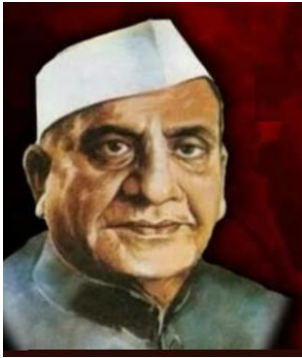


Shri shivaji Education Society Amravati's



Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati



1. USE OF ICT IN COLLEGE:

ICT spreads its network in every sector of life. Education is not out of it. The havoc exposure of digital movement results in a positive impact in India. But it is already known that the digital knowledge of the rural students is lower than that of urban students due to lack of digital exposure and facility. Therefore, the students of the rural area suffer from many communication gaps in different sections. Consequently, in this digital age, they lag behind the other urban students. Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati, situated in a rural area, has adopted various measures to raise the level of digital consciousness and competency of the students to acclimatize them to the contemporary digital environment. With this objective in view, the college has established the ICT based teaching-learning system. ICT enabled classroom, seminar hall and lab make the mission of college authority successful. The ICT infrastructure of the college helps to maintain the entire education system fit and fine during the pandemic caused by Covid-19 when the students have been out of campus for a long time.

The classic methodology of teaching, 'Chalk-Talk-Walk Technique' has certain limitations such as board management, neat diagrams, and handwriting skills. In

the modern context, contemporary settings are favoring curricula that promote competency and performance. Curricula are developed to emphasize capabilities and concerns towards the application of the information. ICTs can provide strong support for all these requirements and there are now many outstanding examples of world-class settings for competency and performance-based curricula that make sound use of these technologies. The integration of information and communication technologies can help revitalize teachers and students. The usage of ICT is to complement the classical teaching techniques, particularly in difficult subject areas. To achieve these objectives, teachers need to be involved in the preparation of **online teaching** resources, multimedia presentation and developing online video lectures. Teachers share meaningful and engaging learning experiences for the students, strategically using ICT. ICT enables students to enjoy enquiry based innovative learning techniques.

The ICT enabled system in Matoshree Vimalabai Deshmukh Mahavidyalay Amravati has the following dimensions:

Academic Activities:

1) **E-Classroom** – The College has developed an E-Classroom where each of the department has classes on LMS System and Interactive board in A. V. Theatre. The teachers are providing learning material, online MCQ practice sets, lesson plans.

2) **ICT Enabled Room** – All the Departments/Honors classrooms in the college are ICT enabled with laptops, projectors. The teachers provide world- class teaching using ICT i.e. PowerPoint presentations and other learning materials.

3) **The College Website**– The College has its institutional official website designed for every academic support to the students. The website not only highlights the achievements of the college in the academic field but it also enables the students to have easy access to various information and necessary links.

4) **Digital display Board** – The College has installed a digital display Board which gives the students access to the college notices through the digital notice system. As and when required, a student can easily recheck the information. It is one of the steps exercised by the college to practice paperless office. It is now observed that most of the students have already become habituated in this system. Earlier it was found that many students used to gather in front of the

office of the college premises to get and verify the information which the college intended to communicate to the students. Further many incidents were witnessed in which students suffered due to miscommunication. Now the number of such incidents has come down.

5) Webinars– When the pandemic forced the education system to a standstill, Matoshree Vimalabai Deshmukh Mahavidyalaya attempted to engage the students by organizing a series of webinars during the pandemic period. These webinars have become successful in giving the students exposure to the greater academic world by arranging lectures and dialogues by eminent speakers. It also created the academic platform for the students and teachers.

6) Other Online Academic Activities-

Continuous Internal Examination and practical examinations are conducted through online MCQ. Students and other stakeholders can give online feedback regarding the institution using Google form.

7) N-LIST System –

To keep the education system updated the college authority has subscribed membership of "National Library and Information Services Infrastructure for Scholarly Content (N-LIST)" to help the teachers and students with famous and reputed journals and other academic resources.

8) Administrative purpose:

The college website bears a separate section for dynamic notice and tenders for bringing transparency in the administrative system. All the online payment related transactions are done by the students through the secure end to end encrypted gateway.

College's Official Website: www.mvdcollege.org

The ICT enabled teaching-learning system has become a huge necessity during the COVID 19 pandemic. As the pandemic forced the educational institutions to close down; online teaching has become the only mode to continue the education of the students. Besides online classes through LMS System, WhatsApp groups are created for every batch of students to keep easy communication among the teachers and the students. It has been quite successful amidst this pandemic.

The Number of Teaching-Learning Materials:

Sr. No.	Material (s).	Number(s)
1	Projectors.	08
2.	Laptops.	06
3.	Desktops.	91
4.	Sound System (Seminar Hall).	01
5.	Loud Speaker (Seminar Hall).	04
6.	Printers (Black & White).	12
7.	Printers (Colour).	02
8.	Copier.	02
9.	Interactive Board	01
10.	Information Display Board	02

Following are the number of programs organized from 2017 to 2022 through ICT:

1) Session 2017-2018
Program 1):



- 1) **Name of Activity:** "Seminar on "Cyber Crime" ON 15 /02/2019 at 11.00 AM.
- 2) **Resource person:** Mr. Saket Sisodiya, Mr. Pranay Shinde and Ku. Sonali Khadase , institution of advance networking technology (IANT), computer educational institute , 2nd floor, besides saharak bhavan , Jaisthabha, Amravati , www.iantindia.com
- 3) **Convener:** Prof. Dr. D. R. Bambole

2) Session 2018-2019
Program 1):



- 1) **Name of Activity :** "Celebration of National Science day" by guest Lecture and student's speeches, Science Exhibitions on 28/02/2019:
- 2) **Resource person :** Dr. M. S. Deshmukh, In charge of the Science Faculty
- 3) **Convener:** Prof. Dr. D. R. Bambole

Program 2):



1) **Name of Activity** : : "Soft Skill Development WORKSHOP ON 22nd to 25 March 2019 “

2) **Resource person** – Dr. Miss. Deshmukh, SGBA University, Amravati

3) **Convener** – Dr. S. D. Thakare , Department of English

3) **Session 2019-2020**

Program 1):



1) **Name of Activity** : “Science seminar and inter collegiate science model and poster competition on “non-conventional energy sources for rural development” on 21/01/2020”

2. **Resource person** : Dr. V. S. Sapkal , Former Vice-chancellor , Sant Tukadoji Maharaj University, Nagpur Dr. Sandeep A. Waghule, Department of Physics, Sant Gadge Baba Amravati University Amravati.

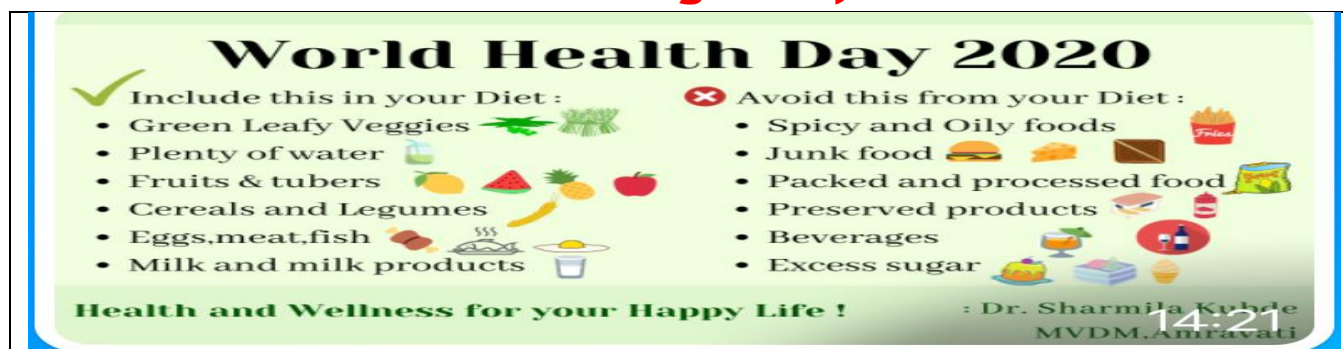
3). **Convener**: Prof. Dr. D. R. Bambole, Department of Physics

Program 2):



- 1) **Name of Activity:** “Two days ICT workshop for B. Sc. I (Science) students on “MS-Office” ON 11 and 12 March 2020 ”
- 2) **Resource person:** Prof. Dr. D. R. Bambole, Department of Physics
- 3) **Convener:** Prof. D. R. Bambole, Department of Physics

Program 3):



- 1) **Name of Activity :** “Making poster on the occasion of celebration of “world Health day 2020’ on 07/04/2020”
- 2) **Resource person :** Dr. Sharmila R. Kubde
- 3) **Convener:** Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

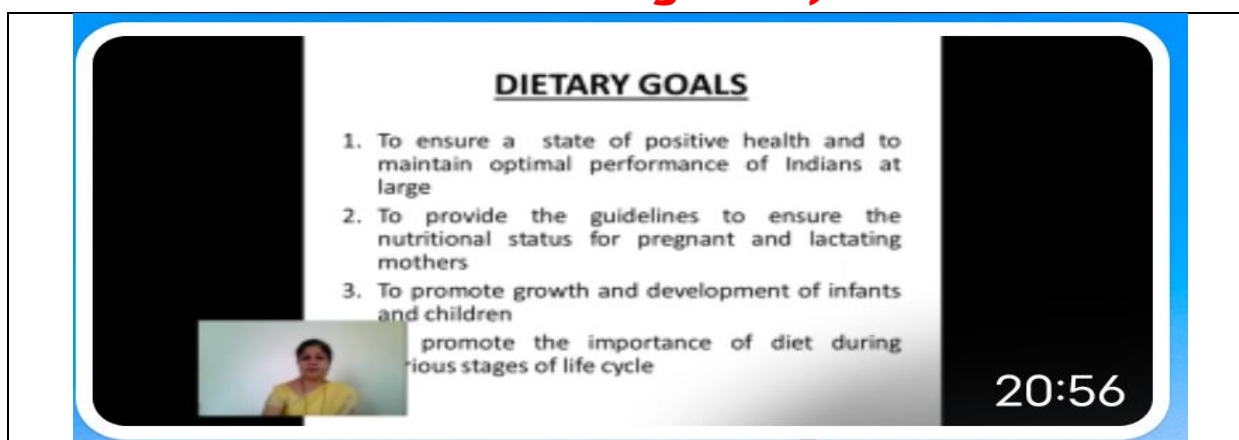
Program 4):



- 1) **Name of Activity :** “Making poster on Awareness about Covid -19 “Social invitation: Fight against COVID -19” on 09/04/2020”

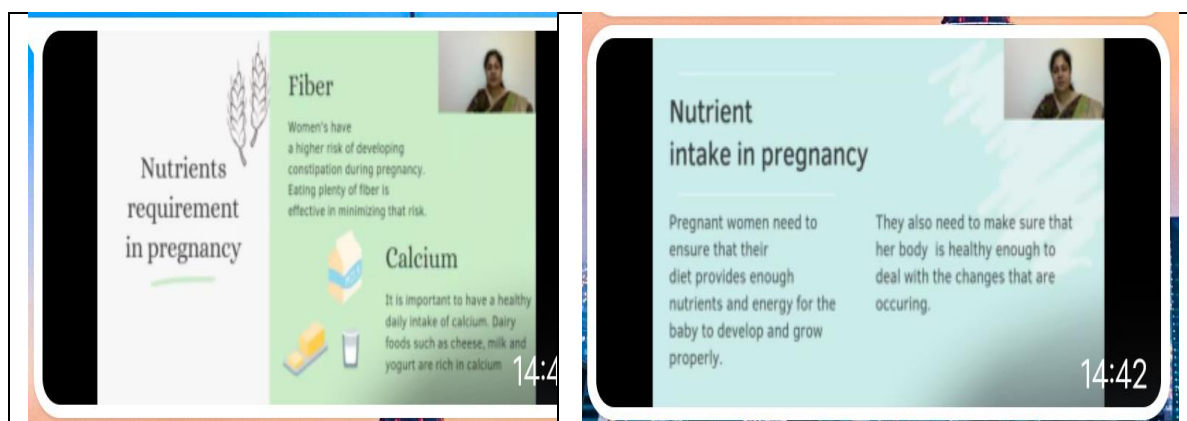
- 2) Resource person – Dr. Sharmila R. Kubde
- 3) Convener – Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 5):



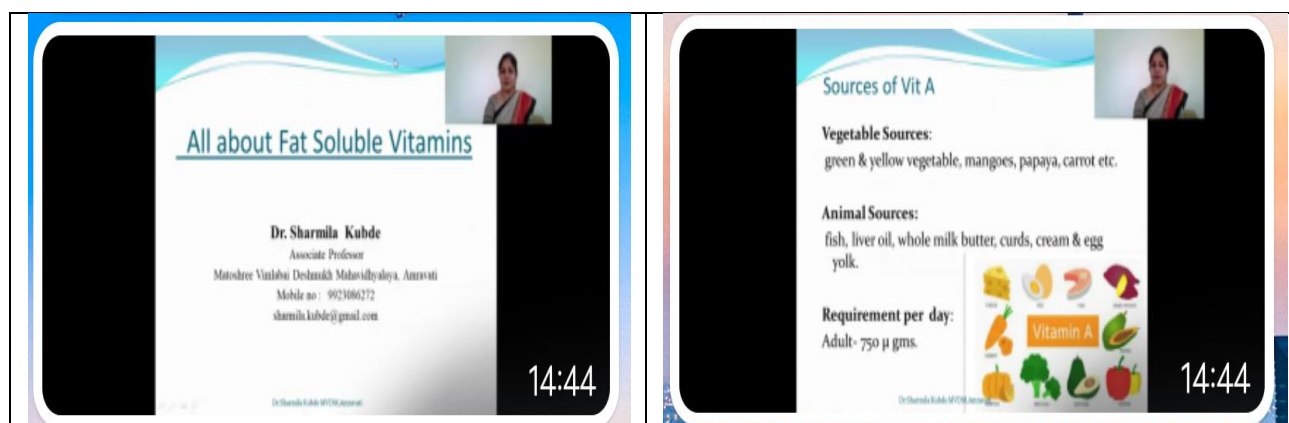
- 1) Name of Activity : “ Lecture on Dietary Goals” on 03/10/2020
- 2) Resource person : Dr. Sharmila R. Kubde
- 3) Convener : Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 6):



- 1) Name of Activity : “ Lecture on Diet during Pregnancy” on 09/10/2020
- 2) Resource person : Dr. Sharmila R. Kubde
- 3) Convener: Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 7):



All about Fat Soluble Vitamins

Dr. Sharmila Kubde
Associate Professor
Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati
Mobile no : 9923086272
sharmila.kubde@gmail.com

14:44

Sources of Vit A

Vegetable Sources:
green & yellow vegetable, mangoes, papaya, carrot etc.

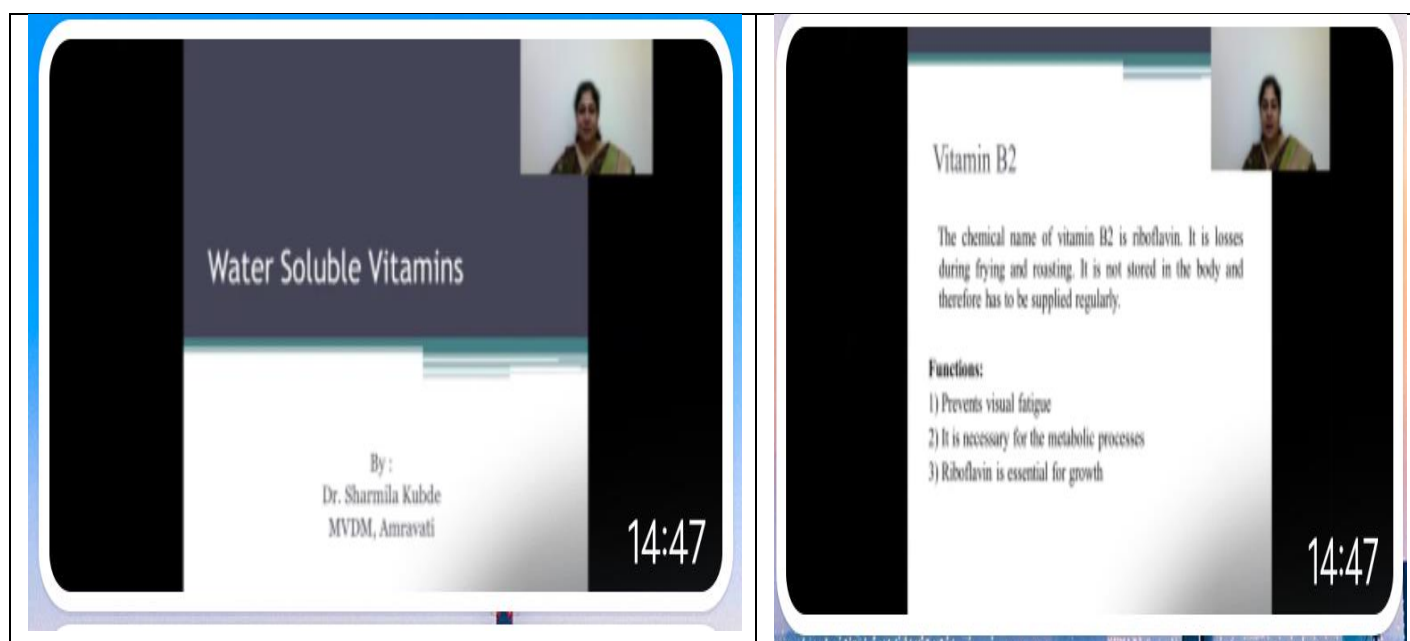
Animal Sources:
fish, liver oil, whole milk butter, curds, cream & egg yolk.

Requirement per day:
Adult - 750 µgms.

14:44

- 1) **Name of Activity :** “Lecture on Fat Soluble Vitamins” on 12/10/2020
- 2) **Resource person :** Dr. Sharmila R. Kubde
- 3) **Convener:** Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 8):



Water Soluble Vitamins

By:
Dr. Sharmila Kubde
MVDM, Amravati

14:47

Vitamin B2

The chemical name of vitamin B2 is riboflavin. It is losses during frying and roasting. It is not stored in the body and therefore has to be supplied regularly.

Functions:

- 1) Prevents visual fatigue
- 2) It is necessary for the metabolic processes
- 3) Riboflavin is essential for growth

14:47

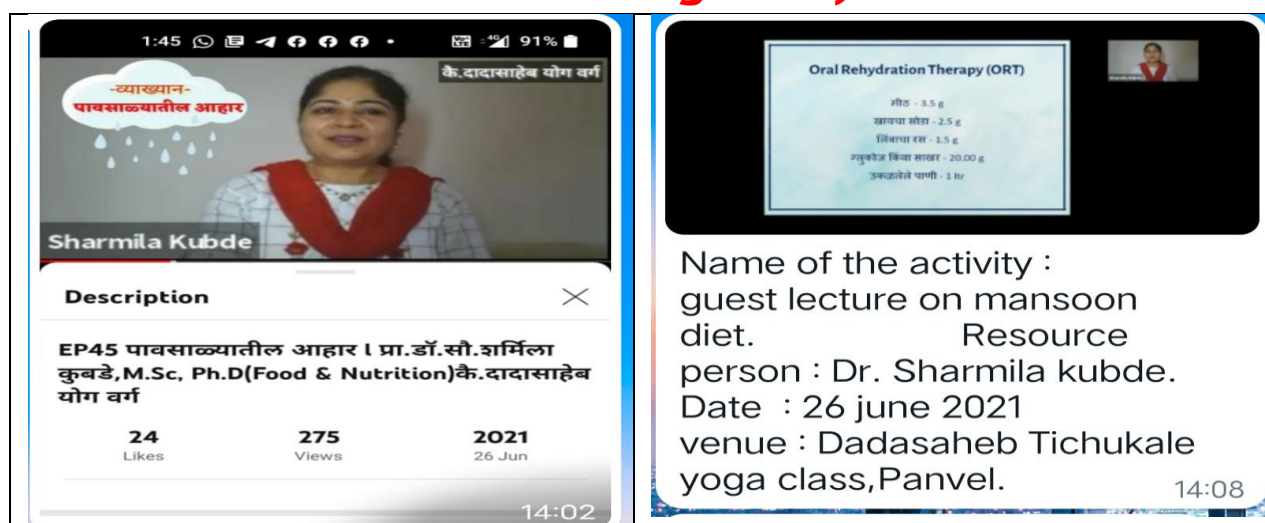
- 1) **Name of Activity :** “Lecture on Water Soluble Vitamins” on 18/10/2020
- 2) **Resource person :** Dr. Sharmila R. Kubde
- 3) **Convener :** Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

4) Session 2020-2021 Program 1):



- 1) **Name of Activity :** Guest Lecture on “Importance of Diet in Season, Festival” on 13/04/2021”
- 2) **Resource person :** Dr. Sharmila R. Kubde
- 3) **Convener :** Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 2):



- 1) **Name of Activity :** Guest Lecture on “Monsoon Diet ” on 26/06/2021” at Dadasahebl Tichukale Yoga class, Panvel
- 2) **Resource person :** Dr. Sharmia R. Kubde
- 3) **Convener:** Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 3):




- 1) **Name of the Activity:** One day "Teachers and Non-teaching staff training workshop on e-governance" on 15/07/2021
- 2) **Resource Person:** Shri Umesh Vinayakrao Deshmukh, Washim district president of non-teaching staff delivering his speech in the "teaching and non teaching staff training for e- governance"
- 3) **Convener:** For "Teacher and non-teaching staff training workshop", Dr. D. R. Bambole.

Program 4):



- 1) **Name of Activity :** " Workshop for teachers on ICT Tools " on 27/07/2021
- 2) **Resource person:** Prof. Dr. D. R. Bambole, Department of Physics
- 3) **Convener :** Prof. Dr. D. R. Bambole, Department of Physics

Program 5):




TYPES OF MILK

- Whole milk
- Skimmed milk
- Condensed milk
- Powder milk
- Tinned milk
- Whole powder
- Groundnut milk
- Soya milk

Lecture on "Milk and milk products" by Dr. Sharmila Kubde
www.youtube.com

<https://youtu.be/aqDYR6ce3H0>

16:09



COMPOSITION OF MILK

COMPOSITION OF MILK FROM VARIOUS SPECIES

	Water	Fat	Protein	Lactose
Buffalo	82.14	7.44	4.78	4.81
Cow	87.27	3.06	3.47	3.66
Human	87.47	3.76	2.14	3.76

source: Rangappa k. S.

16:05


Milk and products

By: Dr. Sharmila Kubde
MVDM Amravati

16:05


- 1) **Name of Activity :** Lecture on “Milk and Milk products” on 27/09/2020”
- 2) **Resource person –** Dr. Sharmila R. Kubde
- 3) **Convener:** Prof. Dr. Sharmila R. Kubde, Department of Food & Nutrition, Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Program 6):



Shot on OnePlus
By Mayura

2021/11/10
13:37



Shot on OnePlus
By Mayura

2021/11/10
13:36

- 1) **Name of Activity :** Lecture on “LASER” in “College Study Circle” on the ideas, concept of production and Industrial & Medical applications of LASER on 07/04/2021
- 2) **Resource person:** Prof. Dr. D. R. Bambole, Department of Physics
- 3) **Convener:** Prof. Dr. S. R. Kubde, “College Study Circle”

Program 7):



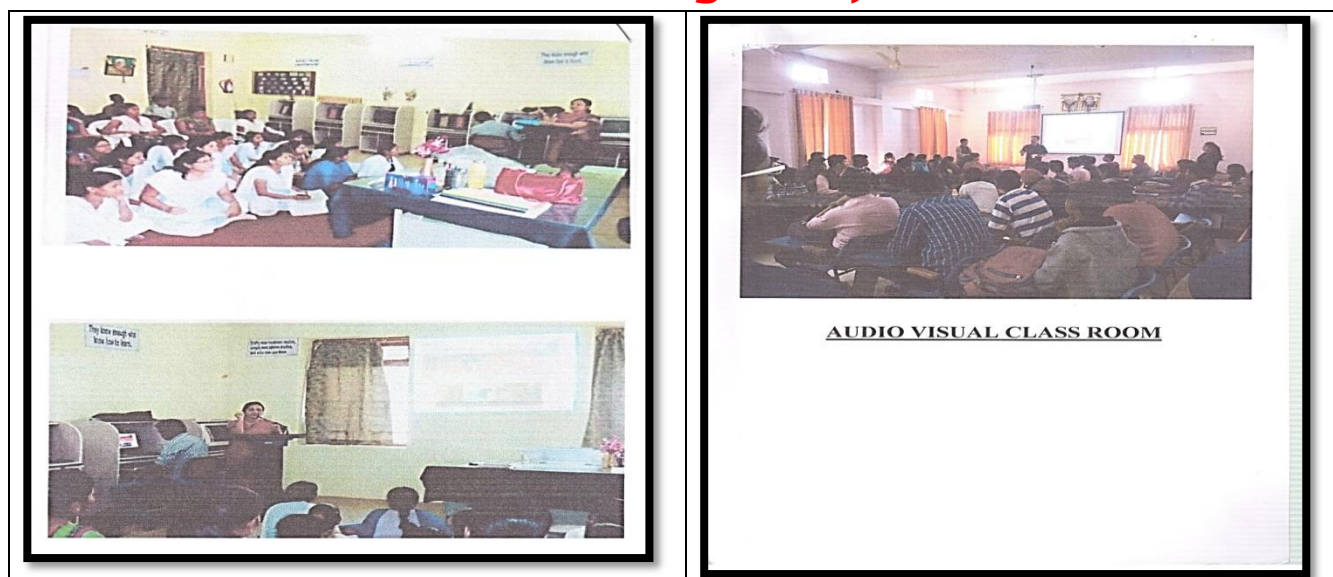
- 1) **Name of Activity :** Lecture in Study Circle on “Types of soups and their benefits” on 07/04/2021
- 2) **Resource person:** Prof. Dr. S. R. Kubde, Department of Food and Nutrition
- 3) **Convener:** Prof. Dr. S. R. Kubde, “College Study Circle”

Program 8):



- 1) **Name of Activity :** Lecture in “ College Study Circle” on “Dr. Harikrishna Devasare’s Political Satire in baby stories” on 08/04/2021
- 2) **Resource person:** Prof. Dr. S. B. Watane, Department of Hindi
- 3) **Convener:** Prof. Dr. S. R. Kubde, “College Study Circle”

Program 9):

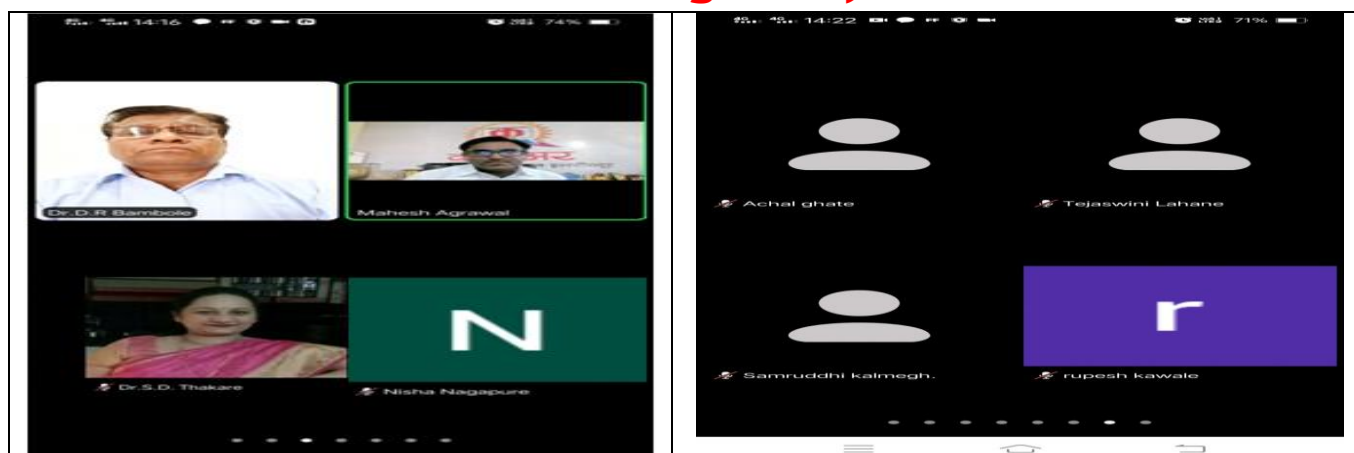


AUDIO VISUAL CLASS ROOM

- 1) **Name of Activity :** Lecture on “Phonetics” by Dr.S.D.Thakare For B.Sc. Home Science I – Sem II Students on 22/02/2021
- 2) **Resource person:** Prof. Dr. S. D. Thakare , Department of English
- 3) **Convener :** Dr.S.D.Thakare, Department of English





5) Session 2021-2022

Program 1):



- 1) **Name of the Activity:** Workshop on “ MS office (MS word, MS excel, MS power point) organized by Department of Physics (Home science) in Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati, On 24/08/2021
- 2) **Resource person:** Shri. Mahesh B. Agrawal, Director, Carrier Computer Institute Daryapur.
- 3) **Convener :** Dr. Devidas Rushiji Bambole, MVDM Amravati

Program 2):

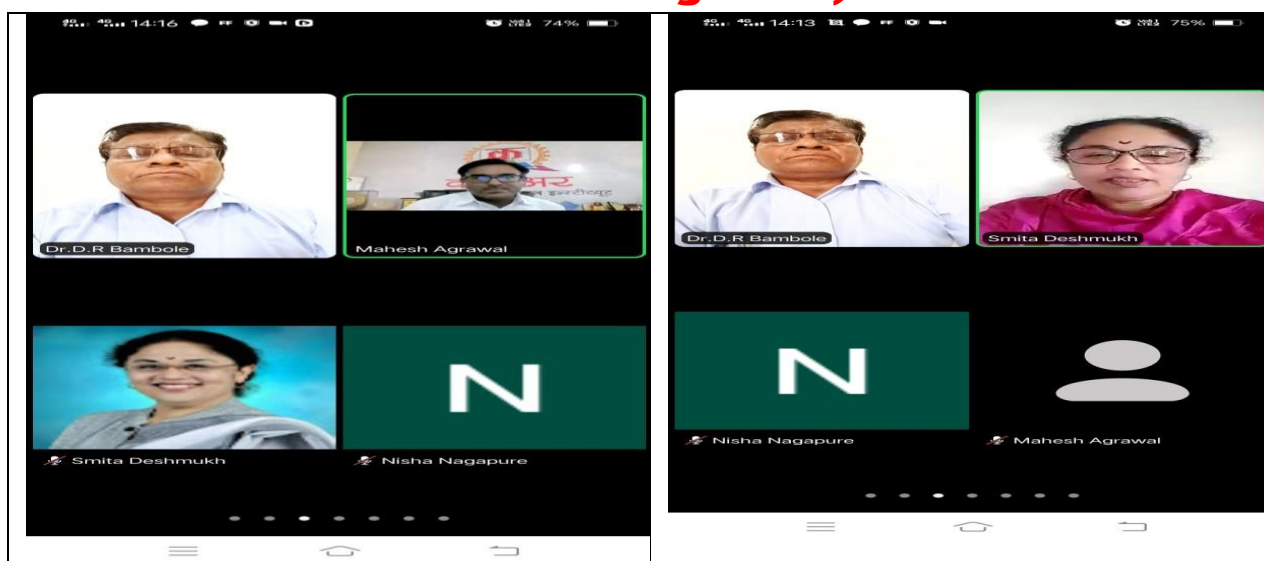
- 1) **Name of the Activity:** One day webinar on physical fitness: Need for life on 12/10/2021 organized by department of physical education and sports in Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati.
- 2) **Resource person :** Prof. Dr. Rajesh D. Chandrawanshi
Director of Physical Education and Sports (Professor Grade)
- 3) **Convener:** Prof. Shri. Vilas R. Thakare
Director of Physical Education and Sports

Program 3):



- 1) **Name of Activity :** Interview for Promotion of Associate Professors (Academic Level-13A) as Professor (Level-14) under Career Advancement scheme on 08/09/2021

Program 4):



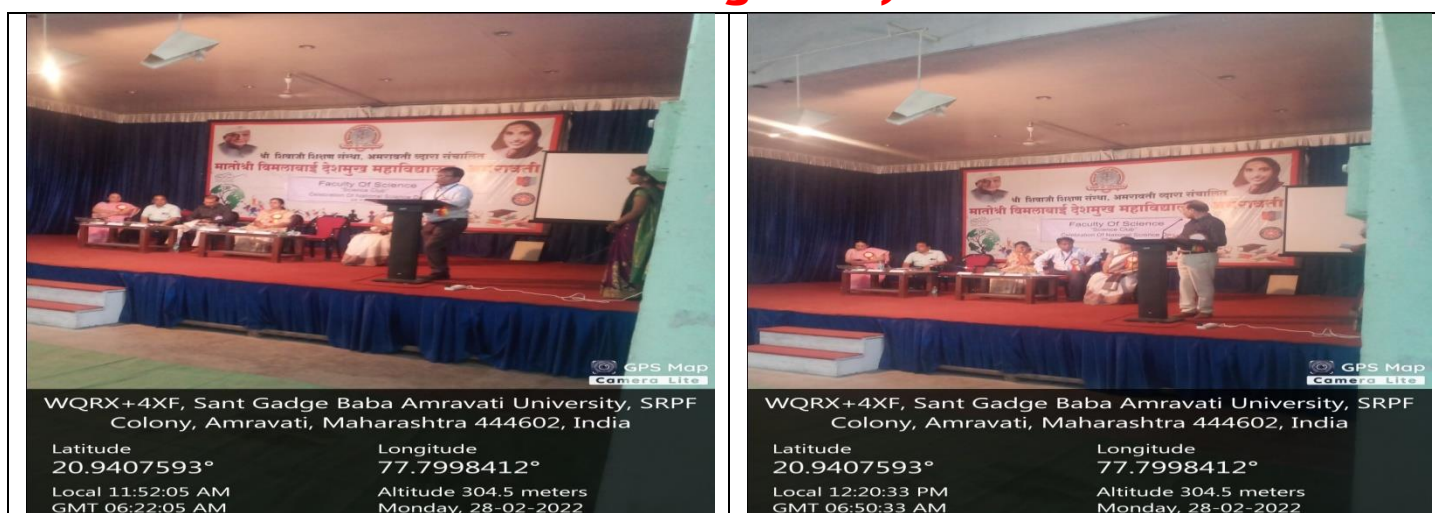
- 1) **Name of the Activity:** One day webinar on “MS OFFICE (MS WORD, MS EXCEL, MS POWER POINT) organized by department of physics (home Science) in Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati, on 10/10/2021
- 2) **Resource Person** – Shri. Mahesh B. Agrawal, Director, Carrier Computer Institute Daryapur.
- 3) **Convener** : Dr. Devidas Rushiji Bambole, Department of Physics, MVDM Amravati

Program 5):



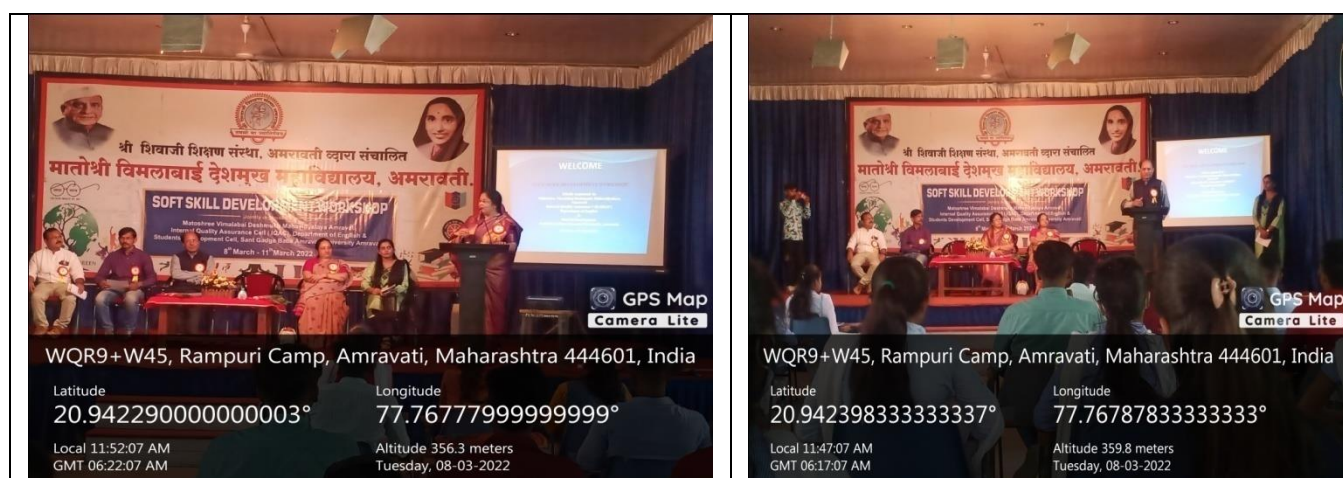
- 1) **Name of Activity** : Seminar on " Awareness of Energy Conservation " on 05/01/2022
- 2) **Resource person:** Prof. Dr. A. U. Bajpayee, Department of Physics, Smt. Narsamma Science College, Kiran Nagar Amravati.
- 3) **Convener:** Prof. Dr. D. R. Bambole , “Science Club”

Program 6):



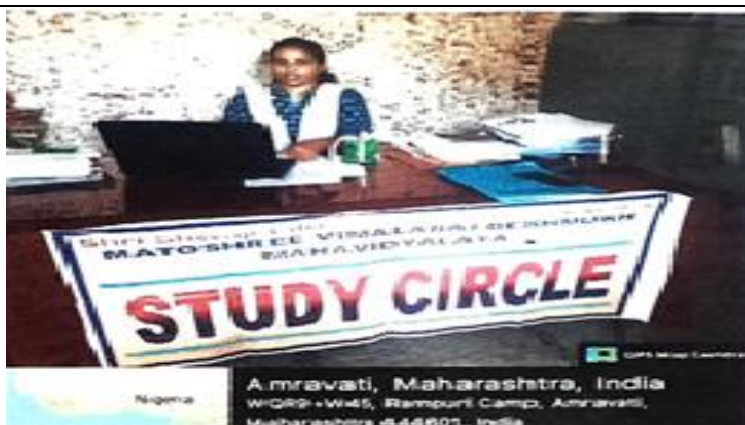
- 1) **Name of Activity :** Inauguration of "Science Club" and "Celebration of National Science day" by Poster and Models exhibition competition" guest lecture on 28/02/2022
- 2) **Resource person:** Prof. Dr. H. S. Lunge, Department of Physics , Shri Shivaji Science College Amravati .
- 3) **Convener :** Prof. Dr. D. R. Bambole , "Science Club"

Program 7):



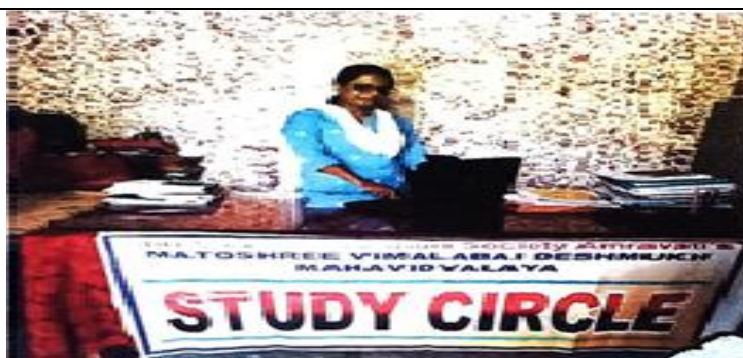
- 1) **Name of Activity:** "Soft skills development workshop" on 08/03/2022
- 2) **Resource person :** Principal, Dr. R. M. Bhise , Shri Shivaji Arts and Commerce college Amravati.
- 3) **Convener :** Dr. S. D. Thakare, Department of English, Students development cell , Sant Gadgebaba Amravati University, Amravati

Program 8):



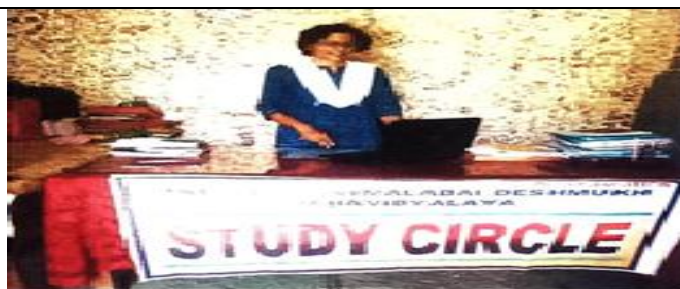
- 1) **Name of Activity :** Lecture in “ College Study Circle” on “Self Employment in Home Economics” on 13/05/2022
- 2) **Resource person :** Prof. P. B. Bhamburkar , Department of Home Economics
- 3) **Convener :** Prof. Dr. S. R. Kubde, “College Study Circle”

Program 9):



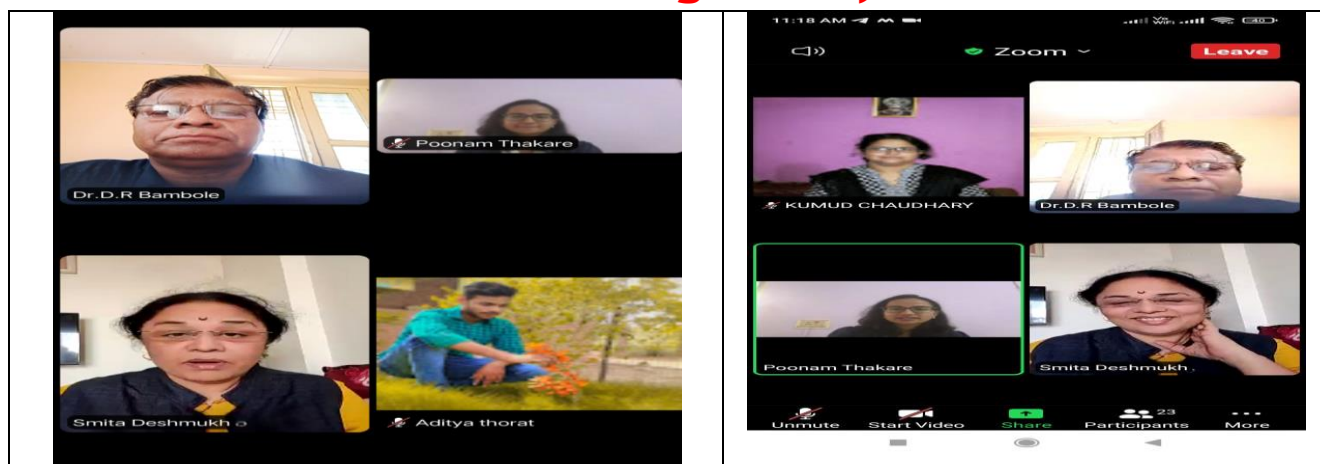
- 1) **Name of the Activity:** Lecture in “ College Study Circle” on “Kalamkari- Printed Textile in India”.
- 2) **Resource person:** Prof. A. P. Harane , Department of Cloth and textiles
- 3) **Convener :** Prof. Dr. S. R. Kubde, “College Study Circle”

Program10):



- 1) **Name of Activity :** Lecture in “ College Study Circle” on “ Home Science- Vision and career opportunities” on 14/05/2022
- 2) **Resource person –** Prof. S. S. Mohod , Department of Human Resources.
- 4) **Convener –** Prof. Dr. S. R. Kubde, “College Study Circle”

Program 11):



- 1) **Name of the Activity:** One day webinar on "Motivation of students for Competitive exams" under "Career Katta" on 18/ 06 /2022 at 11.00
- 2) **Resource person :** Miss Poonam Thakare, Assistant Commissioner, in GST, Chennai (IRS- Indian Revenue Services)
- 3) **Convener :** Prof. Dr. D. R. Bambole, MVDM, Amravati

Program 12):



- 1) **Name of Activity:** “ Start up India Program for students in collaboration with ‘skill India department, Amravati’ on organized by “Career Katta” MVDM , Amravati on 20/08/2022
- 2) **Resource person –** Officials of ‘Skill India department, Amravati’
- 3) **Convener –** Prof. Dr. D. R. Bambole, MVDM, Amravati .

Program 13):



- 4) **Name of Activity:** CBCS Program sponsored by S G B A University organized by college on 17/09/2022
- 5) **Resource person** – Dr. Pranav Kolte , SGBAU Amravati , Expert for guidance
- 6) **Convener** – 1) Prof. A. P. Harane, MVDM, Amravati
2) Prof. Dr. D. R. Bambole, MVDM, Amravati .


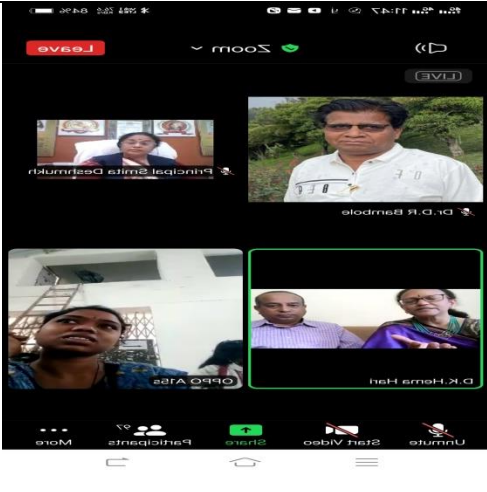
6) Session 2022-2023

Program 1):



- 1) **Name of Activity:** Mahila Melava : Shodh Navya Dishyancha” on the occasion of 124th Birth Anniversary of Dr. Panjabrao Deshmukh Mahavidyalay, Amravati organized on 21/12/2022
- 2) **Resource person** – 1) Shri. Dilipbabu Ingole, Treasurer, shri Shivaji Education Society, Amravati 2) Smt. Prabhavati B. Watane
- 3) **Convener** – Dr. Shalini B. Watane

Program 2):

	
<ol style="list-style-type: none">1) Name of Activity: National level Seminar on “Discovery of India” on 24/ 01/20222) Resource person – 1) Dr. H. K. Hari and D. K. Hema Hari Madam, Founder Life Member and Manager Trustee of Bharat Gyan.3) Convener – Prof. J. D. Sangole , MVDM Amravati	