department of History Block No- D5	Activity for the Class/group	Nature of the Activity	
		Number of Students present		Number of teachers present
		17	02	Guest Lecture

Support/ Assistance: Prof. Shejul. B.R.

General Information of the Activity:

Topic/Subject of the activity	"History and Competitive Examination For advanced learner's"
Objective for Conducting the activity	1. Provide Information about Competitive Examinations among the students. 2. Promote students to do prepare for Competitive Examinations 3. Inform student, How history is useful subject to crack Competitive Examinations 4. Give students basic knowledge and skills to help to built their careers
Methodology	Lecture
Outcome	Students obtain an information about relation between History and Competitive Examinations

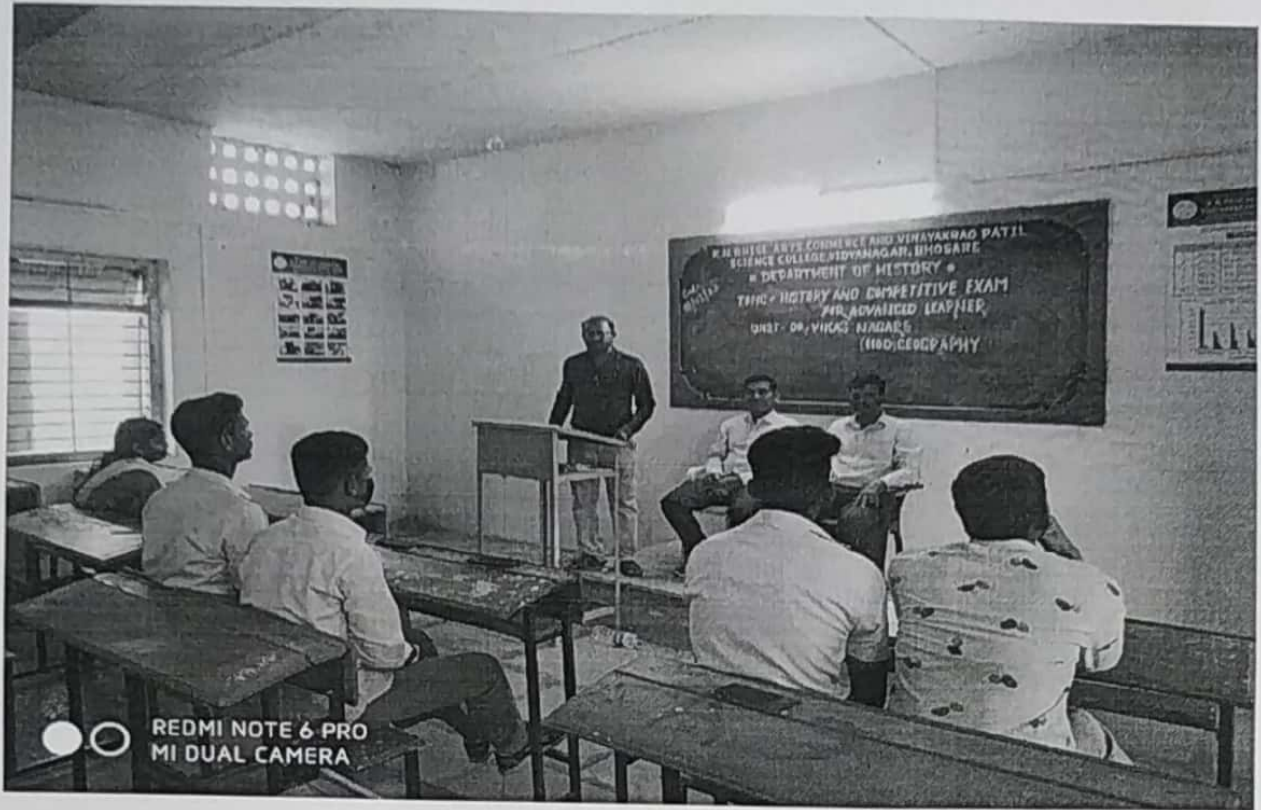
Proofs Attached: letters/student list of participation/certificate/document/photos/any other

1. Attendance

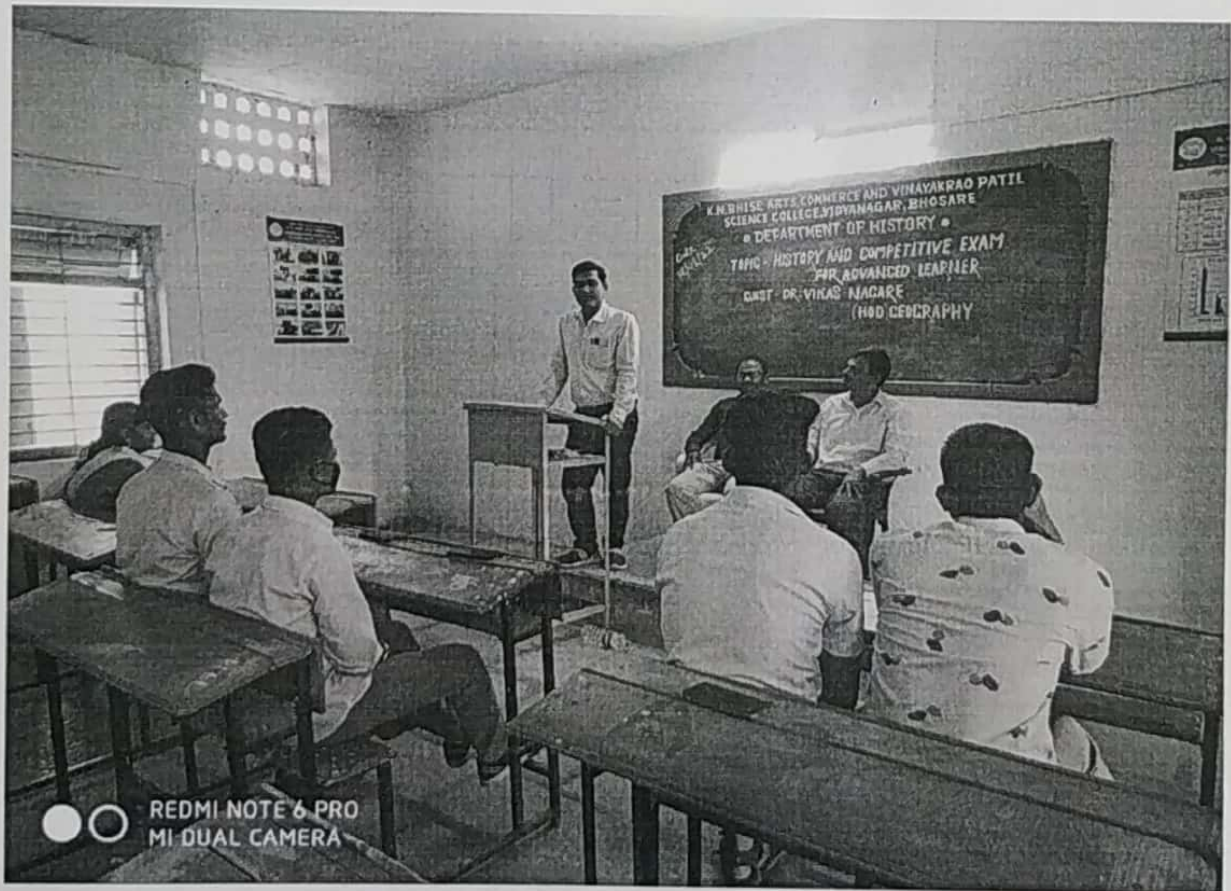
2. Proofs - Photographs

R. S. K. B. S.
Head, Department of History
KNBAC & VPS College, Bhosare.

Principat
Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidvanagar Bhosare, Dist. Solapur
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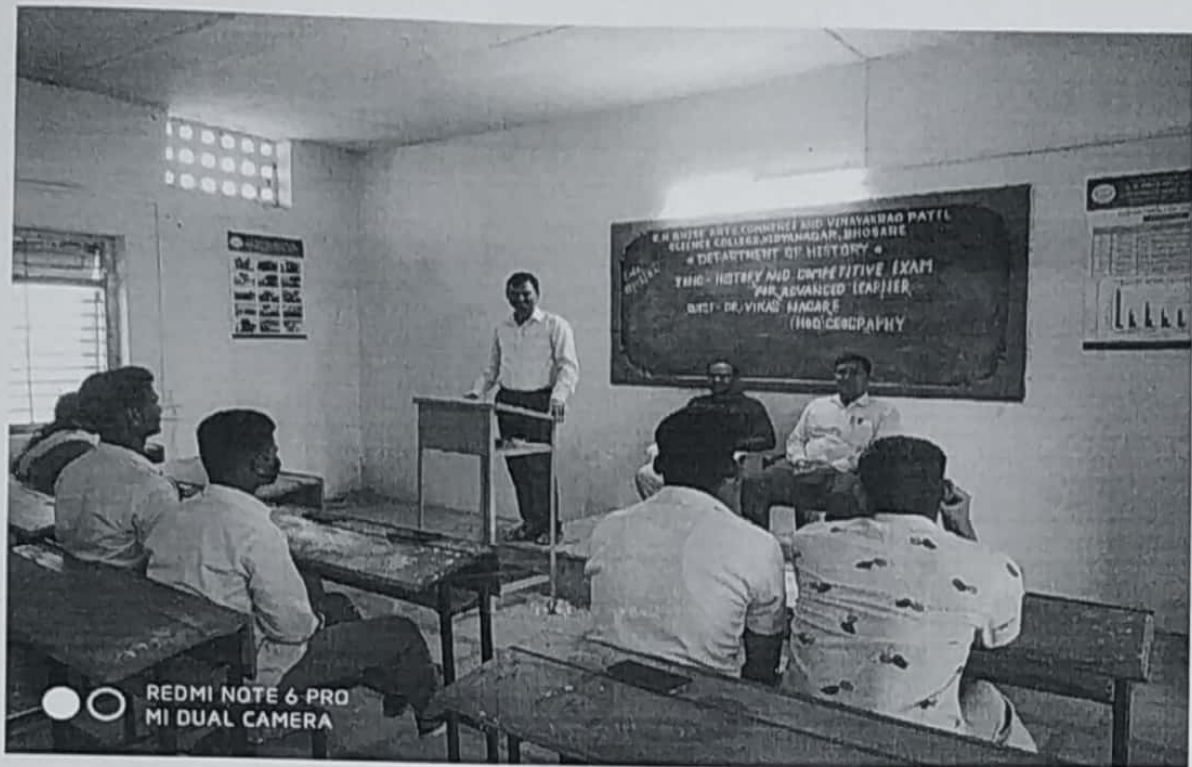
Prof. B. R. Shejul Anchoring the Program.



Prof. R. G. Pantulwar shearing his view.

R.G. Pantulwar
Head, Department of History
KNBAC & VPS College, Bhosare.

Dr. Jay
Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Bhosare, Bhosare Dist, Solapur



Dr. Vikas B. Nagare delivering his lecture



Miss. Namrata Shinde expressing Vote of thanks

R. S. K. B. K.
 Head, Department of History
 KNBAC & VPS College, Bhosare.

B. S.
 Principal
 K. N. Bhise Arts, Comm. & Vinayakrao Patil Science College,
 Vidyanagar Bhosare, Dist. Solapur

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

Date: 08/01/2022

Department of History

SPECIAL GUEST LECTURE FOR ADVANCED LEARNERS

Year-2021-22

List of Students

Sr. No.	Name of the student	Signature
01	Miss. Tonpe Pratiksha Rajendra	Tonpe
02	Miss. Sarvade Aarti Dilip	सरवदे अर्ती
03	Miss. Londhe Supriya Arjun	लुंधे सुप्रिया
04	Miss. Pandgale Jaya Gautameshwar	पान्दगळे जय
05	Miss. Shinde Namrata Dhananjay	शिंदे नम्रता
06	Mr. Gosavi Hanumant Narayan	गोसावी हनुमंत
07	Mr. Gavali shrikant Shivaji	गवळे शुकंत
08	Mr. Patil Dnyaneshwar Mohan	पाटील दयानेश्वर
09	Mr. Salave Akshay Dilip	सालवे अक्षय
10	Mr. Ahire Prasad Dilip	अहिर प. 1)
11	Mr. Sarak Tushar Rajendra	सराक तुषार
12	Mr. Pawar Kashinath Namdev	पावार काशिनथ
13	Mr. Bagal Utkarsh Laxman	बागल उत्करश
14	Mr. Valke Abhishek Santosh	वलके अभिशेक
15	Mr. Navgire Amar Arjun	नावगिरे अमर
16	Mr.. Shaikh Faijan Mohasin	शेख फैजान
17	Mr. Ubale Vaibhav Dharma	उबाले वैभव

R. K. K. 20
Head, Department of History
KNBAC & VPS College, Bhosare.

B. K. K.
Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

K.N.Bhise Arts Commerce and Vinayakrao Patil Science College,

Vidyanagar Bhosare

Department Of Hindi

Advance and Slow Learner Programs

Academic Year 2021-22

➤ **प्रतिभासंपन्न तथा अप्रतिभासंपन्न छात्रों को निर्देशित करने की पद्धति :-**

- १) मौखिक परीक्षा
- २) अंतर्गत मूल्यमापन परीक्षा, हिंदी सामान्यज्ञान स्पर्धा
- ३) अध्यापक - छात्र संप्रेषण पद्धत, प्रकल्प पद्धत
- ४) अंतर्गत मूल्यमापन पद्धत

➤ **प्रतिभासंपन्न छात्रों के ज्ञान विकास की कार्यप्रणाली :-**

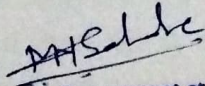
अंतर्गत मूल्यमापन परीक्षा, सामान्यज्ञान स्पर्धा, निबंध स्पर्धा वक्तृत्व स्पर्धा, प्रकल्प पद्धत, क्षेत्र भेट (बैंक व्हिजिट, पोस्ट व्हिजिट), हिंदी एकदिवसीय कार्यशाळा, हिंदी व्याख्यान, सेमिनार, गटचर्चा आदि का आयोजन हिंदी विभाग के अंतर्गत किया जाता है। छात्रों को हिंदी सन्दर्भ ग्रंथ, हिंदी नोट्स दिए जाते हैं।

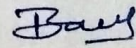
➤ **अप्रतिभासंपन्न छात्रों के ज्ञान विकास की कार्यप्रणाली :-**

अप्रतिभासंपन्न छात्रों के लिए विशेष मार्गदर्शन किया जाता है। हिंदी प्रश्नसंच, पुनाराध्यापन पद्धत, हिंदी नोट्स, हिंदी टेस्ट, रिमेडी अल टीचिंग आदि का आयोजन हिंदी विभाग के अंतर्गत किया जाता है।

➤ **सभी छात्रों के ज्ञान विकास की कार्यप्रणाली :-**

अंतर्गत मूल्यमापन परीक्षा, सामान्यज्ञान स्पर्धा, निबंध स्पर्धा वक्तृत्व स्पर्धा, प्रकल्प पद्धत, क्षेत्र भेट (बैंक व्हिजिट, पोस्ट व्हिजिट), हिंदी एकदिवसीय कार्यशाळा, हिंदी व्याख्यान, सेमिनार, गटचर्चा।


Head, Department of Hindi
KNBAC & VPS College Bhosare.


प्रभारी प्राचार्य
के.एन.भिसे ज्यूनियर कॉलेज ऑफ आर्ट्स
कॉमर्स अँड विनायकराव पाटील सायन्स
कॉलेज, विद्यानगर भोसरे, जि. सोलापूर

K.N.Bhise Arts Commerce and Vinayakrao Patil Science College,

Vidyanagar Bhosare

Department Of Hindi

Advance Learner Programs

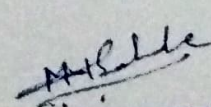
Academic Year 2021-22

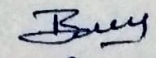
प्रतिभासपन्न छात्रों के ज्ञान विकास की कार्यप्रणाली के अंतर्गत मूल्यमापन परीक्षा, सामान्यज्ञान स्पर्धा, निबंध स्पर्धा वक्तृत्व स्पर्धा, प्रकल्प पद्धत, क्षेत्र भेट (बैंक व्हिजिट, पोस्ट व्हिजिट), हिंदी एकदिवसीय कार्यशाळा, हिंदी व्याख्यान, सेमिनार, गटचर्चा आदि का आयोजन हिंदी विभाग के अंतर्गत किया जाता है। छात्रों को हिंदी सन्दर्भ गथ, हिंदी नोट्स दिए जाते हैं।

1. पाठ्यक्रम कार्यशाळा - बी. ए. भाग ३ हिंदी पुनर्गठित पाठ्यक्रम कार्यशाळा का आयोजन सांगोला कॉलेज, सांगोला हिंदी विभाग अंतर्गत गुणवत्ता सुनिश्चयन प्रकोष्ठ और पुण्यश्लोक अहिल्यादेवी होलकर सोलापुर विद्यापीठ, सोलापुर के संयुक्त तत्वावधान में आयोजित 'एकदिवसीय कार्यशाळा' मंगलवार दिनांक १८/०९/२०२२ में संपन्न हुयी। विशेष रचनाकार : भगवानदास मोरवाल - प्रतिनिधि कहानियाँ एवं 'शकुंतिका' उपन्यास पर आयोजित की गयी। इस कार्यशाळा के लिए ऑनलाइन पद्धति से हमारे बी. ए. भाग ३ के छात्र सक्रीय सहभागी हुए। इस कार्यशाळा में काव्यशास्त्र एवं रोजगारपरक हिंदी, हिंदी साहित्य का इतिहास, प्रयोजनमूलक हिंदी, भाषाविज्ञान इसपर विभिन्न विषय विशेष तर्जों का मार्गदर्शन छात्रों को मिला। 'गूगल मीट' (<https://meet.google.com/jku-mxwb-153>) के माध्यम से छात्र सहभागी हुए।

2. पोस्ट व्हिजिट - हिंदी विभाग की ओर से बी. ए. भाग ३ के सभी छात्रों ने दिनांक ०५/०४/२०२२ को ठीक समय ३:०० मि. पर 'पोस्ट ऑफिस शाखा - कुईवाडी' में प्रत्यक्ष उपस्थित रहकर क्षेत्रभेट दी। इस क्षेत्रभेट में पोस्ट ऑफिस में विभिन्न पत्र व्यवहार कैसे होता है आवेदन पत्र, वाणिज्य पत्राचार, पदाधिकारियों के नाम पत्र, भुगतान पत्र, शिकायती पत्र, क्रयादेश पत्र, संदर्भ पत्र आदि के बारे में त्वरित ई पोस्ट सेवा, त्वरित मनी ऑर्डर सेवा, स्पीड पोस्ट स्थिति की नवीनतम जानकारी, ई. एम. ऑ की स्थिति, भारतीय डाक स्पीड पोस्ट, डाक पार्सल की जानकारी, ई-बुक आदि के बारे में विस्तृत जानकारी मिली।

3. बैंक क्षेत्रभेट - हिंदी विभाग की ओर से बी. ए. भाग ३ के सभी छात्रों ने दिनांक ०५/०५/२०२२ उपस्थित रहकर प्रत्यक्ष 'बैंक क्षेत्रभेट' बैंक ऑफ महाराष्ट्र शाखा - कुईवाडी में दी। छात्रों ने बैंक में आकर जमा पर्ची, निकासी पर्ची, चेक ड्राफ्ट पर्ची, ऑनलाइन ट्रंजेक्शन, एटीएम सेवा, तारण सेवा, आर. टी. जी. एस., बैंकिंग व्यवहार क्षेत्र में हिंदी भाषा का महत्व किस प्रकार है तथा ई-बैंकिंग आदि के बारे में विस्तृत जानकारी ली है। बैंक में प्रयुक्त हिंदी का व्यवहार क्षेत्र क्या है? इसके बारे में बैंक अधिकारी श्री. व्यवहारे साहब ने छात्रों को उदाहरण देकर स्पष्टीकरण किया।


Head, Department of Hindi
KNBAC & VPS College Bhosare


प्रभारी प्राचार्य
के.एन.भिसे ज्यूनियर कॉलेज ऑफ आर्ट्स
कॉमर्स अँड विनायकराव पाटील सायन्स
कॉलेज, विद्यानगर भोसरे, जि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's

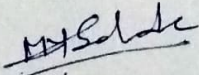
**K.N.Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare**

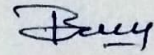
Department Of Hindi

Advance Learner Students List

Academic Year 2021-22

Sr.No.	Student Name	Class
1.	Shubham Nagnath Londhe	B.A. III
2.	Shaharukh Rasul Shaikh	B.A. III
3.	Najiya Sameer Bagwan	B.A. III
4.	Archna Sidram Polke	B.A. III
5.	Namrata Ravindra Thorat	B.A. III
6.	Amruta Laxman Bhanvase	B.A. III
7.	Viki Dilip Bagal	B.A. III
8.	Supriya Bapurao Ghodake	B.A. III
9.	Amar Madan Gore	B.A. III
10.	Raviraj Lalchand Gade	B.A. III
11.	Rushikesh Ranihari Vyavahare	B.A. III
12.	Pooja Mahadeo Gade	B.A. III
13.	Nikhil Balasaheb More	B.A. III
14.	Vishwas Shivaji Navale	B.A. III


Head, Department of Hindi
KNBAC & VPS College Bhosare



Madha Taluka Shikshan Prasarak Mandal's

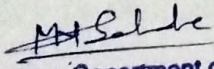
**K.N.Bhise Arts Commerce and Vinayakrao Patil Science College,
Vidyanagar Bhosare**

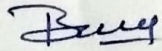
Department Of Hindi

Slow Learner Students List

Academic Year 2021-22

Sr.No.	Student Name	Class
1.	Ganesh Popat Londhe	B.A. III
2.	Rohit Kalyan Shinde	B.A. III
3.	Nasir Mubarak Mujawar	B.A. III
4.	Aman Akbar Sayyad	B.A. III
5.	Prakash Dadasaheb Hanvate	B.A. III
6.	Baburav Bajirang Dhere	B.A. III


Head, Department of Hindi
KNBAC & VPS College Bhosare


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K.N. Bhise Arts, Commerce and VinayakraoPatil Science College,
Vidyanagar, Bhosare**

Paranda Road, Kurduwadi Tal-MadhaDist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbacck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

No. KNBACAVPSC/

Date : 05/05/2022

सेवा में

मा.प्राचार्य,

के.एन भिसे आर्ट्स कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज,
विद्यानगर भोसरे, कुडूवाडी

विषय - दिनांक ०५ /०५ /२०२२ को बैंक ऑफ महाराष्ट्र शाखा - कुडूवाडी में बैंक क्षेत्रभेट के लिए
अनुमति मिलने के संदर्भ में.

महोदय ,

उपरोक्त संदर्भ के अनुसार नम्रता से निवेदन करती हू कि, बी ए भाग तीन के 'प्रयोजनमूलक हिंदी' पेपर के अंतर्गत प्रत्यक्ष ' बैंक क्षेत्रभेट' बैंक ऑफ महाराष्ट्र, शाखा - कुडूवाडी में दिनांक ०५ /०५ /२०२२ को छात्रों को ले जाकर बैंक में हिंदी का व्यवहार क्षेत्र क्या है, जमा पर्ची, निकाशी पर्ची, चेक, ड्राफ्ट, पर्ची ऑनलाइन ट्रजक्शन, एटीएम सेवा , तारण सेवा , आर टी जी एस आदि के बारे में विस्तृत जानकारी देना आवश्यक है ।

कृपया इस 'बैंक क्षेत्रभेट' बैंक ऑफ महाराष्ट्र शाखा - कुडूवाडी में छात्रों को ले जाने के लिए आपकी की अनुमती मिल जाए ।

धन्यवाद

प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
**K.N. Bhise Arts, Commerce and VinayakraoPatil Science College,
Vidyanagar, Bhosare**

Paranda Road, Kurduwadi Tal-MadhaDist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbacck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

No. KNBACAVPSC/

Date : 05/05/2022

सेवा में,

मा. व्यवस्थापक

बैंक ऑफ महाराष्ट्र शाखा - कुईवाडी

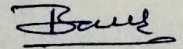
विषय - दिनांक ०५ /०५ /२०२२ को बैंक ऑफ महाराष्ट्र शाखा - कुईवाडी में बैंक क्षेत्रभेट के लिए अनुमति मिलने के संदर्भ में

महोदय,

उपरोक्त संदर्भ के अनुसार नम्रता से निवेदन करती है कि बी ए भाग तीन के 'प्रयोजनमूलक हिंदी'पेपर के अंतर्गत प्रत्यक्ष 'बैंक क्षेत्रभेट'बैंक ऑफ महाराष्ट्र शाखा - कुईवाडी में दिनांक ०५/०५/२०२२को छात्रों को उपस्थित रहकर बैंक में प्रयुक्त हिंदी का व्यवहार क्षेत्र क्या है?, जमा पर्ची, निकाशी पर्ची, चेक ड्राफ्ट पर्ची, ऑनलाइन ट्रजक्शन,एटीएम सेवा,तारण सेवा,आर.टी.जी.एस.आदि के बारे में विस्तृत जानकारी लेना आवश्यक है ।

कृपया आपके इस 'बैंक क्षेत्रभेट'बैंक ऑफ महाराष्ट्र शाखा - कुईवाडी में छात्रों को लाने के लिए आपकी की आनुमती मिल जाए ।

धन्यवाद।



प्रमारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील मायन्स कॉलेज
विद्यानगर भास, ज.सोलापूर

'बैंक क्षेत्रभेट'

दिनांक ०५ /०५ /२०२२

मा.प्राचार्य

के.एन भिसे आर्ट्स कॉमर्स अॅन्ड विनायकराव पाटील सायन्स कॉलेज,
विद्यानगर भोसरे, कुर्डूवाडी

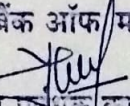
विषय - दिनांक ०५ /०५ /२०२२ को 'बैंक ऑफ महाराष्ट्र शाखा -कुर्डूवाडी'में बी ए भाग तीनके छात्रों
के बैंक क्षेत्रभेट के संदर्भ में

महोदय ,

उपरोक्त संदर्भ के अनुसार दिनांक ०५ /०५ /२०२२ सुबह ठीक १० .१५ मि को आपके के.एन भिसे आर्ट्स कॉमर्स अॅन्ड विनायकराव पाटील सायन्स कॉलेज, विद्यानगर भोसरे, के हिंदी विभाग के बी ए भाग तीन केसभी छात्रों ने उपस्थित रहकर प्रत्यक्ष 'बैंक क्षेत्रभेट'बैंक ऑफ महाराष्ट्र शाखा - कुर्डूवाडी में दी । छात्रों ने बैंकमें आकर जमा पर्ची ,निकाशी पर्ची ,चेक ड्राफ्ट पर्ची ,ऑनलाइन ट्रजक्शन ,एटीएम सेवा ,तारण सेवा ,आर टी जी एस , बैंकिंग व्यवहार क्षेत्र में हिंदी भाषा का महत्व किस प्रकार है तथा ई-बैंकिंग आदि के बारे में विस्तृत जानकारी ली है ।

बैंक ऑफ महाराष्ट्र शाखा - कुर्डूवाडी में छात्रों कौबैंक क्षेत्रभेटके लिएले आने के लिए आपका तथा महाविद्यालय के हिंदी विभाग के सभी छात्रों का विशेष सहयोग मिला ।

धन्यवाद ।

कृते बैंक ऑफ महाराष्ट्र

शाखा प्रबंधक, कुर्डूवाडी
जि. सोलापूर



Madha Taluka Shikshan Prasarak Mandal's
**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

हिंदी विभाग

बैंक क्षेत्रभेट - अहवाल

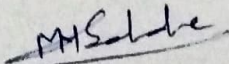
दिनांक ०५/०५/२०२२

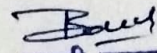
के. एन. भिसे आर्ट्स कॉमर्स अॅण्ड विनायकराव पाटील सायन्स कॉलेज, विद्यानगर, भोसरे के हिंदी विभाग की ओर से बी. ए. भाग तीन के सभी छात्रों ने दिनांक ०५/०५/२०२२ उपस्थित रहकर प्रत्यक्ष 'बैंक क्षेत्रभेट' बैंक ऑफ महाराष्ट्र शाखा - कुर्दवाडी में दी।

आधुनिक युग में दैनंदिन व्यवहार में हिंदी के बढ़ते महत्त्व को स्पष्ट करना तथा हिंदी का प्रचार प्रसार करना इस 'बैंक क्षेत्रभेट' का प्रधान हेतु था। बैंक व्यवहार से संबंधीत छात्रों को जानकारी देने हेतु इस क्षेत्रभेट का आयोजन किया था।

छात्रों ने बैंक में आकर जमा पर्ची, निकाशी पर्ची, चेक ड्राफ्ट पर्ची, ऑनलाइन ट्रंजेक्शन, एटीएम सेवा, तारण सेवा, आर. टी. जी. एस., बैंकिंग व्यवहार क्षेत्र में हिंदी भाषा का महत्त्व किस प्रकार है तथा ई-बैंकिंग आदि के बारे में विस्तृत जानकारी ली है। बैंक में प्रयुक्त हिंदी का व्यवहार क्षेत्र क्या है? इसके बारे में बैंक अधिकारी श्री. व्यवहारे साहब ने छात्रों को उदाहरण देकर स्पष्टीकरण किया।

बैंक ऑफ महाराष्ट्र शाखा - कुर्दवाडी में छात्रों को बैंक क्षेत्रभेट के लिए ले आने के लिए मा. प्राचार्य डॉ. पी. एस. कांबळे सर, बैंक अधिकारी श्री. व्यवहारे साहब, हिंदी विभागप्रमुख डॉ. मनीषा साळुंखे, सहायक प्राध्यापक रोहिदास रोकडे, सहायक लिपिक माजी छात्र पाटील तथा महाविद्यालय के हिंदी विभाग के सभी छात्रों का विशेष सहयोग मिला।


Head, Department of Hindi
KNBAC & V. S. College Bhosare


प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अॅण्ड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

Madha Taluka Shikshan Prasarak Mandal's
K.N. Bhise Arts, Commerce and VinayakraoPatil Science College,
Vidyanagar, Bhosare

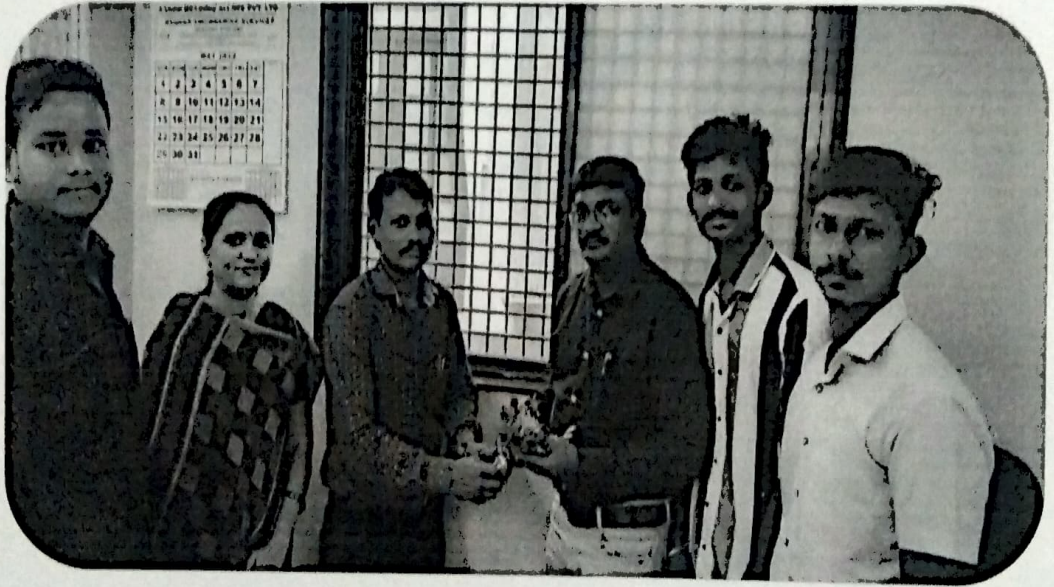
हिंदी विभाग

बैंक क्षेत्रभेट

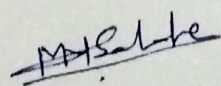
Year 2021-22

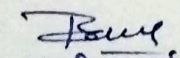


बैंक अधिकारी श्री .व्यवहारे साहब तथा सहायक लिपिक माजी छात्रपाटील ,आर टी जी एस का फॉर्म छात्रों को समझाते हुए



बैंक अधिकारी श्री .व्यवहारे साहब का सत्कार करते हुए सहायक प्राध्यापक रोहिदास रोकडे सर


Head, Department of Hindi
KNBAC & VPS College Bhosare


प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

**K.N. Bhise Arts commerce Vinayakrao Patil Science College Vidyanagar
Bhosare**

Dept of Hindi

Name Of the Event - Bank Visit

Year 2021-22

Sr. no	Name Of Student	Mo. No	Signature
1]	Archana Sidram Polke	7219673965	A.S. Polke
2]	Pooja Mahadeo Gade	8788838499	Pooja
3]	Najiya Sameer Bagwan	8855849807	N.S. Bagwan
4]	Supriya Bapurao Ghadate	7666118058	Supriya
5]	Bagal Viki Dilip	9112350809	Viki Bagal
6]	More Ntkhil Bulascheh	7778042597	More
7]	NASIR Mujawar	8080501601	NASIR
8]	Londhe Ganesh Popat	8669556726	Ganesh Londhe
9]	Raviraj Lalchand Gade	7070257142	R.L. Gade
10]	Amar Maldan Gore	7218512811	Amar
11]	Vishwas Shikaji Navale	7038712242	V.S. Navale
12]	shaharukh Rasul shuikh	9156297118	shaharukh
13]	shubham Nagnath Londhe	7057239534	shubham
14]	sayyad Aman AKbar	8329891825	A.A. sayyad
15]	B.B. Barav Brijrang Dhare	9011680394	B.B. Dhare
16]	shinde Rohit Kalyan	8669476634	Rohit

M.H. Salunkhe

Head, Department of Hindi
K.N.B.A.C. & V.P.S. College, Bhosare

Madha Taluka Shikshan Prasarak Mandal's
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Vidyanagar, Bhosare**

Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

E-mail :- knbaeck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

No. KNBACAVPSC/

Date : 05/04/2022

सेवा में,

मा.प्राचार्य,
के.एन.भिसे आर्ट्स कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज,
विद्यानगर भोसरे, कुईवाडी

विषय - दिनांक ०५ /०४ /२०२२ को पोस्ट ऑफिस शाखा - कुईवाडी में पोस्ट क्षेत्रभेट के लिए
अनुमति मिलने के संदर्भ में

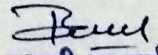
महोदय ,

उपरोक्त संदर्भ के अनुसार नम्रता से निवेदन करती है कि बी ए भाग तीन के 'प्रयोजनमूलक हिंदी'
पेपर के अंतर्गत प्रत्यक्ष ' पोस्ट ऑफिस क्षेत्रभेट' पोस्ट ऑफिस शाखा - कुईवाडी में दिनांक ०५ /०४ /२०२२ को
छात्रों को ले जाकर पोस्ट ऑफिस में हिंदी का व्यवहार क्षेत्र क्या है ,

पोस्ट व्यवहार से संबंधित छात्रों को जानकारी देने हेतु इस क्षेत्रभेट का आयोजन किया था। हिंदी का
प्रचार प्रसार करना इस कार्यक्रम का प्रधान हेतु था।

कृपया इस 'पोस्ट क्षेत्रभेट' पोस्ट ऑफिस शाखा - कुईवाडी में छात्रों को ले जाने के लिए आपकी
आनुमती मिल जाए ।

धन्यवाद ।


प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
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Fax No. :- (02183)223245

No. KNBACAVPSC/

Date : 05/04/2022

सेवा में,

मा. व्यवस्थापक

पोस्ट ऑफिस शाखा - कुईवाडी

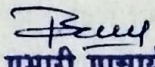
विषय - दिनांक ०५ /०४ /२०२२ को पोस्ट ऑफिस शाखा - कुईवाडी में पोस्ट ऑफिस क्षेत्रभेट के लिए अनुमति मिलने के संदर्भ में

महोदय,

उपरोक्त संदर्भ के अनुसार नम्रता से निवेदन करती है कि बी ए भाग तीन के 'प्रयोजनमूलक हिंदी' पेपर के अंतर्गत प्रत्यक्ष पोस्ट ऑफिस शाखा - कुईवाडी में दिनांक ०५/०४/२०२२ को छात्रों को उपस्थित रहकर पोस्ट ऑफिस में प्रयुक्त हिंदी का व्यवहार क्षेत्र क्या है? पोस्ट व्यवहार से संबंधित छात्रों को जानकारी देने हेतु इस क्षेत्रभेट का आयोजन किया था। हिंदी का प्रचार प्रसार करना इस कार्यक्रम का प्रधान हेतु है।

कृपया आपके इस ' पोस्ट ऑफिस शाखा - कुईवाडी ' में छात्रों को लाने के लिए आपकी की अनुमती मिल जाए ।

धन्यवाद।


प्रमारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

**K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

हिंदी विभाग

पोस्ट ऑफिस क्षेत्रभेट - अहवाल

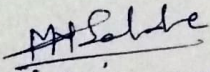
दिनांक ०५ /०४ /२०२२

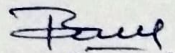
के.एन भिसे आर्ट्स कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज, विद्यानगर भोसरे, के हिंदी विभाग की ओर से बी ए भाग तीन के सभी छात्रों ने दिनांक ०५ /०४ /२०२२ को ठीक समय 3:00 मि. पर 'पोस्ट ऑफिस शाखा - कुईवाडी' में प्रत्यक्ष उपस्थित रहकर क्षेत्रभेट दी।

आधुनिक युग में दैनंदिन व्यवहार में हिंदी के बढ़ते महत्व को स्पष्ट करना तथा हिंदी का प्रचार प्रसार करना इस 'पोस्ट ऑफिस क्षेत्रभेट' का प्रधान हेतु था। पोस्ट व्यवहार से संबंधित छात्रों को जानकारी देने हेतु इस क्षेत्रभेट का आयोजन किया था। हिंदी का प्रचार प्रसार करना इस क्षेत्रभेट का प्रधान हेतु था।

इस क्षेत्रभेट में पोस्ट ऑफिस में विभिन्न पत्र व्यवहार कैसे होता है आवेदन पत्र, वाणिज्य पत्राचार, पदाधिकारियों के नाम पत्र, भुगतान पत्र, शिकायती पत्र, क्रयादेश पत्र, संदर्भ पत्र आदि के बारे में त्वरित ई पोस्ट सेवा, त्वरित मनी ऑर्डर सेवा, स्पीड पोस्ट स्थिति की नवीनतम जानकारी, ई - एम् ओ की स्थिति, भारतीय डाक स्पीड पोस्ट, डाक पार्सल की जानकारी, ई-बुक आदि के बारे में विस्तृत जानकारी मिली।

'पोस्ट ऑफिस शाखा - कुईवाडी' में छात्रों को 'पोस्ट ऑफिस क्षेत्रभेट' के लिए ले आने के लिए मा. प्राचार्य डॉ. पी. एस कांबळे सर, पोस्ट अधिकारी श्रीमती कोली मैडम, हिंदी विभागप्रमुख डॉ. मनीषा साळुंखे, सहायक प्राध्यापक रोहिदास रोकडे, सहायक पोस्टमन प्रकाश पोलजी तथा महाविद्यालय के हिंदी विभाग के सभी छात्रों का विशेष सहयोग मिला।


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विनायकराव पाटील सायन्स कॉलेज
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K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

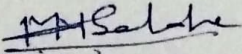
हिंदी विभाग
पोस्ट ऑफिस क्षेत्रभेट - अहवाल

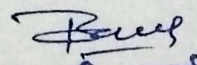


पोस्ट अधिकारी श्रीमती कोली मैडम तथा उनके सहकारी पोस्ट कर्मचारी के साथ हिंदी छात्र



पोस्ट ऑफिस क्षेत्रभेट देते हुए हिंदी छात्र


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**K.N. Bhise Arts commerce Vinayakrao Patil Science College Vidyanagar
Bhosare**

Dept of Hindi -

Name Of the Event - Post Visit

Year 2021-22

Sr. no	Name Of Student	Signature
①	Archana Sidram Polke	A.S. Polke
②	Amruda Bhanawe Laxman	A.L. Bhanase
③	Supriya Bapurao Ghodake	Sus
4)	Najiya Sameer Bagwan	N.S. Bagwan
5)	Amar Madan Gose	Bose
4)	Nasir mubarak mujawar	NM
5)	Nishlas Shikaji Nandale	N.S. Nandale
6)	Nikhil Balasahab more	Nmore
7)	Ganesh Popat Londhe	Londhe GB
8)	Raviraj Lalchahad Gade	R.L. Gade
9)	Pooja Mahadeo Gade	Kelapm
10)	Shaharukh Rasul shuikh	SR
11)	Londhe shubham Ndyndth	shubhm
12)	sayyad Aman Akbar	A.A. sayyad
13)	Bharav Bhirang Dhore	B.B. Dhore
14)	shinde Rohit kalyan	Rohit

M.S. Lohar
Head, Department of Hindi
KNBAC & VPS College Bhosare

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce And Vinayakrao Patil Science College,
Vidyanagar , Bhosare.
Department of MARATHI

Advance/slow Learners programe

Sr.no	Activity Name	Year/Date	Advance/slow Learner	Class
१	निबंध स्पर्धा	17/01/2022	Advacnce Learner	बी .ए I,II,III
२	पुस्तक परीक्षण	15/03/2022	Advacnce Learner	बी.कॉम-I
३	सेमिनार	17/05/2022	Advacnce Learner	बी .ए I,II,III
४	अभ्यासक्रमावर आधारित परीक्षा -	10/03/2022	slow Learner	बी.ए,II
५	चर्चासत्र	10/03/2022	Advance/slow Learner	बी .ए II,III
६	विशेष व्याख्यान -मराठी भाषा आणि पत्रकारिता	20/01/2022	Advance/slow Learner	बी.एIII

**Advance Learners (प्रगत) Slow Learners(अप्रगत)विद्यार्थी निवडण्याची
पद्धत**

मराठी विभागाने सुरुवातीला Slow and Advance Learners खालील पद्धतीच्या
आधारे शोधून त्यांच्यासाठी विविध कार्यक्रमांचे आयोजन केले.

- १.तासाच्या वेळी झालेल्या चर्चेवरून प्रगत /अप्रगत विद्यार्थी ठरवले
२. वेळोवेळी प्रश्नपत्रिका सोडून घेतल्यानंतर केलेल्या मुल्यमापनावरून.
- ३.मागील झालेल्या विद्यापीठाच्या परीक्षेच्या मार्क /निकाल पाहून .

• **Advance Learners साठी विशेष कार्यक्रम :-**

१. निबंध स्पर्धा ,प्रश्नमंजुषा,गटचर्चा,वादविवाद स्पर्धा,इत्यादी स्पर्धांच्या माध्यमातून त्यांच्या कौशल्यात वाढ करणे .
२. अशा कार्यक्रमांच्या माध्यमातून विद्यार्थीमध्ये त्यांचे विचार प्रत्यक्षपणे मांडण्याचा आत्मविश्वास निर्माण करणे.ते कवितेच्या / पोस्टर च्या माध्यमातून मांडतील .
३. विद्यार्थ्यांना संदर्भ पुस्तके उपलब्ध करून देणे.
४. विद्यार्थ्यांना अभ्यासक्रम चर्चासत्रात,सेमिनार मध्ये सहभाग.

• **Slow Learners साठी विशेष कार्यक्रम :-**

१. या विद्यार्थ्यांना लेक्चर झाल्यानंतर विशेष अशी शिकवणी/तास घेऊन त्यांच्या समस्या सोडवणे.
२. अशा विद्यार्थ्यांना उपचारात्मक Remedial Teaching) वर्गाचे नियोजन केले.
३. अशा विद्यार्थ्यांना notes,question bank, whatsApp group वर तसेच blog etc...वर पुरवले.
४. या विद्यार्थ्यांना मागील परीक्षेच्या प्रश्नपत्रिका सोडवण्यास सांगितल्या.

दि: १७/०३/२०२२

मराठी विभाग

Special Program For Advance Learner

विशेष प्रावीण्य मिळवलेल्या विद्यार्थ्यांसाठी कार्यक्रम

या दिवसाची सुरुवात मराठी भाषेत्या सन्मानार्थ निबंध लेखन निबंध स्पर्धेने झाली. या स्पर्धेत महाविद्यालयातील आर्ट्स, कॉमर्स आणि सायन्स या तिन्ही विभागातील विद्यार्थ्यांनी मोठ्या संख्येने सहभाग नोंदवला.

निबंध स्पर्धा - विषय

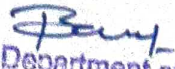
- १) मराठी असे आमुची मायबोली
- २) माझा मराठाची बोलु कौतुके
- ३) मला आवडलेला ग्रंथ .


स्पर्धेचा निकाल खालीलप्रमाणे :

प्रथम क्रमांक : ऋतुजा सुनील कोरे

द्वितीय क्रमांक : जाधव निकिता नवनाथ

तृतीय क्रमांक : सत्यद करिश्मा निजामोदीन


Head, Department of Marathi
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विद्यानगर भोसरे, जि. सोलापूर

Name - Rutuja Sunil Kore.

class - B.A.I)

Roll No :: 1057

Subject - Marathi essay.

* मराठी असे आमची माथबोली *

मराठी ही महाराष्ट्राची लोकभाषा, मातृभाषा व एकमेकांशी संवाद करण्याची भाषा म्हणून निदान श्रुतरी वर्षे आतल्याने वापरत आहे. आपण ज्या भाषेत जन्मतो, वाढतो ती भाषा आपल्या आयुष्याचा एक अविभाज्य भाग असते. 27 फेब्रुवारी हा कविवरि कुमुमाग्रजांचा जन्मदिन आपण आरंभ "मराठी भाषा" दिन म्हणून आजरा करता. मराठीचा दुसरा जानपीठ मिळवून देणार कुमुमाग्रज हे महान कवी या मातीत जन्मले हे आपले भाग्यच होय. मराठीची काव्य परंपरा आद्यारंभतः ज्ञानेश्वरांपासून मानली जाते. मराठी कवितेचा भक्कम पाया ज्ञानेश्वरांनी रचला. त्या भक्कम पायावर आज मराठीची परंपरा उभी आहे. मराठी अशी भाषेवान की तिचा अर्धव अनेक शुभ्रतांची शोबत लाभली. साहित्यिकांनी मराठी भाषेला नटकून घेवून शुंदर केले. शुद्ध केले. मराठी भाषेत कलमय साहित्याची निर्मिती होत आहेत. मराठी लेखक जानपीठ पारि-तोषकांचे मानकरी होत आहे. वास्तविक मराठी भाषेची किती विविध गोडस रूप आहेत. आहे. शोभी, वहीडी, डांगी, मराठा, डाडी, कोकणी या बोली एकताना एक वेगळेच आनंद मिळतो. मराठी भाषा अतिशय लवचिक आहे. एका शब्दाचे अनेक अर्थ आहेत. यामुळेच मराठी भाषा, असह्य, डावी आहे. मराठी भाषेचा उगम संस्कृत पासून प्रतर विचे व्याकरण आणि वाक्य रचना प्राकृत पासून

नगर झाले आहे. काळ बदलला, तसे मराठी भाषेत अनेक
बदल झाले आहेत. मराठी भाषेत शरबी, फारशी, कूनडी,
हिंदी, इंग्रजी अशा अनेक भाषांतले शब्द झाले आहेत.
माझी मराठी मायबोली, नंतरचात न्हाऊन निहाली आहे.
संगार, वीर, करुण, शैव, हास्य, अथानक, वीभक्त्य, अद्भूत
व शांत हे ते शब्द. माझ्या मायबोलीचा शारद्वत गागर
अर्धव उखललेला असतो. आर्वी, अभाग, आर्था, आरुड, वाव-
ळण, लावणी या काव्यप्रकारांनी.

भारताच्या हातनेचे शिल्पकार डॉ. बाबासाहेब आंबेड-
कर यांनी मराठीतूनच दलितांची आत्मता जागृत केली. छत्रपती
शिवानी महाराजांनी नेहमीच मराठी शंस्कृतीचे आणि मराठी
रक्षण केले. संगणक आणि मोबाइल यामध्ये सुद्धा मराठी भाषा
आतुरीय चांगल्या प्रकारे वापरता येते. आतुरजात्मावशु कुठली जात
मराठी भाषा वापरण्यास काळीच अडचण येत नाही. ऑनलाईन
व्यवहारांमध्ये सुद्धा मराठी भाषा हळूहळू पाऊस टाकत आहे.
त्याचप्रमाणे एटीएम, शाळा बँकांच्या मशीनवर सुद्धा मराठी
भाषा वापरली जाते. महाराष्ट्रामध्ये लाबुका आणि जिन्हा न्या-
याभूयाचे काम मराठी भाषेतून चालते. मराठी भाषेमध्ये दर
वर्षी हजारो पुस्तके प्रकाशित होतात. मराठी भाषेत उपलब्ध
असणारे कोश वाचनय ही जगातील कोणत्याही भाषेइतके समृद्ध
आणि विशाल आहे. भारत देशामध्ये सर्वाधिक ग्रंथात्मय
महाराष्ट्रात आहे मराठी ही ज्ञानभाषा आणि न्याय व्यवहाराची
भाषा बनकयामध्ये निश्चितच आपण यशस्वी झालो आहोत.
मराठी शाब्दिक रूप मोठे आहे. केवळ त्याची ओन्ख
करून देणे व आजच्या पिढीला ओळख करून देणे गरजेचे होत
चालले आहे. केवळ आपल्या बोलण्यातून नव्हे, तर आपल्या
आचारातून आणि विचारांमधून देखील मराठी भाषा दिश्यायला
हवी आणि ही जबाबदारी आजच्या तरुण पिढीची आहे. मराठी
ही आपल्यासाठी केवळ एक भाषा नसून ममतेचे, वात्सल्याचे आणि
अंकाशचे बीज आहेत. जसे भाषेचे बीज लेकरासाठी हळुवार आणि

प्रेमळ अशावात व वेळप्रसंगी जी आई मुलाच्या चांगल्यासाठी
कडोर शब्दांनी बोलते तशीच आपली मराठी आहे. तिच्या शब्दा
ची शक्ती प्रचंड आहे. मराठी शिकांच्या हृदय शिंशुनावर
आरूढ झालेली आहे. तिची थोरवी वगळी वितकी थोडिव
आहे. शंत ज्ञानेश्वर माऊली, शंत तुकाराम, कवी केशवसुत,
बा. री. मढेकर, कुमुतागज, बा. म. बोरकर ते विदा करदीकर
मंगेश पाडगावकर इत्यादी कवींनी तिचा शब्दलेख्यांनी या
कारलेली आहे.

आज मराठी ज्या रूपात जिवंत आहे ती फक्त शि-
वाजी महाराजांमुळे त्यांच्या काळात मराठीला थर मत्त्व प्राप्त
झाले. शासकीय कामकाज आणि बोली भाषा म्हणून मराठी
विस्तार झाला. मराठी भाषेवरले पाश्चिमी भाषेचा प्रभाव
था काळातच कमी झाला. था काळात मराठी ही मोठी
लिपीत लिहिली जात असे. मराठीचे स्वतःचे राज्य असावे,
मराठीला राजभाषेचा मान मिळावा म्हणून वर्षानुवर्ष हजार
मराठी शुकुतांनी छडपड केली, संघर्ष केला. प्रसंगी छविदानर्त
दिले. अशी था महाराष्ट्रातील शूरवीरांची आकांक्षा होती. त्या
च्या आविर्भूत प्रयत्नांनी १९६० साली १ मे च्या मुहुतावर मराठी
ही राजभाषा झाली. मातृभाषेकून प्राथमिक व माध्यमिक शिक्ष
द्यत्कस्थामुळे मुलांना कुटुंब समाज यांच्याविषयी आस्था, वाच
नाची गोडी, कविता आणि सामाजिक समरसता निर्माण होते
मुलांच्या कळत्याला अजाबा देण्याचे काम मातृभाषा करते.
त्यामुळे मुलांना मातृभाषेवर व बोलीभाषेवर प्रेम करायला
शिकवा. प्रत्येक मराठी माणसाला मराठी भाषा बोलता, लिहता.
वचता आली पाहिजे. तरुण पिढी माठ्या प्रमाणात इंग्रजी
भाषेचा वापर करते आहे. त्यामुळे कुठतरी इंग्रजी भाषेचे व
स्व मराठी भाषेवर प्रस्थापित झालेले दिसून येते. मराठी भाषे
वापर कमी होताना दिसत आहे हे असेच चाकू शक्ति तर ए
दिवस मराठी बोली भाषेकून विभक्त होईल. म्हणूनच मराठी
भाषेचे संवर्धन ही काळाची गरज झाली आहे.

" माझ्या मराठी मातीचा . लव्हा लव्हातसु टिळा .
हिच्या अंगाने जगल्या . दयाखाज्यातिसि सिळा .
हिच्या कुशीत जन्मले . काळ कळखर हात .
ज्याच्या दुर्दम धारिणे . केले सुल्लुखी मात ."

मास्तत्तु नळे तर मराठी भाषा मॉरिशस
व इस्त्रायल मध्ये बोलली जाते . मराठी भाषा दिवस आजरा कर-
ण्यासाठी महाराष्ट्र भार विविध सांस्कृतिक , शैक्षणिक , भाषिक ,
कार्यक्रम आला आणि इतर संस्था मध्ये आयोजित केले जातात .
मातृभाषेवरून जे अक्षर प्राप्त होतात ते मनुष्याच्या अंतःकरणात
कार्यमधे रुजवले जातात . मानवी जीवनात सुखांना फार महत्त्व
आहे . मराठी भाषिक म्हणून आपल्या भाषेचे ज्ञान पुढे
पिढात पोहचवणे गरजेचे आहे . तसेच शिक्षण , माहिती आणि
तंत्रज्ञान यासाठी मराठी भाषेचा वापर याच गोष्टी मराठी भा-
षेचे अस्तित्व टिकवणारे आहेत .

"ने मजशी ने तु परत मातृभूमिचा,
सागरा प्राण तळमळला : सागरा!"

असे म्हणायच्या स्वातंत्र्यवीर अणुभक्त्यांचा हा देश आहे . पर-
देशी जाऊन ही आपली मायबाही . मराठी भाषा आणि आ-
पल्या देशावर एवढे प्रेम करणारे लोक आपल्या याच महारा-
ष्ट्रात आपल्याला दिले . भाषा जगली तर समाज जगत अशी
मराठी भाषा . मराठी अस्मृती या गोष्टी मराठी माणसाने जतन
केल्या तर आपली अस्मृती टिकेल आणि तसेच भाषा अजरामर
रहिल . भाषेच्या दवाखे मानवाचा विकास होतो . म्हणूनच मराठी
भाषेचा जगण करून तिचे अर्थवर्धन करून . तिला पुढे एकदा
समाजामध्ये प्रतिष्ठित भाषेचा दर्जा मिळवून देण्याची नैतिक जबा-
बदारी आता आपली आहे . म्हणूनच मला मराठी भाषा रूप
आवडते . त्यासाठी मी भाषा जपण्यासाठी पूर्ण प्रयत्न करेन .
उठा चला , उठा चला , जागर करूया सारे .
मराठी आमुची मायबाही . मराठी आमुची शान .
एकसुराने गाऊया त्याचे गुणगान ... !! ... !! ... !! ... !!

Madha Taluka Shikshan Prasarak Mandal's
K.N.Bhise Arts, Commerce And Vinayakrao Patil Science College,

Bhosare Kurduwadi

Tal- Madha Dist- Solapur Pin-413208

मराठी विभाग

पुस्तक परीक्षण अहवाल

महाविद्यालयातील मराठी विभाग हा प्रत्येक कार्यक्रमात सक्रिय सहभाग घेणारा विभाग म्हणून सर्वांना परचित आहे. दर वर्षी मराठी विभागांतर्गत विविध कार्यक्रमांचे आयोजन केले जाते. जे की विद्यार्थ्यांच्या व्यक्तिमत्त्व विकासास, त्यांच्या ज्ञान वृद्धीस आवश्यक आहेत. मराठी विषय असणाऱ्या B.A I /B.Com I च्या विद्यार्थ्यांसाठी पुस्तक परीक्षण चे आयोजन करण्यात आले. दिनांक 15 /03/2022 रोजी विद्यार्थ्यांना त्यांनी वाचलेल्या एका पुस्तकावर परीक्षण घेऊन करून आणण्यास सांगितले. या पुस्तक परीक्षण मध्ये BA II /B.Com I च्या २० विद्यार्थ्यांनी सहभाग घेतला होता . यामध्ये सर्व विद्यार्थ्यांनी वेगवेगळे पुस्तक घेवून आपले पुस्तक परीक्षण केले.

Head, Department of Marathi
KNBAC & VPS College, Bhosare.

नाव - गेहा धनंगम खुणे

B. Com - I

Roll No - 1856

विषय - पुस्तक परिक्षण (मराठी)

K.N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanager, Bhesare.

मला आवडलेल एक पुस्तक

- मन में है विश्वास

मला वाचनाचा खूप छंद आहे. पाठ्यपुस्तकां-
सोबतच इतरही अनेक पुस्तके वाचण्याची मला
आवकू आहे. 'मन में है विश्वास' हे पुस्तक खूप
आवडते.

'मन में है विश्वास' या पुस्तकाचे लेखक
विश्वास नांगरे पाटील हे आहेत. हे पुस्तक राजहंस
प्रकाशन ये पुस्तक आहे. त्यांनी त्यांच्या जीवनांवर हे
पुस्तक लिहिले. पुस्तकाचा मुख्य पृष्ठ अन्नादी साधे पण
एकदम रुबावदार व हे पुस्तक हाली घेतलां की
बंद न करायला वाटतार अस हे पुस्तक त्यावर सरांचा
खाकी वर घालला फोटो पाहून प्रेरणा मिळते.
या पुस्तकामध्ये सरांचा जीवन प्रवास ११ घटकांमध्ये
भांडला आहे. सरांचा जीवन प्रवास सुरू होतो. गाव
गोतावळा, शाळा, लामरकुल, अकरावी - बारावी, बी.ए.
एम. ए. मुंबई विद्यापीठ, एस. आय. ए. सी, यु.
पी. ए. सी पूर्व परीक्षा, एम. पी. एस. सी. चं घांडमंदान,
संयुक्त मोहीम. आठो अखेरची पायरी, २६/११ च्या
आतिरेखी हल्ला त्यांनी दाखविलेली प्रसंग क्षणाक्षणा
केलेल्या मृत्यूशी सामना हे सगळ पुस्तकामध्ये भांडले
आहे.

सह्याद्रीच्या कुशीत आणि वारणेच्या कुशीत
वसलेले 'कौकरुड' हे सरांचे गाव. सर खूप कुशार
होते. त्यांनी या पुस्तकामध्ये त्यांच्या गावकऱ्या लहान
पणीच्या आठवणी, उल्लाखा खुद्दीत केलेली मुग्गा, सनवार
यात्रा, कुस्तीचे फड, २०१७३ यांमध्ये सांगितले आहे.

१९९७ सालच्या यु.पी. एस. सी. च्या निवड यक्षित
सरांचे नाव होतं. आय. पी. एस. मध्ये निवड झाल्यावर
अधिकाधिक मराठी मूल यु. पी. एस. सी. ची तयारी
करावी म्हणून सर महाराष्ट्रातील अनेक व्यक्तीपासून
शाळा महाविद्यालया मध्ये गेले मुलांशी संवाद साधला.
मनातील सर्व शंका आणि प्रश्नांना उत्तरे देण्याचा
प्रयत्न केला. त्यांनी मुलांना स्पर्धा परिदृश्याची कसी
तयारी करावी हे सांगितले. गावकऱ्यांची मुले वेडी
स्पर्धा देऊन स्पर्धापरिदृश्याची स्पर्धा उराशी बाळगून
राज असे शिक्के मूल मुंबई - पुण्याच्या गर्दीत घुसतात
फॉट बेसिसवर राहतात. बाहेरातील इगमगाट बघून
काहींचे डोळे दिपून जातात. आणि भग काही मूल
रहता चुकतात व कुठेली भलत्याच ठिकाणी गुरफ-
तात. त्यांचा ही प्रवास असाच वेळगावळणांचा होता
हे या पुस्तकात सांगितले आहे.

या पुस्तकामधून व्यप ह्या संदेश मिळतो.
'उठ ध्येय निश्चित कर' आयुष्या मध्ये जर लूहला
यशस्वी होयच असेल, ध्येय प्राप्त करायच असेल तर
कष्टाशिवाय पर्याय नाही. या पुस्तकामधून संदेश
मिळतो. या पुस्तकाचे वाचन केल्याने वाचणाऱ्यामध्ये
अभ्यासा विषयी दिशा, गोष्टी, जिद्द, चिकाटी
आत्म विश्वास प्रेरणा मिळते. म्हणून मला हे पुस्तक
व्यप आवडते. विश्वास नांगरे पाटील हे माझे
प्रेरणारथान आहेत. 'मन में है विश्वास' हे पुस्तक
वाचून मला व्यप फायदा झाला आहे. माझ्या प्रमाणे
इतर विद्यार्थ्यांशी स्पर्धापरिदृश्याची तयारी करणाऱ्या विद्यार्थ्यां

Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce & Vinayakrao Patil Science
College, Vidyanagar Bhosare.
Department of Marathi

Class - B. A. I/ II/ III
Year- 2021 - 22


STUDENTS SEMINAR


Date - 17/05 /2022

Sr. No.	Name Of The Students	Topic	Subject Knowledge	Body Language	Clear of Doubts	Confidence	Total 10 Mark	Signature
1	जवळी विठ्ठल नागनाथ	मॉडेलिंग आणि मा	04	02	02	02	10	Gandi
2	कशीरा अमर शेख	जोषाया	03	-02	02	03	10	shekh
3	कापरे विष्णुजी	आयुष्य	02	02	03	3	10	Kapre
4	अंजूम सामिद शेख	संतवाणी	03	02	03	02	10	Shukh
5	स्नेह पोचणकर	भारतीय	03	03	02	02	10	P.S.W.
6	अश्विनी	काम ?						
7	अश्विनी	काम व साहित्य	03	02	03	02	10	Khur
8								
9	अतकर विनायक	जीवन व विज्ञान	03	02	02	03	10	A.T.K.
10								
11								
12								
13								
14								
15								



Observer Teacher Name and Sign.


Head of Department
Head, Department of Marathi
KNBAC & VPS College, Bhosare.


Principal
प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

नावः नागनाथ विहल गवकी

वर्गः F.Y. B. Com

विषयः मराठी (मी आशि मांडे किंग)

रोल नं० 1869

मी आशि मांडे किंग

- प्रिया तेंडुलकर (१९ जुलै २००२)

प्रिया तेंडुलकर ह्या नव्या पिढीतील लक्ष्मिवेधी लेखिका. त्यांनी 'ज्याचा त्यांचा प्रश्न', 'जन्मलेल्या प्रत्येकाला', 'पंचतारांकित', 'जावे त्यांच्या वंशा', ही पुस्तके प्रकाशित केली. त्यांनी मध्यमवर्गीय रिगवाल्या बाहेर पडून विविध क्षेत्रातील नवीन प्रकल्पना थोर प्रयत्न केला. त्यांच्या पंचतारांकित पुस्तकाला महाराष्ट्र शासनाचा पुरस्कार मिळाला. आधुनिक स्त्रीजीवन व त्यांतील समस्यांमधील गुंतागुंतीचा शोध घेण्याचा प्रयत्न त्यांनी केला. प्रस्तुत पाठात आपल्या अनुभवाच्या आधारे लेखिकेने मांडे किंगचे बाह्यरंग आणि अंतरंग, त्यातील स्वप्ने आणि वास्तव यांचा वेध सांगण्याचा प्रयत्न केला आहे.

हे दोन शब्द एकमेकांजवळ ठेवताना लेखिकेला हसू येते. मी आशि मांडे किंग ?

कहान्यपत्री आवेधी लेखिका मासिक हातात घ्यायला मिळाल्या. आवेधी त्या मासिकाच्या पात्रावर हापलेली रंगीत, नीटनीटक्या कफडयानिक, सात्रीय। बायकांची चित्रे, इतर मुलीप्रमाणे, लेखिकाही ताननातास पाहत बसामय्या. बसामय्या कडेने कावलेल्या मोठ्याला, उंच बोर्डावरच्या बायका लेखिका मान पुढेपुढे पाहत बसामय्या त्या तमात ती चित्रे सज्जीव, बोलिली आहेत असे लेखिकेला वाटत असे. इतक्या उंचावर बसून राहून त्यांना किती कशी वास्त नाही असे लेखिकेला वाटायचे.

हॅल्फ पावडर जाहिरातातील बाई कशी टवळीत, तेजदार दिसते. विशिष्ट चुकाईच्या सावठाने

बावली मर कडे घुमनेकी वार्ड अजिबात न येकेलेकी. उमर आपले
 कडे असोचक घुमल्यामुळे गवावे आणि मानेवावे पुढून आलेकी दिवे.
 लकक्या नाहिरानीतीन कोठेन राहिले बावारी मुकगी
 मांघ केसांच्या दोन वेळा घालून हातात पुस्तक घेऊन हसत.
 दसन उभी असे, म्हणून तेथेचिही मांघा वेळा रिबनीने, बी
 घालून दुसऱ्या एवनी पुस्तक हाडिले घेवून ज्ञान असे.
 हाडिले वाडनी मुकंगा मर हा मासी आहे या विषयावर
 निम काढायला लागले, तर तेथेचिहे हिम पावडर वरील
 बाहेर निम काढून नेले. असे ताच्याच्या वयात असताना
 कोवळेका शिवपुत्रांच्या नाहिरानीतीन काम दयापयी इच्छा
 श्री. विकास देवाइ यांनी व्यक्त केले. श्रीमती दुर्गा श्री
 यांच्या जि. म. म. कंपनीसाठी ही नाहिरान करायची होती.
 बाबा म्हणाले, करत पहा. आणि येथून कोवळेका
 हाडिलेगांला सुकवान ह्याली.

श्रीमती दुर्गा श्री यांच्या द्वितीया पुनेवरील
 कुलासांच्या अकाझान दुकानातून कण्यांचा खरेदी करताना.
 वाड्याला हाका प्रसिध्द शिंपीवीलमोर आप देताना बिलकुल
 आठवल्यासारखे, कात्रिवाळा वाटत राहिले. मिळेल त्या आराशात
 तोंड पाहून मी माझा मेघा नाहिरानीतीन मुकमुगीत, मुक्याची.
 मुकीसारखा तर आका नाहिले ना याची खात्री करून घेत होत्या.
 त्याचा विलवार किफट मेघा, किफटिक अंगापटी पाहून कोवळेका
 वाटत राहिले, या मंडकीता वेड तर नसते लागले नाही नाई.

हाका बुडवून कोवळेका नाहिरानीत्या चित्रीकरणात
 गेल्या होत्या. कोवळेका मशीनवर बसून शिवते आहे आणि
 मासी आहे कोवळेकी वार्ड (ती मला मुकगीन वाटत होती.)
 मास कोडक करत आहे. मग ती शिवते आहे. आणि मी तिचे
 कोडक करत आहे, ती मला मशीनवर तिचे शिवलेला इस (मरा तर
 त्या शिंपीवीने शिवला होता.) घालून मास कोडक करते आहे.
 असे नाहिरानी श्री. विकास देवाइ यांनी त्यांच्याकडून करत घेतले
 कारण कोवळेका काम करतांय यांचे मान त्यांनी आणखीतच बळकत.

माढा तालुका शिक्षण प्रसारक मंडळ संघालित,
के.एन.भिसे आर्टस्, कॉमर्स अँड विनायकराव पाटील
सायन्स कॉलेज, विद्यानगर भोसरे

मराठी विभाग 2021-22, EXAM

Student Name ----- Glass B.A.II Roll No. -----

Attendance

Sr.No.	Name of the Student	Class	Signature
1	Ashutosh Sudhir Thakur	B.A.S.Y	Ashutosh
2	Panbude Sanket Anna	B.A.S.Y	Panbude.S
3	Kanade Vishal Vinod	B.A.S.Y	Kanade.V.
4	Karab Shahaji Dhane	B	
5	MAHESH Ajindath Lokare	B.A.S.Y.	M.A. Lokare
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17			Bauy
18	Head, Department of Marathi		प्रभारी प्राचार्य
19	KNBAC & VPS College, Bhosare.		के.एन.भिसे आर्टस्, कॉमर्स अँड विनायकराव पाटील सायन्स कॉलेज विद्यानगर भोसरे, जि. सोलापूर
20			
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25			

माढा तालुका शिक्षण प्रसारक मंडळ कुर्डूवाडी
के.एन.भिसे आर्ट्स, कॉमर्स आणि विनायकराव पाटील सायन्स
कॉलेज, विद्यानगर, भोसरे (सत्र परीक्षा) 2021-22

बी.ए. -II

सेतू (कविता संग्रह)

विषय-मराठी-कविता (सेतू-वसंत बापट)
पेपर नं. IV

सेमी-III


वेळ १ तास

गुण-१०

विद्यार्थ्याचे नांव : कानडे विशाल विनोद रोल नं. 1376

- १) सेतू कविता संग्रहातील पहिल्या कवितेचे नाव काय आहे.
अ) अजून ब) फुंकर क) नाटक ड) सेतू
- २) फुंकर या कवितेतील नायकाला कोणत्या वस्तू कपाटात ठरवलेल्या दिसल्या.
 अ) भूशाच्या राघू मैना ब) उलटे हृदय
क) रविवर्माची चित्रे ड) कशिदा
- ३) मातीहुन तुम्ही माती हिमालयाहुन भव्य तुम्ही असे कवी कोणविषयी म्हणतो.
अ) साने गुरुजी ब) महात्मा गांधी
क) विनोबा भावे ड) सरदार वल्लभाई पटेल
- ४) धिक तुमचे स्वर्गही साती इतली चुंबीन मी माती या ओळी कोणत्या कवितेतील आहेत.
अ) डेलिया ब) दुःख क) रानपाखरा ड) केवळ माझा सह्यकडा
- ५) वारा खात गारा खात कोणते झाड उभे आहे.
अ) अशोकाचे ब) चिंचेचे क) बाबुळाचे ड) आंब्याचे
- ६) तुम्ही सृष्टीचे भाग्यविधाते आहात असे कवी कोणास म्हणतो.
अ) पाऊसला ब) ऋतुराजाना क) ढगाना ड) वाऱ्याला
- ७) कोणत्या फुलाच्या अंगात यौवनाच्या रंगरेखा पेटल्या आहेत.
 अ) गुलाब ब) सूर्यफूल क) डेलिया ड) चाफा
- ८) आपले स्फटिकाचे मंदिर सोडून मैनाराणीने कुठे यावे असे नायकाला वाटते.
अ) माळावर ब) बागेत क) मैदानात ड) नदीकाठी
- ९) प्रियंवदा आणि अनसुया या मैत्रिणी कोणाच्या आश्रमात राहतात.
अ) शकुंतला ब) दुष्यंत क) गौतमीच्या ड) विश्वामित्राच्या
- १०) एक डोळा आणि एक डोळा या कवितेतून कोणता आशय व्यक्त होतो.
अ) सामाजिक ब) राजकीय क) प्रेम विषयक ड) कौटुंबिक


Head, Department of Marathi
KNBAC & VPS College, Dhosare.


प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

१२/१०/२०२२

मराठी विभाग


Special Program For Advance Learner

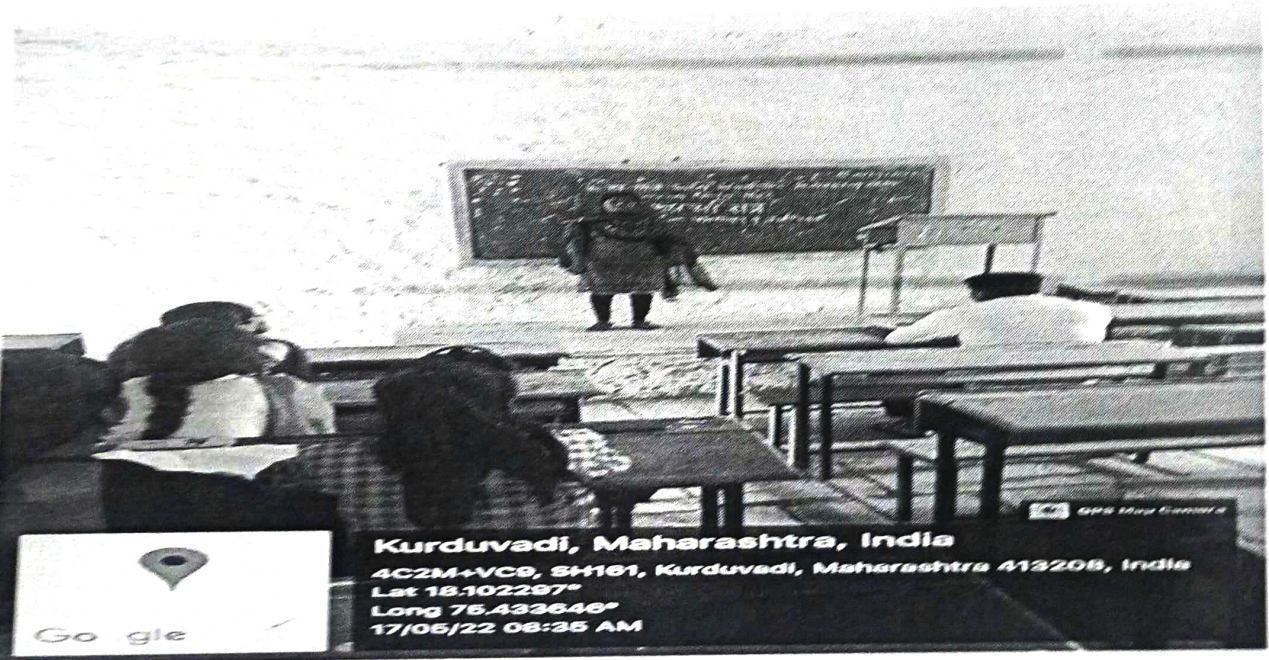
विशेष प्रावीण्य मिळवलेयल्या विद्यार्थ्यांसाठी कार्यक्रम

चर्चासत्र

महाविद्यालयातील मराठी विभागाने विशेष प्रावीण्य मिळवलेयल्या विद्यार्थ्यांसाठी काही विशेष कार्यक्रमाचे आयोजन केले होते. जे की विद्यार्थ्यांच्या व्यक्तिमत्व विकासास, त्यांच्या ज्ञानवृद्धीस आवश्यक आहेत. आहेत. ऐच्छिक मराठी विषय असणाऱ्या बी.ए. भाग-२, ३च्या विद्यार्थ्यांसाठी चर्चासत्र चे आयोजन करण्यात आले. या चर्चासत्रा मध्ये BA II , BA III च्या सर्व विद्यार्थ्यांनी सहभाग घेतला होता .यामध्ये सर्व विद्यार्थ्यांना काही विषय देऊन चर्चासत्रल घेण्यात आले .या चर्चासत्राचा विषय बोली भाषा आणि प्रमाण भाषा हा ठेवला होता. विद्यार्थ्यांनी या चर्चासत्रात उत्स्फूर्तपणे भाग घेतला. या चर्चासत्रामागचा उद्देश हा की त्यांच्यामधील आत्मविश्वास वाढवणे. विद्यार्थ्यांनी सामाजिक मूल्ये ,नैतिक मूल्यांवर सुद्धा आपले विचार व्यक्त केले.सामाजिक मूल्ये ,नैतिक मूल्यांवर सुद्धा आपले विचार व्यक्त केले.


Head, Department of Marathi
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प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विधानगर भोसरे, जि.सोलापूर



चर्चासत्रात आपली मते मांडताना विद्यार्थी .

Bany
Head, Department of Marathi
KNBAC & VPS College, Bhosare.

Bany
प्रभारी प्राध्यापक
के.एन.मिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कालिज
विद्यानगर भोसरे, जि. सोलापूर

**K.N.Bhise Arts,Commerece and Vinayakrao Patil Science College,
Kurduwadi.**

Year:- 2021-22

Activity for advance learner

तज्ञांचे व्याख्यान : विषय: ' मराठी भाषा आणि पत्रकारिता '

तज्ञ मार्गदर्शक : श्री. समीर कार्यकर्ते, उपसंपादक, 'तरुण भारत' ,सांगली .

श्री. समीर कार्यकर्तेयांनी आपल्या व्याख्यानात पत्रकारितेची सुरुवात कशी झाली. यारांबंधीचा इतिहास सांगताना त्यांनी विविध वृत्तपत्रांवर प्रकाश टाकला. मराठी भाषा आणि पत्रकारिता या क्षेत्रातील रांधी कोणत्या आहेत अशा विविध विषयांवर त्यांनी विद्यार्थ्यांना मार्गदर्शन केले. मराठी भाषेच्या संवर्धनात वृत्तपत्रांची भूमिका कशी महत्त्वाची आहे हे त्यांनी विशद केले.

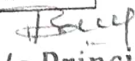


विशेष व्याख्यान - श्री.समीर कार्यकर्ते उपसंपादक, 'तरुण भारत' ,सांगली .

Bany
Head, Department of Marathi
KNBAC & VPS College, Bhosare.

Bany
प्रभारी प्राचार्य
के.एन.भिसे आर्ट्स, कॉमर्स अँड
विनायकराव पाटील सायन्स कॉलेज
विद्यानगर भोसरे, जि. सोलापूर

First name	Last name	Email	Duration	Time joined	Time
SB Creation		shin*****	41 secs	11 25	11 26
अंजक्याM	-	aaaji*****@*** c	14 mins	11 00	11 14
Reshma	Anantkvas	resh*****	40 mins	11 03	11 43
SHIVRAJ	Asware	aswa*****	51 mins	11 00	11 52
Vinayak	Atkar	vina*****	50 mins	11 02	11 52
Pranali	Bagal	prak*****	1 min	11 26	11 27
Shivani	Bagal	shiv*****@	13 secs	11 49	11 49
Madina	Bagwan	madi*****	29 mins	11:23	11 52
Pravin	Bedkute	prav*****	21 secs	11 03	11 03
Anjna	Bhange	anjn*****@*	3 mins	11 03	11 30
Yogesh	Bhange	bhan*****	26 mins	11 12	11 39
K N	Bhise	knbvpsc@knb	1 hr 5 mins	10 34	11 52
Yogesh	Bhore	bhor*****@	11 mins	11 17	11 28
Suvarna	Bhosale	suva*****@**	12 mins	11 40	11 52
Keshav	Chavan	kesh*****	28 mins	11 02	11 30
marathi	department	mara*****	49 mins	11 03	11 52
SACHIN	DEVKAR	devk*****	2 mins	11 18	11 20
Suraj	Devkule	sura*****	10 mins	11.42	11 52
Noopur	Dixit	noop*****	2 mins	10 57	11 24
sudarshana	dudhe	dudh*****	6 mins	11 03	11 32
Sandesh	Gaikwad	sand*****@*	13 mins	11.01	11 15
SUSHANT	GAVALI	sush*****	37 mins	11 15	11 52
Akash	Goyal	goya*****@	52 mins	11 00	11 52
Komal	Gund	gund*****@	16 mins	11 36	11 52
Amit	Gunjal	amit*****@	5 mins	11 47	11 52
Deepak	Jadhav	2nov**@*** co	40 mins	11 09	11 52
Dhanaji	Jadhav	dj49**@*** co	49 mins	11 03	11 52


I/c.Principal
K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
 Dist-Solanur

11.14	11.27		
First name		Last name	Email
SB Creation 11.16	11.12		shin***** @***.com
HjinkyaM 11.06	11.53		aaaji*****@ com
Reshma 11.02	11.05	Anantkivas	resh***** @***.com
SHIVRAJ 10.59	11.54	Asware	aswa*****@ ***.com
Vinayak 11.05	11.12	Alkar	vina***** ***@***.com
Pranali 11.05	11.06	Bagal	prak*****@ ***.com
Shivani 11.23	11.36	Bagal	shiv*****@** .com
Madhna 11.12	11.54	Bagwan	madi***** *@***.com
Pravin 11.53		Bedkute	prav***** @***.com
Anjali 11.54		Bhange	anjn*****@*** .com
Yogesh 11.01	11.09	Bhange	bhan*****@* ** .com
K.N 11.21	11.39	Bhise	knbvpsc@knbv psc.org
Yogesh 11.00	11.16	Bhore	bhor*****@* ** .com
Suvarna 11.17	11.54	Bhosale	suva*****@*** .com
Keshav 11.06	11.06	Chavan	kesh***** @***.com
marathi 11.35	11.38	department	mara***** *****@***.com
SACHIN 10.56	11.24	DEVKAR	devk*****@ ***.com
Suraj 10.23	11.54	Devkule	sura***** @***.com
Noopur 11.06	11.45	Dixit	noop*****@ ***.com
sudarshana 11.08	11:09	dudhe	dudh***** @***.com
Sandesh 11.02	11:39	Gaikwad	sand*****@*** .com
SUSHANT 11.09	11:10	GAVALI	sush***** @***.com
Akash 11.10	11.54	Goyal	goya*****@** .com
Komal 11.13	11:54	Gund	gund*****@** .com
Amit 11.02	11:13	Gunjal	amit*****@** .com
Deepak 10.22	11:54	Jadhav	2nov**@*** com
Dhanaji 10.58	11:43	Jadhav	dj49***@*** com
Prasanna 11.17	11:19	Jadhav	muku***** @***.com
Snehal 11:03	11:54	Jadhav	sneh*****@** .com
Dr. Atul 11:08	11:20	Kadam	kada*****@*** com

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Aadit	11:35
PRARASH	11:02
VISHAL	11:09
SHANKAR	11:44
SHIVJI	11:54
Janteer	11:54
10:53 Amol	11:33
11:34	11:42
Kishor 11:08	11:11
Shradha	11:41
Pran	11:54
Dr. Sachin	11:09
10:59 Chaitanya	11:29
11:36	11:37
Snehal 10:55	11:54
Shruti	11:14
Rushikesh	11:33
11:11 RIYAJ	11:14
11:00 Dr. Vikas	11:54
11:03	11:08
Prashant 11:09	11:18
Vijay 11:09	11:54
Ramappa 11:02	11:43
Rohan 10:58	11:13
bhagyashri 11:10	11:20
Geetanjali 11:08	11:54
Madan 10:57	11:54
10:57 RaoSaheb	11:22
10:59 Vijay	11:00
10:59 Dr. Anupama	11:03
11:00 Pratibha	11:54
11:00 Dr. Asmita	11:54
11:38 Shrikant	11:40
10:23 Dr. Manisha	11:54
11:27	11:54

Kamble
KAMBLE
KANADE
Kapare
Kapare
karyakarte
Khare
Khare
Kulkarni
lokare
Londhe
Masalkar
Maske
mohite
More
Mulani
Nagare
Narkhade
Navale
Pantulwar
Parandkar
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Raut
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Salunkhe

kamb***** @***.com
pska*****@*** .com
sfs*****@*** .com
shani*****@ ***.com
shri***** @***.com
sami***** @***.com
amol*****@ ***.com
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pras***** @***.com
vija*****@ .com
pant***** @***.com
rona***** @***.com
bhag***** @***.com
geet***** @***.com
mada*****@ .com
pali*****@ .com
vspa*****@ .com
pola*****@ .com
polp*****@ ***.com
asmi*****@ ***.com
raut*****@ ***.com
mani***** @***.com

MADHA TALUKA SHIKSHAN PRASARAK MANDAL'S

**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, BHOSARE**

DEPARTMENT OF MICROBIOLOGY

Mechanism to Identify the Advanced learners

To assess the learning ability of the admitted student Our Department conducts an examination after completion of admission process. The syllabus of this exam is based on 11th and 12th standard. Based on secured marks, the students are identified as Slow and advanced learners, also students are regularly assessed through regular teaching in the classroom. The performance of the student assessed in the internal test, viva voce in the practicals and group activities performed during laboratory hours. Also, continuous monitoring and evaluation of academic and overall performance of each student is done by the Teachers.

The advanced learners are motivated by

1. Student counselling methods
2. Conducting test series.
3. Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

**K.N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare.**

Department of Microbiology

Seminar Topic Distribution

All the below listed students of B.Sc. III Microbiology are hereby informed that the seminars will be conducted by the Department of Microbiology, through ONLINE mode. Prepare for the delivery of the seminar as per the allotted topic. If any student has any query regarding the seminar topic Call Mr. D.B. Jadhav

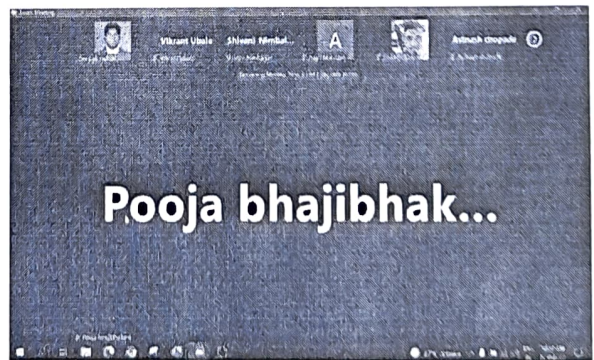
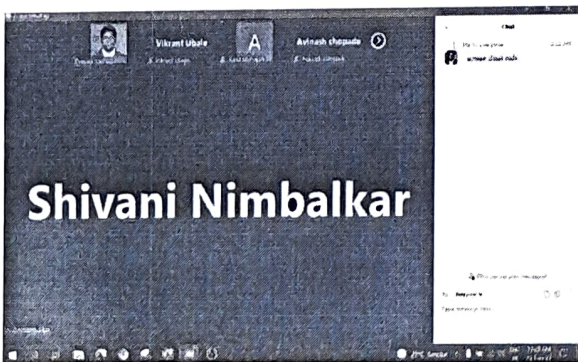
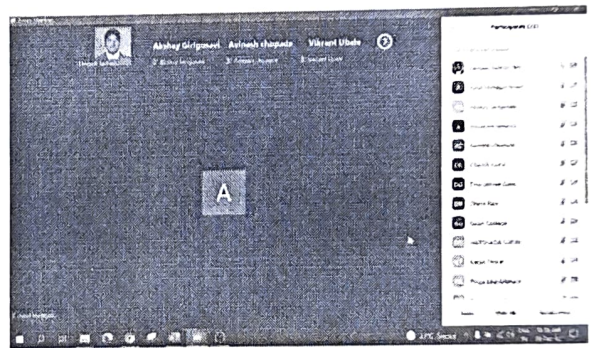
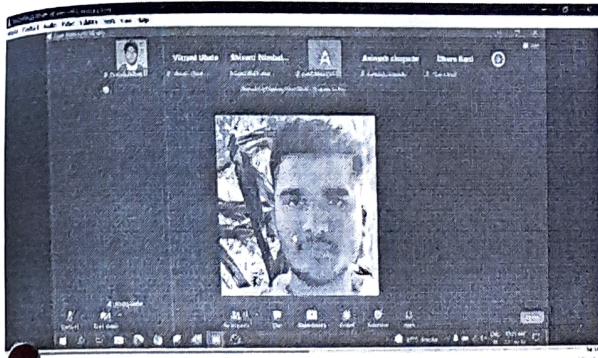
Sr. no.	Name of the student	Topic of the Seminar
1	Gude Shivtej Sunil	Viroids
2	Bhoge Amruta Sadashiv	Food as a substrate
3	Kamble Sneha Kisan	Animal viruses
4	Koli Pratiksha Ganesh	Tobacco mosaic virus
5	Sathe Sangesh Meghraj	Spoilage of milk
6	Nimbalkar Shivani Laxman	Viral classification
7	Gavali Harshada Shashikant	Secondary immune response
8	Chopade Avinash Ankush	Classes of MHC molecules
9	Talekar Aditya Dilip	lysogeny of λ phages
10	Kamble Vaishnavi Laxman	Primary immune response
11	Bagal Rutuja Kalidas	Granulocytes
12	Ubale Vikrant Vinod	T ₄ Bacteriophage
13	Mahajan Aasif Salim	Phosphorus Cycle
14	Salve Akshata Ashok	Post fermentation spoilage of wines
15	Kabade Siddheshwar Shivaji	Adeno viruses
16	Kumbhar Vishal Arjun	Yogurt
17	Bagal Vaishakha Santosh	Beer
18	Gade Arti Raju	Industrial production of Lysine
19	Randive Shital Dattatray	Hypotheses of Cancer
20	Kanade Pratap Ajinath	Grape wine
21	Lendave Siddheshwar Dagadu	Carboneycle
22	Mane Tajaskumar Popat	Organization of MHC genes in man

23	Tongale Omkar Suhas	cytokines and their role
24	Mule Prashant Dattatray	Phosphorouscycle
25	Tonape Kshtij Sanjay	Cheese
26	Mahadik Anuradha Vijay	Greenmanure
27	Jagtap Ganesh Ramhari	Biological effects of complement
28	Gade Dhanashree Bapu	Vermicompost
29	Bhajibhakare Pooja Chandrakant	Soil and their types
30	Mote Radhika Keshav	Types of grafts and their rejection
31	Gutal Chaitali Hanumant	Biodegradation of Cellulose
32	Anbhule Vaibhav Kalidas	NK cells
33	Godage Gauri Uttam	B cells and dendritic cells
34	Kadam Pratiksha Sanjay	Oily spots on pomegranate –
35	Phand Ganesh Dadasaheb	Sulphurecycle
36	Dhere Rani Parmeshwar	Biofertilisers
37	Girigosavi Akshay Dipak	Alternate pathway
38	Bagal Revanath Ramchandra	Hybridoma technology
39	Shendage Jayant Suresh	Genetically Modified Crops with examples
40	Thorat Ketan Shantilal	Virus
41	Mane Aishwarya Yogesh	lymphoid organs
42	Shinde Prashant Pandharinath	Monoclonal antibodies

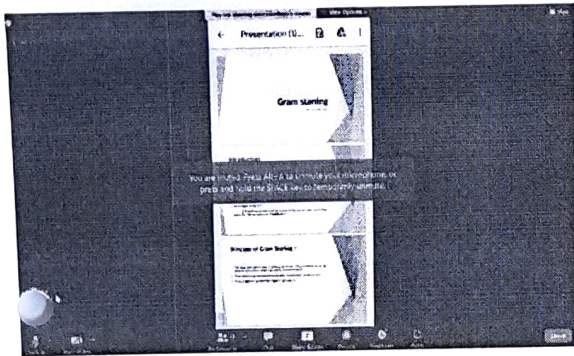
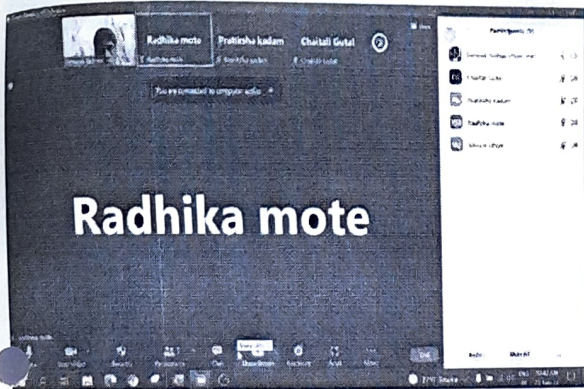

Seminar in charge


Head of the Department
-1990, Department of Microbiology
KNBAC & VPS College, Shosare

Screenshots of the Seminars conducted by B.Sc. III Microbiology students



Screenshots of the Seminars conducted by B.Sc. III Microbiology students



Head, Department of Microbiology
KNBAC & VPS College, Bhosare

Madha Taluka Shikshan Prasarak Mandal's

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**
Taluka-Madha. Dist- Solapur

Notice

Date- 30/04/2022

The Department of Microbiology is going to conduct "Fermented Food Fest" competition on dated 05/05/2022 under the scheme of advanced learners' activity. He interested candidate enroll their name and confirm their participation on before 03/05/2022. The first three rankers will be rewarded with memento and certificate of participation.

Time: 9.30 to 12.00 Pm

Venue- Department of Microbiology


Head, Department of Microbiology
KNBAC & VPS College, Bhosare

Madha Taluka Shikshan Prasarak Mandal's

**K.N.Bhise Arts, Commerce and Vinayakrao Patil Science
College, Vidyanagar, Bhosare**

Department of Microbiology

In association with

Microbiologists Society, India

Organizes

Fermented Food Festival

On Monday, 2nd May, 2022 at 9:30 am

Chief Guest

Mr. Shivanand Dhang

Managing Director,
Dhang Food Industries, Shelagi, Solapur

Chief Presence

Hon. Vinayakraoji Patil (Bapu)

President, Madha Taluka Shikshan Prasarak Mandal, Kurduwadi

Prin. Dr. P. S. Kamble

President

Principal, K.N.Bhise Arts, Commerce and Vinayakrao
Patil Science College, Vidyanagar, Bhosare

Ms. S. J. Jadhav
Organizing Secretary

Mr. M. M. Patil
Coordinator,
Science Faculty

Dr. N.D. Deshmukh
Head,
Department of Microbiology

Organizing Team

Mr. D.B. Jadhav
Convener

Ms. M.N. Mulani
Co- Convener

Madha Taluka Shikshan Prasarak Mandal's
K.N.Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

Department of Microbiology

Department of Microbiology in association with the Microbiologist society of India Organized Fermented Food Festival On Monday, 2nd May, 2022 at 9:30 am

Dr N D Deshmukh, Head, Department of Microbiology, Initiated the function with brief introduction, forward note and welcoming dignitaries.

Mr. Shivanand Dhangе Managing Director, Dhangе Food Industries, Shelagi, Solapur, was invited as a chief guest.

The sole purpose of the food festival was to let students and attendees know the importance of fermented foods, the role of micro-organisms in the food industry and the opportunities available in the market of food industry. Mr Dhangе communicated with the students all the details of setting up a food and also promised to help students in future

Dr S S Kshirsagar also talked about the opportunities available for students in the market.

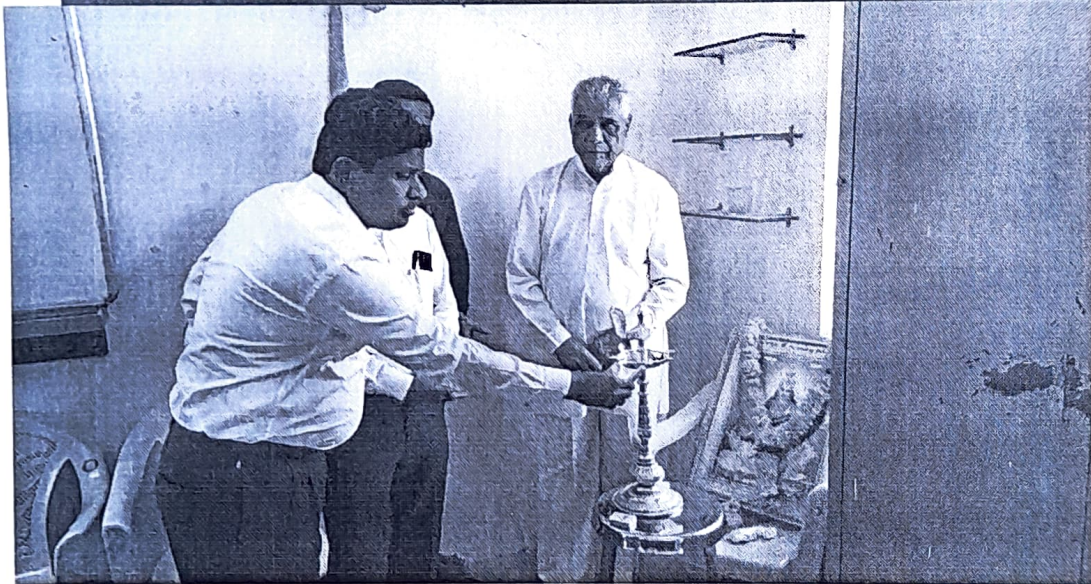
Prin. Dr. P. S. Kamble President Principal, K.N.Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare was present for the function as a president. Principal sir also talked about Importance of the food and market potential. He insisted that students must try to become entrepreneurs than to roam for the jobs.

Hon. Vinayakraoji Patil (Bapu) President, Madha Taluka Shikshan Prasarak Mandal, Kurduwadi honored the function and shared his thoughts about industry and opportunities.

Ms. S. J. Jadhav, Organizing Secretary, forwarded the vote of thanks.

Mr. D.B. Jadhav Mr. K.S. Raut Ms. M.N. Mulani In helped the execution of the function.

Students then enjoyed various foods brought along with the teachers.

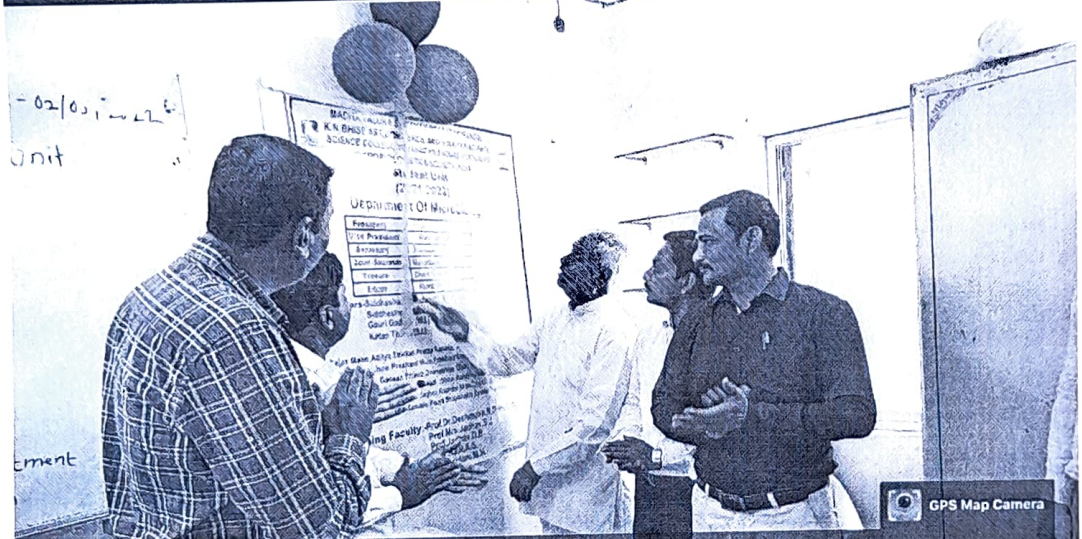




GPS Map Camera



Kurduvadi, Maharashtra, India
 kurduvadi-Barshi road, nr MSEB Sub-Station(Bhosare, 4C2M+X8R,
 Kurduvadi, Maharashtra 413208, India
 Lat 18.102488°
 Long 75.433562°
 02/05/22 11:36 AM



GPS Map Camera



Solapur, Maharashtra, India
 NH465, Maharashtra 413208, India
 Lat 18.103658°
 Long 75.439389°
 02/05/22 11:06 AM

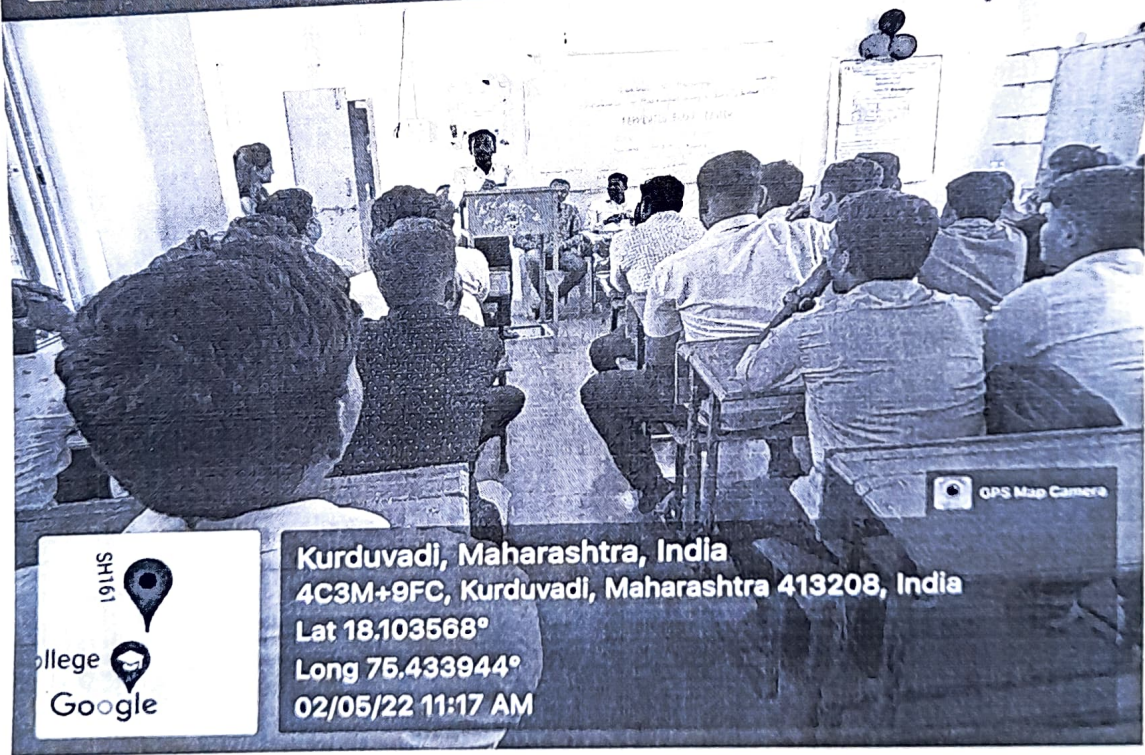




191HS
 college
 Google

Kurduvadi, Maharashtra, India
 4C3M+9FC, Kurduvadi, Maharashtra 413208, India
 Lat 18.103467°
 Long 75.433911°
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GPS Map Camera



191HS
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 Google

Kurduvadi, Maharashtra, India
 4C3M+9FC, Kurduvadi, Maharashtra 413208, India
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 Long 75.433944°
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GPS Map Camera

[Handwritten Signature]
 Head, Department of Microbiology
 KNBAC & VPS College, Bhosale

Madha Taluka Shikshan Prasarak Mandal's

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

Taluka-Madha. Dist- Solapur

List of Participants

Date- 30/04/2022

Sr. no.	Name of Participants	Class
1	Gude Shivtej Sunil	B.Sc.III
2	Bhoge Amruta Sadashiv	B.Sc.III
3	Nimbalkar Shivani Laxman	B.Sc.III
4	Gavali Harshada Shashikant	B.Sc.III
5	Chopade Avinash Ankush	B.Sc.III
6	Talekar Aditya Dilip	B.Sc.III
7	Kamble Vaishnavi Laxman	B.Sc.III
8	Bagal Rutuja Kalidas	B.Sc.III
9	Ubale Vikrant Vinod	B.Sc.III
10	Mahajan Asif Salim	B.Sc.III
11	Salve Akshata Ashok	B.Sc.III
12	Kabade Siddheshwar Shivaji	B.Sc.III
13	Kumbhar Vishal arjun	B.Sc.III
14	Bagal Vaishakha Santosh	B.Sc.III
15	Gade Arti Raju	B.Sc.III
16	Randive Shital Dattatray	B.Sc.III
17	Kanade Pratap Ajinath	B.Sc.III
18	Lendave Siddheshwar Dagdu	B.Sc.III
19	Tongale omkar Suhas	B.Sc.II
20	Tonape Aruna Rajram	B.Sc.II
21	Ghugelawale Neha Dhananjay	B.Sc.II
22	Bagal Gauri Dilip	B.Sc.II
23	Bichitkar Rushikesh Ankush	B.Sc.II
24	Anantkawlas Ashwini Arjun	B.Sc.II
25	Gurav Bharati Maruti	B.Sc.II


Head, Department of Microbiology
KNBAC & VPS College, Bhosare

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare

Department of English

General Mechanism for Advance and Slow Learner Programs

- **Identifying Advance and Slow Learners**

Dept. of English initially identifies the advanced and slow learners by using following methods:

1. The last year/ semester university/board result of the student.
2. Through the performance of the student in Unit/ Class/ CA Tests
3. During the classroom teaching by interacting with the students

- **Special programmes for Advanced Learners**

1. Essay writing, quiz, surprise tests, debate, Group Discussion, elocution competitions are organized for them for sharpen their skills
2. They are encouraged to write and present their posters in national and international poster presentation competitions
3. They are encouraged to participate in the workshops, Seminars and Conferences organized by parent institute as well as other institutes
4. They are encouraged to participate in General Knowledge Quiz competitions organized at State/ National Level
5. The advanced reference books related to the subject are provided to them.

- **Special programmes for Slow Learners**

1. These students are provided special guidance after lectures with informal meetings with the teachers of the dept.
2. These students are provided with question banks and notes in hard copies as well as in soft copies through Blogs, Whats App Groups etc.
3. Remedial Coaching Classes are organized for them
4. Teachers ask slow learners to solve the question papers of the previous semester.

- **Common Programmes for both Advanced and Slow Learners**

1. Guest Lectures and Career Counseling Lectures/workshops organized for them by the Dept. as well as the college.
2. Language Laboratory Sessions
3. Screening of Movies on PC
4. Mentors guide them regarding their academic as well as personal problems.

Department of English

Slow Learners List 2021-22

Sr. No.	Name of the Student
1.	Vaibhav H Pawar
2.	Abhishek Chandane
3.	Akash Chandane
4.	Sajid Mulani
5.	Chandrabhushan Bansode
6.	Onkar Koli
7.	Rashikesh Satpute
8.	Rupesh Ghadage
9.	Sagar Navale
10.	Rushikesh Dhaygude
11.	Amruta Dhekale
12.	Apeksha Bhange
13.	Rutuja Kore
14.	Sharmila Gadekar
15.	Sanjana Bhadakwad
16.	Pournima Pawar
17.	Snehal Dhavale
18.	Pratibha Pol

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**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

Department of English

19.	Arpita Bagal
20.	Arpita Bagal
21.	Amurta Bagal
22.	Anita Divate
23.	Muskan Shaikh
24.	Ankita Dhavale
25.	Prajakta Londhe
26.	Anjali Gore
27.	Arpita Satarkar
28.	Kashish Kamble
29.	Rutuja Jagtap

List of Advanced Learners

Sr. No.	Name of the students
1.	Ms. Pallavi Waghmare
2.	Ms. Ashwini Sarvade
3.	Mr. Ajay Chandane


Head, Department of English
KNBAC & VPS College, Bhosare.

Department of English

Activities and Programmes Conducted for Slow and Advanced Learners
2021-2022

1. Open Book Exams
2. Language Laboratory Sessions
3. Screening of Movies
4. Lectures on Soft Skills
5. Guest Lectures
6. Seminars
7. Extra Lectures for Slow Learners
 - a. Taught to write properly capital and small letters
 - b. Exercises given in the textbooks are solved
 - c. Marathi Tenses were taught before teaching English Tenses
 - d. Revision of a few difficult units was taken.



Head, Department of English
KNBAC & VPS College, Bhosare

**K N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare
Department of English**

Title of the Program : Lectures for Slow Learners Date : _____

Sr. No.	Name of the student	06/05/2022	13/05/2022	20/05/2022	27/05/2022	14/06/2022	21/06/2022	28/06/2022
1	Amruta Dhekale	Dhekale	Dhekale	Dhekale	Dhekale	Dhekale	Dhekale	Dhekale
2	Apeksha Bhangre	Bhangre	Bhangre	Bhangre	Bhangre	Bhangre	Bhangre	Bhangre
3	Rutuja Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore
4	Sharmila Gadekar	S. Gadekar	S. Gadekar	S. Gadekar	S. Gadekar	S. Gadekar	S. Gadekar	S. Gadekar
5	Sanjana Bhadarkar	S.B	S.B	S.B	S.B	S.B	S.B	S.B
6	Poojima Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
7	Snehal Rathore	Rathore	Rathore	Rathore	Rathore	Rathore	Rathore	Rathore
8	Pratibha Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
9	Neelima Bagal	Bagal	Bagal	Bagal	Bagal	Bagal	Bagal	Bagal
10	Amruta Bagal	Bagal	Bagal	Bagal	Bagal	Bagal	Bagal	Bagal
11	Anita Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
12	Muskan Shaikh	M.J. Shaikh	M.J. Shaikh	M.J. Shaikh	M.J. Shaikh	M.J. Shaikh	M.J. Shaikh	M.J. Shaikh
13	Ankita Dhavale	A.R. Dhavale	A.R. Dhavale	A.R. Dhavale	A.R. Dhavale	A.R. Dhavale	A.R. Dhavale	A.R. Dhavale
14	Pratikha Londhe	Londhe	Londhe	Londhe	Londhe	Londhe	Londhe	Londhe
15	Anjali Gore	A.B. Gore	A.B. Gore	A.B. Gore	A.B. Gore	A.B. Gore	A.B. Gore	A.B. Gore
16	Neelima Satarkar	Satarkar	Satarkar	Satarkar	Satarkar	Satarkar	Satarkar	Satarkar
17	Kambla Kashish	K.K. Kambla	K.K. Kambla	K.K. Kambla	K.K. Kambla	K.K. Kambla	K.K. Kambla	K.K. Kambla
18	Rutuja Jagtap	R.R. Jagtap	R.R. Jagtap	R.R. Jagtap	R.R. Jagtap	R.R. Jagtap	R.R. Jagtap	R.R. Jagtap

Amruta

Shudh

Head, Department of English
(K.N.P.) Bhosare.

(Dr. Sachin Londhe)

**K N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare**
Department of English

Title of the Program : Lectures for Slow Learners Date : Time - 12.15 to 1.20 pm

Sr. No.	Name of the student	05/05	13/05	20/05	27/05	15/06	17/06	18/06
1	Anwar vaibhav Harsi	Suar?	Suar?	Suar?	Suar?	Suar?	Suar?	Suar?
2	ABHISHEK RAVINDRA CHANDANE	A..	A..	A..	A..	A..	A..	A..
3	AKASH R CHANDANE	@Kash	@Kash	@Kash	@Kash	@Kash	@Kash	@Kash
4	Sajid Hayali Mulani	Saj	Saj	Saj	Saj	Saj	Saj	Saj
5	Chandrabhushan N. Bumsode	Chansode	Chansode	Chansode	Chansode	Chansode	Chansode	Chansode
6	Ankur Rajesh Koli	O.P.Koli	O.P.Koli	O.P.Koli	O.P.Koli	O.P.Koli	O.P.Koli	O.P.Koli
7	Rushikesh Anant Setate	Rush	Rush	Rush	Rush	Rush	Rush	Rush
8	Rupesh Rajzang Githode	Rup	Rup	Rup	Rup	Rup	Rup	Rup
9	Sagar Balaji Navale	SNavale	SNavale	SNavale	SNavale	SNavale	SNavale	SNavale
10	Rushikesh P. Ghayade	Rush	Rush	Rush	Rush	Rush	Rush	Rush
11	ABHISHEK							

Arif
Head Department of English
KNC

Rup
(Dr Sachin Londhe)

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

E-resources for Slow and Advanced Learners

Sr. No.	Class	Paper Name	Link
1	e-notes	All Papers	https://drive.google.com/drive/folders/1OYIER5UR4j3cNK6wf6r2XxIGsDsv5RR0?usp=sharing
2	e-books	All Classes	https://drive.google.com/drive/folders/1iMfaNGOaeyZcZgLfZn7KS8SFOITQ8qYr?usp=sharing
3	Audio Books	All Classes	https://drive.google.com/drive/folders/1gBJWm4gDmUA-DYAGbil6v_cZbUhbY1vm?usp=sharing
4	B. A. II	Paper V Introduction to Language	https://dr-sachin-londhe.blogspot.com/2021/04/b-ii-optional-english-introduction-to.html
5	B. A. II	Paper III-British Literature	https://dr-sachin-londhe.blogspot.com/2021/01/question-bank-british-literature-b-ii.html

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

6	B. A. III	Paper VII Introduction to Literary Criticism	https://dr-sachin-londhe.blogspot.com/2020/12/introduction-to-literary-criticism.html
7	B. A. II	Paper III Opt. English (British Literature) Notes	https://dr-sachin-londhe.blogspot.com/2020/12/she-stoops-to-conquer-text-by-oliver.html
8	B. A. II	B. A. II Features of Comedy of Manners- Notes	https://dr-sachin-londhe.blogspot.com/2020/10/features-comedy-of-manners-notes-b-ii.html
9	B. A. II	To His Coy Mistress by Andrew Marvell	https://dr-sachin-londhe.blogspot.com/2020/11/to-his-coy-mistress-by-andrew-marvell-b.html
10	B. A. III	Tradition and The Individual Talent by T. S. Eliot	https://dr-sachin-londhe.blogspot.com/2020/04/tradition-and-individual-talent-by-t-s.html
11.	B. A. III	British Literature	https://drive.google.com/file/d/1PLlyGN00W14sUQOSBPPmfluSZztQfAqe/view?usp=sharing

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

12.	B. A. III	Introduction to the Structure and Function of Modern English	https://drive.google.com/file/d/1A0Lsy6XqucZO2RHZ46hym3QKK67ZVI2v/view?usp=sharing
13.	B. A. III	Literatures in English	https://drive.google.com/file/d/1lchsR8Zuc2aV-rZeSOlla2EwLzd9xp3E/view?usp=sharing
14.	B. A. III	Introduction to Literary Criticism	https://drive.google.com/file/d/1lwBNtpksYCjgUyER6L2Phuz6vGJO1RQI/view?usp=sharing
15.	B. A. B. Com. B. Sc. I	English Compulsory (Sem I)	https://drive.google.com/file/d/1HbDnquIUoSKxDtl7vxuCQtHtOxAewqG5/view?usp=sharing
16.	B. A. B. Com. B. Sc. I	English Compulsory (Sem II)	https://drive.google.com/file/d/1PoHeZaMAhCehMiQoTtyec1EAoqoU24ZW/view?usp=sharing
17.	B.A III	Introduction to the Structure and Function of Modern English	https://classroom.google.com/c/MTUzNjcwMTI2OTQw/p/MjQ5NzM3MDAyNzI5/details

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

18.	B.A III	English Compulsory	https://classroom.google.com/c/MTU5MTUyNTM3NDE3/p/MzEyMzA4NzQ0OTI4/details
19.	B.A III	English Compulsory	https://classroom.google.com/c/NDgwNzM0MDYxMzZa/p/MjYxNTEzMTMzNjIy/details
20.	B.A III	English Compulsory	https://classroom.google.com/c/MTE4Nzg5MzU1MjMz/p/MjU5NjI1NDM2ODE3/details
21.	B. A. I	English Optional	https://docs.google.com/document/d/1v8xIf-bY..
22.	B. A.II	English Compulsory	https://documentcloud.adobe.com/link/review?uri=urn:aaid:scds:US:93c092c2-8bb9-46ae-9288-22f740731c68
23.	B.A.II	English Compulsory	https://documentcloud.adobe.com/link/review?uri=urn:aaid:scds:US:93c092c2-8bb9-46ae-9288-22f740731c68

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22



Lecture on 'Soft Skills' for Slow and Advanced Learners

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

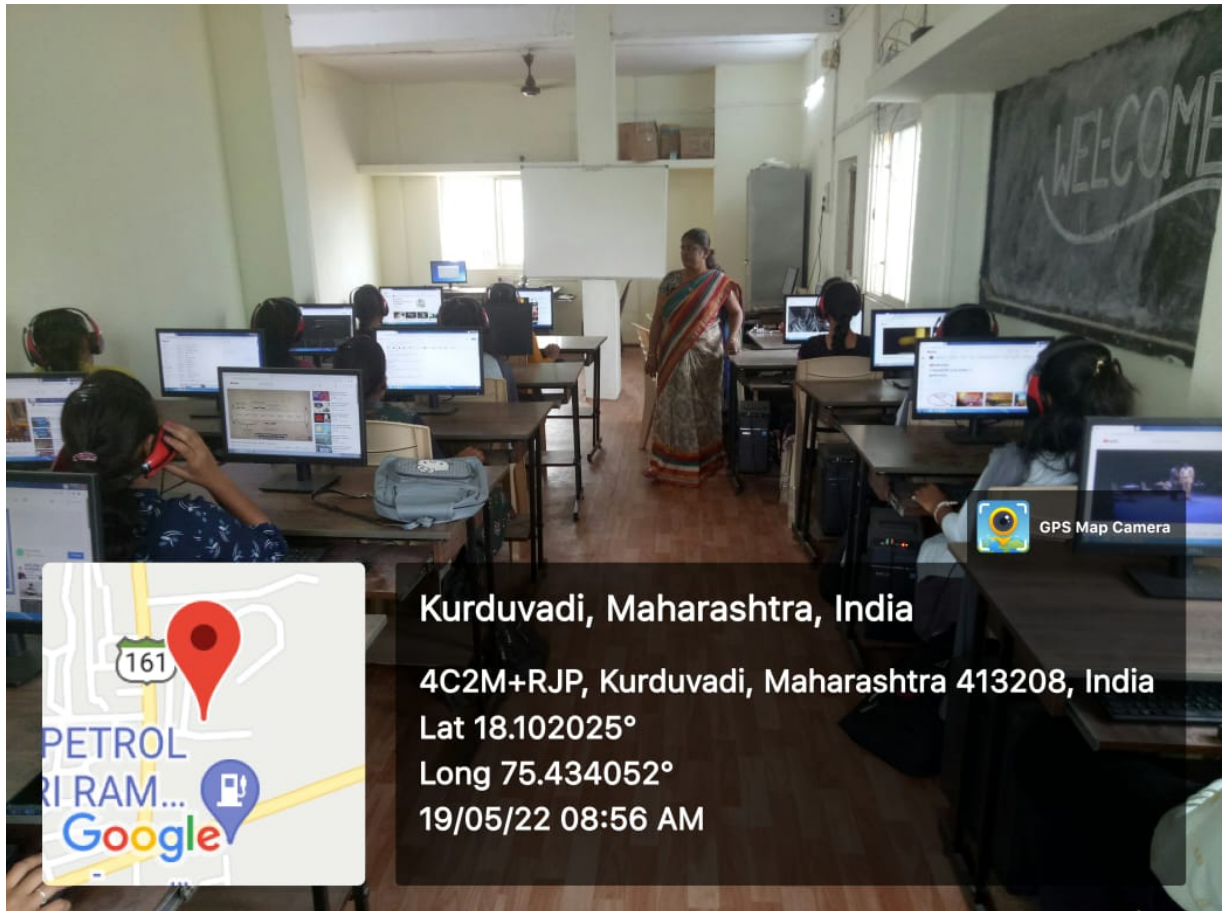


Screening of Movie for Slow and Advanced Learners

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

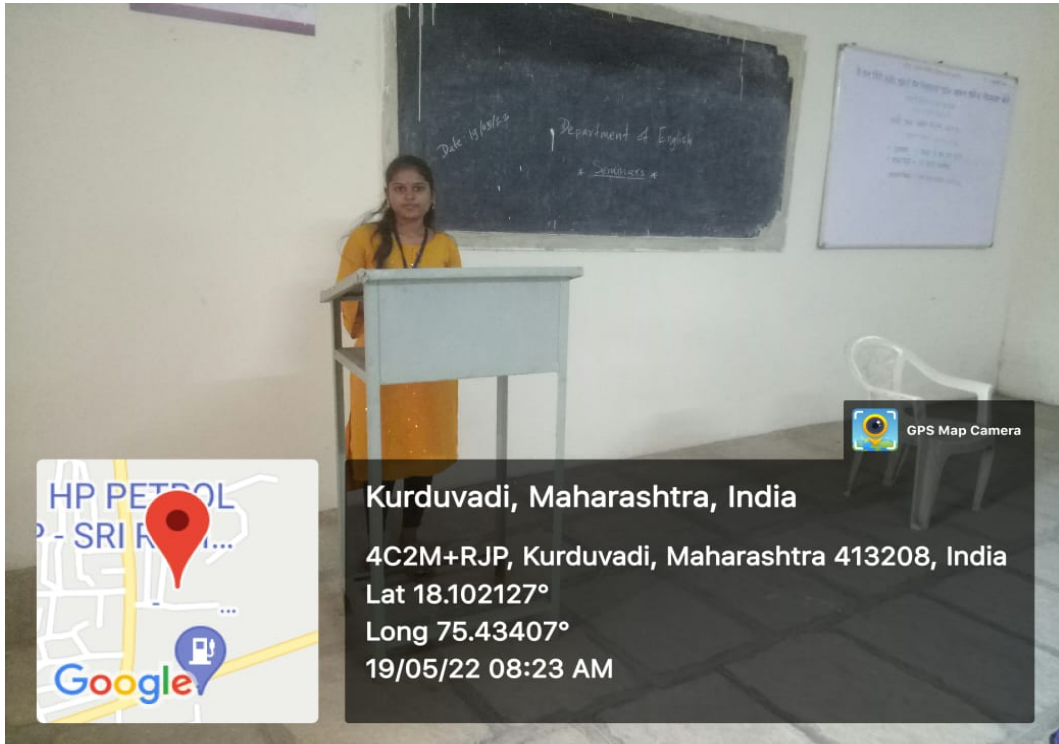


Language Laboratory Session for Slow and Advanced Learners

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22

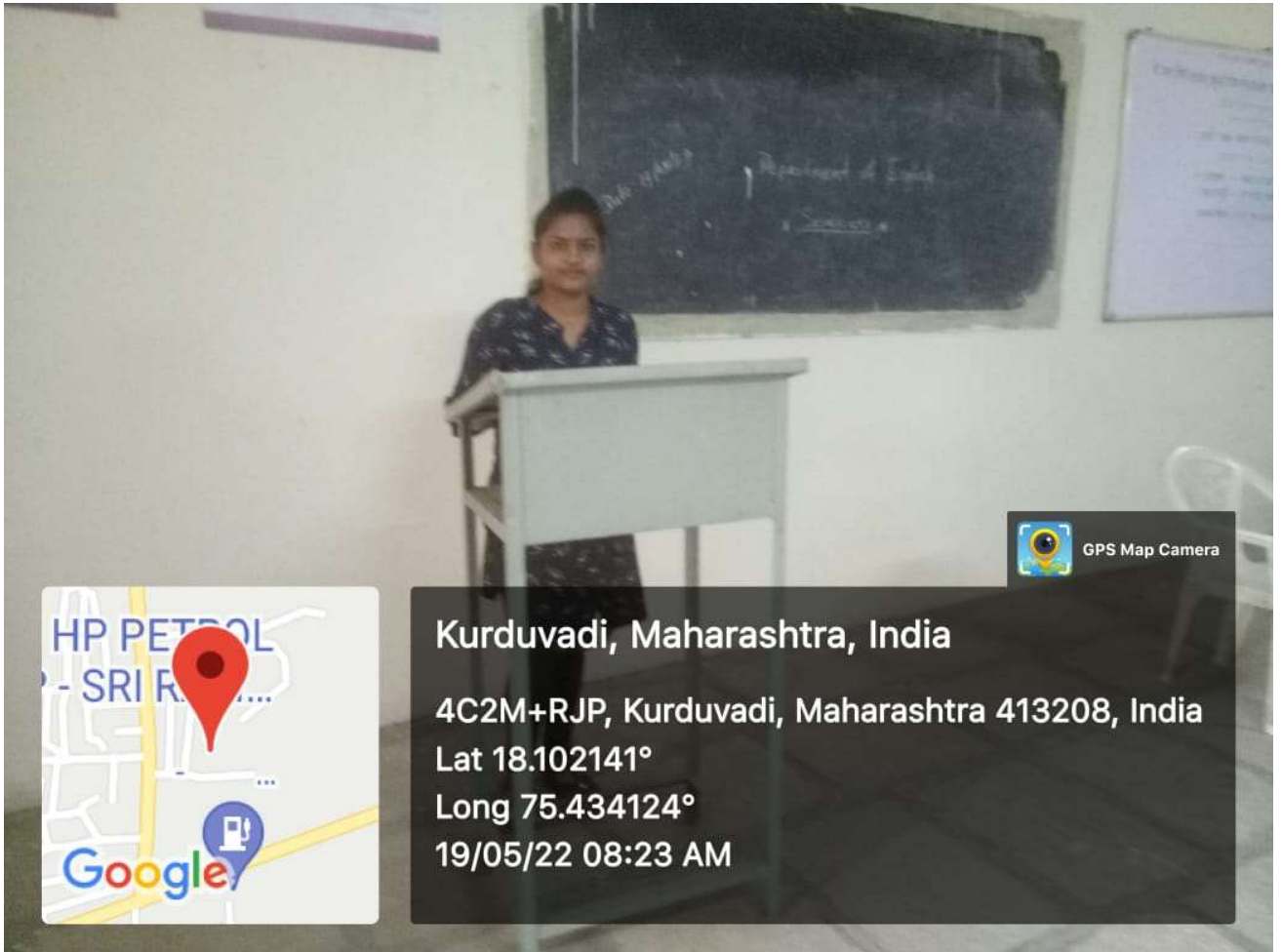


Seminar Activity for Advanced Learners

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare**

Department of English

2021-22



Seminar Activity for Advanced Learners

Bhise
I/c.Principal
**K.N.Bhise Arts,Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare,Dist-Solapur**

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare
Taluka –Madha, Dist-Solapur**

Date: 23/08/2021

Department of Political Science

**SPECIAL PROGRAMME FOR SLOW LEARNERS
Year-2021-22**

Notice

All students of the class B. A. I and II hereby informed that the department of Political Science is going to organize special programme for the slow learners to help them to regain knowledge in Political Science. The special programme will be commenced from below Time Table.

Special Program for B.A. –I and II

Sr. No	Program Name	Date
1.	Special guidance after lectures	Every Lecture
2.	Question Bank and notes provided hard and soft copy on Blogs and WhatsApp Group	https://www.blogger.com/blog/post/edit/9088552762663230371/7676181088056688543 https://www.blogger.com/blog/post/edit/9088552762663230371/439668955965907854
3	Remedial coaching Classes	25-12-2021 and 30-12-2021 16-03-2022 and 04-04-2022
4	Solving Previous semester question papers	After every semester
5	Guest Lecture/ career counseling lectures	26-11-2021 and 12-04-2022
6	Mentoring	Every month end

Madha Taluka Shikshan Prasarak Mandal's

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare
Taluka –Madha, Dist-Solapur**

Date: 30/08/2021

Department of Political Science

SPECIAL PROGRAMME FOR SLOW LEARNERS

List of Students

Year-2021-22

Sr. No.	Roll No. (Students ID)	Name Of The Student
1.	19	Dinesh Sanjay Chavhan
2.	42	Prajakta Santosh Londhe
3.	22	Amruta Suhas Dhekale
4.	134	Pruthviraj Dnyaneshwar Godse
5.	11	Sitaram Londhe
6.	32	Tejas Ingale
7.	12	Vaishnavi Shelke
8.	15	Reshma Anantkavalas
9.	14	Rukmini Sarvade
10.	149	Amruta Manohar Bagal

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare
Taluka -Madha, Dist-Solapur**

Department of Political Science

SPECIAL PROGRAMME FOR SLOW LEARNERS

Attendance Sheet

Year-2019-20

Sr. No.	Students Name	24 Jan. 2022	25 Jan. 2022	27 Jan. 2022	28 Jan. 2022
1	Dinesh Sanjay Chavhan	D.S.C.	D.S.C.	D.S.C.	D.S.C.
2	Prajakta Santosh Londhe	Praj	Praj	Praj	Praj
3	Amruta Suhas Dhekale	Asd	Asd	Asd	Asd
4	Pruthviraj Dnyaneshwar Godse	P.D. Godse	P.D. Godse	P.D. Godse	P.D. Godse
5	Sitaram Londhe	Slonde	Shulke	Slonde	Shulke
6	Tejas Ingale	T.I	T.I	T.I	T.I
7	Vaishnavi Shelke	V. Shulke	V. Shulke	V. Shulke	V. Shulke
8	Reshma Anantkavalas	Reshma	Reshma	Reshma	Reshma
9	Rukmini Sarvade	Rsarvade	Rsarvade	Rsarvade	Rsarvade
10	Amruta Manohar Bagal	A. Bagal	A. Bagal	A. Bagal	A. Bagal

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science
College, Bhosare
Taluka –Madha, Dist-Solapur**

Department of Political Science

SPECIAL PROGRAMME FOR SLOW LEARNERS

Time Table

Year-2019-20

Sr. No	Time	24 Jan. 2022	25 Jan. 2022	27 Jan. 2022	28 Jan. 2022
1	08.00 to 08.48	-	-	-	-
2	08.48 to 09.36	-	-	-	-
3	09.36 to 10.24	-	-	-	-
4	10.35 to 11.30	-	-	-	-
5	11.30 to 12.15	A. H. K.	A. H. K.	A. H. K.	A. H. K.
6	12.15 to 01.00	-	-	-	-

A. H. K.- Dr. Atul Hanamant Kadam

Madha Taluka Shikshan Prasarak Mandal's

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar,
Bhosare**

Department of Political Science

Date: 07/09/2021

SPECIAL PROGRAM FOR ADVANCED LEARNERS

Year-2021-22

Notice

All students of the class B. A. I hereby informed that the department of Political Science is going to organize special programme for advanced learners for the enrich knowledge of Political Science. The program will be commenced from 23 December, 2021.

Points to be covered for B.A. -I

Sr. No	Topic Name	Sub Topic	No. of Lectures
1	Constitution	Historical background of the Indian Constitution	01
2	Constituent Assembly	The process of constitution making	02
3	Indian Constitution	Features of the Indian Constitution	01
4	Influence of various Western ideas on the Indian Constitution	Western Constitution, Western Thought	02
Total			06

Madha Tabaka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

Date: 12/01/2022

Department of Political Science

SPECIAL PROGRAM FOR ADVANCED LEARNERS
Year-2021-22

List of Students

Sr. No.	Roll. No	Name of the student
01	150	Arpita Manohar Bagal
02	25	Sapna Dnyaneshwar Patil
03	24	Arpita Rahul Satarkar
04	63	Apeksha Bhangre
05	182	Vaibhav Hanumant Supekar
06	480	Suresh Hanumant Anantkavlas
07	130	Amar Subhash Kapare
08	133	Akash Hanumant Thopate
09	123	Padmavati Ramesha Mane
10	154	Lubna Manoj Khilare
11	154	Arpita Manohar Bagal Arpita

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

Department of Political Science

SPECIAL PROGRAMME FOR ADVANCED LEARNERS

Time Table

Year-2021-22

Sr. No	Time	23 Dec. 2021	24 Dec. 2021	25 Dec. 2021	26 Dec. 2021	27 Dec. 2021	28 Dec. 2021
1	8.00-8.48	-	-	-	-	-	-
2	8.48 to 9.36	-	-	-	-	-	-
3	9.36-10.24	-	-	-	-	-	-
4	10.35-11.30	-	-	-	-	-	-
5	11.30-12.15	A. H. K.	A. H. K.	A. H. K.	A. H. K.	A. H. K.	A. H. K.
6	12.15-1.00	-	-	-	-	-	-

A. H. K. - Dr. Atul Hanamant Kadam

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar,
Bhosare**

Department of Political Science

SPECIAL PROGRAMMES FOR ADVANCED LEARNERS (2021-22)

Question Paper

Total Marks – 20

B.A.- I

Name of the Student-

Roll No-

Q.1. खालील प्रश्नांची उत्तरे सोडवा

प्रत्येकी २ गुण

१. इंग्लंडची राणी पहिली एलिझाबेथ हिने ... कंपनीला हिंदुस्थानात व्यापार करण्याची परवानगी दिली.
अ. वेस्ट इंडिया
ब. फॉरेन इंडिया
क. ईस्ट इंडिया
ड. यापैकी नाही
२. इ.स. १७७३ च्या कायदानुसार मुंबई व मद्रास येथील मुख्य प्रशासकाचा उल्लेख असा करण्यात येवू लागला.
अ. गव्हर्नर
ब. गव्हर्नर जनरल
क. राजा
ड. व्हाईसरॉय
३. भारतात केंद्रस्थानी द्विगृहात्मक कायदेमंडळपध्दती या कायदानुसार स्वीकारण्यात आली.
अ. १९१९
ब. १९३५
क. १९४२
ड. १९४७
४. इ.स. १९४६ साली भारतात त्रिमंत्री योजना ब्रिटनचे पंतप्रधान यांनी पाठवली.
अ. सर लॉरेन्स
ब. सर क्रिप्स
क. अल्बर्ट अँलेक्झांडर
ड. लॉर्ड अँटली
५. घटनासमितीची निर्माती या योजनेनुसार झाली.
अ. मार्केटबॉटन
ब. कॅबिनेट मिशन
क. त्रिमंत्री योजना
ड. क्रिप्स मंडळ
६. रोजी घटनासमितीचे कार्य सुरू झाले.
अ. ९ डिसेंबर १९४६
ब. ९ जानेवारी १९५०
क. २६ जानेवारी १९५०
ड. १५ ऑगस्ट १९४७
७. घटनासमितीला रोजी अधिकृत समिती म्हणून स्वतंत्र दर्जा प्राप्त झाला.
अ. १९५०
ब. १९४९
क. १९४८
ड. १९४७
८. केंद्र यादित विषय आहेत.
अ. ४७
ब. ६६
क. ९९
ड. ५९
९. लिखित संविधान हे वैशिष्ट्य या राज्य व्यवस्थेच्या वैशिष्ट्यावरून घेतले आहे.
अ. कॅनडा
ब. अमेरिका
क. रशिया
ड. आयर्लंड
१०. या अमेरिकन विचारवंताने भारतीय संविधानावर भाष्य व टिका ग्रंथ लिहला आहे.
अ. सिरयार्ड
ब. टोपे
क. डग्लास
ड. मेनन

Madha Taluka Shikshan Prasarak Mandal's

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare**

Date: 12/01/2022

**Department of Political Science
SPECIAL PROGRAM FOR ADVANCED LEARNERS**

Result of the Students

Year-2021-22

Sr. No.	Roll No.	Name of the student	Marks
01	150	Arpita Manohar Bagal	18/20
02	25	Sapna Dnyaneshwar Patil	18/20
03	24	Arpita Rahul Satarkar	18/20
04	63	Apeksha Bhange	12/20
05	182	Vaibhav Hanumant Supekar	10/20
06	480	Suresh Hanumant Anantkavlas	16/20
07	130	Amar Subhash Kapare	14/20
08	133	Akash Hanumant Thopate	18/20
09	123	Padmavati Ramesha Mane	20/20
10	154	Lubna Manoj Khilare	18/20
11	150	Arpita Manohar Bagal	12/20

**K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Department of Commerce

Seminar for Advanced Learners

Subject: AatmNirbhar Career Options in Account and Taxation

Speaker: CA Rajendra Dangi



Felicitated CA Rajendra Dangi by I/C Principal Dr. P. S. Kamble by Offering bouquet

P. S. Kamble
I/C Principal
**K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur**



Kurduvadi, Maharashtra, India
K N Bhise College, Kurduvadi, Maharashtra 413208, India
Lat 18.098337°
Long 75.429157°
28/05/22 09:21 AM

GPS Map Camera

While Guiding CA Rajendra Dangi

Bany
The Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR, BHOSARE**

NAAC Reaccredited 'A' Grade
Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

RefNo. KNBACVPSCVB/

Date: 25-05-2022

To,
CA. Rajendra Dangi
RD's Institute of Account and Taxation,
Pune

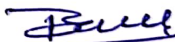
Invitation for Guest Lecture

Dear Sir,

We are pleased to invite you as a resource person at one day seminar on 'AatmaNirbhar Career Options in Account and Taxation'. This seminar will be organized on **28-05-2022 at 9.00 am**. Your lecture will help our students to know various career opportunities in Account and Taxation.

We hope that you would accept our invitation and guide our students.

Recd,
Rajendra Dangi
CA-Dangi
25.5.2022


I/c. Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K. N. BHISE ARTS, COMMERCE AND VINAYAKRAO PATIL
SCIENCE COLLEGE, VIDYANAGAR, BHOSARE**

NAAC Reaccredited 'A' Grade

Paranda Road, Kurduwadi Tal-Madha Dist-Solapur Pin-413 208 (Maharashtra)

Ref No. KNBACVPSCVB/

Date: 28-05-2022

To,

CA. Rajendra Dangi

RD's Institute of Account and Taxation,

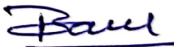
Pune

Gratitude Letter

Dear Sir,

We would like to express our gratitude to you for so graciously accepting our invitation to be resource person at One day Seminar on 'AatmaNirbhar Career Options in Account and Taxation' organized by I. Q. A. C. and Dept. of Commerce of our college. Your talk was truly enlightening and all the participated students were benefited by the intellectual discourse.

Recd.
Rajendra Dangi
CA. Dangi
28.5.2022


H/c I/c.Principal
K.N.Bhise Arts, Commerce &
Vinayakrao Patil Science College
Vidyanagar Bhosare, Dist-Solapur

Madha Taluka Shikshan Prasarak Mandal's
**K N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare**

Paranda Road, Kurduwadi, Tal- Madha, Dist Solapur Pin- 413208 (Maharashtra)

Email:-knbacck@yahoo.co.in

Phone No. :- (02183)223245

Fax No. :- (02183)223245

Ref. No. **KNBACCK/**

Date:

Activity Report

Name of the Department/ Committee : IQAC & Department of Commerce
Activity Report Year : 2021-22
Name of the activity : AatmaNirbhar Career Options in
Account and Taxation

Date	Faculty	Department	Co-ordinator Name
Time	Venue	Activity for the class/ group	Nature of the activity
28/05/2022	Commerce	Commerce	Prof. P.K. Narkhade
09.00 am	Seminar Hall	B.Com. I, II and III	AatmaNirbhar Career Options in Account and Taxation

Support/ Assistance: All Faculty members of Department of Commerce and IQAC

General information of the activity

Topic of the Activity	AatmaNirbhar Career Options in Account and Taxation
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Objective for conductive the activity	To aware students the Recent trends and development in Accounting and Taxation
Methodology	<p>CA Rajendra Dangi focussed on the Recent trends and development in Accounting and Taxation. In the current scenario ICT based tools can be applied for the Accounting and Taxation. He talked on electronic and digital trends and development n Accounting and Taxation. Smart skills, ICT knowledge and technosavy students have demand in the Accounting and Taxation.</p> <p>Prof. P. K. Narkhade-Introduced the resource person and gave introductory speech on moto of organization of Programme.</p> <p>Dr. Nilesh Survase – Anchored the programme</p> <p>Prof. V. B. Waghmare concluded the programme by vote of thanks.</p>
Outcome	Attempt has been made to make youth aware students the Recent trends and development in Accounting and Taxation

Prof. P.K. Narkhade
Principal

K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur





Madha Taluka Shikshan Prasara Kurduwadi Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao
Patil Science College, Bhosare
(2021 - 2022)**
Department of Physics


**A Report on
Slow and Advanced Students**

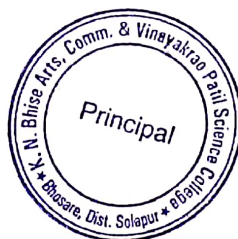
Method to identify Slow and Advance learner:


The students can be identifying their learning levels by different mechanisms i.e. the merit in the qualifying examinations, competitive entrance examinations, and the performance in the initial stage of the programme. At starting of the college level, that means in the first year, vocabularies/term in the subject/some concepts of the subject of students is not developed enough to understand the lectures given by teachers in classroom as the college situated in the rural area. At this level communication is generally one sided, students generally do not reply to teacher due to the fear and hesitation. Such type of situation is not favourable for learning, usually it inhibits the learning. It also seems that just because a student gets low marks in an exam does not mean that the student is behind in other things. Students who have some other special talents are assigned those types of problems by studying them in the physics department. For example, a student is very good in speaking but cannot write properly. Also a student scores very well in an exam but cannot explain something properly to others. At such times, it becomes difficult to judge from the only board/university marks of the students, whether he/she is slow or advanced in the learning process. If we divide the students into "slow" and "advance learners" and put their names on the notice board, then the possibility cannot be ruled out that the students with "slow" will be discriminated against. Slow learners may feel inferiority complex against the system.

At that time we give a topic to the students like collecting information about physicist or give a speech on a device/instrument etc. It is necessary to observe not only the marks of the students but also the curiosity about the subject. Hence, the department provide an equal opportunity to every student by arranging different programmes.

Therefore, we organize study tour, industrial visits and seminars for student's participation in national/international conferences to interact and gain knowledge from renowned scientific community out of the local limitations. More ever, audio visual aids, use of ICT tools and scientific model, charts for slow learners have been implemented. We provide notes, questions bank and arrange guest lectures for students future scientific carrier. We also provide and carried out research related small project for our students. The department also provides counselling to the students with their social, cultural, educational and financial issues. Department have their own department library to provide not only text


Head, Department of Physics
KNBAC & VPS College, Bhosare.




Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

book but also reference books, e-journals, e-books, downloaded lecture, ppts etc for the overall growth of the students.

Here is list of students of slow an advance learner which is based on primarily last result of board/university.

B. Sc I:

Slow learners:

SR. NO.	Student Full Name
1	AMAN VAJIR SHAIKH
2	AISHWARYA RAGHUNATH KHARE
3	SUYASH SANTOSH LOKHANDE
4	PANKAJ CHANDRAKANT PATKULKAR
5	BHARATI HANAMANT CHORAMULE
6	YOGESH ASHOK BHORE
7	AFTAB MAHEBUB MULANI
8	RUTIKA POPAT LONDHE
9	SAKSHI DHANAJI KARANDE
10	SANKET SANJAY SATAV
11	PRAVIN MARUTI RAUT
12	APEKSHA DILIP SURVASE
13	MAYURI DADASAHEB PATIL
14	AARTI LAHU KAMBLE
15	SHITAL SHIVAJI KHAIRE
16	SIDDHALI SURESH GAPATE
17	HARISH PANDURANG KUBER

Advanced learners:

1	SUKSENA SHIVAJI MORE
2	DHAIRYASHIL SATISH SHINDE
3	ANIKET APPASAHEB GUDE
4	SHAIN AKBAR SAYYAD
5	SWAPNIL TUKARAM KHARWADE
6	HARSHADA SHRIMANT KATE
7	ROHAN VITTHAL YADAV
8	SHUBHAM SANDIPAN SATAV
9	RUTUJA DHANAJI NAWALE
10	MAYURI GAUTAM NAVALE
11	RUTUJA BINCHU NAWALE
12	VARSHA KHANDU NALWADE
13	RUSHIKESH DATTATRAY SAWANT
14	VIDYA KRUSHNA GANAGE
15	VAISHNAVI RAMESH KALE
16	PARTH PRASHANT YADAV
17	GANESH HAMBIRRAO LONDHE
18	ASIYA NASIR DALWALE
19	NISHA BIBHISHAN TINGARE
20	VISHAL NAMDEV PAWAR

Bidart

Head, Department of Physics
KNBAC & VPS College, Bhosare.

Bau
Principal

K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur



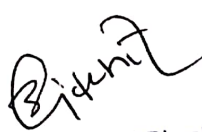
B.Sc. II


Slow learners:

Sr. No	Name of the students
1	SHUBHANGI RAGHUNATH HARDADE
2	SANTOSH ABHIMAN MORE
3	SAKSHI DATTATRAY BAGAL
4	AKASH DIPAK ADLINGE
5	KISHOR MANIK BONGALE
6	ADITI VIJAYKUMAR GODASE
7	NAMRATA NITIN DEVKAR
8	ROHIDAS SHIIVAJI AWACHAR
9	RADHIKA GOVARDHAN BAGAL
10	PRASAD NAGNATH KSHIRSAGAR
11	AKSHATA ANANT BORATE
12	NIKITA SUBHASH MEHER
13	NAVNATH VITTHAL JAGTAP
14	BHARAT GAUTAM KHARE
15	ABHIJIT HANUMANT PATIL
16	NOOPUR VINAYAK DIXIT
17	PRASAD BALU BHALKE

Advance learners:

Sr. No.	Name of the students
1	VAIBHAV NAGANATH GAVALI
2	AKASH KAILAS ZUNDRE
3	SHUBHAM GANESH PATIL
4	PRANJALI KALYAN MANDE
5	ANJALI VILAS GODASE
6	NEHA GANESH KALE
7	NIKITA GANESH KALE
8	SHUBHANGI SATISH WAGH
9	ANURADHA VISHNU KUMBHAR
10	NIKITA SANJAY GIDDE
11	DATTATRAY RAMCHANDRA GORE
12	OM SHAHAJI MORE
13	VAISHNAVI KHANDU GHUGE
14	BALKRUSHNA VILAS KHARE
15	SUMEET RAHUL WAGAJ


Head, Department of Physics
KNBAC & VPS College, Bhosare.


Principal
K. N. Bhide Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

B.Sc. III

Slow learners:

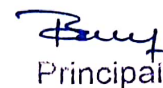
SR. NO	Student Full Name
1	NIKITA ASHOK TALEKAR
2	RAJIYA MAJJID SHAIKH
3	RESHAMA RAJARAM PAWAR
4	AKSHAY CHANDRAKANT MORE
5	RUSHIKESH SHAHAJI MORE
6	SOPAN SHAHAJI DHERE
7	RANJIT SURESH GADE

Advance learners:

SR. NO	Student Full Name
1	ANKITA KURMADAS BAGAL
2	MANGESH SATISH SHINDE
3	HARSHADA CHANDRAKANT YADAV
4	KOMAL SANJAY GUND
5	GEETANJALI VILAS PATIL
6	BHAGYASHRI VILAS PATIL
7	PRIYANKA VAIBHAV PAWAR



Head, Department of Physics
KNBAC & VPS College, Bhosare.



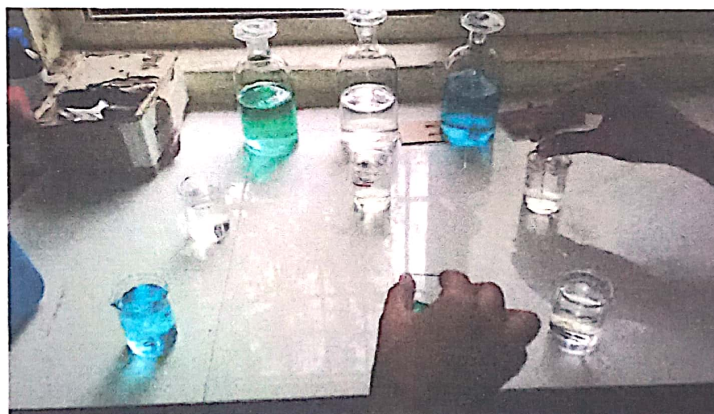
Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
Vidyanagar Bhosare, Dist. Solapur

Student Projects:

The projects of every III year physics student is allotted and examined by guide. This year 12 students were allotted in 4 groups for the preparation of thin films by chemical methods. Also 1st year and 2nd year students also allowed for joining the project if they are interested to do. The curiosity and awareness about the subject is automatically built in the 1st and 2nd year students by seeing third year students doing projects. Here are some of photographs of students doing the project work.



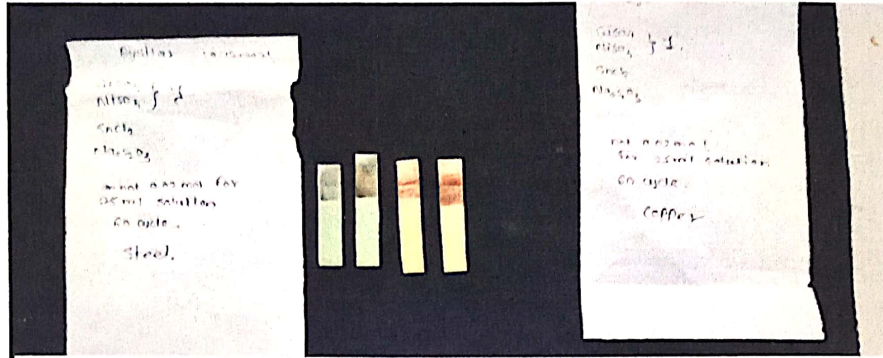
Students preparing thin film deposition by simple chemical methods



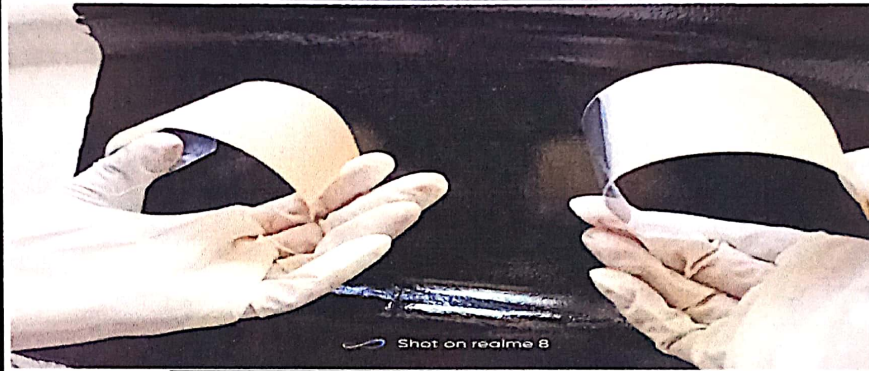
Preliminary solutions for thin film fabrication set-up by the students

Head, Department of Physics
KNBAC & VPS College, Bhosare.

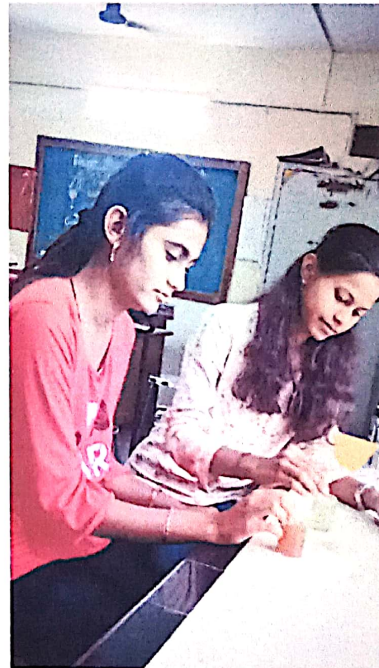
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Patil Science College,
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Thin films prepared by the students on steel and glass substrate



Thin films prepared by the students on flexible substrate



Thin film fabrication by 3rd year students

B. N. Bhat
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 KNBAC & VPS College, Bhosare.

Bevy
 Principal
 K. N. Bhise Arts, Comm. & Vinayakrao
 Patil Science College,
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List of Project students with name of the projects:

Sr. No.	Name of the student	Project Name
1	BAGAL ANKITA KURMADAS	CuMnSnS thin film preparation by silar method
2	YADAV HARSHADA CHANDRKANT	
3	SHINDE MANGESH SATISH	
4	PATIL BHAGYASHRI VILAS	CZTS thin film preparation by sequential cycle method
5	PATIL GEETANJLI VILAS	
6	DHERE SOPAN SHAHAJI	
7	GUND KOMAL SANJAY	CMTS thin film prepared on flexible substrate by silar method
8	TALEKAR NIKITA ASHOK	
9	SHAIKH RAJIYA MAJJID	
10	PAWAR PRIYANKA VAIBHAV	CuMgSnS thin films prepared on flexible substrates
11	MORE RUSHIKESH SHAHAJI	
12	MORE AKSHAY CHANDRAKANT	
13	GADE RANJIT SURESH	

Participation in international/national conference:

The prepared films by were then characterized to study their structural, optical and wettability properties and then project is written by the students. Meanwhile, they were asked to participate and demonstrate the results of project in various conferences as well as in the Avishkar competition. Here are some students' participation in conference.



Participation conference certificate of Bhyagyashri Patil and Mangesh Shinde

Bhisham
Head, Department of Physics
KNBAC & VPS College, Bhosare.

Bhisham
Principal
K. N. Bhise Arts, Comm. & Vinayakrao
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2nd Asian e-Conference on
Engineered Science



CERTIFICATE

This is to certify that Mr./Ms./Dr. Geetanjali Patil
has Participated in 2nd Asian e-Conference on Engineered Science jointly
organized by Prof. C. D. Lokhande Endowment Charitable Trust and Engineered
Science Publisher held on 5-6 December 2021.

Prin. Dr. J. D. Desai
President, Prof. CDLET, Pune

Prof. John Zhanhu Guo,
ES Publisher



2nd Asian e-Conference on
Engineered Science



CERTIFICATE

This is to certify that Mr./Ms./Dr. Harshada Yadav
has Participated in 2nd Asian e-Conference on Engineered Science jointly
organized by Prof. C. D. Lokhande Endowment Charitable Trust and Engineered
Science Publisher held on 5-6 December 2021.

Prin. Dr. J. D. Desai
President, Prof. CDLET, Pune

Prof. John Zhanhu Guo,
ES Publisher

Participation conference certificate of Geetanjali Patil and Harshada Yadav

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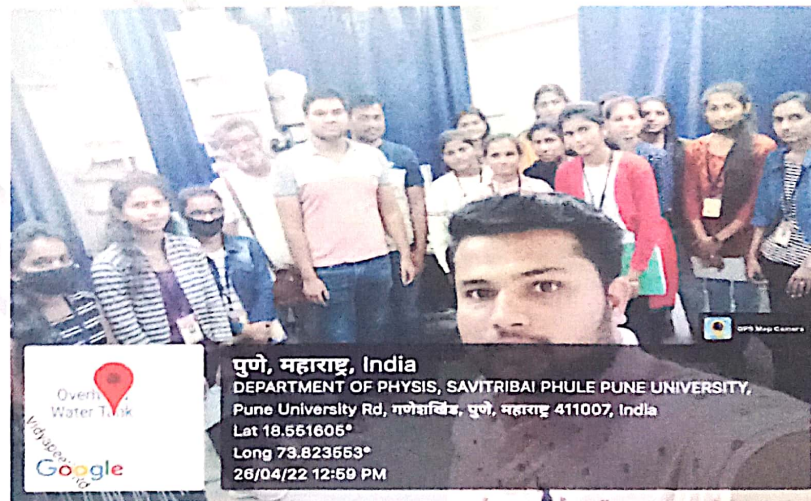


Study tour:

Study tours aim at building life skills such as team work, communications, problem solving skill, decision making skills etc. Slow as well as advance students can get interactive learning, social interactions, new type of experience; better exposure, cultural observations, as well as independent thinking can be achieved through study tours. Students gain a better perspective of the world around them by going on educational/study tours as they are brought in direct contact with new situations which prepare them for facing challenges in their upcoming professional lives. Following report shows the of study tour of B.Sc. II and III students who visited renowned SPP University.



Demo of characterization techniques from Ph.D. scholar to our students from SPP university



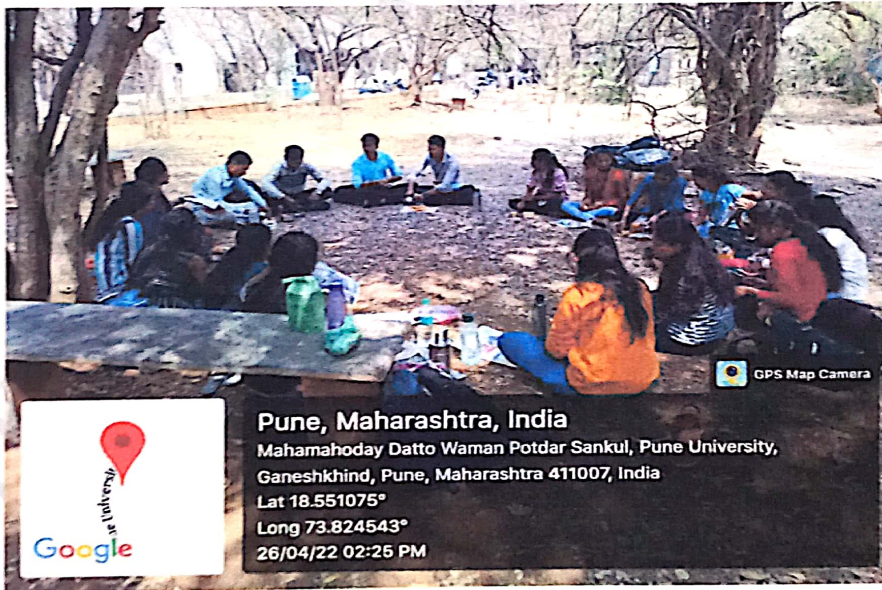
Demo of characterization techniques from Ph.D. scholar to our students from SPP university

Bhushant
Head, Department of Physics
KNBAC & VPS College, Bhosare,

Bany
Principal
K. N. Bhise Arts, Comm. & Vinayakrao
Patil Science College,
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Out side the campus of Physics department, SPP university



Photograph showing team spirit at the lunch in the study tour

B. K. Kumbhar

Head, Department of Physics
KNBAC & VPS College, Bhosare.

B. N. Bhide
Principal

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Study Tour Report:

Madha Taluka Shikshan Prasarak Mandal's
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Study Tour/Field Visit (2021-2022)

Study tour/Field Visit for B.Sc.: III& II

Field Visit Report Year- 2021-22

Name/Title of the Field Visit: Field Visit/Study tour to Savitribai Phule Pune University,
Pune


Date of Commencement: 26/04/2022	Faculty: Science	Department (If any): PHYSICS		Name and Phone Number of In-charge/Guide Dr. Ajinkya M More 9422733371
Date of End: 26/04/2021				
Total days for : 01 day	Location/Area Pune	Class/group		Nature of the : Class room/Field/Any other
		Number of Students present	Number of teachers involved in project	
		27	3	Field/Institute

Support/ Assistance/Non-teaching staff: Mr. Bhushan Shirskar

General Information about the study tour:

Statement of the Problem	To learn about various characterizations instruments and to learn thin film deposition methods for optoelectronic devices
Objective/s	To understand the procedure, methods and collecting information from physics departments of the university and their research instruments
Methodology	Observation and discussions, interactions and collections, documentation and recording, photographs and noting
Expected Outcome	Student can be enabled to develop observation skills about research instrumentation and thin film deposition methods


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K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Report and Outcomes of the Field visit/Study Tour (2021-2022)

The department of physics had organized a Field Visit/Study tour for B.Sc. III (Physics) and B.Sc. II students for 1 day on 26/04/2022 at SPP University, Pune. Total number of students participated in the field visit was 27 plus 3 faculty members.

The places visited:

Department of Physics, SPP University, Pune and Phoenix mall Pune. The students were interacted with the professors of the university as well as research students discussed about research area in the field of Material physics, Nuclear Physics, Optoelectronic devices and future scope of the subject.

Outcomes:

Students visualize what they study in theory and learn much more than what is in their syllabus which, in lot many ways, helps them to understand the subject matter in a much better way. Students learn about preparation methods of thin film and their use in various applications with different characterization techniques.

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K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Student List of Field Visit/Study Tour (2021-2022)


B.Sc. II (Boys)

Sr. No.	Name of the student
1	SANTOSH ABHIMAN MORE
2	AKASH DIPAK ADLINGE
3	KISHOR MANIK BONGALE
4	ROHIDAS SHIIVAJI AWACHAR
5	NAVNATH VITTHAL JAGTA
6	BHARAT GAUTAM KHARE
7	DATTATRAY RAMCHANDRA GORE
8	SHUBHAM GANESH PATIL
Total Boys	
8	

B.Sc. II (Girls)

Sr. No.	Name of the student
1	SAKSHI DATTATRAY BAGAL
2	ADITI VIJAYKUMAR GODASE
3	NAMRATA NITIN DEVKAR
4	RADHIKA GOVARDHAN BAGAL
5	NOOPUR VINAYAK DIXIT
6	PRANJALI KALYAN MANDE
7	NEHA GANESH KALE
8	NIKITA GANESH KALE
9	SHUBHANGI SATISH WAGH
Total Girls	
9	
Grand Total	
17	


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K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare

Student List of Field Visit/Study Tour (2021-2022)

B.Sc. III (Boys)

Sr. No.	Name of the student
1	MANGESH SATISH SHINDE
2	AKSHAY CHANDRAKANT MORE
3	RUSHIKESH SHAHAJI MORE
4	SOPAN SHAHAJI DHERE
5	RANJIT SURESH GADE
Total boys	
5	

B.Sc. III (Girls)

Sr. No.	Name of the student
1	NIKITA ASHOK TALEKAR
2	ANKITA KURMADAS BAGAL
3	HARSHADA CHANDRAKANT YADAV
4	GEETANJALI VILAS PATIL
5	BHAGYASHRI VILAS PATIL
Total Girls	
5	
Grand Total	
10	

Total Students:

Total students of B.Sc. II	Total students of B.Sc. III
17	10
Grand total of students	27



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Student's seminar:

Seminar creates interest in student understanding by means of better teaching aids compare to normal classroom chalk and board/talk session. Seminar plays vital role in business as well educational fields to grasp subject inside. Conducting a successful technical seminar requires careful preparation. Discussing about the relevant topics of the particular subject, students tend to learn about the latest information and new skills related to the concerned subject. Department of Physics conduct seminars and ask to submit a seminar report on the topic. Here are some of the photographic evidences.



Seminar photograph of Mr. Balkrushna Khare B.Sc. III about the Uncertainty Principle



Seminar photograph of Ms. Anjali Godase B.Sc. II about the Neils Bohr

B. J. Patil

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Patil Science College, Bhosare.

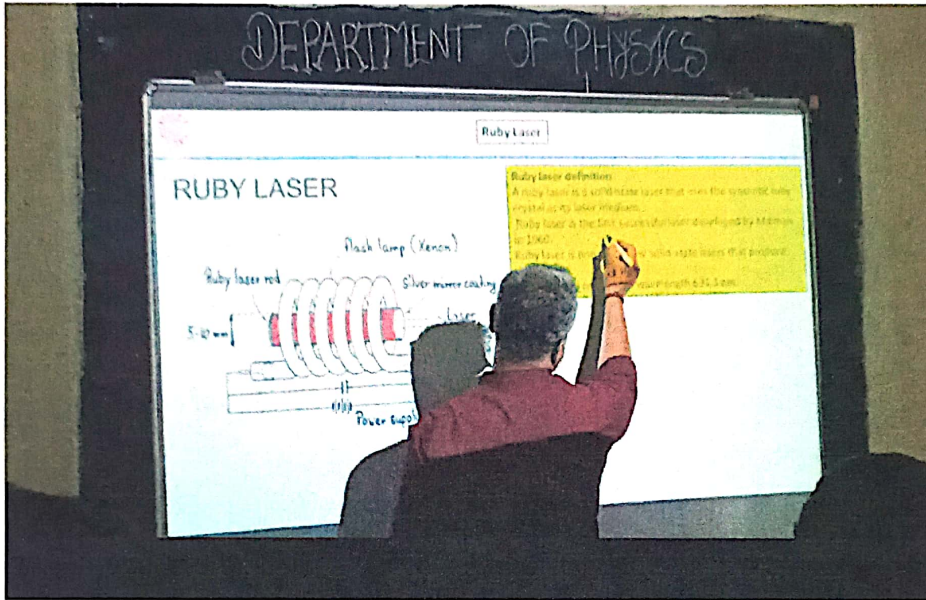
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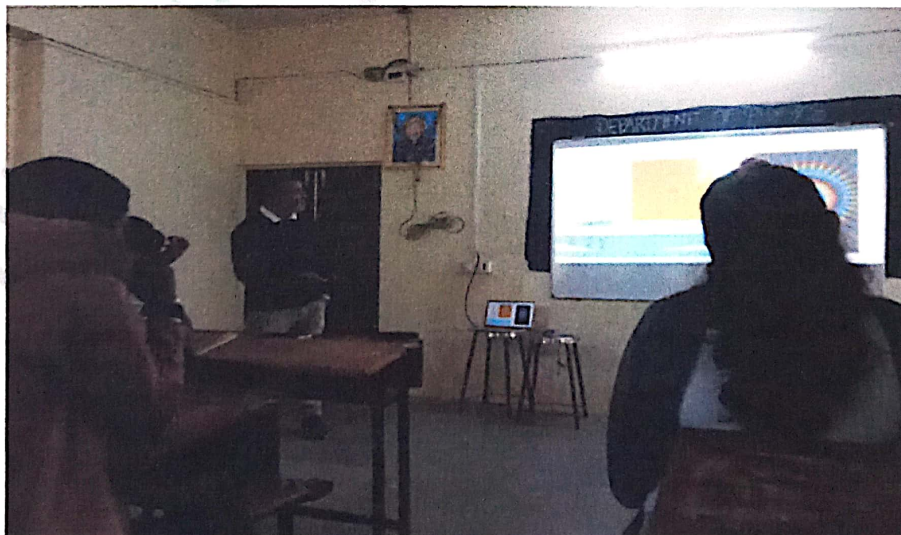


Audio-Visual demonstration:


Using Audio Visual aids can be useful for making learning easy, effective and permanent. Role of teachers is very important in using technology because on one side if it is used appropriately, it can make the learning interesting, but on other side if not used properly then it can distract the mind of students. In this regards, department of physics started to make Audio Visual concept for all physics students. Following are some photographs of Audio-Visual aids.




Dr. A. M More teaching a construction and working of Ruby Laser through Audio Visual way (Academic year: 2021-2022)



Dr. A. M More teaching a concept of physics subject through Audio Visual way (Academic year: 2021-2022)


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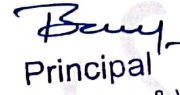

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Departmental library register:

Physics department provide departmental library facility for both slow and advance learners. Both the students can access the library reference books, journals etc. The register is maintained and is shown in following photographs.



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 Paranda Road, Bhosare, (Kurdwad) Tal-Madha Dist.-Solapur Pin-413 208 (Maharashtra)

Department of Physics

Departmental Library Book Checkout Sheet (2021-2022)

Sr. No.	Name of the Student	Contact no.	Class	Book Title	Date of Barrow	Date of Return	Days
1	Ankita . K . Bagel	9970941295	BSc - III	Classical Mechanics (XI)	17/8/21	1/9/21	14
2	Harshada C. Yadev	9689145419	BSc - III	Math. physics & Statistical Ph. (IX)	18/8/21	3/9/21	15
3	Rushikes . S . More	7397919968	BSc - III	Solid state physics (P - X)	23/8/21	4/9/21	11
4	Sapan . S . Dhene	7083935044	BSc - III	Nuclear physics (P XII)	25/8/21	6/9/21	12
5	Shubham G. Pabi	7058976358	BSc - II	General physics Heat & sound	8/9/21	21/9/21	13
6	Dattatray . R . Gore	7499343160	BSc - II	Electronics	9/9/21	23/9/21	14
7	Balkrishna . V . khare	8766822837	BSc II	Electronics	11/9/21	24/9/21	15
8	Aishwarya R. Khare	7083590223	BSc I	Mech. and prop. of matter (I)	24/9/21	4/11/21	10
9	Pankaj C. Patkulkar	9158252305	BSc I	optics (II)	27/9/21	5/11/21	8
10	Rutika P. Londhe	8669556726	BSc I	Thermodynamics (III)	29/9/21	6/11/21	8
11	Sidhali S. Gopate	7588179381	BSc I	Electricity and magnetism (IV)	30/9/21	9/11/21	10
12	Rutuja D. Navale	9322097873	BSc I	Thermodynamics (III)	30/9/21	11/11/21	11

(Signature)

Head, Department of Physics
 .NBAC & VPS College, Bhosare.

(Signature)
 Principal

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Counselling register:

Counselling helps students recognize the factors contributing to their problems, while at the same time helping them to look for solutions through behavioural and psychological changes. There is much confusion among students regarding to choose right carrier path. In such cases, department provide counselling to such students. Department maintain counselling register of both slow and advance learners and here are some photographs of counselling register.



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Department of Physics

2021-2022

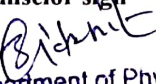
Student Counselling Report

Date: 05/01/2021

Name of the Student/s:	Gore Dattaraj Ramchandra.
Class:	B.Sc - II
Student Comments regarding his/her performance:	1) Lack of interest 2) Lack of concentration 3) Deviation from main path 4) de-motivated.
Activity method adapted by Counselor:	Contact with students in the class room <input checked="" type="checkbox"/> Contact with students in small group <input type="checkbox"/> Contact with individual counselling with students <input checked="" type="checkbox"/> Discussions on related topics of students <input type="checkbox"/>
Committed corrective actions by student/s:	I think all this can be solve. IF i put some more effort. I have to keep Faith upon my self.



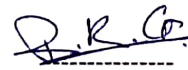
Counselor sign



Head, Department of Physics
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Student sign



Parent sign



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Department of Physics

2021-2022

Student Counselling Report

Date: 11/01/2021

Name of the Student/s:	Patil Shubham Ganesh		
Class:	BSC.II		
Student Comments regarding his/her performance:	1) lack of interest. 2) lack of concentration. 3) deviation from original path. 4) demotivated.		
Activity method adapted by Counselor:	Contact with students in the class room	<input checked="" type="checkbox"/>	
	Contact with students in small group	<input type="checkbox"/>	
	Contact with individual counselling with students	<input checked="" type="checkbox"/>	
	Discussions on related topics of students	<input type="checkbox"/>	
Committed corrective actions by student/s:	I think all these can be solve If I put some more effort I have to keep faith upon my self.		

Bidnit

Counselor sign

Bidnit

Head, Department of Physics
KNBAC & VPS College, Bhosare.

Mi

Students sign

G.M. Patil

Parent sign

Beey
Principal

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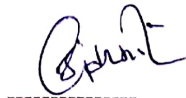
Department of Physics

2021-2022


Student Counselling Report

Date: 21/01/2021

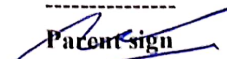
Name of the Student/s:	Balkrushna Nilas Khare
Class:	BSc II
Student Comments regarding his/her performance:	1) Lack of concentration 2) Demotivate 3) Deviation from main path 4) Directionless
Activity method adapted by Counselor:	Contact with students in the class room <input checked="" type="checkbox"/> Contact with students in small group <input type="checkbox"/> Contact with individual counselling with students <input checked="" type="checkbox"/> Discussions on related topics of students <input type="checkbox"/>
Committed corrective actions by student/s:	I have to keep faith in myself so that i can improve myself



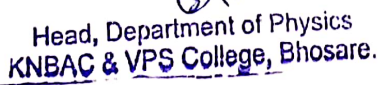
Counselor sign



Student sign



Parent sign


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Department of Physics

2021-2022

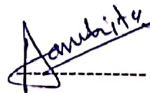
Student Counselling Report

Date: 25/01/2021

Name of the Student/s:	Ankit Krunal Das Barge
Class:	B.Sc III
Student Comments regarding his/her performance:	1) de-motivated. 2) Lack of concentration. 3) Lack of interest. 4) Lack of focus.
Activity method adapted by Counselor:	Contact with students in the class room <input type="checkbox"/> Contact with students in small group <input checked="" type="checkbox"/> Contact with individual counselling with students <input checked="" type="checkbox"/> Discussions on related topics of students <input type="checkbox"/>
Committed corrective actions by student/s:	I think all this can be solved. If I put some more effort. I have to believe in myself.



Counselor sign

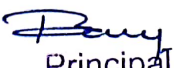


Student sign



Parent sign


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Department of Physics

2021-2022

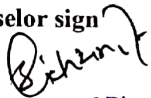
Student Counselling Report

Date: 30/01/2021

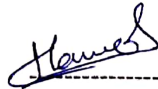
Name of the Student/s:	Harshada Chandrakant Yadav.
Class:	B. SC III
Student Comments regarding his/her performance:	1) Lack of Focus. 2) de-motivated. 3) Lack of interest 4) deviation from main path.
Activity method adapted by Counselor:	Contact with students in the class room <input type="checkbox"/> Contact with students in small group <input checked="" type="checkbox"/> Contact with individual counselling with students <input checked="" type="checkbox"/> Discussions on related topics of students <input type="checkbox"/>
Committed corrective actions by student/s:	I thin I can solve all this. I have to put some more efforts I have to belive in myself.



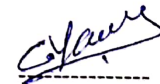
Counselor sign



Head, Department of Physics
KNBAC & VPS College, Bhosare.



Student sign



Parent sign

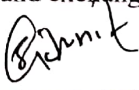


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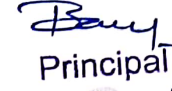


Question bank/Question papers

Department provide question bank and previous question papers to both advanced and slow learners for practice and solving numerical problems related to the subject. Also students from advanced and slow learners formulate the multiple choice question in their own and exchange it to whatsapp or Telegram group.



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SET-A

Multiple Choice Questions

B.Sc. – III: Semester- V (w.e.f. June 2018 CBCS)

Physics Paper- X – Solid State Physics

Nov/Dec-2020

Max. Marks : 50

Q. No.	Multiple Choice Questions
1.	The non-crystalline or amorphous solids are characterized by the completely --- arrangement of atoms or molecules. a) neat b) regular c) random d) ordered
2.	The science which deals with the study of geometrical form and physical properties of solids is called ---. a) crystallography b) chromatography c) geography d) micrography
3.	Space lattice + --- gives a crystal structure. a) basic b) cell c) symmetry d) basis
4.	The Miller indices of a plane, in general, are written as ---. a) (hkl) b) $[h/k]$ c) $\{hkl\}$ d) $\langle hkl \rangle$
5.	The conventional unit cell of BCC structure is ---. a) non-primitive b) primitive c) elementary d) simple

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Q. No.	Multiple Choice Questions
6.	The hexagonal crystal system has only --- Bravais lattice. a) 1 b) 2 c) 3 d) 4
7.	In case of FCC structure there are --- face centered atoms situated at each face. a) 1 b) 3 c) 6 d) 8
8.	Side of the simple cubic structure is given by --- a) $a = 2r$ b) $a = r/2$ c) $a = 4r/3$ d) r^3
9.	Repeated entity of a crystal structure is known as ---. a) Miller indices b) unit cell c) lattice d) basis
10.	The diffraction depends on the crystal structure and on ---. a) frequency b) wavelength c) intensity d) distance
11.	In X-ray crystallography, the 2d image formed is converted into 3d form using the mathematical concept of ---. a) Fourier transform b) permutation c) Geiger method d) partial differentiation
12.	The words 'diffractions' and 'reflection' are mutually interchangeable in --- treatment. a) Bragg's b) Newton's c) Einstein's d) Laue's
13.	A crystal acts as 3D --- for X-ray of wavelength of the order of atomic diameter. a) prism b) grating c) cylindrical obstacle d) thin wire
14.	The X-ray diffraction occurs from various sets of --- planes having different orientation and interplaner spacing. a) circular b) perpendicular c) parallel d) spherical

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15.	The reciprocal lattice to simple cubic lattice is the ---. a) fcc b) bcc c) hcp d) sc
16.	The idea of reciprocal lattice was developed by the scientist ---. a) Max Laue b) P.P. Ewald c) Miller d) Bragg
17.	Bragg's law is also expressed as --- a) $2k \cdot G + G^2 = 0$ b) $G + G^2 = 0$ c) $2k \cdot G + G = 0$ d) $2K^2 \cdot G + G = 0$
18.	The --- point on the normal represents a set of plane of a given orientation and spacing is called as reciprocal lattice. a) single b) double c) triple d) quadruple
19.	The ratio of electrical conductivity to the thermal conductivity should be --- for all metals at a constant temperature. a) variable b) flexible c) constant d) fluctuating
20.	At very low temperatures, the specific heat is proportional to --- a) T^3 b) T^4 c) T^2 d) T^5
21.	The simplest analysis of the Drude model assumes that electric field is --- a) random b) infinite c) non uniform d) uniform
22.	The thermal conductivity is due to both --- and free electrons. a) protons b) photons c) neutrons d) mesons
23.	--- is the average net velocity in the direction of electric field. a) escape velocity b) drift velocity c) velocity of electrons d) velocity of holes

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24.	Electron in Fermi level will follow ---. a) B-E energy distribution b) M-B energy distribution c) F-D energy distribution d) all of the above
25.	Fermi level represents the energy level with probability of its occupation of ---. a) 0 % b) 25 % c) 50 % d) 75 %
26.	For metals conduction band and valence band are --- a) fully occupied b) empty c) partially occupied d) overlapping
27.	In an insulator, the forbidden energy band gap is of the order of ---. a) 1.0 eV b) 2.0 eV c) 3.0 eV d) 5.0 eV
28.	If the magnitude of current is decreased, the Hall voltage developed is ---. a) increased b) remains constant c) decreased d) change in direction
29.	At 0 K, semiconductors are ---. a) perfect semiconductor b) perfect metal c) perfect insulator d) perfect non-metal
30.	Hall effect can be used to measure ---. a) conductivity of semiconductor b) mobility of semiconductor c) resistivity of semiconductor d) all of the above
31.	The shape of E-K diagram of the conduction and valence band is ---. a) vertical b) horizontal c) zigzag d) parabolic
32.	The symbol K in Fermi energy represents ---. a) Boltzmann constant b) M-B constant c) wave vector d) Planck constant

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Q. No.	Multiple Choice Questions
33.	The value of the magnetic field at which the superconductivity vanishes is called - --- a) critical field b) low field c) high field d) medium field
34.	The superconductors which strictly follow the Meissner effect are called ---. a) hard SC b) soft SC c) conductor d) Type II SC
35.	In Josephson effect, a dc current flows across the junction even when --- voltage is applied across it. a) low b) high c) medium d) no
36.	The area of hysteresis loss is a measure of --- a) permeance b) energy loss per cycle c) magnetic flux d) permittivity
37.	Hysteresis loss is basically a --- loss. a) heat b) volume c) frequency d) current
38.	The materials with small but positive magnetic susceptibility are known as --- materials. a) anti-ferromagnetic b) ferromagnetic c) paramagnetic d) diamagnetic
39.	--- materials are the highest value of saturation. a) Ferrites b) Ferromagnetic c) Paramagnetic d) Diamagnetic
40.	The temperature above which an anti-ferromagnetic material becomes paramagnetic material is called --- temperature. a) Weiss b) Neel c) Curie d) critical
41.	The value of B at H = 0 in a hysteresis curve is called ---. a) porosity b) coercivity c) remanence d) magnetization

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Q. No.	Multiple Choice Questions
42.	The Kronig-Penney model illustrates the behavior of electrons in --- dimensional periodic potential. a) one b) two c) three d) four
43.	Heat capacity of most of the solids at room temperature is close to ---. a) $3 Nk_B$ b) $4 Nk_B$ c) $5 k_B V$ d) $6 Nk_B$
44.	Find the Miller indices when plane cuts the intercepts of 1, 1, ∞ unit along x, y, and z respectively. a) (111) b) (110) c) (010) d) (101)
45.	Copper has FCC structure with lattice parameter 0.361 nm, then the interplaner spacing for a plane (220) will be --- a) 0.361 nm b) 0.248 nm c) 0.128 nm d) 0.231 nm
46.	What will be the distance (d) between two lattice planes which gives 1 st order diffraction at an angle of 26.42° with X-ray of wavelength 0.714 \AA ? a) 0.857 \AA b) 0.799 \AA c) 0.699 \AA d) 0.659 \AA
47.	What will be drift velocity of the free electron with mobility of $6.3 \times 10^{-3} \text{ m}^2/\text{V.s}$ in copper for electric field strength of 0.4 V/m? a) $2.52 \times 10^{-3} \text{ m/s}$ b) $1.32 \times 10^{-3} \text{ m/s}$ c) $3.52 \times 10^{-3} \text{ m/s}$ d) $4.32 \times 10^{-3} \text{ m/s}$
48.	Flux density is measured in the unit of --- a) Weber b) Tesla c) Ohm d) Newton
49.	The --- of the reciprocal lattice is direct lattice. a) square b) square root c) reciprocal d) cube
50.	--- is a group of magnetically aligned atoms. a) Domain b) Lattice c) Unit cell d) Crystal

=====End=====

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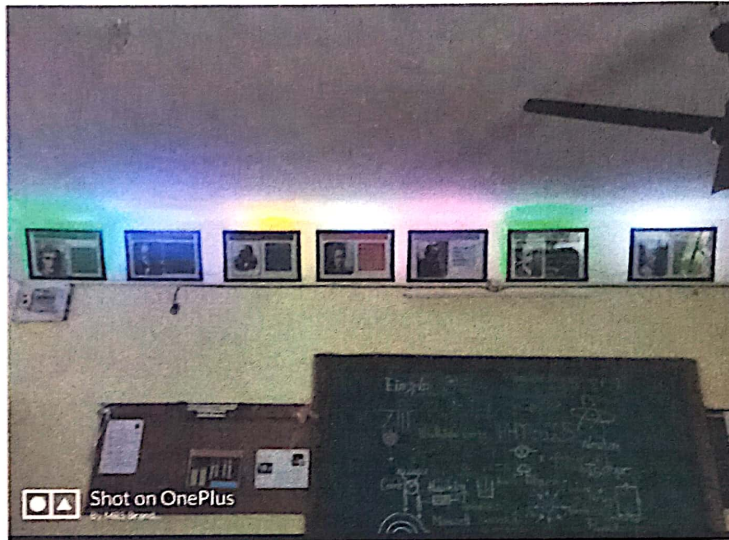
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Extra-curricular activity by slow-learner:

Some students may have slow in learning process but they have very good hand in repairing instruments like computer, printer and making dynamic, colourful light system within the department. Here are some photographs that showing dynamic light system made by third year students with the help of first year students.



Students made dynamic colourful light system in physics department



Students made dynamic colourful light system in physics department

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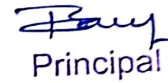
Conclusions:

The above activities were taken for both advance and slow learners to make equality among students in the year 2021-2022. It is observed that,

- It is not necessary to judge only from theory marks and then to decide who one is slow and advance learner in the learning process.
- Slow learner shows activeness/ smartness/ helpfulness in the outdoor activities such as Study tour/Field visit and in the social activities.
- Slow students performance was improved even when they work with advance students. It reflects team work.
- There is increased number of participation of students in various departmental programmes.
- Students were motivated to take seminars. It shows the improvement in stage daring performance.
- The number of arrears of individual student is reduced by counselling treatment.



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