

Shri Shivaji Education Society, Amravati's



**Mahatma Fule Arts & Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud**

DIST. AMRAVATI (M.S.) 444 906 Ph.(Off.) : 07229-232 002  
ESTD : 1960 NAAC Reaccredited with „B“ Grade with CGPA-2.43

President Hon'ble  
**Harshvardhan P. Deshmukh**

Principal  
**Dr. G.N. Chaudhari**

Founder President  
**Dr. Panjabrao**  
alias **Bhausahab Deshmukh**  
M.A., D. Phil., LL.B., Bar-at-Law

### ***2.3.1. Student Centric Methods Such as Experiential Learning, Participative learning and Problem Solving Methodologies***

- **ICT Facilities**
- **PPT**
- **Google forms for online tests, home assignments**
- **Experiential learning, Participative Learning and Method Solving Methodology**



**Mahatma Fule Arts, Commerce and Sitaramji Chaudhari  
Science Mahavidyalaya, Warud  
Department of Home Economics**

**Evidence of Online Teaching**

Online teaching had been done through a (Zoom) link provided by Mr. Shripal Education Society, Amravati. The link was communicated to students and online classes were conducted through that link for students studying in B.A. - I, B.A. - II and B.A. III. Online teaching was also done using Power Point Presentations and the same was shared with students as well.

The link was: <https://classmate.zoom.us/j/94801131810>

Also, some Youtube videos related to Embroidery stitches were shared with students. Links of the same are as follows:

<https://youtu.be/bv0t5e111Qc>

<https://youtu.be/18wYuoDf0rA>

<https://youtu.be/yv0Jz7rE1bs>

<https://youtu.be/CA1x0h0ba>

<https://youtu.be/138bX8I7y4d>

<https://youtu.be/t0f2t3t3t3t>

*(Dr. H. A. Bhatnagar)*  
**(H. A. Bhatnagar)**  
Head of the Department  
Department of Home Economics  
Mahatma Fule Arts, Comm & S.C. Mahavidyalaya  
Warud, Dist. Amravati

**YouTube Link for B.Sc. I or New Exam II Right body notes**

1. <https://youtu.be/7m030000000>
2. <https://youtu.be/7m030000000>
3. <https://youtu.be/7m030000000>
4. <https://youtu.be/7m030000000>
5. <https://youtu.be/7m030000000>
6. <https://youtu.be/7m030000000>
7. <https://youtu.be/7m030000000>
8. <https://youtu.be/7m030000000>

**YouTube Link for B.Sc. V or New Exam V Notebook Physics**

1. <https://youtu.be/7m030000000>
2. <https://youtu.be/7m030000000>
3. <https://youtu.be/7m030000000>
4. <https://youtu.be/7m030000000>
5. <https://youtu.be/7m030000000>
6. <https://youtu.be/7m030000000>
7. <https://youtu.be/7m030000000>

**Practical Demonstration YouTube Link for B.Sc. I or New**

1. <https://youtu.be/7m030000000>
2. <https://youtu.be/7m030000000>

**Practical Demonstration YouTube Link for B.Sc. V or New**

1. <https://youtu.be/7m030000000>
2. <https://youtu.be/7m030000000>
3. <https://youtu.be/7m030000000>
4. <https://youtu.be/7m030000000>

**YouTube Link for B.Sc. II and New Exam II Network Resource**

1. <https://youtu.be/7m030000000>
2. <https://youtu.be/7m030000000>
3. <https://youtu.be/7m030000000>
4. <https://youtu.be/7m030000000>

**YouTube Link for B.Sc. VI New Exam III Cartography**

1. <https://youtu.be/7m030000000>

**YouTube Link for B.Sc. V or New**

- Practical Demonstration YouTube Link for B.Sc. V or New**
1. <https://youtu.be/7m030000000>
  2. <https://youtu.be/7m030000000>

**New Exam Channel Link**

<https://youtu.be/7m030000000>

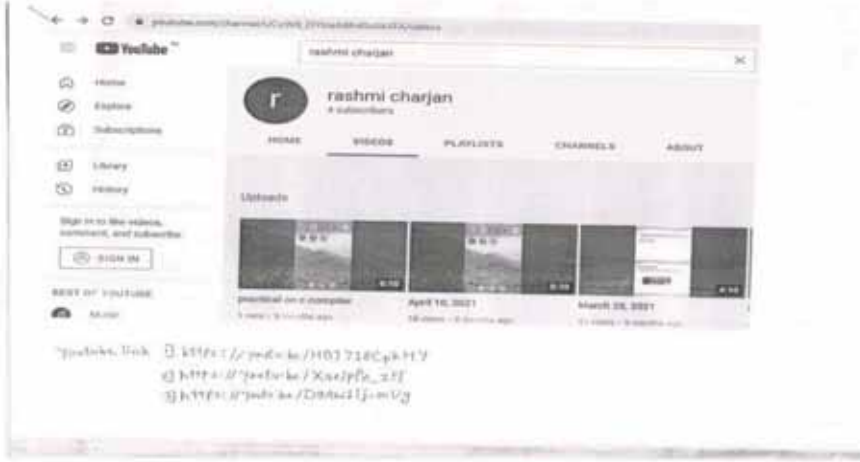
Sanctioned by  
*Dr. K. Y. Bhatnagar*

**Head**  
Department of Home Economics  
Mahatma Fule Arts, Comm & S.C. Mahavidyalaya  
Warud, Dist. Amravati



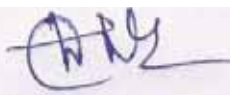
*(Signature)*  
**PRINCIPAL,**  
Mahatma Fule Arts, Comm & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati


**You Tube Links: Ku. RashmiCharjan**



**You-Tube Links : Dr. U. B. Sangolkar**



  
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Chaudhari Science Mahavidyalaya,  
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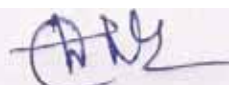


**You-Tube Links: Dr. P. U.  
Belsare**



**You-Tube Links: Dr. Kuldeep Singh Mohadikar**



  
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Warud, Dist Amravati



## Department Of Botany

**Dr. Pranjali J. Deshmukh**  
Assistant Professor

### You Tube Links :-

1. <https://youtu.be/UhAELJGjE>
2. <https://youtu.be/gDHDB0UnUb0>
3. [https://youtu.be/Xdfq\\_U8Kzkl](https://youtu.be/Xdfq_U8Kzkl)
4. <https://youtu.be/NiRjj2Azqss>
5. <https://youtu.be/Oq70gbdfNlc>
6. <https://youtu.be/30XszllHshE>
7. [https://youtu.be/0R9z\\_MRdQLg](https://youtu.be/0R9z_MRdQLg)
8. <https://youtu.be/CLSTHD2LrUM>
9. <https://youtu.be/30XszllHshE>

**Dr.Mrs. Sharayu S. Deshmukh**  
Class-B.Sc-I,II,III years

You-tube link

<https://youtu.be/mACPwCMsZD4>

<https://youtu.be/f9p8JUYhtg>

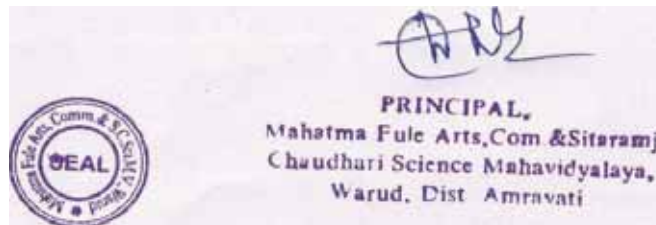
<https://youtu.be/mACPwCMsZD4>

<https://youtu.be/f9p8JUYht-g>

<https://youtu.be/pplGEUuKXa4>

<https://youtu.be/QnaPqqtG4hc>

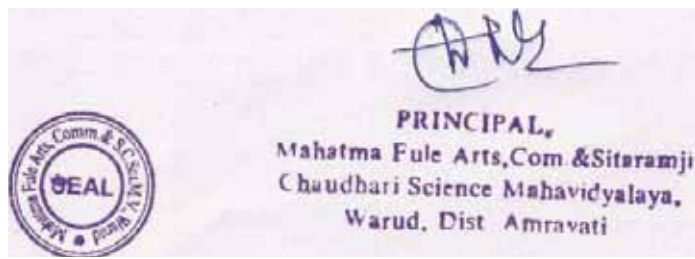
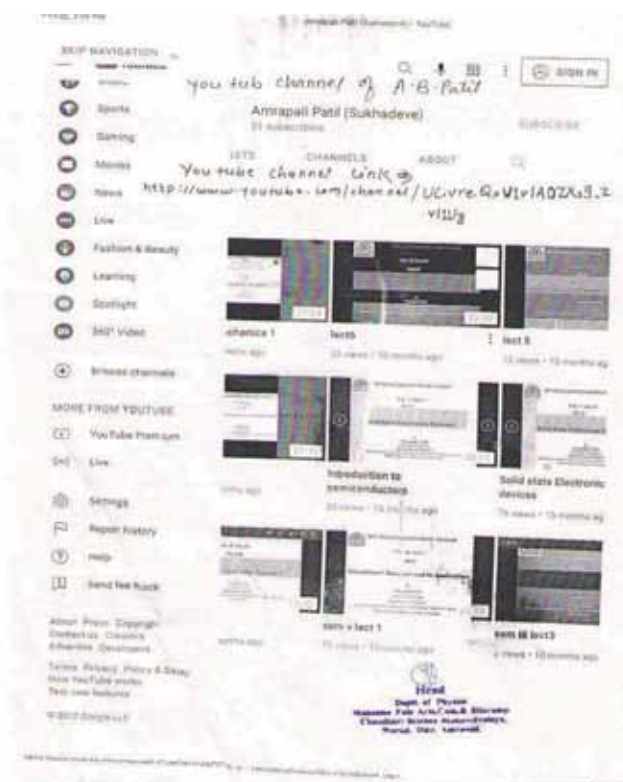
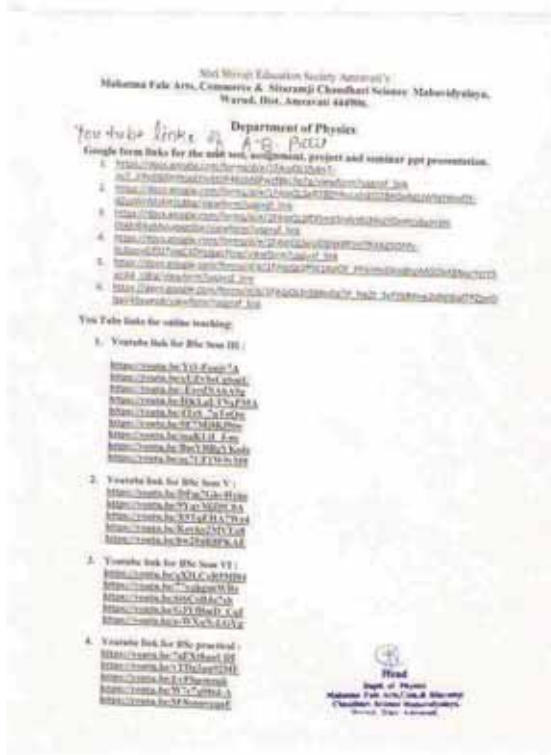
<https://youtu.be/k7wcLnfAtb8>



**You-Tube Links: Mrs. M. R. Umekar**

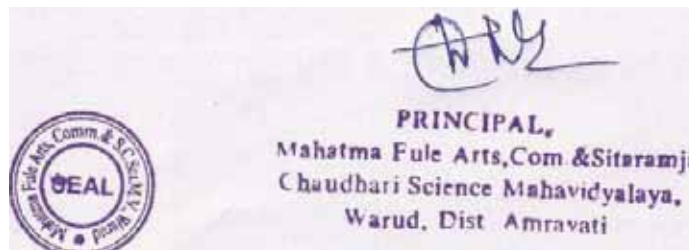


**You-Tube Links: Ku. A. B. Patil**



# Power Point Presentations

PPT :Dr. Mrs. R.Y.Bakale





**Department of Mathematics**

Mahatma Fule Arts, Comm. & Sitaramji  
Chaudhari Science Mahavidyalaya, Warud

Special Theory  
of  
Relativity

Prof. V. S. Bawane  
Head, Dept. of Mathematics

### Introduction

- Basic concept in NM
- Three laws of motion
- Frame of References
- Inertial System (Frame)
- Non – Inertial System
- Event

### Galilean Transformation ( GT )

- Consider two inertial frames S and S'
- S' is moving with uniform speed  $v$  w. r. to S.
- O & O' Observers at origins of S & S' observing the same event at any point p.

By triangle law of addition,

$$\vec{r} = \vec{OO'} + \vec{r'}$$

$$\Rightarrow \vec{r'} = \vec{r} - \vec{v}t \quad \text{where } \vec{OO'} = \vec{v}t \quad (1)$$

The time can be defined independently,

$$\therefore t' = t \quad (2)$$

These equations are Galilean Transformations.

### Lorentz Transformation

- Consider two inertial frames S and S'
- S' is moving with uniform speed  $V$  w. r. to S.
- O & O' the observers at origins of S & S' observing the same event at any point p.

The point which is at rest w. r. to S' will move with velocity  $V$  relative to S in  $XX'$  direction. The point  $x' = 0$  is identical with  $x = vt$  so that

$$x = y(x - vt) \quad (1)$$

Where  $y$  is some function of  $v$ .

Since velocity of S' is along  $xx'$  direction, we have

$$y' = y \quad \& \quad z' = z \quad (2)$$

Also,  $y' = \alpha t + \beta x$  (3)

where  $\alpha$  &  $\beta$  are functions of  $v$ .

Equation of spherical wavefront is,

$$\text{In S, } x^2 + y^2 + z^2 = c^2 t^2 \quad (4)$$

$$\text{In S', } x'^2 + y'^2 + z'^2 = c^2 t'^2 \quad (5)$$

Putting  $x', y', z', \& t'$  in equation (5)

We have  $t' = \alpha t + \beta x$   $\therefore t' = \alpha t - \frac{\alpha v}{c^2} x = \alpha \left( t - \frac{vx}{c^2} \right)$

$\therefore$  The Lorentz transformation equations are

$$\begin{aligned} x' &= \alpha(x - vt) \\ y' &= y \\ z' &= z \\ t' &= \alpha \left( t - \frac{vx}{c^2} \right) \quad \text{where } \alpha = \frac{1}{\sqrt{1 - \frac{v^2}{c^2}}} \end{aligned}$$

The quantity  $\alpha = \frac{1}{\sqrt{1 - \frac{v^2}{c^2}}}$  is called as Lorentz contraction factor

### Lorentz Inverse Transformations

Lorentz Inverse Transformations are,

$$\begin{aligned} x &= \alpha(x' + vt') \\ y &= y' \\ z &= z' \\ t &= \alpha \left( t' + \frac{vx'}{c^2} \right) \quad \text{where } \alpha = \frac{1}{\sqrt{1 - \frac{v^2}{c^2}}} \end{aligned}$$

### References


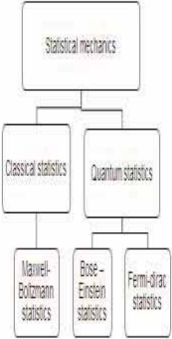
- T.M Karade : **Special Theory of Relativity**  
Sri Sri Publications, Nagpur, Maharashtra.
- T.M Karade : **General Relativity**  
Sri Sri Publications, Nagpur, Maharashtra.
- C. Moller : **The Theory of Relativity**  
Oxford Clarendon Press, 1952.
- P. G. Bergmann : **Theory of Relativity**,  
Prentice Hall of India, Pvt. Ltd. , 1969
- Roy & Kajali : **Theory of Relativity**  
Jaipur Publishing House, Jaipur



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PPT: Miss. A.B.Patil

 <p>Shri Shivaji Education Society Amravati's Mahatma Fule Arts Commerce &amp; Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati</p> <p>B.Sc. II Sem III Unit I</p> <h2 style="text-align: center;">STATISTICAL MECHANICS</h2> <p>By Amrapali Patil Assistant Professor Department of Physics</p>	<h3>Outline</h3> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Phase space, unit cell</li> <li>• Microstates and macrostates</li> <li>• Energy States, density of energy states</li> <li>• Probability and most probable distribution</li> <li>• Boltzmann entropy relation</li> <li>• Maxwell-Boltzmann statistics</li> <li>• Molecular speed distribution</li> <li>• r.m.s. speed and most probable velocity</li> </ul>	<h3>Introduction</h3> <p>Statistical mechanics is a branch of science which give the relation between macroscopic behavior (bulk properties) of the system in terms of its microscopic behavior (individual properties). Statistical mechanics does not depends on the actual motions or interactions of the individual particles but depends on the most probable behavior of system of particles.</p> <p>For example, if we have to find out the actual behavior a gas having thousands of molecules whose position and velocities at any time are known, we have to solve thousands of equation of motion. Now it is impossible to have a detail knowledge about position and velocity of all the molecules. Under such conditions the method of statistical mechanics is useful.</p> <div style="text-align: center;">  </div>																						
<p><b>Maxwell-boltzmann statistics (M.B. Statistics)</b> This is applicable to the identical, distinguishable particles of any spin. e.g. : molecules of gas</p> <p><b>Bose-Einstein Statistical:</b> This is applicable to the identical, indistinguishable particles of zero or integral spin, these particles are called boson. e.g. He atom at low temp. photons, etc.</p> <p><b>Fermi-Dirac statistics:</b> This is applicable to the identical, indistinguishable particles of half spin. These particles obey Pauli's exclusion principle and are called fermions. Ex. Electrons, protons, neutrons, etc....</p>	<h3>Unit cell</h3> <p>If the available volume in the phase space is divided into large number of elementary cell/ division /part of equal volume, then each elementary cell is known as <b>unit cell</b>.</p> <p>Let the phase space is divided into large number of six dimensional elementary cells of equal volume whose sides are <math>dx, dy, dz, dp_x, dp_y, dp_z</math>. Then each cell is called as unit cell or phase cell now, volume of each cell = <math>dx \cdot dy \cdot dz \cdot dp_x \cdot dp_y \cdot dp_z</math> = <math>dx \cdot dp_x \cdot dy \cdot dp_y \cdot dz \cdot dp_z</math></p> <p>From uncertainty principle, <math>dx \cdot dp_x \geq h</math>   <math>dy \cdot dp_y \geq h</math>   <math>dz \cdot dp_z \geq h</math></p> <p>Hence, volume of each cell = <math>dx \cdot dp_x \cdot dy \cdot dp_y \cdot dz \cdot dp_z</math> <math>\geq h \cdot h \cdot h</math> <math>\geq h^3</math></p> <p>Thus point in phase space is considered to be a cell having minimum volume of an order of <math>h^3</math></p>	<h3>Macrostate:</h3> <p>Each compartment wise distribution of particles in a system is known as macrostate.</p> <p>e.g. consider 4 distinguishable particles and we wish to distribute them into two similar compartments in an open box.</p> <p>Let a, b, c, d are the four particles, the distribution of these particles in two compartments in open box.</p> <table border="1" data-bbox="901 1365 1193 1480"> <thead> <tr> <th>Compartment</th> <th colspan="4">Distribution of particles</th> </tr> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <th>1</th> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <th>2</th> <td>4</td> <td>3</td> <td>2</td> <td>1</td> <td>0</td> </tr> </tbody> </table> <p>This shows 4 different distributions (0,4), (1,3), (2,2), (3,1) and (4,0). In general, for a system of particles to be distributed in two similar compartments the various macrostates are (0, n), (1, n-1), (2, n-2), ... (n-1, 1), (n, 0). Therefore, the total no. of macrostate for particles is (n+1).</p> <p style="text-align: center; border: 1px solid black; padding: 2px;">macrostate = (n+1)</p>	Compartment	Distribution of particles					1	2	3	4	1	0	1	2	3	4	2	4	3	2	1	0
Compartment	Distribution of particles																							
	1	2	3	4																				
1	0	1	2	3	4																			
2	4	3	2	1	0																			

### Density of energy state $\{N(E)$ or $g(E)$

The number of quantum states per unit energy range at the given energy (E) per unit volume.

It is denoted as  $g(E)$  or  $N(E)$

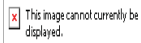
$$g(E) \text{ or } n(E) = \int_E^{E+dE} \frac{dN}{E dV} dE$$

Where,

$dN.dE$  is the total no of energy state for a energy range E and  $E+dE$

$dV$  is unit volume for that energy range  $E+dE$ .

For 3D quantum state, the density of energy state is given as,



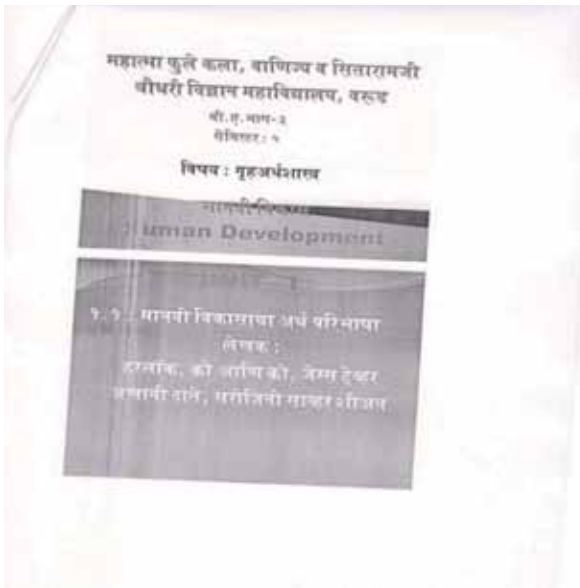
The density of energy states simply measures the available states. It does not say anything about whether these states are filled by electrons.

The S.I. unit of density of energy state (DOS) is state per cubic meter per electron volt


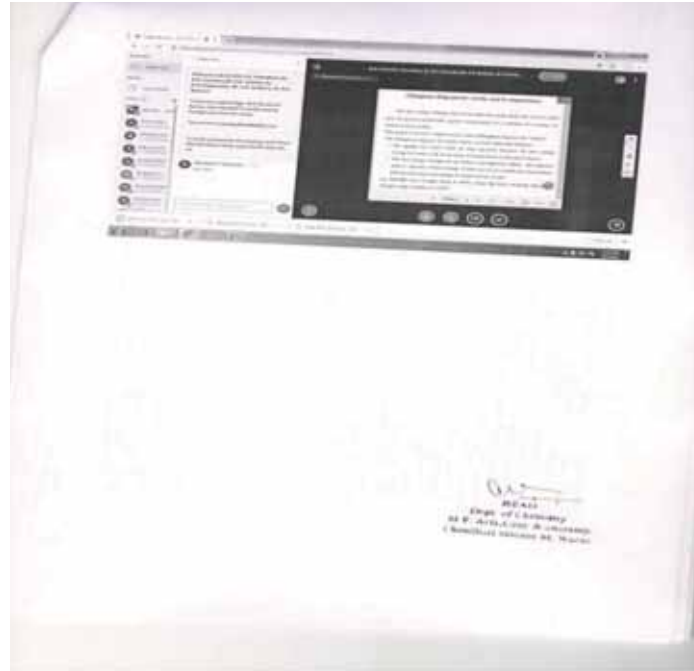
i.e.  $\text{states}/\text{m}^3\text{eV}$

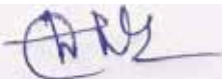
Thank you

## PPT : Dr. NaliniA Bodkhe



PPT : Dr. P. U. Belsare



  
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# Google forms: Department of Physics

## BSc. Sem I Physics Unit Test

Mahatma Fule Arts, Commerce & Sitararnji Chaudhari Science Mahavidyalaya Warud

BSc-1 Sem  
MCQ Test On  
Rigid Body Motion

1. Email \*

2. Name \*

3. Mobile Number \*

MCQ Questions

4. 1. The center of mass of a system of particles does not depend upon, \*

Mark only one oval.

(a) position of particle

(b) relative distance between particle

(c) mass of particle

(d) force acting on particle

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5. 2. A couple produces \*

Mark only one oval.

(a) pure rotation

(b) pure translation

(c) rotation and translation

(d) no motion

6. 3. A particle is moving with a constant velocity along a line parallel to positive X-axis. The magnitude of its angular momentum with respect to the origin is \*

Mark only one oval.

(a) zero

(b) increasing with x

(c) decreasing with x

(d) remaining constant

7. 4. A rope is wound around a hollow cylinder of mass 3 kg and radius 40 cm. What is the angular acceleration of the cylinder if the rope is pulled with a force 30 N? \*

Mark only one oval.

(a) 0.23 rad s<sup>-2</sup>

(b) 23 rad s<sup>-2</sup>

(c) 0.5 rad s<sup>-2</sup>

(d) 25 rad s<sup>-2</sup>

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8. 5. A closed cylindrical container is partially filled with water. As the container rotates in a horizontal plane about a perpendicular bisector, its moment of inertia, \*

Mark only one oval.

(a) increases

(b) decreases

(c) remains constant

(d) depends on direction of rotation

9. 6. A rigid body rotates with an angular momentum L, if its kinetic energy is halved, the angular momentum becomes \*

Mark only one oval.

(a) L

(b) L/2

(c) 2L

(d) L/2

10. 7. A particle undergoes uniform circular motion. The angular momentum of the particle remains conserved about \*

Mark only one oval.

(a) the centre point of the circle

(b) the point on the circumference of the circle

(c) any point inside the circle

(d) any point outside the circle

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# BSc Sem VI Physics Unit Test

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud. Unit Test for B.Sc. (Part III) VI th SEM  
 B.Sc. (Part III) Semester VI (Summer 2021)  
 Unit Test  
 Subject: Physics  
 \* Required

1. E-mail id \*

2. Surname \*

3. First name \*

4. Middle Name \*

5. Mobile number \*

Internal Assessment Test for B.Sc. VI th SEM

Department of Physics  
 Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Warud, Warananagar

6. 1. The co-ordination number of simple cubic cell \*

Mark only one oval

8  
 9  
 12  
 16

7. 2. If the plane has a Miller index (h k l) then its intercepts on the three axes are \*

Mark only one oval

h, k, l  
 1/h, 1/k, 1/l  
 1/h, 1/k, 1/l  
 h, k, l

8. 3. When the plane is parallel to any crystallographic axis, its intercept on that axis is taken as \*

Mark only one oval

zero  
 infinity  
 one  
 none of these

Department of Physics  
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9. 4. When the plane is parallel to any crystallographic axis, its Miller index for that axis is \*

Mark only one oval

zero  
 infinity  
 one  
 none of these

10. 5. The smallest portion of a crystal which when repeated in different directions generates the entire crystal is called. \*

Mark only one oval

Lattice points  
 Crystal lattice  
 Unit cell  
 None of the mentioned

11. 6. For cubic structure \*

Mark only one oval

$a^2 + b^2 + c^2 = 90^\circ$   
  $a^2 + b^2 = c^2$   
  $a^2 + b^2 = c$   
  $a^2 + b^2 = c^2$

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12. 7. Bragg's equation is \*

Mark only one oval

$2d \sin \theta = n\lambda$   
  $2d \cos \theta = n\lambda$   
  $2d \sin \theta = n\lambda$   
  $2d \cos \theta = n\lambda$

13. 8. Miller indices define \*

Mark only one oval

a particular plane  
 a set of parallel planes  
 a set of perpendicular planes  
 none of these

14. 9. Grain boundaries is a crystal defect under the heading of \*

Mark only one oval

point defect  
 line defect  
 plane defect  
 none of these

15. 10. The structure of  $\text{NaCl}$  is \*

Mark only one oval

FCC  
 BCC  
 simple cubic  
 diamond

Department of Physics  
 Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Warud, Warananagar

# BSc Sem IV Project Assignment

10:00, 2:01 PM Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Department of Physics BSc II Sem IV

**Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Department of Physics BSc II Sem IV Project Assignment**  
BSc II sem IV (summer 2021)

Project Assignment  
Subject: PHYSICS

\* Required

1. Email \*
2. Surname \*
3. Middle Name \*
4. First Name \*
5. Name of class \*
6. Whats App Mobile No. \*

Head  
Dept. of Physics  
Mahatma Fule Arts/Com.& Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati.

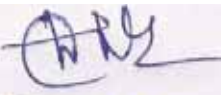
10:00, 2:01 PM Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Department of Physics BSc II Sem IV


7. email address \*

Assignment for BSc II SEM IV answer the following questions with proper explanation, all questions are compulsory.

8. 1. What is double refraction? \*
9. 2. Define quarter wave plate. \*
10. 3. Give importance of polarization? \*
11. 4. Define specific rotation. \*
12. 5. Why sky is blue? \*
13. 6. What is optical activity? \*

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Mahatma Fule Arts/Com.& Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati.

  
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Warud, Dist Amravati



# BSc II Sem III Physics Unit Test

Mahatma Fule Arts Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud

Mahatma Fule Arts Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud  
Unit Test for BSc II sem III

\* Required

1. Email \*

Topic name : solid state electronics devices II

2. Name of student \*

3. Mobile number \*

4. Email address \*

5. 1. For normal operation of transistor the emitter base junction must be in \_\_\_\_\_ biased. 2 points

Mark only one oval

forward biased  
 reverse biased  
 both forward and reverse biased  
 none of these

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6. 2. The input impedance of an ideal OP-AMP is \_\_\_\_\_ 2 points

Mark only one oval

infinite  
 zero  
 one  
 more than one

7. 3. The output impedance of an ideal OP-AMP is \_\_\_\_\_ 2 points

Mark only one oval

infinite  
 zero  
 one  
 more than one

8. 4. The operation of JFET involves 2 points

Mark only one oval

A flow of minority carrier  
 A flow of minority carrier  
 Recombination  
 negative resistance

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Mahavidyalaya Warud, Warud.

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9. 5. The region which is heavily doped than other region 2 points

Mark only one oval

Collector  
 emitter  
 base  
 base and emitter

10. 6. In transistor the popular mode is 2 points

Mark only one oval

CE mode  
 CE mode  
 CE mode  
 all of the above

11. 7. A FET is a \_\_\_\_\_ 2 points

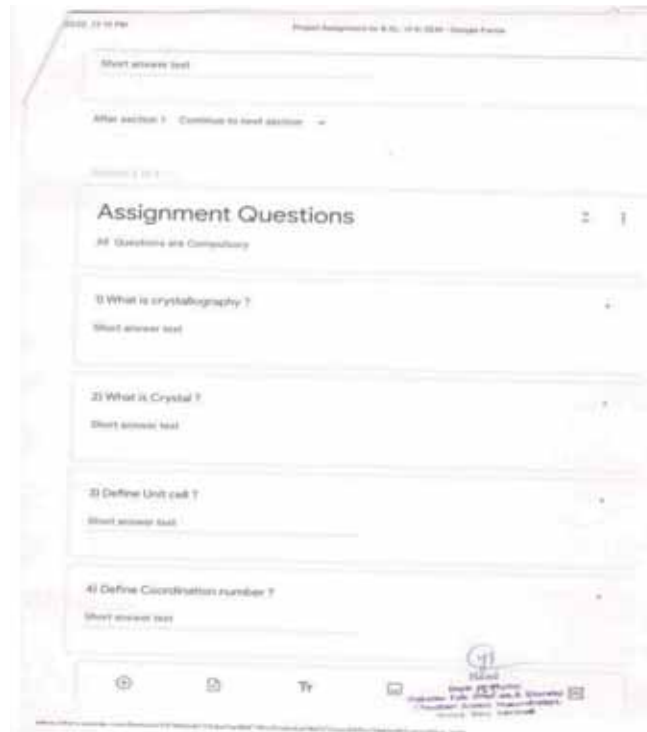
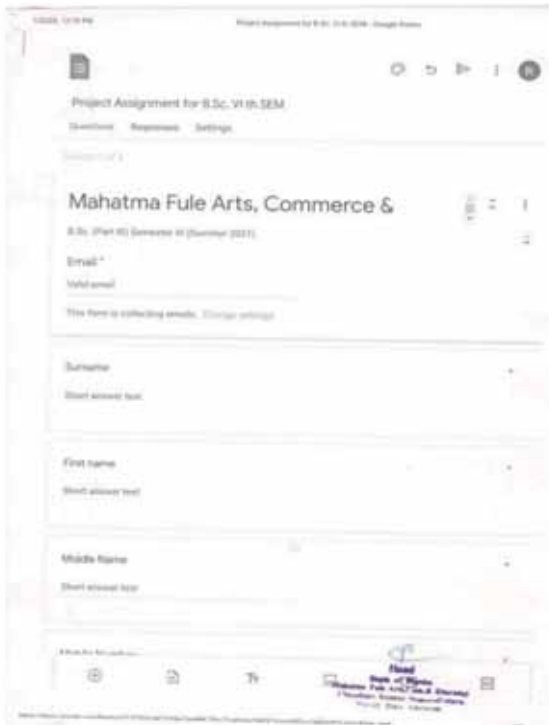
Mark only one oval


Bipolar device  
 unipolar device  
 Bipolar & unipolar device  
 Bipolar or unipolar device

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Mahavidyalaya Warud, Warud.



# BSc III Sem VI Project Assignment



  
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Chaudhari Science Mahavidyalaya,  
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## BSc II Sem IV Seminar PPT Submission

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Department of Physics BSc II Sem IV Seminar PPT Submission

Seminar PPT Submission

Submit PDF/DOC

Required

1. Surname \*
2. First Name \*
3. Middle Name \*
4. Name of class \*
5. Email address \*
6. Whatsapp mobile no. \*



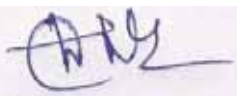
Submit your ppt by clicking add file \*

File submitted:


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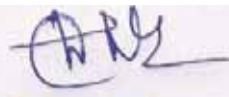


Google forms : Department of Chemistry

Roll No.	Name of Student	Topic of Seminar
74-2021 22 52 28	82071188 Shubang Unnaysky Path	https://www.google.com/search?q=unnaysky+path&rlz=C3121C150498953094071
74-2021 17 29 71	74926159 Pratiksha Nankumar Shrivastava	https://www.google.com/search?q=pratiksha+nankumar+shrivastava&rlz=C3121C150498953094071
74-2021 15 10 10	82032415 Neha Gangadhar Nagre	https://www.google.com/search?q=neha+gangadhar+nagre&rlz=C3121C150498953094071
74-2021 12 18 20	76298816 Vaishali Dhanraj Nagre	https://www.google.com/search?q=vaishali+dhanraj+nagre&rlz=C3121C150498953094071
74-2021 18 03 44	80791838 Harsha Parveen Jais Khar	https://www.google.com/search?q=harsha+parveen+jais+khar&rlz=C3121C150498953094071
74-2021 20 24 23	82032412 Anshika Dhanrajwar Patilkar	https://www.google.com/search?q=anshika+dhanrajwar+patilkar&rlz=C3121C150498953094071
74-2021 9 12 38	82214224 Ka Pratiksha E Kato	https://www.google.com/search?q=ka+pratiksha+e+kato&rlz=C3121C150498953094071
74-2021 14 30 40	81762412 Pooja N. Solange	https://www.google.com/search?q=pooja+n.solange&rlz=C3121C150498953094071
74-2021 16 38 20	81762417 Anika Solange	https://www.google.com/search?q=anika+solange&rlz=C3121C150498953094071
74-2021 11 36 43	82071210 Shreya Sol	https://www.google.com/search?q=shreya+sol&rlz=C3121C150498953094071
74-2021 16 02 21	80903202 Kavya parvat Kato	https://www.google.com/search?q=kavya+parvat+kato&rlz=C3121C150498953094071
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74-2021 16 28 14	84212476 VADHARU RAJENDRA JADU	https://www.google.com/search?q=vadharu+rajendra+jadu&rlz=C3121C150498953094071
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74-2021 8 38 32	80584861 Jagal Shriharas Kesavnur	https://www.google.com/search?q=jagal+shriharas+kesavnur&rlz=C3121C150498953094071
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74-2021 11 38 04	80294452 Vinodha sakshita Kale	https://www.google.com/search?q=vinodha+sakshita+kale&rlz=C3121C150498953094071
74-2021 10 48 38	73729633 Shreshth sudhanshu	https://www.google.com/search?q=shreshth+sudhanshu&rlz=C3121C150498953094071
74-2021 10 30 27	70988632 Sampad Anandhar Patilkar	https://www.google.com/search?q=sampad+anandhar+patilkar&rlz=C3121C150498953094071
74-2021 10 01 26	80223029 Pooja Dhanraj Bhandarkar	https://www.google.com/search?q=pooja+dhanraj+bhandarkar&rlz=C3121C150498953094071
74-2021 17 27 21 882191338	Tanmay Kashyap Vinkar	https://www.google.com/search?q=tanmay+kashyap+vinkar&rlz=C3121C150498953094071
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74-2021 18 32 40	80584864 Aha Shriharas Kesavnur	https://www.google.com/search?q=aha+shriharas+kesavnur&rlz=C3121C150498953094071
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74-2021 17 13 28	84212490 Adya Poojashree Kamra	https://www.google.com/search?q=adya+poojashree+kamra&rlz=C3121C150498953094071
74-2021 17 17 38	80223027 Shriharas Patilkar	https://www.google.com/search?q=shriharas+patilkar&rlz=C3121C150498953094071
74-2021 18 31 53	78178720 Sanjay Ashok Khair	https://www.google.com/search?q=sanjay+ashok+khair&rlz=C3121C150498953094071
74-2021 18 38 50	78178720 Sanjay Ashok Khair	https://www.google.com/search?q=sanjay+ashok+khair&rlz=C3121C150498953094071
74-2021 18 38 50	78178720 Sanjay Ashok Khair	https://www.google.com/search?q=sanjay+ashok+khair&rlz=C3121C150498953094071
74-2021 18 37 27	80584861 Neha Rajendra Patilkar	https://www.google.com/search?q=neha+rajendra+patilkar&rlz=C3121C150498953094071
74-2021 18 37 27	80584861 Neha Rajendra Patilkar	https://www.google.com/search?q=neha+rajendra+patilkar&rlz=C3121C150498953094071
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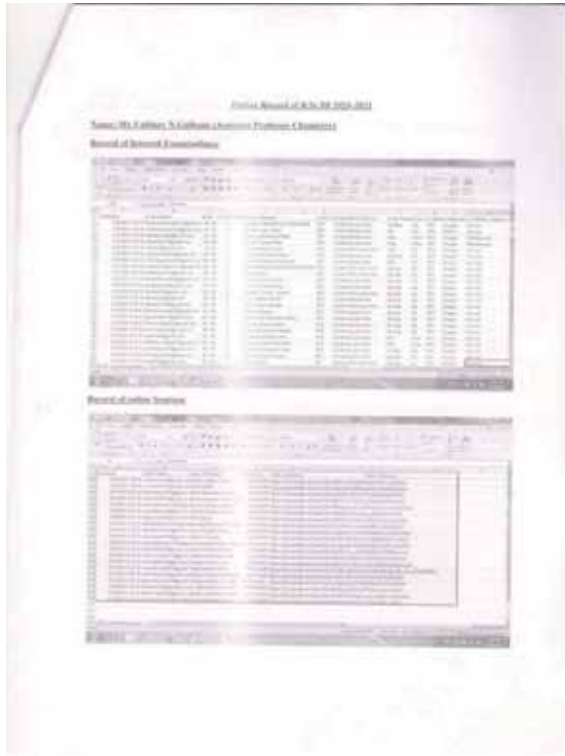
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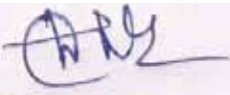
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Student's responses received for internal exam.



  
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## Google Form: Department Of Commerce

**Faculty of Commerce & Management**  
**Google Form Link**

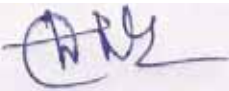
1. B. COM PART-I SEMESTER-I INTERNAL ASSIGNMENT EXAM WINTER - 2020  
SUBJECT - PRINCIPAL OF BUSINESS ORGANISATION - MARKS-20  
[https://docs.google.com/forms/d/1omr4b0h\\_AEz0Xk1S0L1H0h4pXHYz08sU6G21H0f6w0B2oqz/sharing](https://docs.google.com/forms/d/1omr4b0h_AEz0Xk1S0L1H0h4pXHYz08sU6G21H0f6w0B2oqz/sharing)


2. B. Com III Sem VI Internal Assignment Summer 2021  
Subject - Management Accounting - Marks- 20  
[https://docs.google.com/forms/d/113CamUVY0PH2oN\\_V1z0EASNDQqG0me\\_PQ0MYZ13w0dI0up0sharng](https://docs.google.com/forms/d/113CamUVY0PH2oN_V1z0EASNDQqG0me_PQ0MYZ13w0dI0up0sharng)

3. B. Com III Sem VI Internal Assignment Summer 2021  
Subject - Management Accounting - Marks- 20  
[https://docs.google.com/forms/d/1z0q80y0ysF3a0K1y8raM0a0bcEE4228H0f1\\_jm0N00Y0dI0up0sharng](https://docs.google.com/forms/d/1z0q80y0ysF3a0K1y8raM0a0bcEE4228H0f1_jm0N00Y0dI0up0sharng)

4. M.COM II SEMESTER-IV Internal Assignment Summer 2021  
SUBJECT - Entrepreneurship & SBI Development - Marks-20  
[https://docs.google.com/forms/d/1JHNDKX3\\_m11AY0m0f2n2GAPh0rE0A0K0N1pG00Q0MYA0dI0up0sharng](https://docs.google.com/forms/d/1JHNDKX3_m11AY0m0f2n2GAPh0rE0A0K0N1pG00Q0MYA0dI0up0sharng)

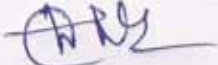
*Prakash*  
HEAD  
Dept. of Commerce  
M.P. Arts, Comm. & S.C. Science  
Warud, Dist. Amr. 44500


  
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## M.Com. II Sem IV Internal Assignment



  
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## B.Com.III Internal Assignment

Copy of B.COM III SEMESTER - VI MANAGEMENT ACCOUNTING(MEDIUM) :- English

Questions Responses Settings

### B. Com.III (Medium :- English)

B. Com III Sem of  
Internal Assignment  
Summer 2021  
Subject - Management Accounting  
Marks - 20

Name of the Students  
Short answer text

Class \*  
Short answer text

Mobile No. \*  
Short answer text

Important Instructions  
1. All questions are compulsory.  
2. Each question carry 2 marks.

Q1. Purpose of Management Accounting is to -

Copy of B.COM III SEMESTER - VI MANAGEMENT ACCOUNTING(MEDIUM) :- English - Single Page

Rs 42,000  
 Rs 42,000  
 Rs 45,000  
 Option 5  
 Add option or Add 'Other'

Required 30

Q9: The cost of material at 80% capacity is Rs. 8,000 and budget is to be prepared at 60%, 90% and 100% of normal capacity. The cost of material at 60% and 90% capacity will be

Rs 9600 and Rs 14,000  
 Rs 14,400 and Rs 19,000  
 Rs 9600 and Rs 15,000  
 None of the above


Q10: 30. While preparing cash budget from Cash Accounting method,

Payments and receipts related to budget period are considered  
 Payments and receipts before budget period are considered  
 Payments and receipts after budget period are considered  
 All of the above  
 Other...

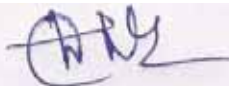
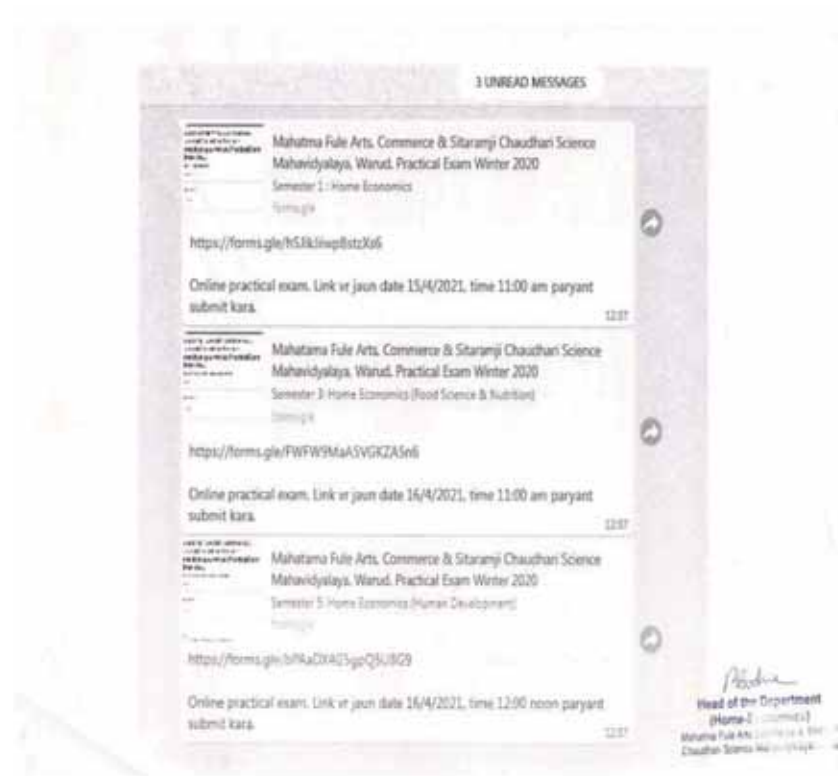
*Prasad*  
PRASAD  
DEPT. OF COMMERCE  
M.P. Arts, Comm. & S.C. Talwar  
College, Warud, Dist. Amravati

*Prasad*


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## Google Form links : Home Economics



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Chaudhari Science Mahavidyalaya,  
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# Participative Learning

## Department of English :A Workshop on Language and Communication skills

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud

### A Workshop on Language and Communication Skills

Organized by

Department of English in Collaboration with IQAC

[From 4/4/2022 to 9/4/2022]

#### Report

The workshop started with the inaugural function on 4/4/22 Monday at the hands of Dr. A. B. Kukade, Head, Dept. of English, Arts and Commerce Collage, Jarud. In his inaugural speech he underlined the importance of the Language and Communication Skills in English. Also he highlighted the course contents of the workshop. In charge Principal Dr. U.E. Chaudhari also spoke on the occasion and gave best wishes for the workshop. The anchoring was done by Ku. Tejaswini Taywade whereas a vote of thanks was proposed by Ku. Nargis Sheikh.

On 5/4/22 Tuesday Dr. P. P. Deshmukh delivered his lecture on Fixed Structures in English language which is the important component of spoken and written English. On 6/4/22 Wednesday S. D. Ohale spoke on Figures of Speech as ornamental devices meant to communicate effectively. On 7/4/22 Thursday Md. Tahir Md. Siddique lectured regarding Composition comprehension useful in day to day use of language. On 8/4/22 Friday Dr. K. K. Mohadikar engaged a lecture on the topic Reading of Poetry. He focused on the basic meaning of poetry. 9/4/22 Saturday was the last day of the workshop and again Dr. K. K. Mohadikar threw light on Reading of Story and Idioms and Phrases. The certificates of completion of the workshop were also distributed to the participants at the hands of Dr. U. E. Chaudhari, In charge Principal. The programme ended with a vote of thanks by Ku. Nargis Sheikh.

*S.D. Ohale*  
Head  
S. D. Ohale

*P.P. Deshmukh*  
Convener  
Dr. P. P. Deshmukh

*K.K. Mohadikar*  
Coordinator  
Dr. K. K. Mohadikar

*U.E. Chaudhari*  
Principal  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya, Warud

Name	Class	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22	9/4/22
Dr. A. B. Kukade	Head						
Dr. P. P. Deshmukh	Convener						
Dr. K. K. Mohadikar	Coordinator						
Dr. U. E. Chaudhari	In charge Principal						
Ku. Nargis Sheikh	Anchor						
Ku. Tejaswini Taywade	Vote of Thanks						

Name	Class	4/4/22	5/4/22	6/4/22	7/4/22	8/4/22	9/4/22
Dr. A. B. Kukade	Head						
Dr. P. P. Deshmukh	Convener						
Dr. K. K. Mohadikar	Coordinator						
Dr. U. E. Chaudhari	In charge Principal						



Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud

A Workshop on Language and Communication Skills

Organized by Department of English in Collaboration with IQAC

[From 4/4/2022 to 9/4/2022]

**Feedback Form**

Name of the Teacher: *Mrs. Inayatullah B. Jeyanara*  
Class: *B.A. II*

(1) Excellent (2) Good (3) Satisfactory (4) Poor

1) Were the objectives of the course clear to you?	(4) 100 (3) 100
2) The course contents were well presented	(4) 100 (3) 100
3) The course programme was well planned	(4) 100 (3) 100
4) Will you recommend this course to your classmates?	(4) 100 (3) 100
5) The Institute name does not need to be mentioned	(4) 100 (3) 100
6) The teaching aids were effectively used	(4) 100 (3) 100
7) The programme provided a combination of instruction and self-help	(4) 100 (3) 100
8) The overall impact of the course	(4) 100 (3) 100

*U.E. Chaudhari*  
Principal's Sign



*U.E. Chaudhari*  
PRINCIPAL,  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati

# Department of Home Economics

Mahatma Fule Arts, Commerce and Sitaramji Chaudhari  
Science Mahavidyalaya, Warud  
Department of Home Economics  
Report  
Home Economics Association Inauguration  
Demonstration of Making Mask and Cotton Bags

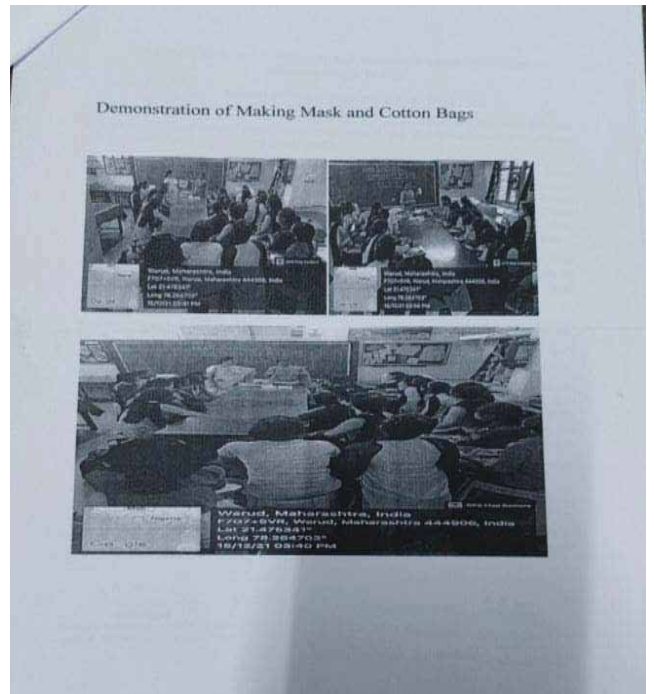
Home Economics Association was inaugurated on 15/12/2021 at the hands of Ku. Jayashri Kale, Department of Home Economics, Arts and Commerce College, Warud. The function was chaired by Principal Dr. J. D. Wadate. All the students of the department attended the programme.

Home Economics association has elected following students for the committee unanimously: From B.A Part - III: President - Ku.S.D. Parise, Vice President - Ku.K.V. Likhitar, Secretary - Ku.N.N. Desoghare, Co. Secretary - Ku.V.M. Deote. From B.A Part -II: Treasurer - Ku.P.D. Ghatole, Member - Ku.B.H. Gohatre. From B.A Part - I: Members - Ku.N.N. Ande, Ku.H.P. Nikam and Ku.S.R. Ganesar.

Ku.Kale Madam has provided information related to the work of Home Economics association to all the members of the committee and congratulated on how to make masks and cotton bags and also cut the pieces of masks and cotton bags and asked the students of the committee to make the masks and bags out of it. Further, she guided them on how to sell these masks and cotton bags.

*[Signature]*  
Principal  
Mahatma Fule Arts, Commerce & Sitaramji  
Chaudhari Science Mahavidyalaya, Warud

*[Signature]*  
Dr. N.A. Bodkhe  
Head of the Department  
(Home-Economics)  
Mahatma Fule Arts, Commerce & Sitaramji  
Chaudhari Science Mahavidyalaya, Warud



*[Signature]*  
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Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati

Mahasiswa Falsafah, Agama, Komunikasi dan Manajemen Chaudhary Science  
 Muhammadiyah, Wiroduh  
 Department of Home Economics  
 Report of Group Discussion

Home Economics Department organized group discussion on 26<sup>th</sup> April 2022. B.A. Part I, II and III students had participated in this discussion and divided into two groups. The subject of group discussion for the group 1 was 'Benefits of Intra and Inter-family'. In the discussion of 'Benefits of Intra and Inter-family', the discussion of 'Benefits of Intra-family' has mentioned that even though the society is Islamic, there is the thinking that the male is the head of the family. After the student fall prey to this idea to the society. The discussion has reached to the conclusion that 'Female Fostering should be stopped and female should take care of this so that to change the mentality of the society and the family.

In the discussion of 'Benefits of Intra and Inter-family', group 2 has agreed that both the families have their own pros and cons. They have also mentioned that the families become nuclear due to the jobs and the businesses. The discussion has reached to the conclusion that the nuclear families has upper hand with respect to the inter families. Students had discussed on both the subjects and it has resulted in the satisfactory discussion. Still, there is a need to change the mentality of the society.

*[Signature]*  
 Praveen  
 Head of the Department  
 Department of Home Economics  
 Chaudhary Science Muhammadiyah Wiroduh

*[Signature]*  
 Dr. N.A. Daulake  
 Head of the Department  
 Department of Home Economics  
 Chaudhary Science Muhammadiyah Wiroduh

Group Discussion



Mahasiswa Falsafah, Agama, Komunikasi dan Manajemen Chaudhary Science  
 Muhammadiyah, Wiroduh  
 Department of Home Economics  
 Report  
 Making Paper Bags

Home Economics department demonstrated on how to make paper bags on 26th April 2022. This demonstration has been delivered by Eka, Nurhidayah Chaudhary as a part of the syllabus. The notes for this demonstration is to provide alternative for carry bags since it is beneficial for the nature. Such paper bags are significant for the shopkeepers and as well as for household purpose. B.A. Part I students attended this program.

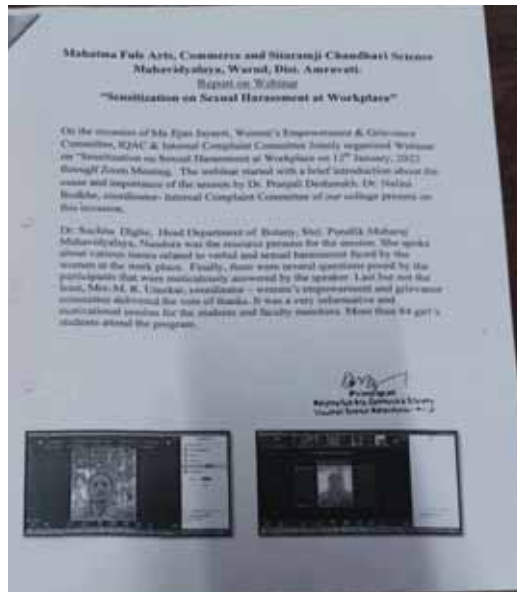
*[Signature]*  
 Praveen  
 Head of the Department  
 Department of Home Economics  
 Chaudhary Science Muhammadiyah Wiroduh

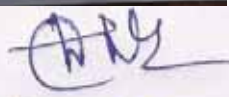
*[Signature]*  
 Dr. N.A. Daulake  
 Head of the Department  
 Department of Home Economics  
 Chaudhary Science Muhammadiyah Wiroduh


Making Paper Bags



# Home Economics :Students participation in Webinar

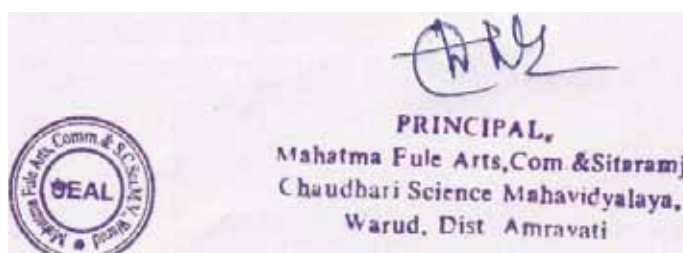
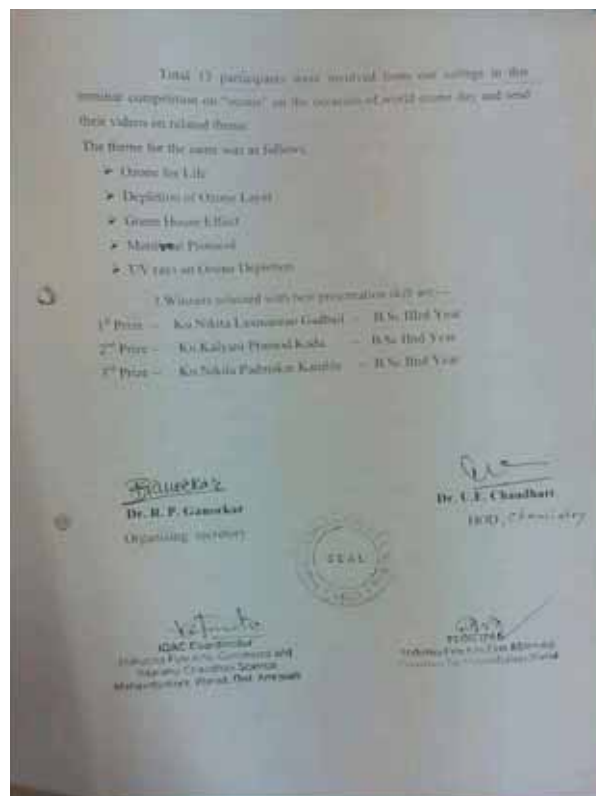
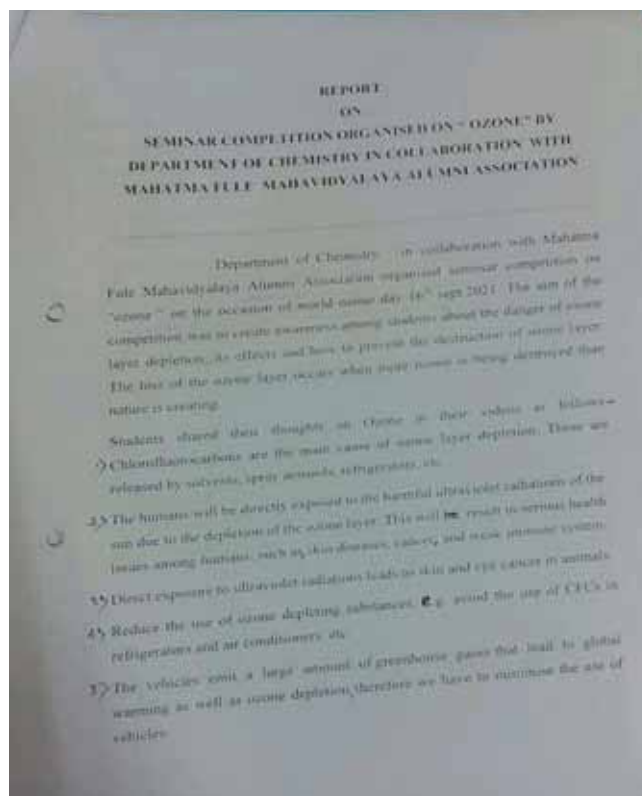


  
**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati

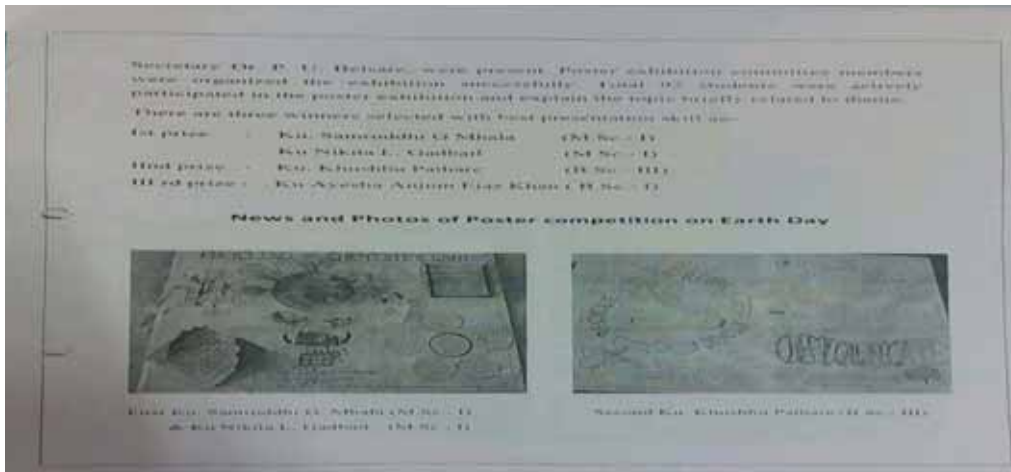
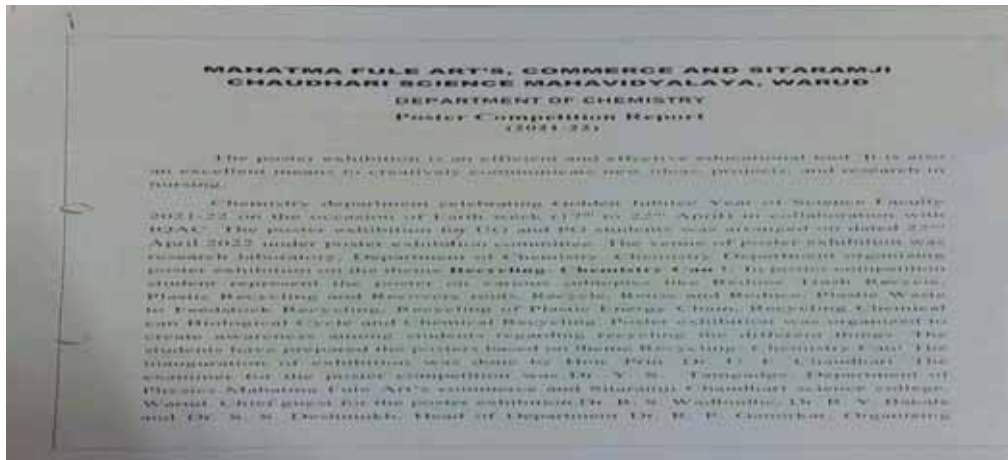


# Department Of Chemistry

Seminar competition on OZON Day:



# Poster Competition on Earth week



  
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Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati





# Chemi Quiz

Dr. R. P. GANSHKAR

**Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science  
Mahavidyalaya, Warud**  
**Department of chemistry**  
**Chemi -Quiz**  
**2021-22**

Department of Chemistry organizes Chemi-Quiz every year for the students of B.Sc.1 year to inculcate scientific temper of Subject Chemistry among the students, to facilitate students with basic subject knowledge.

This year on the occasion of Golden Jubilee Year Celebration of Science Faculty most of the students were participated in this contest. The syllabus for this is on the subject Chemistry basic on 12th. And the questions are the objective type. The Department of Chemistry provides this opportunity to the students through Quiz contest. This year Chemistry Department had Organized Chemi -Quiz on the Occasion of Celebrating Golden Jubilee Year of Science Faculty on 26<sup>th</sup> April 2022 and total 55 of B.Sc.1 year students were participated in the same. This year Chemi-Quiz have been invigilated by Mr. Satish Koleke and Mr. Vaibhav Gulhane.




*Rajesh P. Ganeshkar*  
Coordinator & Head of Department  
Dr. Rajesh P. Ganeshkar

*Satish Koleke*  
Quiz Coordinator  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

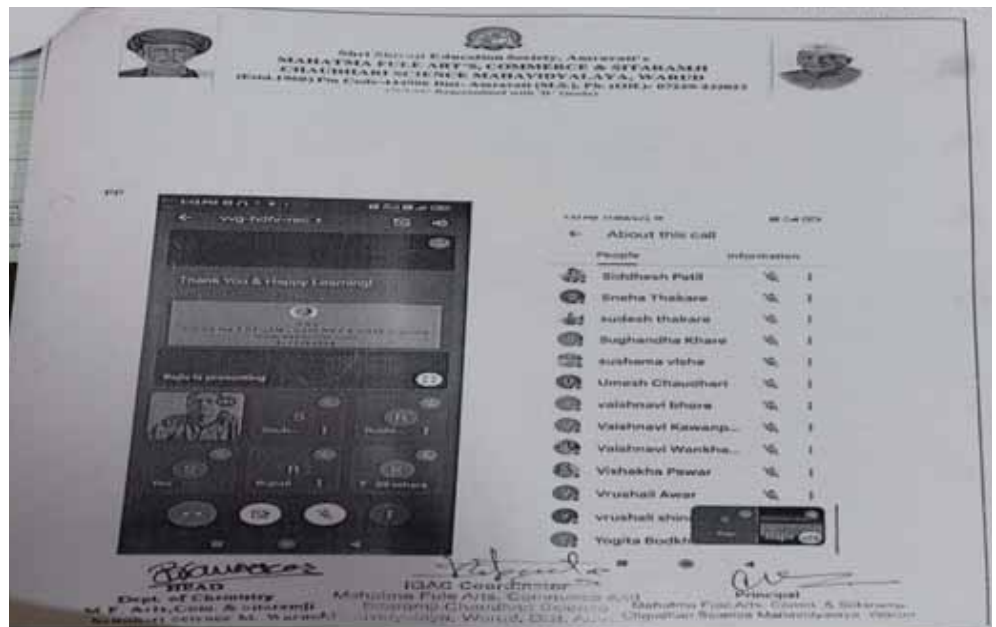
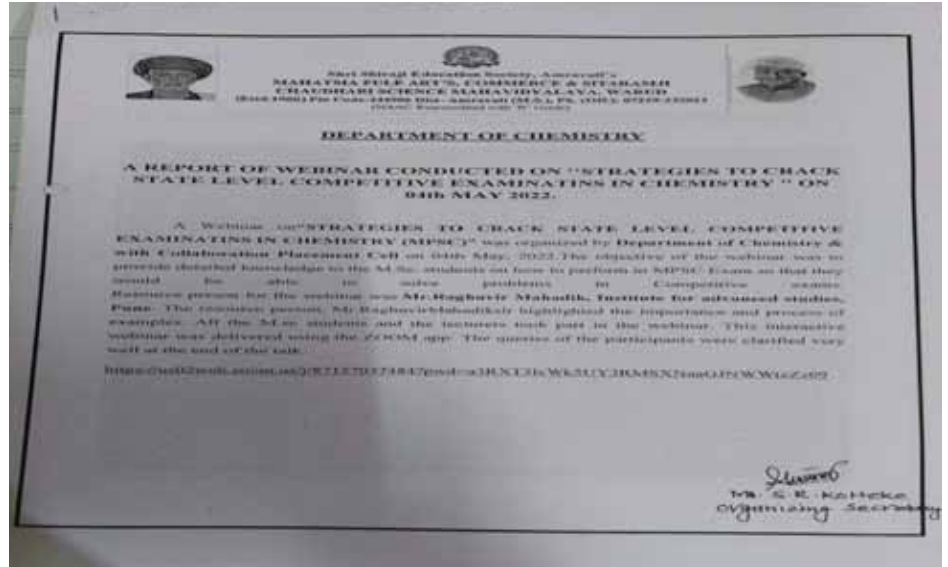
*Vaibhav Gulhane*  
PRINCIPAL  
Mahatma Fule Arts, Com. & Sitaramji  
Chaudhari Sci. Mahavidyalaya, Warud


*ARY*


**PRINCIPAL,**  
**Mahatma Fule Arts, Com & Sitaramji**  
**Chaudhari Science Mahavidyalaya,**  
**Warud, Dist Amravati**






**Guest lectures:**



  
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 Chaudhari Science Mahavidyalaya,  
 Warud, Dist Amravati






Mahatma Education Society, Amravati  
**MAHATMA FULE ART'S, COMMERCE & SITARAMJI**  
**CHAUDHARI SCIENCE MAHAVIDYALAYA, WARUD**  
 (Opp. PUNE) Pin Code-431001 Dist. Amravati (M.S.), Ph. (020) 87224-22001  
 (SMAE) Established in 1970




**DEPARTMENT OF CHEMISTRY**  
**REPORT ON**  
**"Decoding Future Opportunities after Graduation in**  
**Chemical Science"**

Department of Chemistry in collaboration with IQAC organized webinar on the topic "Decoding Future Opportunities after Graduation in Chemical Science" on Friday 25<sup>th</sup> March 2022. Mr. Rajiv Abhyankar, Institute for Advanced Studies, Pune delivered his lecture on CSIR-NET.

Mr. Rajiv Abhyankar explained the exam scheme of CSIR-NET. Mr. Rajiv Abhyankar explained the basic concepts involved in Organic Chemistry and reaction intermediates followed by the problem solving session. Mr. Rajiv Abhyankar engaged the students on reaction intermediates and stereochemistry. The students with their brilliant response and enthusiasm transformed all the sessions into a resonating field without any drop in their energy level. In this webinar total 76 participants were participated via google meet.


<https://meet.google.com/vyg-hdfv-rcv>


Organizing Secretary  
 Ms. S. R. Kothare  


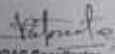




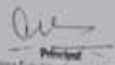
Mahatma Education Society, Amravati  
**MAHATMA FULE ART'S, COMMERCE & SITARAMJI**  
**CHAUDHARI SCIENCE MAHAVIDYALAYA, WARUD**  
 (Opp. PUNE) Pin Code-431001 Dist. Amravati (M.S.), Ph. (020) 87224-22001  
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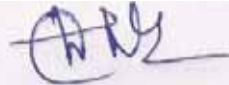
Class	Participants (2022)
Chemistry (1st)	5
Chemistry (2nd)	5
Chemistry (3rd)	5
Chemistry (4th)	5
Chemistry (5th)	5
Chemistry (6th)	5
Chemistry (7th)	5
Chemistry (8th)	5
Chemistry (9th)	5
Chemistry (10th)	5
Chemistry (11th)	5
Chemistry (12th)	5





  
 HEAD  
 Dept. of Chemistry  
 M. F. Arts, Com. & Sitaramji  
 Chaudhari Science Mahavidyalaya, Warud

  
 IQAC Coordinator  
 Mahatma Fule Arts, Commerce and  
 Sitaramji Chaudhari Science  
 Mahavidyalaya, Warud, Dist. Amravati

  
 Principal  
 Mahatma Fule Arts, Com. & Sitaramji  
 Chaudhari Science Mahavidyalaya, Warud


  
**PRINCIPAL,**  
**Mahatma Fule Arts, Com & Sitaramji**  
**Chaudhari Science Mahavidyalaya,**  
**Warud, Dist Amravati**





  
 Mahatma Education Society Amravati's  
**Mahatma Fule Arts, Commerce and Sitaramji Chaudhari  
 Science Mahavidyalaya, Warud, Dist-Amravati,  
 Maharashtra, Pin Code: 444906**  
 ESTD 1960      NAAC 'B' Accredited Grade 'B'      ISO 9001:2015 Certified Institute


**REPORT ON**  
**Guest Lecture on IR Spectroscopy**


Department of Chemistry in collaboration with Mahatma Fule College Alumni Association and IQAC organized guest lecture on the topic **IR Spectroscopy** for U.G. and P.G. Students on Sunday 27<sup>th</sup> March 2022. Mr. Rajendra Ghoshle, Assistant Professor, Department of Chemistry, XPM, Science and Gillani Arts, Commerce college, Ghataoti, Dist-Vasohat delivered his presentation. Total 83 students were participated in this guest lecture via google meet. In his lecture he gives brief information about IR spectroscopy, structural characterization via IR spectroscopy etc.



  
**HEAD**  
 Dept. of Chemistry  
 F.A., P.G. & U.G.  
 Mahatma Fule Arts, Com. & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati.


  
**IQAC Coordinator**  
 Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati.


  
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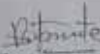
  
 Mahatma Education Society Amravati's  
**Mahatma Fule Arts, Commerce and Sitaramji Chaudhari  
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
**REPORT ON**  
**National Webinar on Metallic Nanomaterials: Green Synthesis and Application**

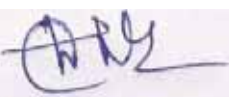
Department of Chemistry in collaboration with IQAC organized National level webinar on the topic **Metallic Nanomaterials: Green synthesis and Application** on Sunday 1<sup>st</sup> April 2022. Dr. Maheshwar Prakash Patil, Research Professor, Pukyong National University, Republic of Korea delivered his lecture on Metallic nanomaterials: Green synthesis and Application in which he gives brief information about synthesis of nanomaterials, reduction of chemical hazards and steps and size of nanomaterials with respect to its applications in various field. In this webinar total 150 participants were participated from Rajasthan, Uttar Pradesh and Maharashtra via google meet.




  
**HEAD**  
 Dept. of Chemistry  
 F.A., P.G. & U.G.  
 Mahatma Fule Arts, Com. & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati.

  
**IQAC Coordinator**  
 Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati.

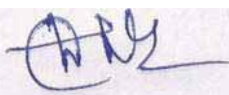
  
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**PRINCIPAL,**  
**Mahatma Fule Arts, Com & Sitaramji  
 Chaudhari Science Mahavidyalaya,  
 Warud, Dist Amravati**



## Department of Political Science :Constitutional Day Activity

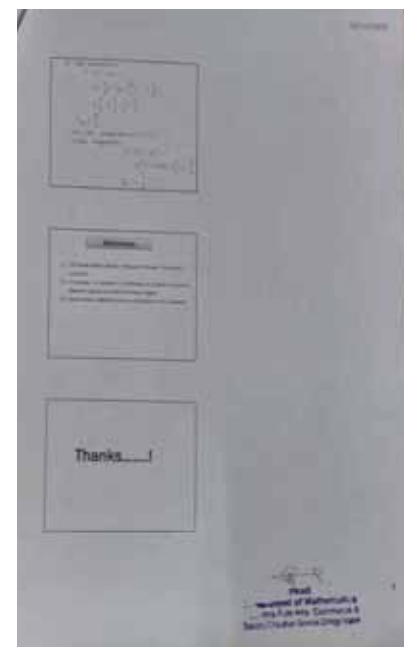
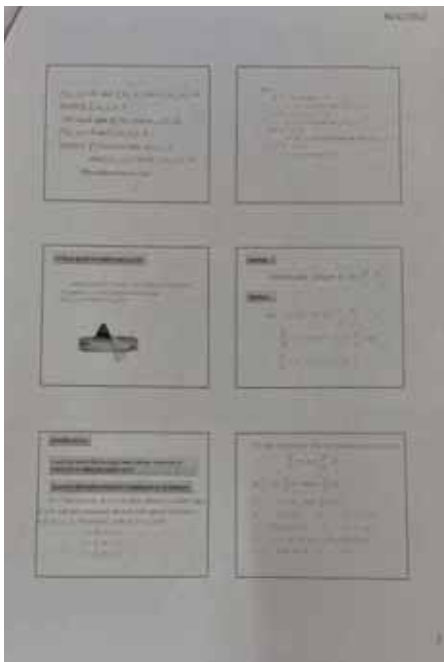
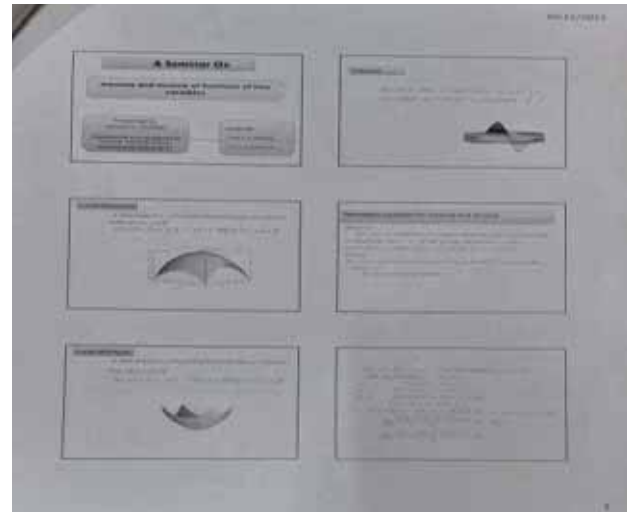


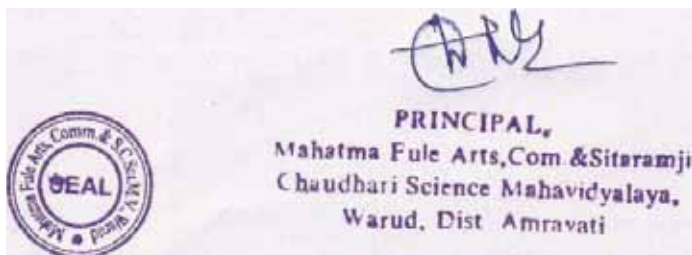
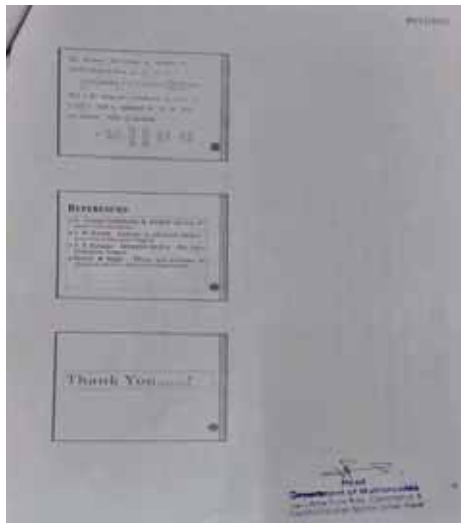
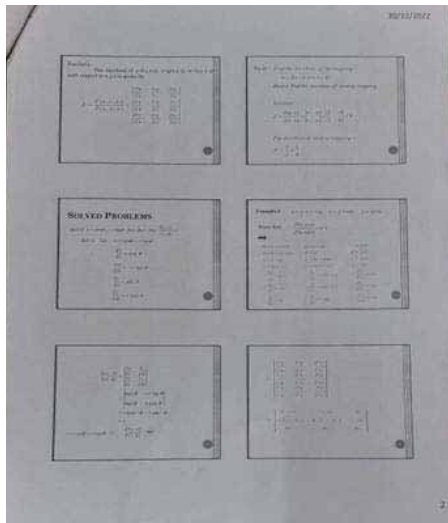
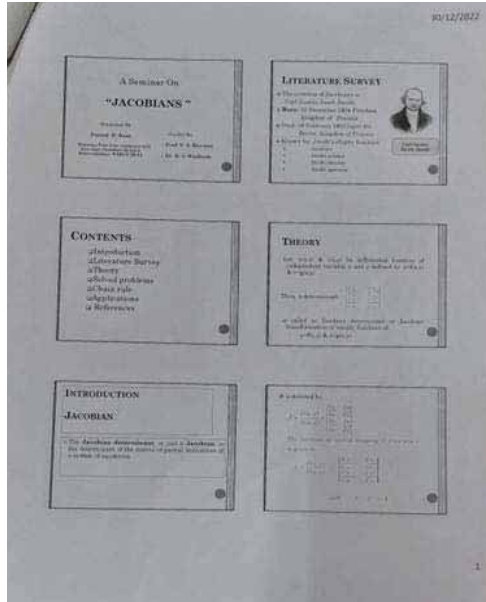
  
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Mahatma Fule Arts, Com. & Sitarajji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati



# Department of Mathematics

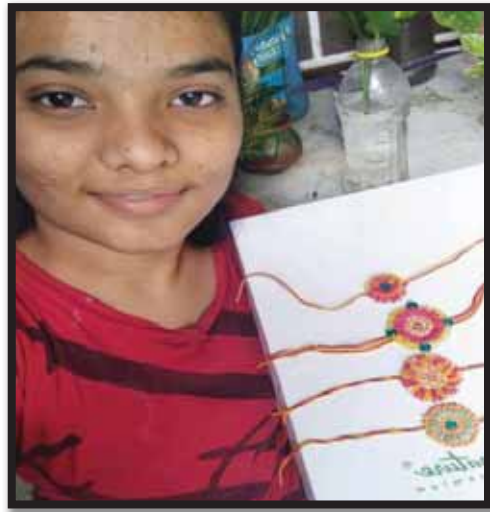
## Students' participation in Seminar competition





**Department Of Botany:**

**Student's Participation In Eco-Friendly Rakhi**



**Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science  
Mahavidhyalya, Warud Dist. Amravati.**

**Department of Botany  
State Level Virtual Eco-Friendly Rakhi Competition  
Session 2021-22**

Every year department of Botany organise Eco-Friendly Rakhi Competition on the Occasion of "Rakhi Purnima". Due to the Covid-19 Pandemic we were celebrated it, as a virtual mode with the help of Zoom Meeting app.

This year State Level Virtual Eco-Friendly Rakhi Competition was organized on 31 July 2020. It is the extension activity of our department. Inauguration, celebration of program & announcement of winners was done on Zoom meeting app. The Inauguration was done by principal of our college Hon'ble Dr. J. D. Wadate & he give the speech to student on the topic Eco-Friendly Rakhi.

Professor & Head of the Department Dr. S.V. Satpute & Teaching Staff viz. Dr. M. B. Bobade, Dr. P. J. Deshmukh, Dr. S. S. Deshmukh; Non Teaching Staff Miss. S. Makeswar and Mr. N. S. Patil support this activity.

Total 34 students are participated & they send Photograph of hand made Rakhi with Selfie. Students prepared Eco-Friendly Rakhi by using waste & Plant Material.

Following Participants got winning Prizes in the Competition.

1. Prapti P. Wankhede –Rajarshree Shahu College, Chandur railway- 1<sup>st</sup> Prize
2. Khushbu K. Pathare - Mahatma Fule College, Warud- 2<sup>nd</sup> Prize
3. Shreya O. Chauhan – Shri. Maturadas Mohta Sci. College, Nagpur- 3<sup>rd</sup> Prize

All the Participants got the E-Certificate of Eco-Friendly Rakhi Competition.

Date:- 3/08/2021

**Dr. Miss.P.J.Deshmukh**  
Convenor

**Dr. S. V. Satpute**  
Professor & Head,  
IQAC Coordinator  
Professor & Head  
Department of Botany  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amrava.

**Dr. U. E. Chaudhari**  
Principal  
Principal  
Mahatma Fule A C & Sitaramji  
Choudhari Science College Warud



**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati

# Eco-Friendly Holi Awareness program & Competition

**Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati.**

**Report on  
'Eco-Friendly Holi Colour Making Workshop'  
(2022-23)**


On 14<sup>th</sup> March, 2022 Department of Botany, in collaboration with Nature Club & IQAC organized 'Eco-Friendly Holi Colour Making Workshop' for the students. This is the regular activity of Botany Department, where in awareness program regarding 'Eco-Friendly Holi Celebration' is organized. The workshop was inaugurated at the hands of Dr. U. E. Chaudhari, Principal, IQAC Coordinator Dr. S.V. Satpute, Professor & Head, gave introductory speech on this occasion & talked about importance of natural colours. Dr. Chaudhari Sir gave his remark regarding negative effect of chemicals on life of human being. Dr. M. B. Bobade, Dr. S. S. Deshmukh also interacted with the students and spoke regarding cultural importance of Holi Festival. Dr. Mrs. N. A. Bodke, Head, Department of Home economics & Mr. V.N. Tehrote, Director of Physical Education were also present for this workshop. Non-Teaching staff members of the Department Miss. Sandipani Makedwar and Mr. N. S. Patil were helpful while organizing this event.


In this event Dr. Pranjali Deshmukh, Asst. Professor in Botany demonstrated the technique of making Natural Colours by using various plant parts like flowers of Palas, Katsava, Hibiscus, Rose, leaves of Spinach, Fruits of Basil, and bark of Arjuna, etc.


The motto of this activity was to create awareness among the students regarding use of natural colors on this day. Mostly, the natural colors are made from plant materials. These colors are safer than chemically prepared ones.

184 students of B. Sc. (Biology) and B. A. (Home-Economics) actively participated in this workshop. Teaching and non-teaching staff members of the college also supported this activity. Dr. P. J. Deshmukh conducted the workshop. Dr. M. B. Bobade proposed vote of thanks.

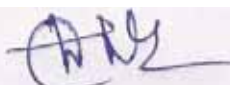
Date - 15/03/2022


  
**Dr. P. J. Deshmukh**  
Program In-charge

  
**Dr. S. V. Satpute**  
Professor & Head,  
IQAC Coordinator  
IQAC Coordinator  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

  
**Dr. U. E. Chaudhari**  
Principal  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science Mahavidyalaya, Warud



  
**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati

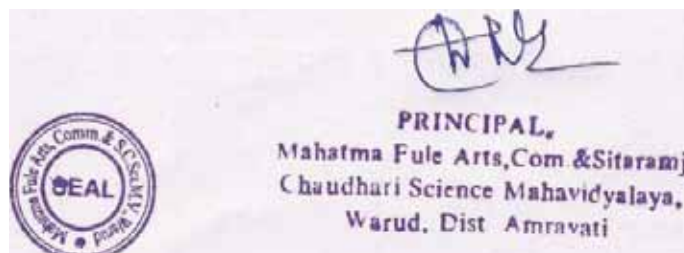
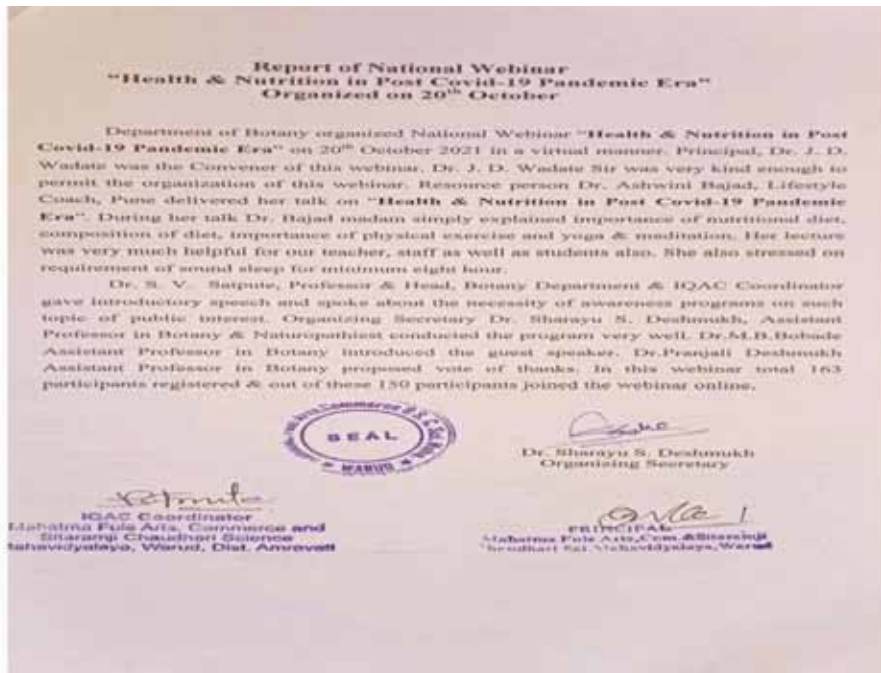




**Online workshop on Mushroom farming for botany student:**



**National Webinar on “Health and Nutrition in post covid-19 Pandemic Era”**

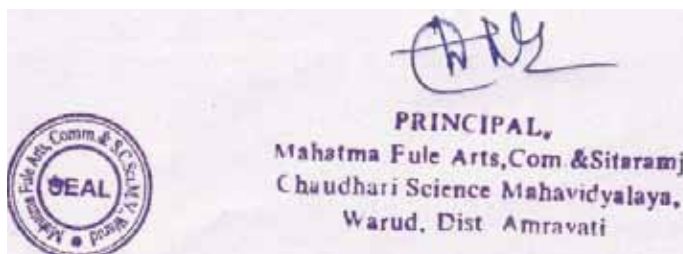
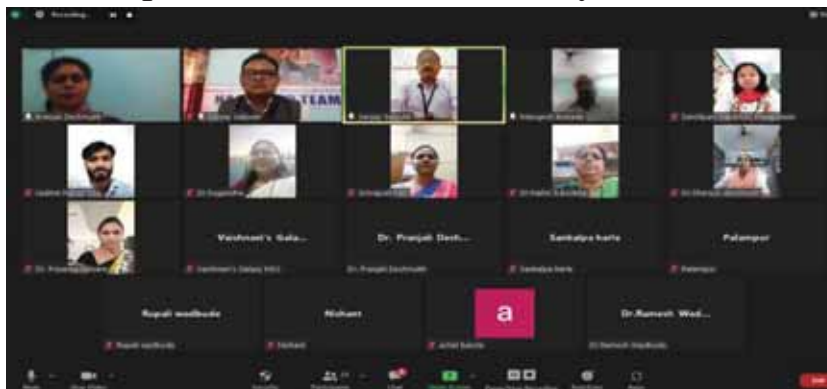


## Wild life week celebration by botany department: plantation of seeds



### Prize Distribution:-1. Medicinal Plant Photography Competition

#### Online prize distribution Ceremony on zoom meeting



Mahatma Fule Arts, Commerce and Sitaramji Chaudhari  
Science Mahavidyalaya, Warud, Dist. Amravati.

Department of Botany

Wildlife Week-2021 Celebration  
Activity Report

Department of Botany, IQAC & Environmental Cell jointly organized Wildlife Week-2021 from 1<sup>st</sup> to 7<sup>th</sup> October 2021. The objective behind the celebration of wildlife week-2021 was to create awareness about wildlife among the students & staff members of the institute. It also helps to educate people about man-wildlife conflict and measures to minimize the conflict etc. Organization of wildlife has shifted mind of human beings from 'Food & Kill' to 'Rescue & Release.'

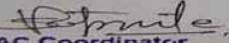
With these objectives in mind, Botany Department decided to celebrate Wildlife Week-2021 by organizing following activities -

- 1) Plantation and Seed Broadcasting** - This activity was organized on 1<sup>st</sup> October. Teaching and Non-teaching staff members of the college including Botany Department participated in this activity. Saplings of Hadjodi (*Cissus quadrangularis*), waghate (*Capparis pallidus*), Mango (*Mangifera indica*) and Date palm (*Phoenix sp.*) were planted in a protected area of Mahendri forest near Pusla village. Seeds of Mango, Awala, Sitaphal, Guaj, Chinch were broadcasted in the same area after plantation.
- 2) Online Medicinal plant photography Competition:-** This competition was organized on 3<sup>rd</sup> October for the college students of CBZ group only. Total 158 students participated in the competition. Three best photographs were selected for cash prizes of Rs. 501/-, 301/-, 201/-. Following students got prizes in this competition.
  1. **Tejswini Pramodrao Wankhade (B.Sc. II<sup>nd</sup> Year)- *Mimosa pudica*- Fabaceae Family (Lajalu)**
  2. **Mangesh Subhashrao Kale (Ex-Student) *Trixis procumbens*- Asteraceae Family (Kamburmodi)**
  3. **Ku. Pratiksha Nandkumar Wankhade(B.Sc. III<sup>rd</sup> Year)- *Catharanthus roseus* - Apocynaceae Family (Sadafuli)**
- 3) Donation of Saplings:** - This activity was organized on 5<sup>th</sup> October to create awareness about plants & plantation. Staff members & Students donated plant saplings to their near and dear peoples.
- 4) Online Wild Vegetable Exhibition:-** This competition was organized on 7<sup>th</sup> October to create awareness about wild vegetable a source of wild nutrition. Total 71 student took part in this event. Cash prizes of Rs. 501/-, 301/- & 201/- were given to the first three winners respectively.
  1. **Ku. Monika Prakashrao Ingle (Ex-Student) Karutle- *Momordica dioica* - Cucurbitaceae Family**
  2. **Ku. Tejal Vijayrao Fuse (B.Sc. IIIyear)- Phandharfala -*Aerva lanata*- Amaranthaceae Family**
  3. **Ku. Achal Sureshrao Bansle (B.Sc. IIYear)- Kunjar -*Digera muricata*- Amaranthaceae Family**

Respected Principal, Dr. J. D. Wadate supported celebration of Wildlife Week-2021 by permitting organization of above mentioned activities with moral support. IQAC Coordinator, Dr. S.V. Satpute, Professor Head, Department of Botany, guided the organizing committee for proper execution of activities. Dr. Pranjali J. Deshmukh, Assistant professor in Botany, worked as Organizing Secretary. While Assistant professor Dr. M.B. Bobade & Dr. Sharyu S. Deshmukh also extended helping hands during wildlife Week- 2021 celebration.



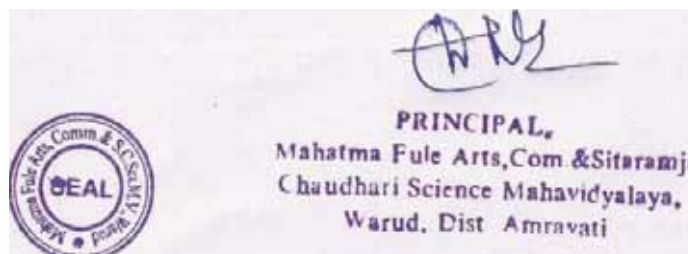
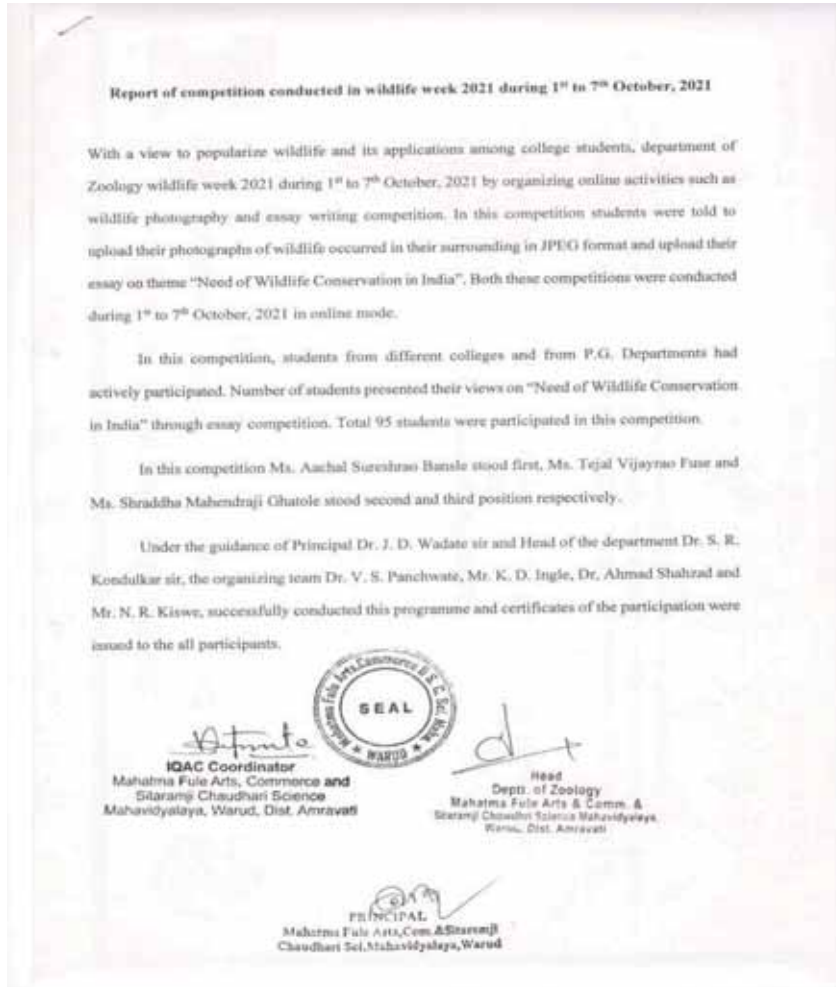
  
Dr. Pranjali Deshmukh  
Coordinator, Environmental Cell

  
IQAC Coordinator  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

  
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Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Sci. Mahavidyalaya, Warud

# Department of Zoology

## Student's participation in Easy writing competition on the occasion of Wildlife Week



Shri Shivaji Education Society, Amravati

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science College, Warud Dist. Amravati

**Department Of Zoology**

**A Report on Poster Exhibition 2022**

**Poster Exhibition** for the academic session 2021-2022 was organized by the Department of Zoology on the occasion of World Wild Life Day 3<sup>rd</sup> March 2022. Senior college students Form B.Sc Part 1<sup>st</sup> 2<sup>nd</sup> & 3<sup>rd</sup> Year Participated in this activity and they actively Prepared and presented the posters on the theme "Wild Life Protection Methods and Importance of Wild Life Protection". Total 12 Students participated and presented 14 posters in this event. Zoological association of students was also inaugurated on this occasion.

The program was inaugurated at the hands of Hon'ble Principal Dr. U.E. Chaudhari accompanied by Dr. Mangesh Bobde, Dr. umendra Sangolkar, Dr, P.P. Dolas and non teaching staff of Zoology Department Mr. Gopal Ajankar, Ravindra Waghmare, D.B. Bhagat . Mr. K.D. Ingle and Mr. N.R. Kiswe were invited as the Judges for the evaluation of best posters. All dignitaries visited the exhibition and encouraged the students for there efforts. Verious staff members also visited the exhibition. Best posters were awarded to following students with prize money of 1500/-, 1000/-, 500/ for rank 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> respectively.

PN.	Name of student	Class	Rank10
09	Lokesh Dahake	B.Sc.I	I
07	Ku. Achal Nikam	B.Sc.III	II
04	Ku. Mayuri Pawar	B.Sc.I	III



**मातृभूमि**

**महात्मा फुले महाविद्यालय प्राणिशास्त्र विभागाद्वारे विश्व वन्यजीव दिवस**

महाराष्ट्र शासनाने 15 मार्च 2022 रोजी 'महात्मा फुले महाविद्यालय प्राणिशास्त्र विभागाद्वारे विश्व वन्यजीव दिवस' साजरा केला. या दिवसाच्या निमित्ताने प्राणिशास्त्र विभागाच्या प्राध्यापकांनी व प्राध्यापिकांनी विद्यार्थ्यांना वन्यजीव संवर्धनाबाबतचे माहिती देण्याचे प्रयत्न केले. यावेळी प्राध्यापकांनी वन्यजीव संवर्धनाबाबतचे माहिती देण्याचे प्रयत्न केले. यावेळी प्राध्यापकांनी वन्यजीव संवर्धनाबाबतचे माहिती देण्याचे प्रयत्न केले.

Date: 15/03/2022  
(Dr. M. K. Kulkarni)  
Coordinator

IQAC Coordinator  
Mahatma Fule Arts, Commerce &  
Sitararnaji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amr.



Dr. M. K. Kulkarni  
Mahatma Fule Arts, Commerce &  
Sitararnaji Chaudhari Science  
Mahavidyalaya  
Warud, Dist. Amr.

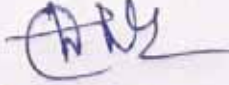



*(Handwritten Signature)*  
**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitararnaji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati



# Guest lecture on world Sparrow day



  
PRINCIPAL,  
Mahatma Fule Arts, Com & Sitaranjji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati



# Bio Genius Quiz Competition on the occasion of Golden Jubilee Year of Science Faculty:

**Mahatma Fule Arts, Commerce and Siteramji Chaudhari Science Mahavidyalaya Warud**  
**Department of Zoology**  
**Bio-Genius Quiz Competition**  
**Hosted 23<sup>rd</sup> March 2022**

Zoology Department organizes Bio-Genius Quiz competition for B.Sc. student on dated 23<sup>rd</sup> March-2022. In this way **Dr. Ahmad Shahad** who is the initiative for this competition working as coordinator. **Mr. K.B. Ingale** and **Mr. N.R. Kivwe** are the organizer committee for this program.

**Late - Abdul Latif** who was the ex-principal of the N.P. Marthi High School and Jc College Chaudhari Bazar were sponsor Abdul Latif Trophy for winner to appreciation student.

**Dr. S.R. Kumbalkar** Head of Department of Zoology were First prize 1111/- to the participant.

Zoology Department were also second prize 555/- and for the Third prize 300/- and medal to the student.

Bio-genius quiz competition we were Chief guest **Dr. Y.S.Tangadga** and President **Dr. E.E. Chaudhari** and Special Guest **Dr. R. Ganorkar** sir, **Dr. V.N. Telavare** and **Dr. S. Satpute**. Where the chief guest **Dr. Y.S. Tangadga** address to student and idea about their development. In this way program president **Principal Dr. U.E. Chaudhari** for also addressing to the student and encourage to student for participation.

Photo:



**Warud, Maharashtra, India**  
**707+6V6, Warud, Maharashtra 444906, India**  
**Lat 21.475471°**  
**Long 78.304580°**  
**23/03/22 12:04 PM**

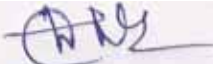
  
 Dr. Ahmad Shahad  
 Head


  
 Department of Zoology  
 Head

  
 IQAC Coordinator  
 Mahatma Fule Arts, Commerce and Siteramji Chaudhari Science Mahavidyalaya Warud, Dist. Amravati

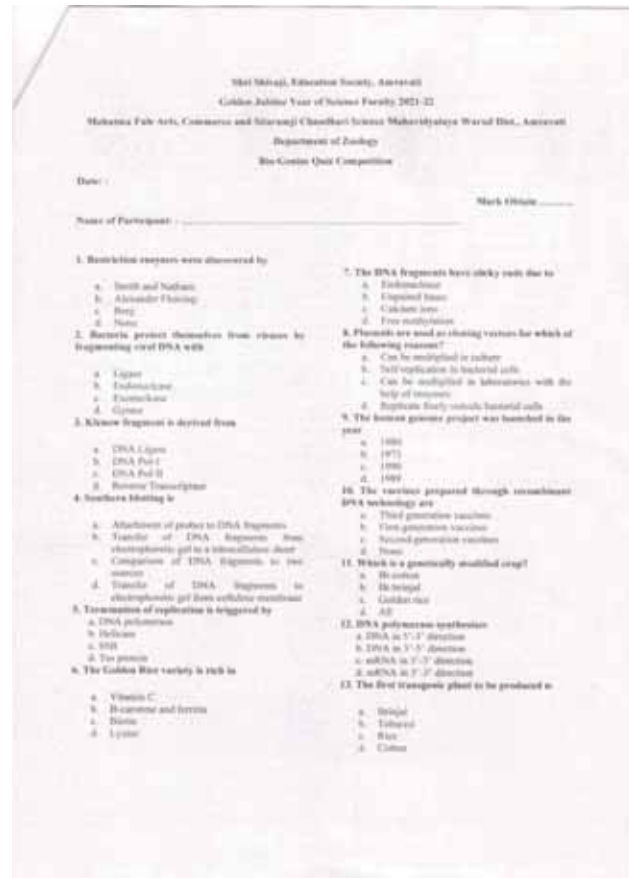
  
 Principal  
 Mahatma Fule Arts, Commerce & Siteramji Chaudhari Science Mahavidyalaya, Warud





  
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**Chaudhari Science Mahavidyalaya,**  
**Warud, Dist Amravati**







  
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Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati



## Department of physics

### Student's participation in Poster Exhibition on the occasion of National Science Day

MFM/Def/21-22/04

Dist. Shri. Education Society, Amravati  
Mahatma Fule Arts, Commerce & Sitararnaji Chaudhari Science College, Warud,  
Dist. Amravati


**Department of Physics**  
**A Report on Poster Exhibition 2022**

**Poster Exhibition** for the academic session 2021-22 was organized by the Department of Physics on the occasion of National Science Day on 28<sup>th</sup> February 2022. Large number of B.Sc. Students participated in this activity and they actively prepared and presented the posters on the theme "Integrated approach in science and technology for a sustainable future". Approximately 115 students participated and presented 56 posters in the event. Physics Module Site was also inaugurated during this occasion.

The Program was inaugurated at the hands of Hon'ble Principal Dr. U. E. Chaudhari accompanied by Dr. V. S. Bhanusa, Mr. R. R. Zote, Dr. G. K. Reddy, etc. Dr. R. P. Gomatkar and Dr. G. K. Reddy were invited as the Judges for the evaluation of best posters. All dignitaries visited the exhibition and encouraged the students for their efforts. Various staff members also visited the exhibition. Best Posters were awarded to following students with Prize money of Rs. 100/-, Rs. 300/- & Rs. 200/- for Rank I, II & III respectively along with certificates.

PS	Topic	SN	Name of Student(s)	Class	Rank
43	Integrated Approach in Science & Technology	1.	Ka. Tarun Byad	B.Sc. II	I
		2.	Ka. Tanvisha Nihal	B.Sc. II	
44	The Tidal Energy	1.	Ka. Shrawati A. Dolkhe	B.Sc. II	II
56	Solar Energy	1.	Ka. Anika S. Gayaki	B.Sc. II	III
		2.	Ka. Sakshi R. Nishar	B.Sc. II	
		3.	Ka. Sumrati F. Katrekar	B.Sc. II	

The Exhibition was followed by the Screening of Movie in the auditorium "The Man Who Knew Infinites" in Hindi to popularize scientific temper among the students.



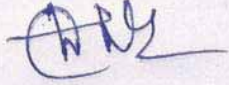

**मातृभूमि**


**पोस्टर प्रदर्शनीमध्ये १२५ विद्यार्थ्यांचा सहभाग**

Date: 08-03-2022

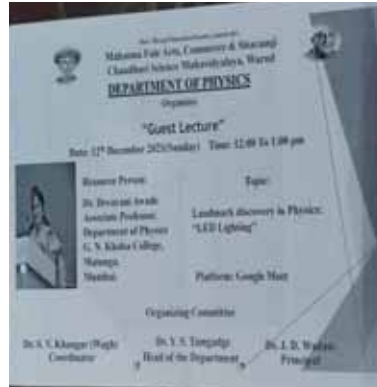
  
 (M. R. Bhatkar)  
 Coordinator

  
 (Dr. Y. S. Tungadhar)  
 Head

  
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 Mahatma Fule Arts, Com. & Sitararnaji  
 Chaudhari Science Mahavidyalaya,  
 Warud, Dist. Amravati



# Guest Lecture



MFM/10p/21-22/c1

Shri. Shivaji Education Society, Amravati's  
 Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science College, Warud,  
 Dist. Amravati  
**Department of Physics**  
**A Report on Online Guest lecture (2021-2022)**

Online Guest Lecture on "Landmark Discovery in physics: LED Lighting" of **Dr. Mrs. Devyani Awade, Associate Professor, Department of Physics, Khalsa College, Matunga, Mumbai**, was organized by the Department of Physics on 12<sup>th</sup> December 2021 Sunday at 12:00 pm for B. Sc. Physics students. Students of B.Sc. Sem I, Sem III and SEM V have actively participated and interacted with guest speaker during the session. Approximately 100 students, HOD and whole departmental staff were present on the Google Meet platform for attending the lecture. This lecture has been recorded by "screen recorder-vmaker".

The program was coordinated by Dr. Sugandha V. Khangar (Wagh).

Some glimpses of guest lecture are mentioned in the report.

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud  
**DEPARTMENT OF PHYSICS**  
 Organizes  
**"Guest Lecture"**  
 Date: 12<sup>th</sup> December 2021 (Sunday) Time: 12:00 To 1:00 pm  
 Resource Person: **Dr. Devyani Awade**  
 Associate Professor,  
 Department of Physics  
 U. N. Khalsa College,  
 Matunga,  
 Mumbai.  
 Topic: **Landmark discovery in Physics: "LED Lighting"**  
 Platform: Google Meet  
 Organizing Committee:  
 Dr. S. V. Khangar (Wagh) Co-ordinator, Dr. Y. S. Tamgadge Head of the Department, Dr. J. D. Wadite Principal

Date: 13-12-2021

*S. V. Khangar*  
 Dr. S. V. Khangar (Wagh)  
 (Co-ordinator)

*S. V. Satpute*  
 (Dr. S. V. Satpute)  
**IQAC Coordinator**  
 Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati

*Y. S. Tamgadge*  
 15/12/21  
 Dr. Y. S. Tamgadge  
 (Head of the Department)

*J. D. Wadite*  
 (Dr. J. D. Wadite)  
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 Mahatma Fule Arts, Com & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati

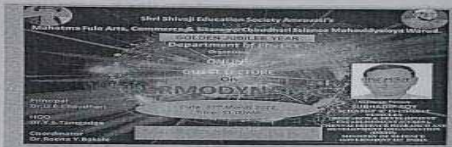
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**Department of Physics**


**A Report on Online Guest Lecture (2021-2022)**

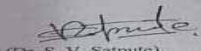
Online Guest Lecture on "Thermodynamics" of Subhadip Roy, Scientist 'E' in Combat Vehicles Research & Development Establishment (CVRDE) Chennai, Defence Research and Development Organisation-DRDO, Ministry of Defence, Government of India was organized by the Department of Physics on 27<sup>th</sup> March 2022 Sunday at 11:00 am. Students of B.Sc. Sem II, Sem IV, and Sem VI have actively participated and interacted with guest speakers during the session. 137 students have registered for guest lecture out of which 76 students attended online guest lecture. Feedback forms were also collected online from the students after successful completion of the lecture. HOD and whole departmental staff were present on the Zoom platform for attending the lecture. This lecture has been recorded. The program was coordinated by Dr. Reena Bakale.


Some glimpses of the guest lecture are mentioned in the report.




Date: 29-03-2022

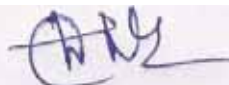
  
Dr. Reena Y. Bakale  
(Co-ordinator)

  
(Dr. S. V. Satpute)  
IQAC Coordinator  
Mahatma Fule Arts, Commerce and  
Sitararnji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

  
Dr. Y. S. Tamgadge  
(Head of the Department)  
Dept. of Physics  
Mahatma Fule Arts, Com & Sitararnji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati

  
(Dr. U. E. Chaudhari)  
Mahatma Fule Arts, Com & Sitararnji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati



  
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Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati

# “Brain digger: a Physics Quiz Board”:

Mahatma Fule Arts, Commerce & Sitararnji Chaudhari Science College, Ward, Dist. Amravati

**Department of Physics**  
**A Report on**  
**“BRAIN DIGGER”**  
**(A Physics Quiz Board-2021-2022)**

For the academic session 2021-22, the department has organized “BRAIN DIGGER” (Physics Quiz Board) as a Best Practice. This innovative Best Practice was implemented on the occasion of National Science Day 2021. It was inaugurated at the hands of Hon’ble Principal Dr. J. D. Wadale on 27<sup>th</sup> February 2021 at 12:00 noon.


For the session 2021-22, four quiz were put on the Physics Quiz Board and one quiz remained unsolved. The details of the quiz and students participation are as follows:

**Quiz 1: The first quiz was sponsored by Dr. S.V.Khangar.**

The time period given to solve this quiz was one month which was extended for another month. Many students participated in this quiz board activity. Following are the names of students who participated in quiz 1.

- 1) Tina Morebwar Gulkar BSc I sem II
- 2) Khuskub Kishor Pathe, BSc II Sem II
- 3) An. Namdeo Kumbhare BSc III SEM VI
- 4) Alfiya A. Sayyed BSc II sem IV
- 5) Rushali Maliye BSc III sem VI
- 6) Ganav Satav BSc III Sem VI
- 7) Nakul Nimje BSc III Sem VI

Among these students, the most relevant answer was given by Miss. Rushali Maliye BSc III Sem V. Miss. Rushali Maliye BSc III Sem V was invited and felicitated on winning the prize of quiz 1 of the Physics Quiz Board. The prize has been given by the sponsored Volunteer Teacher Dr. S. V. Khangar.



Ward, J. Mahavardhini, India  
9722601000, Mahavardhini 444000, India  
01-4263441  
Lang: 98-2844706  
WhatsApp: 9722601000


**Quiz 2: The 2<sup>nd</sup> quiz was sponsored by our Volunteer Teacher Miss. A. B. Patil.**

The time period given to solve this quiz was one month which was again extended for another month. Many students participated in this quiz board activity. Following are the names of students who participated in quiz 2.

- 1) Mr. D.A. Tidke, Lab. Attendant, Dept. of Physics
- 2) Arifa Manzar Khan, BSc II Sem III
- 3) Alfiya Sayyed, BSc III Sem V
- 4) Sharvari Gawande, BSc III Sem V
- 5) Sharadha Anilras Anle BSc I Sem II
- 6) Nakul Nimje BSc III Sem VI

Among these students, the most relevant answer was given by Sharvari Gawande, BSc III Sem V

Sharvari Gawande, BSc III Sem V was felicitated on winning the prize of quiz 2 of the Physics Quiz Board. The prize was given by the sponsored Volunteer Teacher Miss. A. B. Patil.

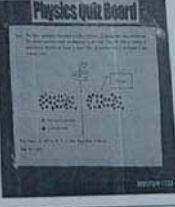


**Quiz 3: The 3<sup>rd</sup> quiz was sponsored by Lab. Attendant Mr. D. A. Tidke.**

The time period given to solve this quiz was one month which was again extended for another month. Many students participated in this quiz board activity. Following are the names of students who participated in quiz 3.

- 1) Sharvari Gawande, BSc III Sem V
- 2) Alfiya Sayyed, BSc III Sem V
- 3) Nisha G. Nagmode III Sem V
- 4) Tina Morebwar Gulkar BSc I sem II

All the above students failed to give the correct answer to the above quiz 3. So, the department of Physics decided that quiz 3 is replaced by a new quiz and again the quiz was sponsored by Lab. Attendant Mr. D. A. Tidke.




**Quiz 4: The quiz was sponsored by Lab. Attendant Mr. D. A. Tidke.**

The time period given to solve this quiz was one month which was again extended for another month. Many students participated in this quiz board activity. Following are the names of students who participated in the quiz.

- 1) Sharvari Gawande, BSc III Sem V
- 2) Alfiya Sayyed, BSc III Sem V
- 3) Nisha G. Nagmode III Sem V
- 4) Tina Morebwar Gulkar BSc I sem II
- 5) Nakul Nimje BSc III Sem VI

Among these students, the most relevant answer was given by Alfiya Sayyed, BSc III Sem V

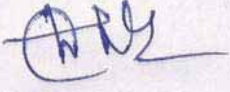
Alfiya Sayyed, BSc III Sem V was felicitated on winning the prize of quiz 4 of the Physics Quiz Board. The prize was given by the sponsored Volunteer Lab. Attendant Mr. D. A. Tidke.



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9722601000, Mahavardhini 444000, India  
01-4263441  
Lang: 98-2844706  
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Dr. S. V. Khangar  
Dr. V. S. Laxkar  
Dr. H. R. Chaudhari

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Chaudhari Science Mahavidyalaya,  
Ward, Dist Amravati



# Department of Electronics

Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud  
Department of Electronics  
**Project competition Report (2021-22)**

Department of Electronics organized Project competition on 8<sup>th</sup> March 2022 on the occasion of Women's Day. Total 40 participants from under graduate level were participated in the exhibition. They developed Electronics projects by using electronic components, ICs and electronic games. All projects were working projects. Projects were assembled by group of four students. After demonstration of projects in front of examiner and discussing with participants, three best projects were selected by examiner. Participants of best three projects selected by examiner were awarded by each prizes and certificate. Prof. Anuragaji Patil and Prof. Bhanubhanu Dandekar were examiner for the project.

Project competition was inaugurated at the hands of Dr U.E. Chaudhari principal of Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud. Dr S.V. Sapatre NAAC coordinator was chief guest for the competition. Dr G.K. Reddy was coordinator of competition. Prof. B.R. Jotang secretary of competition and Prof. E.V. Pawar head of department were chair the function. Mr. Nareshkumar Talhe and office bearers of Electronics association were work hard for success of the competition.

**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati

**IQAC Coordinator**  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

**HEAD**  
Dept. of Electronics  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati

Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud  
Department of Electronics  
**Project Competition 8 March 2022**

S.No	Name of student	Name of Project	Signature
1	Miss Pooja M. Dhok	Automatic sensor machine	[Signature]
	Miss Pratik G. Dhok		[Signature]
	Miss Arpita R. Patil		[Signature]
2	Miss Aditiya P. Amrut	Music detector	[Signature]
	Miss Prerona G. Dhadke		[Signature]
	Miss Samiksha P. Bhatnagar		[Signature]
3	Miss Prerona G. Patil	L.A.S.R alarm security system	[Signature]
	Miss Aradhya J. Harje		[Signature]
	Miss Anika D. Bhatnagar		[Signature]
4	Miss Jayashri V. Marikawade	Major Blind Stick	[Signature]
	Ms. Pooja S. Rane		[Signature]
	Miss Vidya P. Mangarwarde		[Signature]
5	Miss Prerona R. Sawant	Fire energy generator	[Signature]
	Miss Urvashi K. Sawant		[Signature]
	Miss Anjali A. Dhadke		[Signature]
6	Miss Anuragaji P. Bhatnagar	Smart Dhabhi	[Signature]
	Miss Vidya P. Dhadke		[Signature]
	Miss Chandana M.K. Joshi		[Signature]
7	Miss Anjali A. Shete	100 rating device	[Signature]
	Miss Shweta N. Jadhav		[Signature]
	Miss Prerona R. Patil		[Signature]
8	Mr. Harshada N. Mahale	Home lock project	[Signature]
	Ms. Aradhya K. Rane		[Signature]
	Ms. Lakshmi G. Jagtap		[Signature]
9	Miss Sonali G. Dhadke	Automatic smart light	[Signature]
	Ms. Aradhya K. Rane		[Signature]
	Ms. Prerona R. Patil		[Signature]
10	Miss Anuragaji P. Bhatnagar	Auto Changer device	[Signature]
	Miss Indira Mayana Sheth A.M		[Signature]
	Miss Hira Jadhav Ab. Khalid		[Signature]
	Miss Pratiksha M. Alangur		[Signature]

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Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati

**IQAC Coordinator**  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

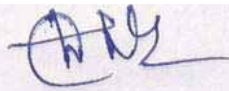
**HEAD**  
Dept. of Electronics  
Mahatma Fule Arts, Com & Sitaramji  
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Warud, Dist. Amravati


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Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati

Department of computer Science

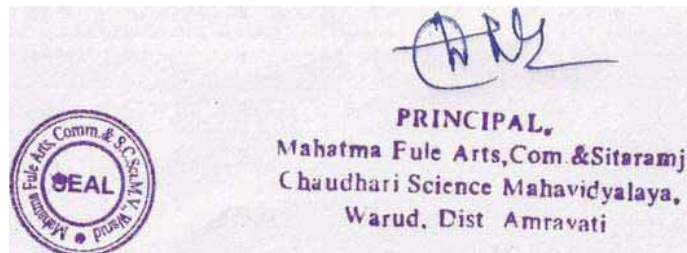
State Level online PPT seminar competition



  
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# Participation in World Education Day Fair2022 organized by intershala Training





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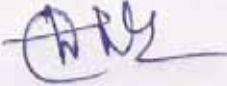
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Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati




# Cultural Activity

## Jayanti Utsav-2021-22


**Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati.**

**Dr. Panjabrao alias Bhauraoji Deshmukh's 127<sup>th</sup> Birth Anniversary Celebration, Annual Social Gathering and Publication of Academic Calendar Report (2021-22)**


The inauguration was held on 24/12/21 at 9:00 am. Principal Dr. J.D. Waite welcomed the guests by offering flowers and made introductory speech. Late Dr. Hanumantrao Deshmukh, President, Maharashtra Education Society, Mumbai presented the function whereas Hon'ble Shri. (Sd/-) Dr. Smt. (Sd/-) Education Society, Amravati inaugurated annual social gathering. Hon'ble Justice (Sd/-) Member, College Development Committee was also present as special invitee. The publication of academic calendar was also done at the hands of the guests. Hon'ble Shri. Deshmukh delivered a speech on "The Life and Works of Dr. Panjabrao Deshmukh".




At 12:00 noon, the distribution of various competitions, the English, Pictorial arrangement, Poetic Theme Distribution was done at the hands of Principal Dr. J.D. Waite. All students participated in them. At 1:30 pm Intra School Competition (P. College) was held. 20 students participated in it. At 2:00 pm Inter School Competition was held having 10 participants. At 3:00 pm Intra School Competition Dr. College was held. 24 students participated in it.



The 25/12/21 various Game & Sports Competitions were held in the morning. Debate Competition was also held and 12 students participated in it. At 11:30 am, under the title of Late Principal P. L. Chaudhari Memorial Lecture the speech of Dr. Anand Mahad, Principal, Kalyani Mahavidyalaya, Amravati was organized. He talked about "Ganga Yatra Deshmukh", inspirational speech for students to take the life to success. The program was presided over by Principal Dr. J.D. Waite. In all 200 students along with renowned parents and the staff were present.




At 1:40 pm inspirational speech by Dr. Mahadeo Samant, Rajapur was "My 42nd Birth Anniversary". The function was presided over by Dr. J. V. Chaudhari. 120 students attended the program. At 3:00 pm Intra School Competition was organized and 22 students participated in it.




26/12/21 various Game & Sports Competitions and Debate Competition were held in the morning. At 11:30 Under the title of Late Sitaramji Chaudhari Memorial Lecture the speech of Smt. Leela Thakare, Headmaster, Parise Vidyalaya, Warud was organized. He talked about "Shriyaji Samaj Vyavastha ya Shiksha". The program was presided over by Principal Dr. J.D. Waite. 200 students along with the staff members and the staff were present. Prof. T.V. Warbekar and Smt. Trivenita Warbekar were also present as special invitees.

At 2:30 pm Prize Distribution Ceremony was organized. Students having outstanding academic performance were felicitated and given Cash prizes at hands of Principal Dr. J.D. Waite. Majority of the students and staff were present on occasion.



On 27/12/21, the statue of Dr. Panjabrao alias Bhauraoji Deshmukh was garlanded by Principal Dr. J.D. Waite. Some of the staff members delivered the speeches on "The Life and Contributions of Dr. Panjabrao Deshmukh". They also visited to follow the footprints of Dr. Panjabrao Deshmukh to uplift the society and the individuals. The programme ended with National Anthem.



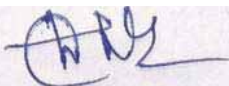
Annual Social is also organized to strengthen the spirit of entrepreneurship among the students. 10 students set up the stall of food and other items.

**Dr. Panjabrao alias Bhauraoji Deshmukh's 127<sup>th</sup> Birth Anniversary Celebration Committee**


Dr. S.R. Kumbhar  
 Prof. Shant Yashwantrao Warbekar  
 Dr. Rima Ramesh  
 Dr. Praveen Deshmukh

Dr. J.D. Waite  
 PRINCIPAL  
 Mahatma Fule Arts, Com. & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amravati





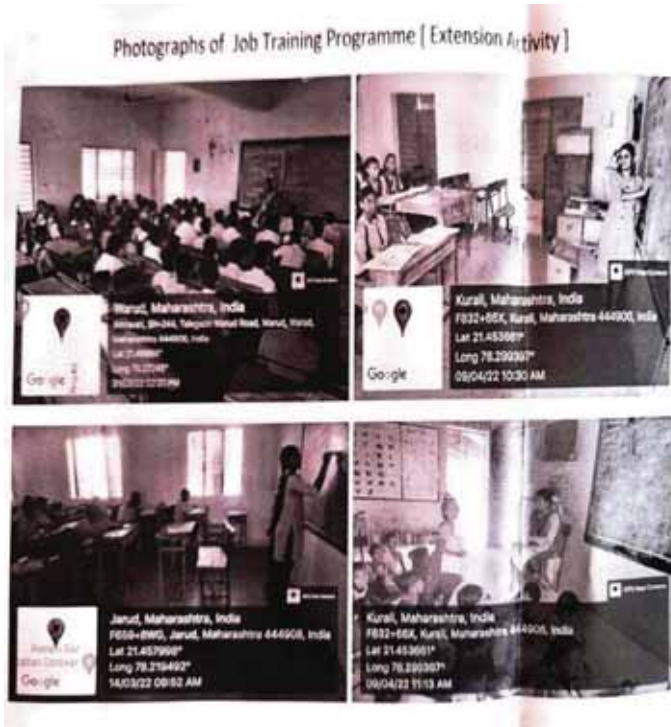
**PRINCIPAL,**  
**Mahatma Fule Arts, Com. & Sitaramji**  
**Chaudhari Science Mahavidyalaya,**  
**Warud, Dist Amravati**



# Experiential Learning

## Department of English

### Job Training Program for Advance learners:

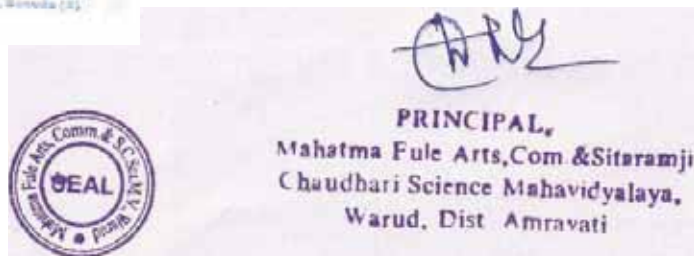


**Certificate**

This is to certify that **Ku. Pooja Diliprao Khode**, a student of M.A. II (English) engaged 6 periods and undertaken lessons of skills in English grammar to the benefit of high school classes.

I wish her bright and successful career.

*Dr. Baburao*  
**मुख्याधिकारी**  
 स. माहि. विद्यालयी वॉरी जगृत विद्यालय  
 वरुद, जि. अमरावती ४४४ ९०६



# Department of Home-Economics:

## Workshop on Value Education Workshop

Mahatma Pule Arts, Commerce and Shiksha Chhatra Science  
Mahavidyalaya, Warud

**Report of Value Base Education Workshop**

Value Base education workshop has been organized with the co-  
sisting of Economics, Home Economics and IQAC departments of the college  
from 28th March 2022 to 1st April 2022.

During this event, various speakers guided students about value base  
education. On the first day, 28th March, Head of the Home Economics  
Department of Dr. Shyamprasad Mahapatra Arts College, Shantakrupa Ghos,   
Professor Laxhini Gaurav, guided on the topic of 'Sri Argyache Vartan'. She  
had conveyed that female and kids should pay attention to the health and diet,  
otherwise they might fall for the dengue disease and diet is the only remedy.

On 29th March, Head of the Philosophy Department of Mahatma Pule  
Mahavidyalaya, Dr. Sunil Kalmogh sir has guided with students on the topic of  
'Manu: sativadya va satvadyat'. While discussing on this topic, he also  
mentioned the significance of value base education.

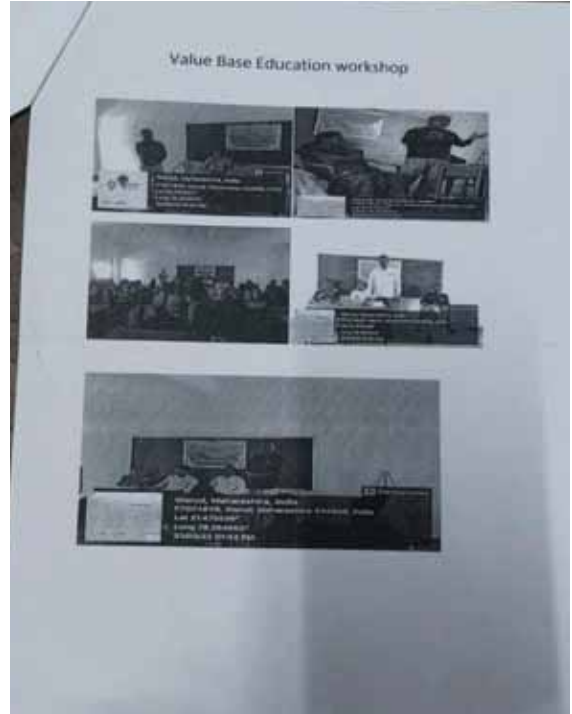
On 30th March, Professor Shantikant Kale of Arts and Commerce  
College, Jalod, has guided on the topic of 'Sant Tukaram va satya taran'. He  
further mentioned that Sant Tukaram's philosophy is inspirational for the today's  
youth and moral values can be understood from his Abhanga.

On 31st March, Prof. Chintabai Kadam of Mahatma Pule  
Mahavidyalaya has guided on the topic of 'Yashwantrao Chavan'. He also  
mentioned that alongside with the science invention, today's youth should look  
forward to the great person like Swami Vivekananda and should follow the  
values considering the situation.

In the second session of the day, Dr. P.P. Deshmukh sir had discussed  
about 'Anjcha yuvak va adhyatmik anyas'.

On 1st of April, Dr. P.R. Pundarik Sir has guided on the topic of  
'Mahatma Gandhike granth arthashastra'. Esteem's President Principal Dr. U.J.  
Chaudhary, coordinator Dr. U.B. Sanglikar, Dr. N.A. Boddike, Dr. Sanjay  
Sapure, Priji Kumbhare, Prof. Chaya Bulekat, Kunal Chare, Prof. Parvati  
Tare and Prof. Gajanan Gorle were present.

Principal  
Dr. Sanjay Sapure  
Dr. N.A. Boddike  
Dr. U.B. Sanglikar



MAHATMA PULE, ARTS, COMMERCE AND SHIKSHA CHHATRA SCIENCE  
MAHAVIDYALAYA, WARUD, DIST. AHMEDNATH

**Home Economics**  
**Report on Bridge Course for B. A. I Students**  
**(2021-2022)**

The Home Economics Department offered a six days Bridge Course for B. A. I year  
students between 20-10-2021 to 30-10-2021 from 2:00 PM to 5:00 PM.

The main agenda of this program is to enrich the students to learn basic concepts in the  
subject of Home Economics Dr. Mrs. N. A. Boddike, Head of the department delivered the  
welcome address and highlighted the program objectives.

The first day session was followed by Dr. Mrs. N. A. Boddike, she explained in detail about  
importance of Home Economics in home life & introduction of Home Economics.

The second day session explained in detail about the Process of Home Management,  
Classification of Culture, Different Type of Element Arrangement.

The third day session discussed in detail about Introduction of Food & Nutrition,  
Definition - Food, Nutrition, Nutrition, Malnutrition, Fat and Carbohydrates, Protein,  
Vitamins, Minerals-Deficiency, Functions, Daily requirement, Balanced Diet - Meaning &  
Importance, Factors affecting on Balanced Diet.

The fourth day session discussed in detail about Meaning, Definition and Importance of  
Human Development, Stages of Personal Development, Male and Female Reproduction  
System.

The fifth day session explained in detail about Heredity - Meaning & Laws, Role of  
Heredity in Development of child, Physical Changes in Adolescence.

All the sessions were interesting, informative and interactive. Students also participated  
enthusiastically and clarified their doubts related to subject. Nearly 25 students participated.

Principal  
Head of the Department  
Dr. N.A. Boddike



Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science  
Mahavidyalaya, Warud

Department of Home Economics

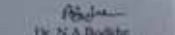
Report

Demonstration of Cake

Home Economics department demonstrated on how to make cake on 9th May 2022. The motto behind this demonstration is to teach students about how to make cake and to do business out of it. Dr. Resma Bhalke teacher has delivered the demonstration and also provided information of recipe for the cake. Due to summer days, she made the mango cake and also stated that the cake can be made from the cooker as well and oven is not mandatory for the making of cake. The cake has been made of half kg of Maida which also includes baking powder, mango pulp, cashew nuts and gems. Home Economics students were present for this program.

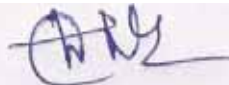
  
Principal

Mahatma Fule Arts, Commerce & Science  
Chaudhari Science Mahavidyalaya Warud

  
Dr. N.A. Bhalke  
Head of the Department  
(Home Economics)  
Mahatma Fule Arts, Commerce & Science  
Chaudhari Science Mahavidyalaya Warud

### Demonstration of Cake



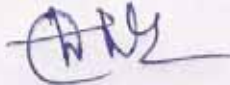



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Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati

**Department Of Political Science**

**Democracy week celebrated in Dhanodivillage.**



  
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Chaudhari Science Mahavidyalaya,  
Warud, Dist Amravati



# Department of Chemistry: GAT-2022

Dr. R. P. Ganorkar

## General Aptitude Test (GAT -2022)

Aptitude test conducted by department which is based on admission to the various post graduate programs in the premier institutes like IITs, NCL, IISERs, NISERs, etc. With a view to provide an acquaintance with the pattern of these entrance examinations, Amravati University Chemistry Teachers Association organizes "General Aptitude Test" for B.Sc. Part-III. Every year our department organizes the General Aptitude Test in collaboration with Amravati University Chemistry Teachers Association as a best practice of Chemistry Department.

The students from B.Sc. Part-III offering Chemistry as one of the subjects is eligible to apply for this Aptitude Test. The examination consists of questions of objective nature with multiple choices. The candidate has to choose the correct answer from the given choices. This year 09 students from B.Sc. Part-III were participated in GAT-2022 and have been organized on 28 April 2022.

**Amravati University Chemistry Teachers' Association**

Amravati


Date: 28/04/2022

S. No.	Name of Candidate	Roll Number
1	Dr. Rajesh P. Ganorkar	01
2	Dr. Rajesh P. Ganorkar	02
3	Dr. Rajesh P. Ganorkar	03
4	Dr. Rajesh P. Ganorkar	04
5	Dr. Rajesh P. Ganorkar	05
6	Dr. Rajesh P. Ganorkar	06
7	Dr. Rajesh P. Ganorkar	07
8	Dr. Rajesh P. Ganorkar	08
9	Dr. Rajesh P. Ganorkar	09

1. Number of students registered for the examination: 09  
 2. Number of students appeared for the examination: 09  
 3. Number of students passed for the examination: 09

Number of seats: 09

1



*Rajesh P. Ganorkar*  
**Coordinator & Head of Department**  
 Dr. Rajesh P. Ganorkar


*Rajesh P. Ganorkar*  
**IQAC Coordinator**  
 Mahatma Fule Arts, Commerce and  
 Sitaramji Chaudhari Science  
 Mahavidyalaya, Warud, Dist. Amravati

*W. S. Chaudhari*  
**PRINCIPAL**  
 Mahatma Fule Arts, Com. & Sitaramji  
 Chaudhari Sci. Mahavidyalaya, Warud

2

*W. S. Chaudhari*

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 Chaudhari Science Mahavidyalaya,  
 Warud, Dist Amravati



# Fire Safety awareness Program for Students

Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya,  
Warud, Dist. Amravati, Maharashtra

**Department of Chemistry**  
**Workshop on Fire Safety**  
2022-2023

**Report**

Department of Chemistry in collaboration with NCC, Sports and NSS organizes "Fire Safety" workshop on the occasion of International Firefighter's Day on Wednesday dated 4<sup>th</sup> of May 2022 at 12.30 pm.

We invited Mr.Harshad Dabhat, Fire safety officer, Warud and Mr.Balade Narhari for this Workshop. Guest arrived to the Department with their team members at 12.30 pm. After Welcoming them by our Respected Principal Prof. Dr.U.E.Chaudhari, Mr.V.N.Gadhane as Organizing Secretary of this workshop delivered introductory speech on the Workshop. Dr.H.P.Ganorkar, HOD and Casemeter of the Workshop also delivered speech about this Workshop. Then, Mr.Harshad Dabhat, the Fire safety officer, gave information, knowledge about fire, its causes and different ways to minimize the fire and loss due to it. Officers also told students about the career in this field. Mr.Dabhat also told students that, how to use different types of Fire extinguishers.

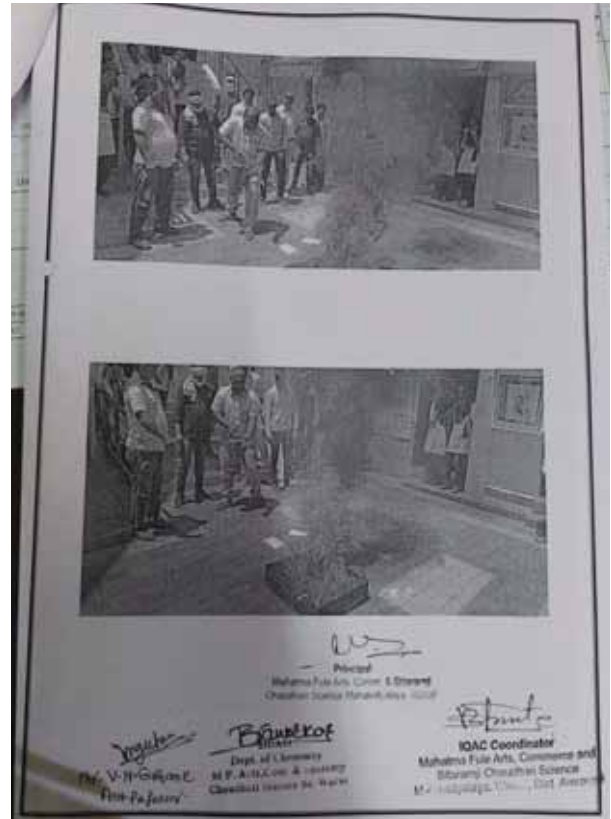
After this, Mr.Dabhat gave practical demonstration outside of the department that, how to extinguish fire, how to use different types of fire extinguisher at the time of fire accidents. Some of our students also performed the same demo at their own confidently. All students were excited and eager to see this demo. Total 100 students of all faculties participated in this Fire safety workshop, and also all faculty members, including teaching and non-teaching staff were present for this Workshop. Dr.Atul Wanjari was Co-ordinator of this Workshop. Mr.Satish Kulkarni, Dr.P.U.Bhavsare and Dr.Rajesh Talegaonkar worked as organizing committee members of this Workshop.

At last, Mr.Satish Kulkarni proposed vote of thanks. The Workshop ended with refreshment and tea to the guest.

Mr. V.N. Gadhane  
Organizing Secretary

Dr. H.P. Ganorkar  
HEAD  
Dept. of Chemistry  
M.F.A.C.S. & S.C.S.M.V.  
Mahatma Fule Arts, Commerce  
& Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

IQAC Co-ordinator  
IQAC Co-ordinator  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati



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**Chaudhari Science Mahavidyalaya,**  
**Warud, Dist Amravati**



Department of Botany:

Educational Tour for Botany student:

**Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science  
Mahavidhyalya, Warud Dist. Amravati.  
Department of Botany  
Excursion: B.Sc. Part II Sem. III (Botany)  
2021-22**

Excursion of Botany Department was organized on 16/12/21 at Mahendri forest and Pusla Dam. Our Principal, Dr. J. D. Wadate sir was very kind enough to permit this tour.

Journey to Mahendri Forest and Pusla dam, started from our college campus at around 9.00am. Total 89 Students and 4- teaching and 2- Guest teachers Staff members were participated in the tour. On the way to Mahendri Forest and Pusla dam, we observed natural beauty, Plants of families included in our syllabus.

We reached Mahendri Forest guest house at around 11.30am. there, we visited various spot of Mahendri forest. We observed and collected plants from these spots. We were very fortunate to observe very rare species of angiospermic plants.

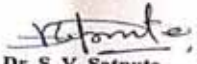
Dr. S.V. Satpute (HOD, Botany), Dr. M.B. Bobade, Dr. P.J. Deshmukh (Excursion In-Charge), Dr. S. S. Deshmukh And Our Guest Teacher Dr. Rewatkar madam And Dr. Rewatkar Sir guided us during the excursion and made familiar with different plants and their economic importance.

On the way to Pusla Dam, we visited Pusla Forest, Guide of Pusla forest guided us about the plants. At 5.00pm, we left the Pusla dam and reached a Warud at 6.00pm.


**Name of flowering plant Families:-** Plant species of these families observed during the excursion): Euphorbiaceae, Bignoniaceae, Solanaceae, Acanthaceae, Asteraceae, Asclepiadaceae, Anacardiaceae, Verbenaceae, Apiaceae, Lamiaceae, Malvaceae etc.

Some glimpses of tour are mentioned in the report.

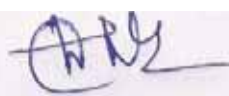


  
**Dr. S. V. Satpute**  
Professor & Head  
Department of Botany  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amr.

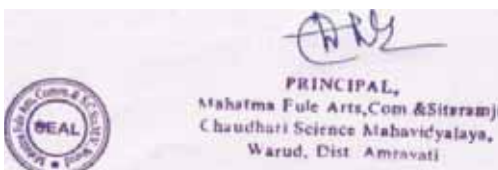
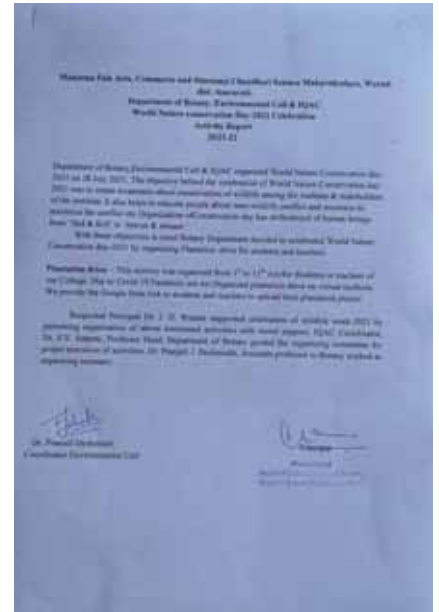


  
**Dr. P. J. Deshmukh**  
Teacher In-charge

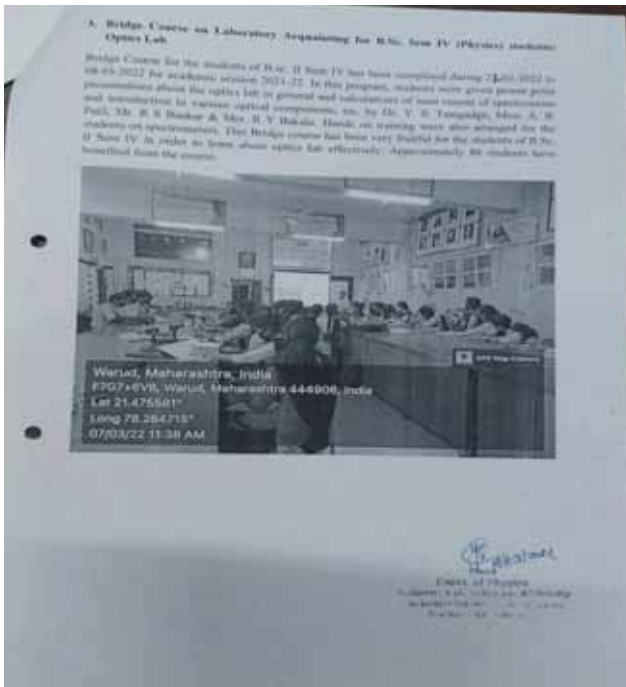
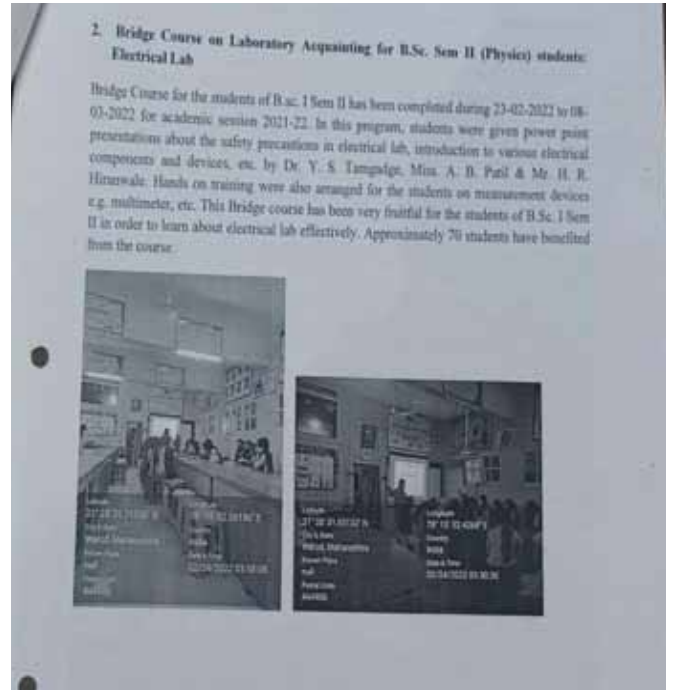
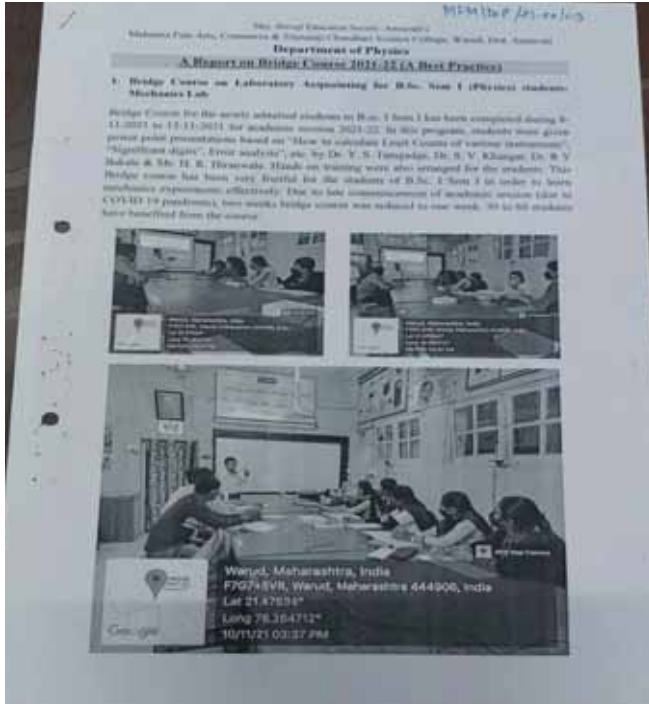


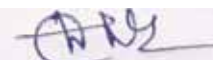
  
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# Plantation Drive on World Nature Conservation Day-2021



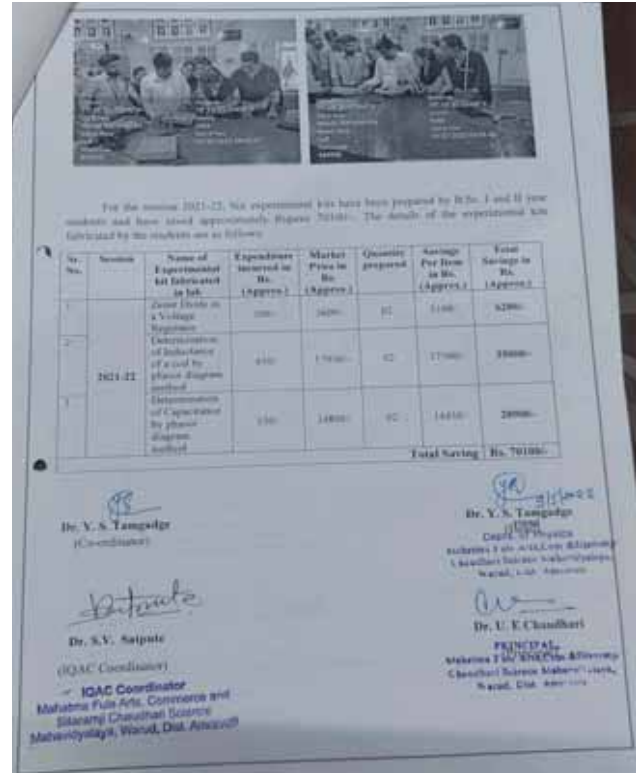
# Department of Physics

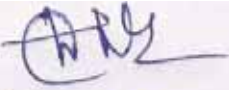



  
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## In house fabrication of Experimental kits:



  
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 Chaudhari Science Mahavidyalaya,  
 Warud, Dist. Amravati





# Department of Electronics


Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud  
Department of Electronics  
**Final Constitution Report (2021-22)**

Department of Electronics organized Project competition on 8<sup>th</sup> March 2022 on the occasion of Women's day. Total 60 participants from under graduate level were participated in the exhibition. They developed Electronic projects by using electronic components, IC's and electronic gadgets. All projects were working projects. Projects were assembled by group of four students. After demonstration of projects in front of examiner and discussing with participants, those best projects were selected by response. Participants of first three projects selected by examiner were awarded by cash prize and certificate. Prof. Anantpal Paul and Prof. Ramchandra Bhatkar were examiner for the project.

Project competition was inaugurated at the hands of Dr. U.E. Chaudhari principal of Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud. Dr. S.V. Sapate NAAC coordinator was chief guest for the competition. Dr. U.E. Bhatkar was coordinator of competition. Prof. H.R. Zingrao secretary of competition and Prof. S.V. Purohit head of department were chair the function. Mr. Manojkumar Talwar and other members of Electronics committee were work hard for success of the competition.

**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati



**ICAC Coordinator**  
Mahatma Fule Arts, Commerce and  
Sitaramji Chaudhari Science  
Mahavidyalaya, Warud, Dist. Amravati

**Head**  
Dept. of Electronics  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati

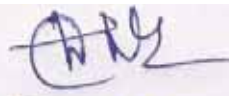
Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud  
Department of Electronics  
**Project Competition 8 March 2022**


S.No	Name of student	Name of Project	Signature
1	Miss Pooji M. Bhatkar	Automatic automatic machine	[Signature]
	Miss Anjali G. Bhatkar		[Signature]
	Miss Anshika P. Anantkar		[Signature]
2	Miss Pranshu G. Bhatkar	Smart detector	[Signature]
	Miss Harsha G. Bhatkar		[Signature]
	Miss Yashika P. Bhatkar		[Signature]
3	Miss Pratiksha G. Bhatkar	S.O.S.R alarm security system	[Signature]
	Miss Anjali J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
4	Miss Anshika J. Bhatkar	Magic blood track	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
5	Miss Anshika J. Bhatkar	Face energy generator	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
6	Miss Anshika J. Bhatkar	Smart Detection	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
7	Miss Anshika J. Bhatkar	Life saving device	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
8	Miss Anshika J. Bhatkar	Flame hold circuit	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
9	Miss Anshika J. Bhatkar	Automatic door light	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]
10	Miss Anshika J. Bhatkar	Face Detection system	[Signature]
	Miss Anshika J. Bhatkar		[Signature]
	Miss Anshika J. Bhatkar		[Signature]

**PRINCIPAL,**  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati



**Head**  
Dept. of Electronics  
Mahatma Fule Arts, Com & Sitaramji  
Chaudhari Science Mahavidyalaya  
Warud, Dist. Amravati

  
**PRINCIPAL,**  
 Mahatma Fule Arts, Com & Sitaramji  
 Chaudhari Science Mahavidyalaya,  
 Warud, Dist. Amravati



Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud  
 Department of Electronics and Computer Science

**Study Tour Report (2021-22)**

Department of Electronics and Computer science organized one day study tour on dated 12<sup>th</sup> May 2022 at solar energy project katol, Balasaheb Thakare Greenwada zoological park, Nagpur and Institute of management and technology Nagpur. Total 34 students and 4 staff members were participated for tour.

Students visited at department of Electronics and department of computer science and getting advance knowledge about subject. They received information regarding advanced instruments and technology through experts at Institute of management and technology. They also visited at solar energy project Katol and learned how to generate electric energy by using solar system. They also visited at Greenwada zoological park and study about various wild animals such as tiger, Deer, Bison, Peacock and so many animals. After successful organization of tour students submitted tour report at department.



Incharge Head  
 Department of Computer Science  
 Mahatma Fule A.C. & Sitaramji  
 Chaudhari Science College Warud



Head  
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*ARJ*  
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# Problem Solving Methodology: "Brain digger: a Physics Quiz Board"

Mahatma Jyoti Arts, Commerce & Sitaranji Chaudhari Science College, Warud, Dist. Amravati  
 Department of Physics  
**A Report on**  
**"BRAIN DIGGER"**  
 (A Physics Quiz Board-2021-2022)

For the academic session 2021-22, the department has organized "BRAIN DIGGER" (Physics Quiz Board) as a Best Practice. This innovative Best Practice was implemented on the occasion of National Science Day 2021. It was inaugurated at the hands of Hon'ble Principal Dr. I. D. Wadgaonkar on 27<sup>th</sup> February 2021 at 12.00 noon.

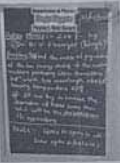
For the session 2021-22, four quiz were put on the Physics Quiz Board and one quiz remained unsolved. The details of the quiz and students participation are as follows:

**Quiz 1: The first quiz was sponsored by Dr. S.V. Khangar.**

The time period given to solve this quiz was one month which was extended for another month. Many students participated in this quiz based activity. Following are the names of students who participated in quiz 1:

- 1) Tina Morewarwar Chitkara BSc III Sem II
- 2) Anshika Kulkarni Patil, BSc II Sem II
- 3) Anil Nandan Karbhane BSc III SEM VI
- 4) Alhya A. Sayyad BSc II sem IV
- 5) Rashali Malviya BSc III sem VI
- 6) Gaurav Satya BSc III Sem VI
- 7) Nabil Nisar BSc III Sem VI

Among these students, the most relevant answer was given by **Miss. Rashali Malviya BSc III Sem V**. She was invited and felicitated on winning the prize of quiz 1 of the Physics Quiz Board. The prize has been given by the sponsored Volunteer Teacher **Dr. S. V. Khangar**.




**Quiz 2: The 2<sup>nd</sup> quiz was sponsored by our Volunteer Teacher Miss. S. B. Patil**

The time period given to solve this quiz was one month which was again extended for another month. Many students participated in this quiz based activity. Following are the names of students who participated in quiz 2:

- 1) Mr. D. A. Talhe, Lab. Assistant, Thane (M.Phil)
- 2) Anshika Kulkarni Patil, BSc II Sem II
- 3) Alhya A. Sayyad, BSc III Sem V
- 4) Gaurav Satya, BSc III Sem VI
- 5) Nabil Nisar, BSc III Sem VI

Among these students, the most relevant answer was given by **Mr. D. A. Talhe, Lab. Assistant, Thane (M.Phil)** on winning the prize of quiz 2 of the Physics Quiz Board. The prize was given by the sponsored Volunteer Teacher **Miss. S. B. Patil**.




**Quiz 3: The 3<sup>rd</sup> quiz was sponsored by Lab. Assistant Mr. D. A. Talhe.**

The time period given to solve this quiz was one month which was again extended for another month. Many students participated in this quiz based activity. Following are the names of students who participated in quiz 3:

- 1) Anshika Kulkarni Patil, BSc II Sem II
- 2) Alhya A. Sayyad, BSc III Sem V
- 3) Tina Morewarwar Chitkara BSc III Sem VI

All the above students failed to give the correct answer to the above quiz 3. So, the department of Physics decided that quiz 3 is replaced by a new quiz and again the quiz was sponsored by **Lab. Assistant Mr. D. A. Talhe**.




**Quiz 4: The quiz was sponsored by Lab. Assistant Mr. D.A. Talhe**

The time period given to solve this quiz was one month which was again extended for another month. Many students participated in this quiz based activity. Following are the names of students who participated in the quiz:

- 1) Anshika Kulkarni Patil, BSc III Sem VI
- 2) Alhya A. Sayyad, BSc III Sem VI
- 3) Tina Morewarwar Chitkara BSc III Sem VI
- 4) Nabil Nisar BSc II Sem II

Among these students, the most relevant answer was given by **Alhya A. Sayyad, BSc III Sem VI**. She was invited and felicitated on winning the prize of quiz 4 of the Physics Quiz Board. The prize was given by the sponsored Volunteer Lab. Assistant **Mr. D.A. Talhe**.



Warud, Maharashtra, India  
 430204, Warud, Maharashtra 430204, India  
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 Long 78° 28'40"E  
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**Dr. Beena V. Bhalke**  
 (Co-ordinator)

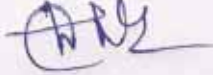
**Dr. S.V. Satpute**

**Dr. V. S. Patil**  
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(OAC Co-ordinator)  
 IQAC Co-ordinator  
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**PRINCIPAL,**  
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**Warud, Dist Amravati**