

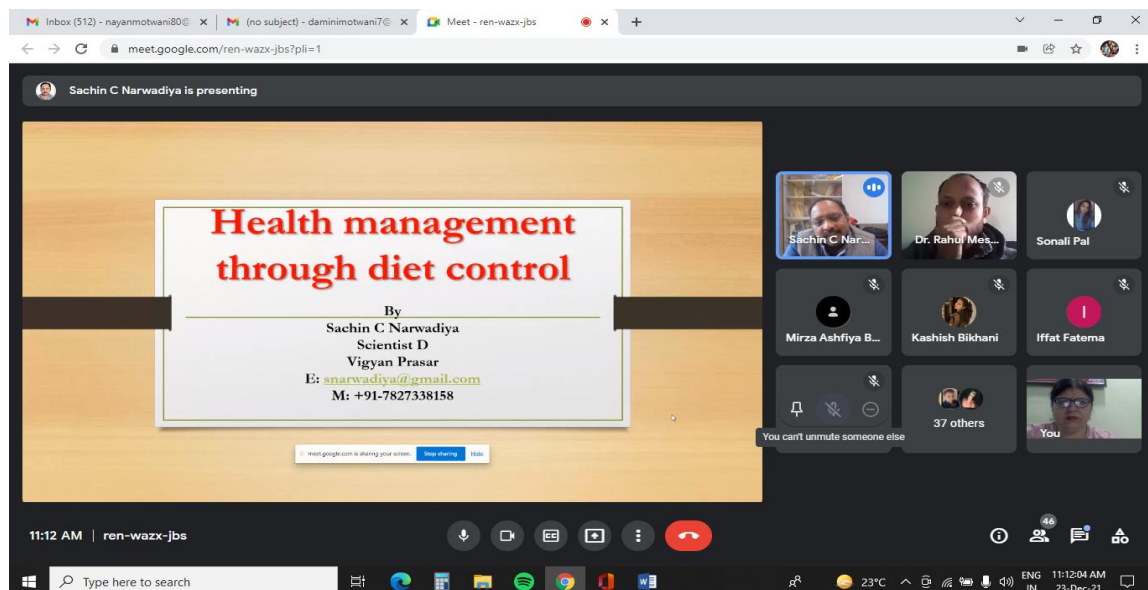


## DEPARTMENT OF BIOCHEMISTRY ANNUAL REPORT 2021-2022

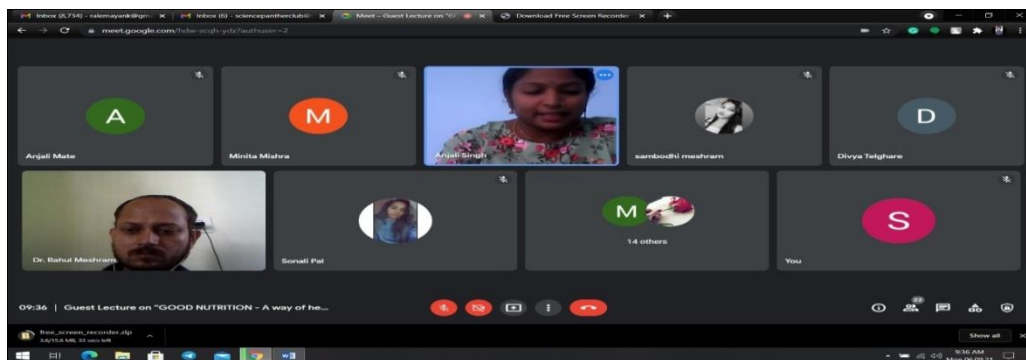
Department of Biochemistry DRB Sindhu Mahavidyalala strives hard for the overall development of students and hence conducts various activities along with regular teaching.

### GUEST LECTURES

1. Department of Biochemistry, Dada Ramchand Bakhru Sindhu Mahavidyalaya, has organized a guest lecturer on topic **Health Management through diet control** on 23<sup>rd</sup> December 2021 at 11.00pm. The guest speaker was Sachin Chandrakumar Narwadiya, Scientist D at Vigyan Prasar. He explained importance of balanced diet for healthy life. All the students have participated in the lecture with great zeal. He also explained application of Biochemistry in various fields like Molecular biology, Forensic science, Clinical Biochemistry, rDNA technology etc.



2. On 6<sup>th</sup> September (Monday) 2021, Department of Biochemistry of Dada Ramchand Bakhru Sindhu Mahavidyalaya, in collaboration with Science Panther Club Vigyanprasar NETWORK organized a guest lecture on topic Good Nutrition a way to healthy life at 9.30 am. The guest speaker was Anjali Singh, Demonstrator, office incharge, Ministry of Women and child Development, Food and Nutrition Board, Nagpur.



**SCIENCE PANTHER**

**National Nutrition Week**  
1 to 7 September 2021

Guest Lecture  
By

**Mrs. Anjali Singh**  
Demonstrator, office incharge,  
Ministry of Women and Child Development,  
Food and Nutrition Board, Nagpur.

ON

**“GOOD NUTRITION”**  
**A way of healthy life**

Organised by  
Science Panther Club with VigyanPrasar NETWORK  
& Department of Biochemistry, DRB Sindhu Mahavidyalaya

Date- 6 September 2021  
Time- 9:30 AM

To join  
Google Meet link [Click here](#)  
Youtube link [Click here](#)

## WORKSHOP

### Best from waste (Reduction of carbon footprints)

On 30<sup>th</sup> August 2021, Department of Biochemistry of Dada Ramchand Bakhru Sindhu Mahavidyalaya, in collaboration with Science Panther Club Vigyanprasar NETwork organized a workshop on best from waste (Reduction of carbon waste) at 12:45 pm– 1:45pm

Google Meet joining info

Video call link: <https://meet.google.com/wxj-qthp-ksy>

YouTube link below <https://youtu.be/BtLKV0KvXmo>.



**SCIENCE PANTHER**

**Science Panther & VigyanPrasarNETwork**  
With  
**Department of Biochemistry Organizes**

**ONLINE WORKSHOP ON**  
**Best From Waste**  
**(Reduction of Carbon footprints)**

Hey everyone !!! I hope all of you are fine. So here "we are with a thought to reuse the waste by some quick n tricky ideas" In this pandemic all of us get stucked in home so lets consume the time to make some good artifacts..... by spreading joy and happiness 🥰

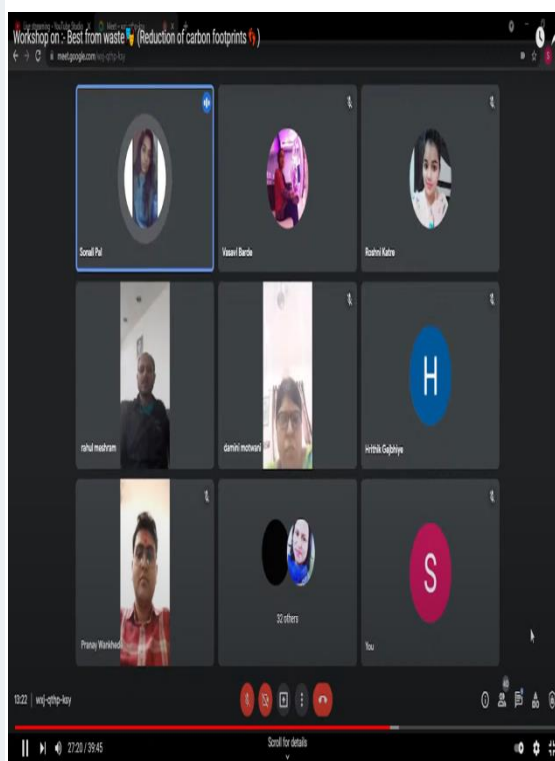
**Date: 30 Aug 2021**

I'm so glad that we crossed each other's path.

**REUSE THE PAST, RECYCLE THE PRESENT, SAVE THE FUTURE**

**ORGANIZING COMMITTEE**  
**SCIENCE PANTHER CLUB**

**REGARDS:**  
**TEAM 🙌**  
**#ARTWORK**



## NATIONAL CONFERENCE ON BASICS AND ADVANCES IN BIOLOGICAL SCIENCES

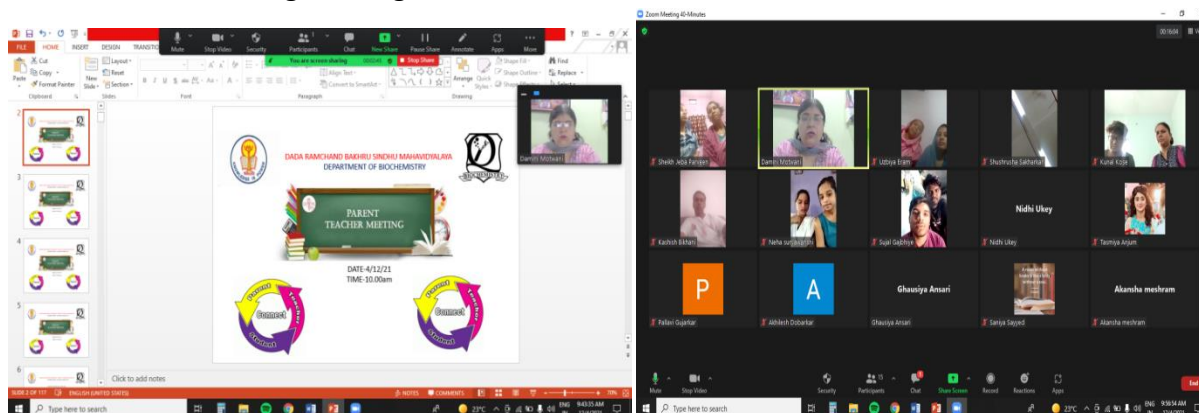
Department of Biochemistry along with departments of Zoology, Botany, Microbiology and Biotechnology of Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur organized National Conference on Basics And Advances In Biological Sciences in collaboration with Technology and Energy park RTM Nagpur University Nagpur and Global Biotech Forum Nagpur.

Overwhelming responses were received from different states of India for this conference Total 190 +Registration from various states,and 126papers were selected for 65 Oral and ---Poster Presentation.

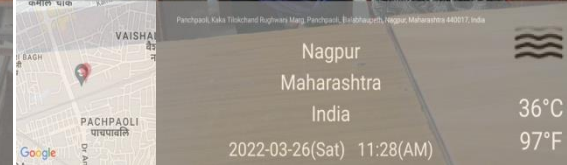
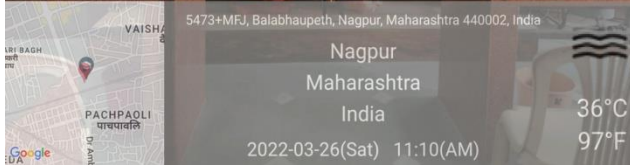
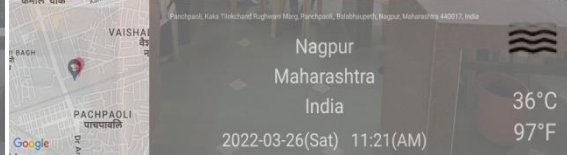
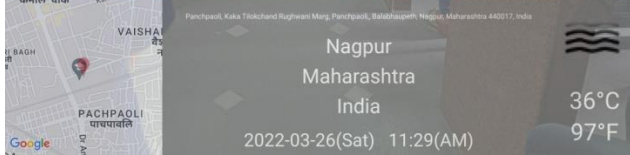


## Parent Teacher Meet

A Parent-Teacher meeting was held on 4<sup>th</sup> December 2021(Saturday) at 10a.m for semester I, III, and V. This meeting was organized in online mode.



A Parent teacher meet was organized on 26<sup>th</sup> March 2022 at 9.30 am for Semester II , IV and VI Students. During the interaction, parents were openly discussed with teachers and satisfied with their wards performance. Dr(Mrs) D.R Motwani, Dr. R. L Meshram, Dr( Mrs) and A.M. Chandak, were present and discussing with the parents.



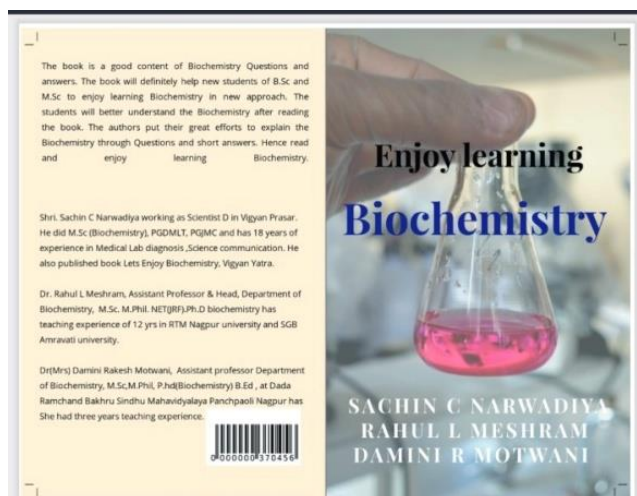
## Publications

1. Production and characterization of cellulose produced by *Aspergillus niger* cultured on wheat Pp.174-178 .International journal of Research and Biosciences, Agriculture and Technology (e-ISSN:2347-517x) Issue(18)june 2021

2. Challenges faced by working and solutions for their issues . (pp 1-4). B.Aadhar International peer-Reviewed indexed Research journal ISSN 2278-9308) Dec 2021

## Books Published

Enjoy Learning Biochemistry International publication Notion-Press ISBN9-888667058-5

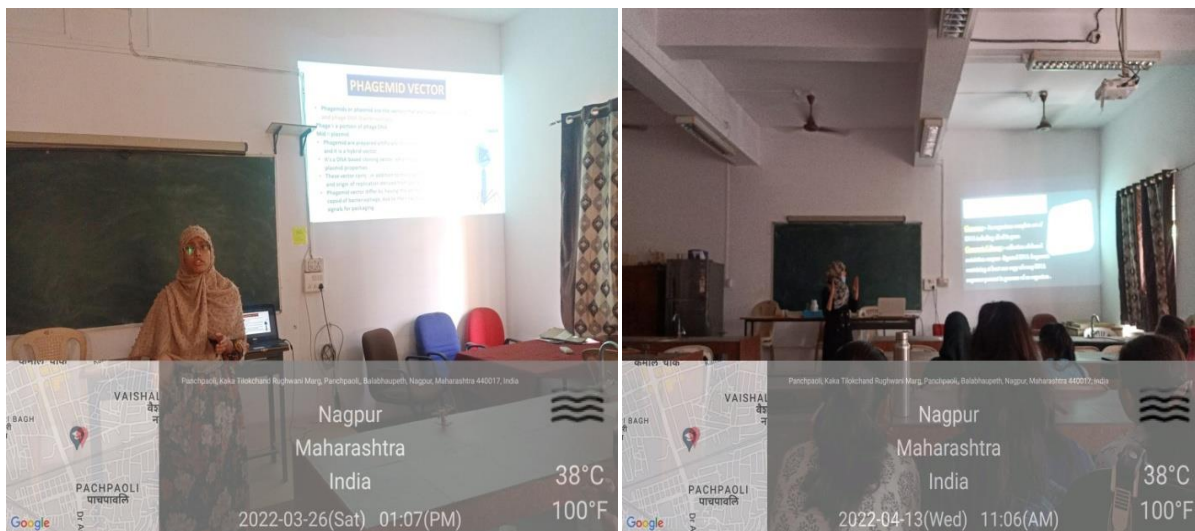


## Student Progression

Teaching staff of the department motivates the students to join higher education, post graduation after completing their UG. Every year some students join post graduation teaching department.

## ICT Practices

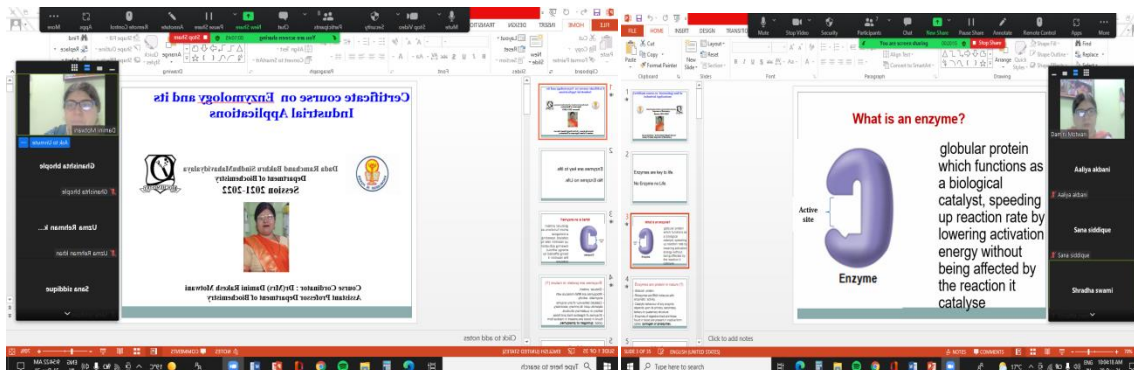
Department is regulating ICT mechanism for providing resources to the students. Students also gives power point presentations on various topics.



## Certificate Course

Department has conducted Certificate Course namely **“Clinical Biochemistry & Immunology”** and **“Certificate course on Enzymology & its industrial applications”**.

Students actively participated in the course. Classes and Practicals were conducted regularly.



## Wild Life Quiz Competition

Department of Biochemistry has organized intercolligate wild life quiz competition



## Mentor Mentee activity

On 21<sup>th</sup> Dec (Tuesday) 2021, Mentor Mentee Meeting (2021-22) was held for Department of Biochemistry in Biochemistry lab. All Mentee students were welcomed and asked for any kind of problems if they have. Many students had asked questions regarding their academic syllabus, examination and also they seek guidance for their career choices in the future.

Mentees university examination results were asked and guided by mentor to improve it.

Students also instructed about the upcoming intercollegiate competition and motivated to participate in it.





As a part of teacher Mentor activity, Department teachers help students to participated in various Intercollegiate activites like power point presentation, Quiz competition, poster competition etc.

## **TREE PLANTATION**

On 16<sup>th</sup> September (Thursday) 2021, Department of Biochemistry of Dada Ramchand Bakhru Sindhu Mahavidyalaya, in collaboration with Science Panther Club Vigyanprasar NETwork celebrated 'World Ozone Day'. On this day tree plantaion drive was organized in collage campus, at 12.30pm under the supervision of Dr R L Meshram, Coordinator of club. Dr. Rahul Meshram coordinator of the club has explained the importance of ozone layer for human life and welfare and also tell us about how to select the saplings of local variety species

for plantation like Mango, neem, jamun, tulsi and other perennial plants. Students planted many sapplings of perennial, herbs and also some fruit bearing plant.

Vice principal of our collage Dr. Milind Shinkhede and other teachers Dr.S Dange, Mr Rakesh Gedam, Dr(Mrs) Damini R. Motwani also participated in this tree plantation programme. About 20 to 25 students participated in this drive and take the oath that until we are studying in the college we'll make sure to take care of those sapplings and water them as per the requirements. The members of our club also plotted some plant sapplings in there surrounding area and also in there houses.

So here are the names of the students who actively participated in the drive: Sonali Pal, Sonam Sharma, Divya Namdev, Kunal Dongare, Minita Mishra ,Saloni Thakur, Kamal Dhariwal, Mayak Rale and many more.



## RAIN WATER HARVESTING



## Student Corner



## Winners of Street Play Competition



Blood donation camp



Workshop on artificial bird nesting



Joy of Giving





Students of Biochemistry departments participate in college NSS, Extension cell, Environmental cell, Rotary club and other social activities to create awareness among people.

## Result Analysis

Department of Biochemistry has given 100 percent result of Semester III and V during the session 2021-2022.