

Rayat Shikshan Sanstha's

**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**


**Research Promotion Committee**

**Linkages**

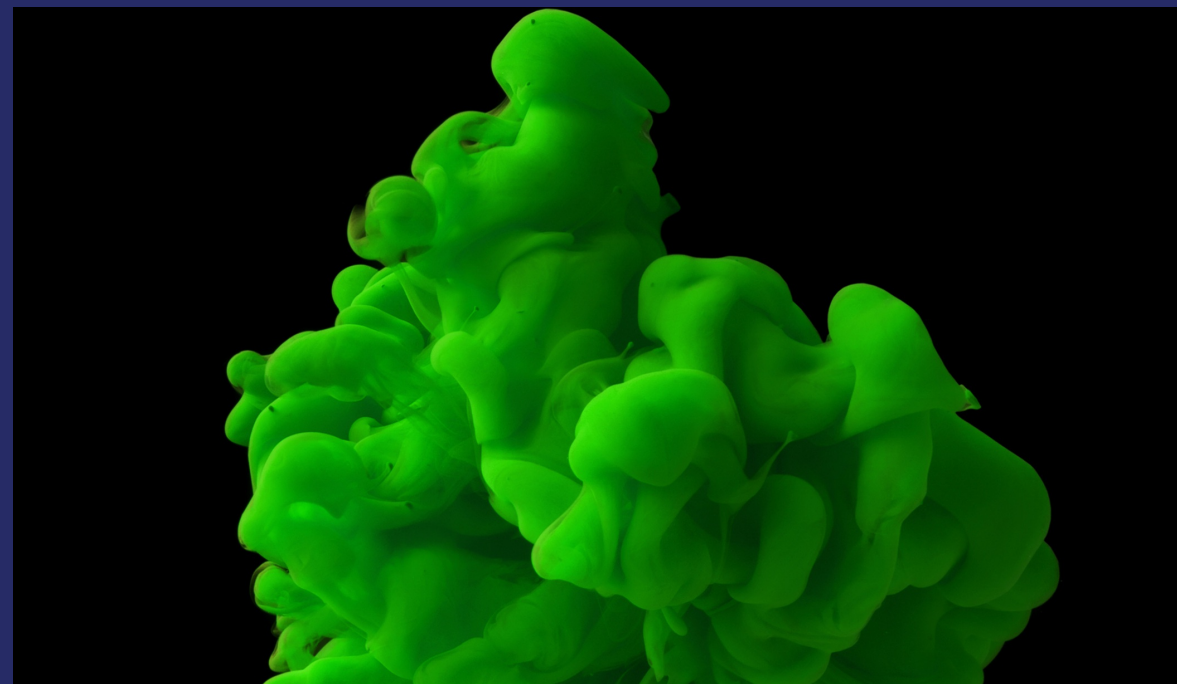
**(2021-2022)**

Sr. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Duration	Nature of the activity
1.	Research	Lambert Publishing	Prof. P. B. Piste	10	Publication
2.	Research	Editorial Department of Scieng Publications	A. B. Madavi	1 Year	Publication
3.	Training Programme	Patil group of companies, Patil thermoplastics palus, Dist- sangli	Students of Chemistry Department	3 Years	Training
4.	Soil & Water Analysis	KrantiAgrani G. D. Bapu Lad Sakhar Karkhana, Kundal	12 Students	5 Years	Training
5.	Night Camping For Meteor Shower Activity	Gurukul Sankulan Bambavade	Students of Physics Department	2 years	Hands on Training

  
Committee Chairperson

  
**Principal,**  
**Dr. Patangrao Kadam Mahavidyalaya,**  
**Ramanandnagar (Burli)**  
**Tal. Palus, Dist. Sangli.**

Approach to green chemistry is an essential aspect in academic and industrial research laboratories. Recent developments showed that, there are many challenges in environmental awareness and issues of sustainability in the world. So We have developed an operationally simple, inexpensive, one pot ,natural catalyzed synthesis of Chalcone by taking a view of green approach. The Book is divided in to III chapters. Introduction to Chalcones is described in chapter-I. The II chapter deals with review of Literature ,In the III chapter, experimental methods for Natural catalyzed synthesis of Chalcone under solvent free condition are described. The content of this book will be very useful to UG and PG students of any University. It will be beneficial to Scientists and especially in Pharmaceutical industry. We would like to extend our thanks and appreciation to Solapur University and Shivaji University, Kolhapur for Spectral Interpretation. We take opportunity to thank to Principal Dr. L.D. Kadam for providing necessary facilities and encouraging us. Finally, we are Very grateful to LAP LAMBERT Academic publishing , Germany to undertake this assignment and for their good support. AUTHOR



Pravina Piste  
Samarth Patil



Pravina Piste, Ph.D.: Studied Heterocyclic Chemistry at Shivaji University, Kolhapur. Professor in Chemistry at Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli), Sangli India. Teaching at Graduate and Postgraduate level for over twenty years. No. of Research papers has been published in National and International Journals with great impact factor.



# Natural Catalyzed Synthesis of Chalcone Under Solvent Free Conditions

Synthesis of Chalcones as an intermediate in Organic Synthesis

Pravina Piste, Samarth Patil





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## ACCEPTANCE LETTER

**DATE OF ISSUE: 18/11/2021**

**AUTHOR'S NAME: MS. ASHA BUDHARAM MADAVI**

**ARTICLE ID NO: SP2104**

**PAPER TITLE: Biodiversity and tourism development in the Kas Plateau**

### **SUB: ACCEPTANCE LETTER**

Dear authors,

It's my pleasure to inform you that you're Chapter/ Paper has been accepted with content unaltered to publish with Edited Book

**“ ENVIRONMENT CONSERVATION ,CHALLENGES THREATS IN CONSERVATION OF BIODIVERSITY ”**

With Best Regards,

**EDITORIAL DEPARTMENT**

**SCIENG PUBLICATIONS**

**AUTHORIZED SIGNATORY**

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## ACCEPTANCE LETTER

DATE OF ISSUE: 05/04/2022

**AUTHOR'S NAME ASHA BUDHARAM MADAVI**

**ARTICLE ID NO: SP2226**

**PAPER TITLE : ENVIRONMENTAL IMPACT OF BRICKS MAKING PROCESS IN UMBRAJ AND MASUR AREA**

### **SUB: ACCEPTANCE LETTER**

Dear authors,

It's my pleasure to inform you that you're Chapter/ Paper has been accepted with content unaltered to publish with Edited Book

**" ENVIRONMENT CONSERVATION ,CHALLENGES THREATS IN CONSERVATION OF BIODIVERSITY Volume-III "**

With Best Regards,  
EDITORIAL DEPARTMENT  
SCIENG PUBLICATIONS

**AUTHORIZED SIGNATORY**

#### REGISTERED OFFICE:

SCIENG PUBLICATIONS, JANANI ILLAM, MANIYAKAR STREET, ANUMANDAI, MARAKKANAM TALUK, VILLUPURAM DISTRICT, TAMILNADU 604303.

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Rayat Shikshan Sanstha's

**Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar(Burli)**

**DEPARTMENT OF CHEMISTRY**

**One Day Training Programme on**

**"Employability Skill Development and campus Drive"**

**Date: 11 May 2022**

### **REPORT**

The Department of Chemistry and placement cell in collaboration with IQAC Organized **One Day Training Programme on "Employability Skill Development and campus Drive"** on 11<sup>th</sup> May 2022 For B.Sc.III and M.Sc. Students on the occasion of Science and Technology day . The Inauguration function was felicitated by an auspicious hands of Mr.Prasad Patil (CEO, Patil Thermoplastic Industry) as a chief guest of this function and President of this program Hon.Principal Dr. L. D. Kadam by paying floral tribute to the founder of Rayat Shikshan Sanstha's Late Padmabhushan Dr. Karmaveer Bhaurao Patil and Late Dr.Patangrao Kadam .The aims and objectives of this program was to give guidance on their right career path , knowledge about soft skills, Interview technique and entrepreneurship development.

In this program, Mr. Prasad Patil has given guidance for Career counseling, business ideas and Startups for UG and PG students, who did the best to make the function a great success. About 100 students were participated in the program. The program was presided over by Hon. Principal Dr. L. D. Kadam and given guidance on need of entrepreneurship development and its requirements by using innovative technology. The Head of the Department of Chemistry and Placement cell officer Prof. Dr. P. B. Piste, introduced the program and delivered her welcome address. She provided all the information about the departmental activities that conducted for UG and PG students.

In this function, The book entitled 'chemvision 'was published by the auspicious hands of Chief Guest Mr.Prasad Patil . Then discussion session was also there. At the end of the program, Mr.V.R. Bhosale, PG Co-coordinator has given vote of thanks to all dignitaries, staff members and all participants for their well cooperation in making the program a grand success.

Second session was started with interview of UG and PG students for their placement. About 22 Students were participated and interviewed. It was the first experience for the all students to face the campus Interview. In this Campus drive, only one of candidate was selected as per requirement of the said Industry. We congratulate all the students for their exceptional performance and wish them all the best in their future endeavors. We are immensely grateful to Patil Thermoplastics, Industrial Estate. Reaffirmed their faith in the student of our college by providing them with desired roles and opportunities.

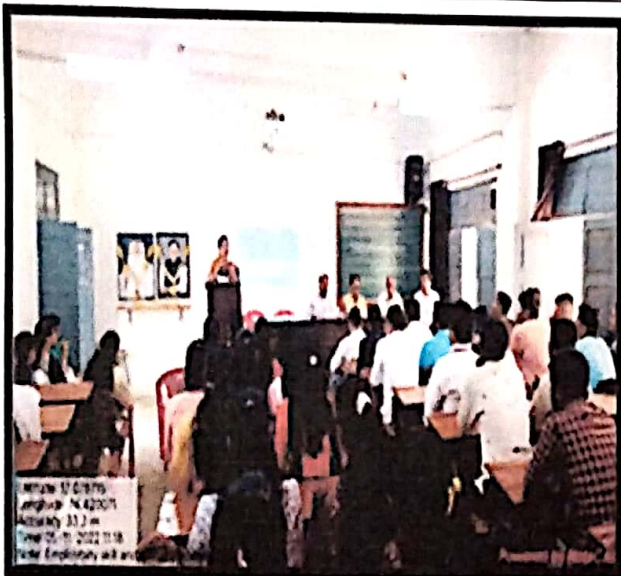
## Photo Gallary



Inauguration by offering floral tribute to Hon. Dr. Karmveer Bhaurao Patil and Hon. Dr. Patangaraoji Kadam



Inauguration of "chemvision Book" by Auspicious hands of Industrialist Mr. Prasad Patil

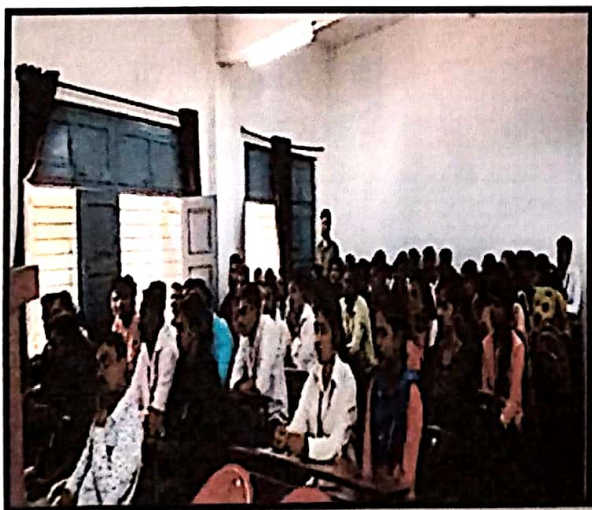


**Introduction Speech delivered by Prof.Dr.P.B.Piste**



**Mr.Prasad Patil (CEO Patil Thermoplastic)Chief Guest delivering his speech**

\*\*\*\*\*



**Discussion Forum with Students**



**Interview session**



**Campus Interview for UG and PG Students by Patil Group of Industry**

*P. V. R. Bhosale*

**Mr. V. R. Bhosale,  
PG Co-ordinator**

*P. B. Piste*

**Head of Dept.  
Prof. Dr. P. B. Piste  
Department of Chemistry  
Head of The Department  
Dr. Patangrao Kadam Mahavidhyalaya,  
Ramanandnagar (Burli)**

*D. D. Kadam*

**Hon. Prin. Dr. L. D. Kadam,  
Principal  
Principal,  
Dr. Patangrao Kadam Mahavidhyala,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.**

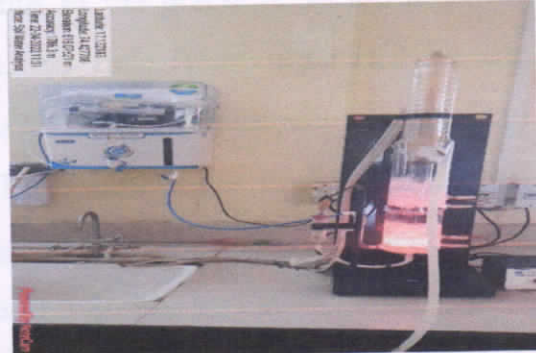
**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
*Geography Department*  
***Study Visit – Kundal Sugar Factory***  
***Tal. Palus, Dist. Sangli***  
**Soil Analysis**

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The field survey part of the syllabus of the practical. In the practical most important factors is Soil Examine. So field Visit organized by the Department of Geography dated on 22/04/2022. The department arrange field Visit to going to KrantiAgrni Dr. G. D Bapu Lad Sugar Factory Analytical Laboratory Kundal, Tal- Palus, Dist- Sangli. In this activity 12 students were participated. Soil Sample tool, soil analysis and Soil Report study, is the part of our visit. The successfully origination was done by Dr. Khade A.S Head of Geography Department.

In this study we concluded the summery of the soil examine. It is necessary process for every farmer of land lord, because after the particular time soil has lost the some factor. So soil examine for the pH value and other parameters. When we got the report of soil we conservation of soil degradation. We provided the important and needed factor which one is compulsory to crops fertility. We have known how much pH value of the soil. If less 7 pH which factor is causes and pH more of 7 is which factor are causes. After knowing we maintain the factored and provide composed fertilizer in a land.

## Analytical Laboratory



*Khade*  
Head

Department of Geography

*Khade*  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli

**Rayat Shikshan Sanstha,  
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli).  
Department of Physics  
2021-22  
NIGHT CAMPING FOR GEMINID METEOR SHOWER  
& SKY OBSERVATION**

**REPORT**

To witness the heavenly Geminid Meteor shower and for sky observation Department of Physics had organized a sky observation activity for students of **B. Sc I, B. Sc II and B. Sc III** (Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)) on 11<sup>th</sup> December 2021 as an extension activity at Gurukul Sankul, Bambavade. The event was inaugurated by Head of the Department Dr. G. R. Patil. While addressing the students Event Co-ordinator Ms. N.J. Kamble highlighted importance of Geminid meteor shower in Physics community and various other activities conducted by department of physics for enriching students skills and understanding of Physics.

In this activity, guidance on sky watching and reading was given by an invited team of Space enthusiasts viz; research Scholars in space science Mr. Nagesh Kothawle, Mr. Shridhar Kamble, Mr. Sunny Gurav from Space Science Lab, Department of Physics, Shivaji University, Kolhapur, Ms. Sakshi Nigavekar, Ms. Neha Chavan, Ms. Aarati Kokate, Ms. Pratiksha Shinde from School of Nanoscience and Technology, Kolhapur; Mr. Samyak Sambodhi, Mr. Amol Kamble, Mr. Anand Wadhawe from Space Science Lab, Department of Physics, Shivaji University, Kolhapur.

Major constellations like big dipper, Cassiopeia, Ursa major; Andromeda Galaxy and Pleiades and Hyades star clusters, Brightest Star Beetlejuice were shown. An 6 inches telescope was used for focusing Mars, Saturn, Jupiter and Venus in the skies. Various reasons for meteor shower were told meanwhile. After guidance about Sky reading and working of telescope and its principle of focusing student started Meteor shower observation activity. Meteor Shower activity was conducted till sunrise.

The valedictorial function was conducted the next morning. It was presided by Mr. Jitendra Sankpal (Founder, Gurukul Sankul, Bambavade). He guided students about importance of excelling in various skills for career development and endurance. Event Co-ordinator Dr. N. J. Kamble, Mr. Prashant Bhagyawant looked after management of the activity.

**Outcomes :**

1. A scientific attitude for observing activities occurring all around was built in students.
2. Students received hands on training of handling a telescope for space activities.

**Beneficiaries :**

A total of **07** Students from third year Physics and Gurukul Sankul Bambavade were present for the sky observation event.

  
Event Co-ordinator

  
Head,  
Department of Physics  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)

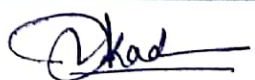
  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.



Image of moon captured through telescope



Inauguration of Sky observation event



Event coordinator Ms. N. J. Kamble guiding students



Experts team and Students with telescope



Valedictory fuction of night sky observation



Space enthusiast Mr. Samyak Sambodhi guiding students

Rayat Shikshan Sanstha's

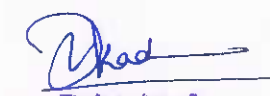
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Research Promotion Committee**

**Workshops/Seminars Conducted On Research Methodology, IPR And Entrepreneurship  
(2021-2022)**

Name of the workshop/ seminar	Number of Participants	Date From – To
One Day workshop on Innovative Ideas for Poster, Model and Project	189	08/01/2022 to 08/01/22
One Day webinar on Boosting of research Visibility through emerging Research Profiling tools	129	29/01/2022 to 29/01/22
Poster, Model Competition	128	09/03/2022 to 09/03/2022
One Day workshop on Research and Methodology	60	11/04/2022 to 11/04/22
One Day National Seminar on IPR Awareness Programme	177	20/04/2022 to 20/04/22

  
Committee Chairperson

  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Research Promotion Committee**  
**2021-2022**  
**“Innovative Ideas for Poster, Model and Project”**

**Report**

In the academic year 2021-2022 the Science Association & Research promotion committee organized the One day Workshop on the occasion of Inauguration of Science Association. With the intension to develop scientific attitude and to promote research culture among the students and faculty members an Inauguration of Science Association in Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) dated on 8<sup>th</sup> January 2022. On this occasion, expert lectures were arranged which further followed by a posters, model and Project. This workshop was successfully organized by Science Association & Research promotion committee, in collaboration with IQAC of the college. **“Innovative Ideas for Poster, Model and Project”** in these programme Dr. Sudhir Kumbhar was present as a Chief Guest & Resource person and Hon. Dr. L.D. Kadam, Principal of Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) was the President of the function.

The programme was commenced by offering floral tribute to the photos of Dr. Patangrao Kadam. After that Environmental conservation oath took by the all participants. The prologue was done by Mr. Umesh Shelke Chairman of Science Association. He elaborated the science importance and research

importance in our life. Then he Introduced the resource person Dr. Sudhir Kumbhar and their work in research.

Dr. Sudhir Kumbhar guided students regarding preparation of research poster. He explained every single aspect of poster designing with environmental aspects. He delivered a very enlightening lecture on topic **"Innovative Ideas for Poster, Model and Project"**. He discussed man and environmental relation with the science aspect.

Presidential remarks were given by Hon. Principal L.D.Kadam Sir explained development in science aspect and what about display in poster, model and research project. Vote of thanks proposed by Ms Asha Madavi Chairperson of Research promotion committee. Ms. Sneha Wagh does compeering of the programme. In this programme total 189 students and 29 faculties present in the workshop. Workshop was conducted under guidance of Hon. Principal and with cooperation of committee members.

**Outcomes:-**

1. Students are encouraged to think scientifically and scientific attitude is rooted.
2. Participants become well acquainted with design of research project & posters.
3. Students have more Idea get from poster exhibition.

**Beneficiaries: -**

Total 189 Student  
and 29 faculties &  
committee members


  
Chairperson

Research promotion committee



  
Chairman

Science Association

  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.

**Science Association & Research Promotion Committee**  
**A webinar on "Innovative Ideas for Poster, Model and Project**

**2021-2022**

**Photos**



**Inauguration of a webinar by offering floral tribute**



**Felicitation of Chief Guest with bouquet**



**The prologue was done by Mr. Umesh Shelke  
Chairman of Science Association**



**Dr. Kumbhar presenting the information  
regarding Research**

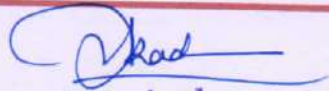


**Dr. Kumbhar presenting Research drafting**



**Presidential remarks by Hon. Prin. Dr. L. D.**



  
**Principal,**  
**Dr. Patangrao Kadam Mahavidyalaya,**  
**Ramanandnagar (Burli)**  
**Tal. Palus, Dist. Sangli.**

**Rayat Shikshan Sanstha's  
Dr.Patangrao Kadam Mahavidyalaya ,Ramanandnagar (Burli)**

**Report of**

One day institutional level webinar for teaching faculty and students on  
“Boosting of Research visibility through emerging Research profiling tools” on  
Saturday 29<sup>th</sup> January 2022.Organized by Department of Library with IQAC

The department of Library with IQAC of the college had organized a One day institutional level webinar for teaching faculty and students on “Boosting of Research visibility through emerging Research profiling tools” on Saturday 29<sup>th</sup> January 2022 .Organized by Department of Library with IQAC.

The program was inaugurated by Principal Dr. L.D. Kadam with a tribute to the founder of institution Padmabhushan Dr.Karmaveer Bhaurao Patil and Late Shree Patangrao Ji Kadam.” Dr.Namita P. Patil Librarian gave the prologue of webinar and introduction of resource person.

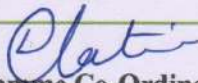
The purpose to organized the webinar was to awareness among the teaching faculty and students about the “Research Visibililty”. Resource person Dr. Shalini R.Lihitkar, Associate Professor Department of LISc, Rashtasant Tukadoji Maharaj Nagpur University,Nagpur. described the research visibility tools, like Google Scholar, Scopus, Orcid etc. She also explain the H-Index and impact factor of Journals Principal Dr. L.D. Kadam sir gave the presidential remark they said that research is important for social development and personal development and all should do the research for their filed of Assistant Prof. Mr. Gavari, D.P. delivered the vote of thanks.

**Output of workshop**

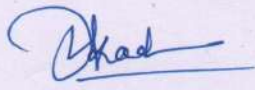
1. To increase a paper's visibility, accessibility.
2. To improve the quality of the article title and keywords
3. To search and analyse the right journal to submit.
4. To disseminate the publications by using “Research Tools” in order to increase citation
5. To trace the citation.

**Beneficiaries**

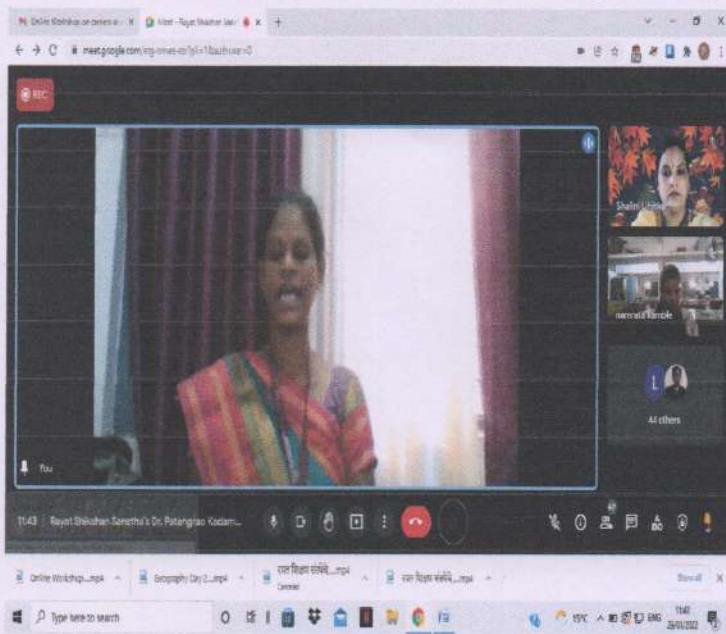
Total no. of teaching faculty, non-teaching staff and students :129

  
Programme Co-Ordinator  
Dr.Namita P. Patil



  
Principal,  
Dr. Patangrao Kadam Mahavidhyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.

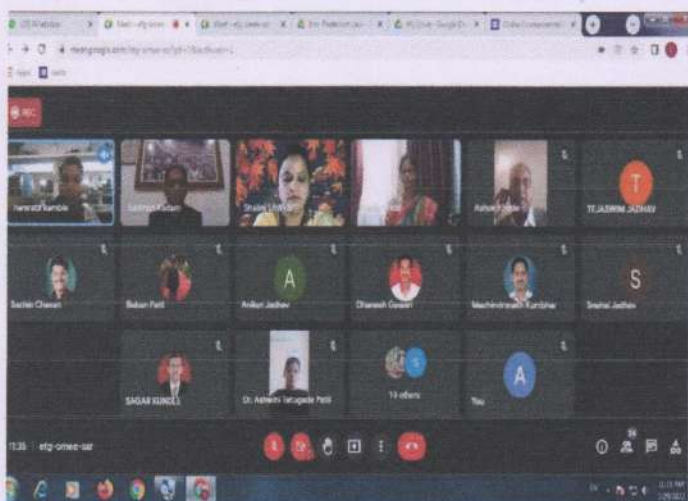
Photos of "Boosting of Research visibility through emerging Research profiling tools" on Saturday 29<sup>th</sup> January 2022 Organized by Department of Library with IQAC



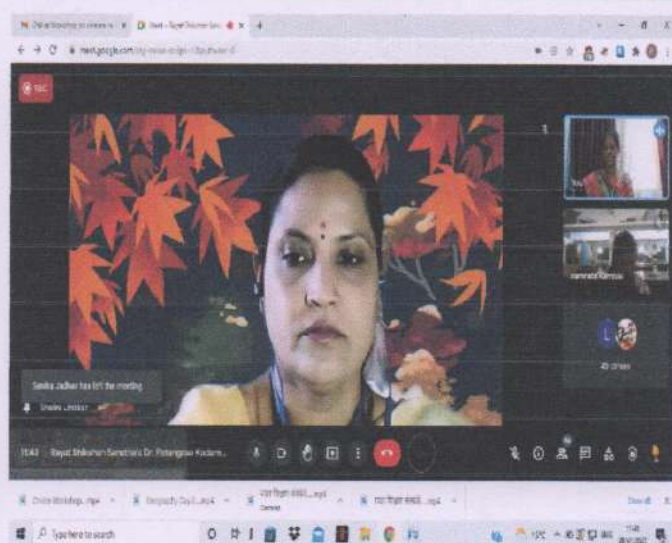
Dr.Namita Patil Librarian gave prologue and introduction of resource person.



Principal Dr .L .D. Kadam gave presidential address.



Teaching faculty and Students participated in Boosting of Research visibility Webinar.



Resource Person Dr. Shalini R .Lihitkar, a gave details the research visibility tools.

  
Programme Co-Ordinator  
Dr.Namita P. Patil



  
Principal,  
Dr. Patangrao Kadam Mahavidhyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's  
**Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)**  
**Science Association Committee in collaboration with IQAC**  
**Organized**

**"POSTER MODEL COMPETITION" 9<sup>TH</sup> MARCH 2022 on the occasion of**  
**National Science Day 2022**  
**[2021-2022]**

National Science Day is celebrated every year on February 28; the day when CV Raman discovered the Raman Effect, a phenomenon in spectroscopy. CV Raman discovered the Raman Effect in 1928 while working in the laboratory of the Indian Association for the Cultivation of Science, Kolkata, which helped him in winning the prestigious Nobel Prize in 1930.

The theme of national science day 2022 is '**Integrated approach in science and technology for sustainable future**'. With the intension, to develop scientific attitude and to promote research culture among the students and faculty members, a National Science Day has celebrated in Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar dated on 09<sup>th</sup> March 2022. On this occasion, expert lectures were arranged which further followed by a Poster and Model competition.

This event was successfully organized by Science Association committee in collaboration with IQAC of the college. In these program guest lectures of renowned personalities is organized. Dr.M.V.Takale, (Shivaji University Kolhapur) was the chief guest of function, and Hon. Prin. Dr. L. D. Kadam, Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli) was the President of the function.

The program was commenced by offering floral tribute to photos of Dr. C. V. Raman, Dr. Karmveer Bhaurao Patil and Dr. Patangrao Kadam. The prologue was done by member of science association, Dr. Gauri Patil. She elaborated the history of science day and introduced the chief guest of function.

Dr. M. V. Takale delivered a very enlighten lecture on topic "**Stellar Evolution**". He discussed about formation of universe, life stages of stars, HR diagram and its implications.

Presidential remarks were given by Honourable Principal Dr. L. D. Kadam. He explained development in science. Vote of thanks proposed by member of science association Ms.

**[Poster-Model Competition organized by Science Association Committee 9<sup>th</sup> March 2022]**

Sneha Wagh, Dr. Ashwini Tatugade does Compeering of the program. Afterthese Expert lectures dignitaries Inaugurated the poster and Model competition. Students of all faculties participated in it. Total 60 posters and 19 models were presented by the students. Total 93 students and 35 teachers were participated in the program.

#### Outcomes-

- 1) To spread a message about the importance of Science
- 2) To create scientific temper in the students

**Beneficiaries: 128**

**Total: - 93 students and 35 teachers**



Karmaver Pratima Puian



Felicitaiton of Chief Guest Dr. V.M. Takale by Prin.



Introductory speech by Dr. Mrs. G.R. Patil



Expert Guidance to the participants

**[Poster-Model Competition organized by Science Association Committee 9<sup>th</sup> March 2022]**



Felicitation of students



Participants



Presidential Speech by Hon. Prin. Dr. L. D. Kadam



Vote of thanks by Miss. S.W. Wagh



Model Examination



Model Examination

[Poster-Model Competition organized by Science Association Committee 9<sup>th</sup> March 2022]



Poster examination



Poster examination



Poster examination



Participants

(Mr. U. S. Shelke)

**Chairman**  
**(Science Association Committee)**

Dr. L. D. Kadam

**Principal**

[Poster-Model Competition organized by Science Association Committee 9<sup>th</sup> March 2022]

Rayat Shikshan Sanstha's  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Tal. Palus, Dist. Sangli.**

**One Day Workshop**

On

**“Research Methodology”**

Organized by

**Research Promotion Committee in collaboration with Internal  
Quality Assurance Cell (IQAC)**

**On 11<sup>th</sup> April 2022**

## **Workshop Report**

In the academic year 2021-2022 the Research Promotion Committee organized the One day Workshop on **“Research Methodology”** in collaboration with IQAC dated on 11<sup>th</sup> April 2022 with the intension to develop scientific writing and to promote research culture among the students and faculty members. On this workshop, expert lectures were arranged in three session. Which further followed by a **Research Publication, Scientific Writing and Research Metrics**. In the Workshop **Dr. Nivas M. Desai** (S.G. M. College, Karad.), **Dr. Shakil D. Shaikh** (Y. C. I. S., Satara.) and **Dr. Abhijeet G. Mulik** (S.G. M. College, Karad.) was present as a Resource persons and **Hon. Prin. Dr. L.D. Kadam**, (Principal of Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) was the President of this function.

The workshop has started at 11.00 a.m. By offering the floral tribute to the Images founder of Rayat Shikshan Sanstha Padmabhushan Dr. Karmaveer Bhaurao Patil and the Dr. Patangrao Kadam by all the dignitaries. After that the prologue was done by Ms. Asha Madavi Chairperson of Research Promotion Committee. She elaborated the importance of research in our life or in a society also.

Presidential remarks were given by **Hon. Principal L. D. Kadam** Sir explained Research publication, Research writing and Research metrics in a Research Methodology aspect and what about focus on research paper and research project.

Mr. Vikas Bhosale introduces the resource person of the first session **Dr. Nivas M. Desai** (S.G. M. College, Karad.). After that the Dr. Nivas Desai gave the information about the “**Writing Research Paper and Research Publication**” step by step. Every research not for us but some time it’s for society. So we select research based on need of society. Dr. Ashok Khade introduce the resource persons of the Second session **Dr. Shakil D. Shaikh** (Y. C. I. S., Satara.). He talked on the “**Scientific writing**” Methods and techniques used in research writing process. With the simple and convenient way of the students. Mrs. Pratibha Pudale introduce the resource persons of the third session **Dr. Abhijeet G. Mulik** (S.G. M. College, Karad.). He talked on the “**Research Metrics**”. How to calculate your research? Which metrics you used? Which Methods and techniques used in research Metrics calculate process? Every aspect explain in simple way.

Vote of thanks proposed by Mr. Satish Maske. Ms. Namrata Kamble does compeering of the workshop. In this workshop total 26 students and 34 faculties present. Workshop was conducted under guidance of Hon. Principal and with cooperation of committee members.

**Outcomes:-**

1. Students are encouraged to think scientifically and scientific attitude.
2. Participants become well acquainted with design of research project & papers.
3. Student get aware about the writing of Research paper and research metrics method.


**Beneficiaries: -**

Total 26 Student  
and 34 faculties &  
committee members

  
Chairperson

Research Promotion Committee



  
Principal,  
**Dr. Patangrao Kadam Mahavidyalaya,**  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.

# Research Promotion Committee in collaboration with Internal Quality Assurance Cell (IQAC)

Organized

## One Day Workshop on "Research Methodology"

11<sup>th</sup> April 2022

Photos



### INAUGURATION OF A WORKSHOP BY OFFERING FLORAL



Felicitatation of Resource Persons with bouquet



The prologue was done by Ms. Asha Madavi



The Introduction of 1<sup>st</sup> session Resource Person was done by Mr. Vikas Bhosale



Dr. Nivas Desai presenting the information regarding Research Writing & Publication





The Introduction of 2<sup>nd</sup> session Resource Person was done by Dr. Ashok Khade



Dr. Shakil Shaikh presenting the information regarding Scientific Research Writing



Dr. Abhijeet Mulik 3<sup>rd</sup> Session presenting the information regarding Research Metrics



Presidential remarks by Hon. Prin. Dr. L. D. Kadam



Ms. Namrata Kamble does compeering of the workshop.



Vote of thanks proposed by Mr. Satish Maske.

  
Chairperson

Research Promotion Committee



  
Principal,

Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burl)  
Tal. Pakur, Dist. Gadgil.

Rayat Shikshan Sanstha's  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
Tal. Palus, Dist. Sangli.

**One Day National Seminar**

On

**“IPR AWARENESS PROGRAMME”**

(Under National Intellectual Property Awareness Mission)

**Organized by**


**Government of India**

Ministry of Commerce and Industry, Department for Promotion of Industry and Internal  
Trade Office of the Controller General of Patents, Designs and Trade Marks

**In collaboration with**

**Research Promotion Committee, NSS &  
Internal Quality Assurance Cell (IQAC)**

On 20<sup>th</sup> April 2022



## **Seminar Report**

Research Promotion Committee in collaboration with NSS, IQAC of Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) and **Government of India**, Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade Office of the Controller General of Patents, Designs and Trade Marks organized a Seminar on theme “**IPR Awareness Programme**” (Under National Intellectual Property Awareness Mission), dated on 20 April, 2022 at 10.30 am. A seminar was organized offline mode with the intension to aware participants regarding **Intellectual Property Rights** and how to innovate and protect their creation and invention across the India in form of patent. In this activity a guest lecture by a renounced personality is organized especially for the teaching staff and students. These activities help the students for research and encourage the students for knowledge of Patents Laws and patent act. However most of the students do not get the platform to present their basic research idea or product.

**Hon. Mr. Jatin J. Durve**, (Examiner of Patents & Designs, Patent Office, Mumbai) was the Resource Person and **Hon. Dr. L. D. Kadam, Principal**; Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli) was the President of the function. The program was commenced by offering floral tribute to Padmabhushan Dr. Karmveer Bhaurao Patil and Dr. Patangrao Kadam. The prologue was done by Ms **Asha Madavi**. She explained need of filing patent and think new about research. After that Dr. A. S. Khade introduced the Resource person of the Seminar.

**Mr. Jatin J. Durve** delivered a very enlightening and motivating lecture. During lecture, he clarified various concerns as what is Patent? What does patent do? He also has thrown light on patentable matter. He also explained what prior Act is and how to go through the searching process before filing a patent, patent laws and patent act. He Explained steps in drafting and filing patent. He discussed complete patenting process with a case study. With the various video he explains everything with the easy way. His lecture was followed by question answer session. The student is motivated by a guest lecturer in the session.

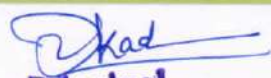
Presidential remarks were given by Honorable **Principal Dr. L. D. Kadam** sir. He expressed his views regarding patenting process. He also encouraged teachers and students to file patent with innovative ideas. Give some example and how to be aware about our research. Vote of thanks proposed by member of National Service Scheme **Dr. K.B. Bhosale. Ms. Namrata Kamble** does Compeering of the Seminar. Around 137 students and 40 teachers participated in this Seminar. Seminar was conducted under guidance of honorable Principal and with cooperation of committee members.

Outcomes:-

1. Participants were get well acquainted with patent filing & drafting process.
2. Participants get motivated to put forth innovative ideas in form of patent.
3. Students are encouraged to think scientifically and scientific attitude.

Beneficiaries: -  
Total 137 Students  
and 40 faculties

  
Chairperson

  
**Principal,**  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.

# Research Promotion Committee in collaboration with Internal Quality Assurance Cell (IQAC)

Organized

## One Day National Seminar on "IPR Awareness Programme"

20<sup>th</sup> April 2022

Photos



Felicitation of Resource Persons with bouquet



The prologue was done by Ms. Asha Madavi



The Introduction of 1<sup>st</sup> session Resource Person was done by Mr. Vikas Bhosale



Presidential remarks by Hon. Prin. Dr. L. D. Kadam



Mr. Jatin J. Darve presenting the information regarding IPR



Mr. Jatin J. Darve Communicate to Audience



Faculty Audience



Students Audience



Question & Answer Session



Students Participate in Question & Answer Session



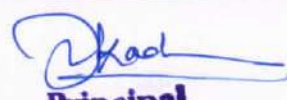
Faculty (Dr. Patil U.V.) Participate in Question & Answer Session



Vote of thanks proposed by Dr. K.B. Bhosale.

  
Chairperson

Research Promotion Committee

  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burl) Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
Tal. Palus, Dist.-Sangli



**ONE DAY NATIONAL SEMINAR  
ON**

**"IPR AWARENESS PROGRAMME"**

**(Under National Intellectual Property Awareness Mission)**

**Organized by**

**Government of India**

**Ministry of Commerce and Industry**

**Department for Promotion of Industry and Internal Trade**

**Office of the Controller General of Patents, Designs and Trade Marks**

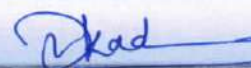
**In collaboration with**

**Research Promotion Committee, NSS & Internal Quality Assurance Cell (IQAC)**

*Date : 20<sup>th</sup> April 2022, Time: 10.30, Venue : Auditorium*

Inauguration	:-	By Dignitaries
Prologue	:-	Ms. Asha Madavi
Presidential Speech	:-	Dr. L. D. Kadam (Principal)
Introduction	:-	Dr. Ashok Khade
Title	:-	"IPR - Awareness Programme"
Resource Persons	:-	<b>Mr. Jatin J. Darve</b> (Examiner of Patents & Designs, Patent Office, Mumbai.)
Vote of Thanks	:-	Dr. Kakasaheb Bhosale
Anchoring	:-	Miss. Namarta Kamble

*Thank You*



**Principal,**  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.



Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks



In collaboration with  
Research Promotion Committee, NSS  
&  
Internal Quality Assurance Cell (IQAC)  
Of



Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli



ONE DAY NATIONAL SEMINAR

ON

**IPR AWARENESS PROGRAMME**

(Under National Intellectual Property Awareness Mission)

Date : 20/04/2022

Time: 10.30 am.

Venue: Auditorium



**Subject Expert**

**Mr. Jatin J. Darve**

Examiner of Patents & Designs, Patent  
Office, Mumbai.



**President**

**Dr. L. D. Kadam**

Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli).

**Convener**

**Prof. P. B. Piste**

**Head**

**Department of Chemistry**

**Co- Convener**

**Mr. U.S. Shelke**

**IQAC, Co-ordinator**

**Co-Ordinator**

**Ms. Asha Madavi**

**Research Promotion Committee**

  
**Principal,**

**Jr. Patangrao Kadam Mahavidyalaya,**  
**Ramanandnagar (Burli)**  
**Tal. Palus, Dist. Sangli.**

**Organization Committee**

**Dr. T. S. Bhosale**

**Dr. K. B. Bhosale**

**Dr. A. S. Khade**

**Mrs. P.D. Pudale**

**Ms. N. G. Kamble**

**Mr. B. D. Patil**

**Mr. S. A. Maske**

Rayat Shikshan Sanstha's  
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)  
Department of Physics  
2021-22

**A Report on Industrial Visit**

**Date-06/04/2022**

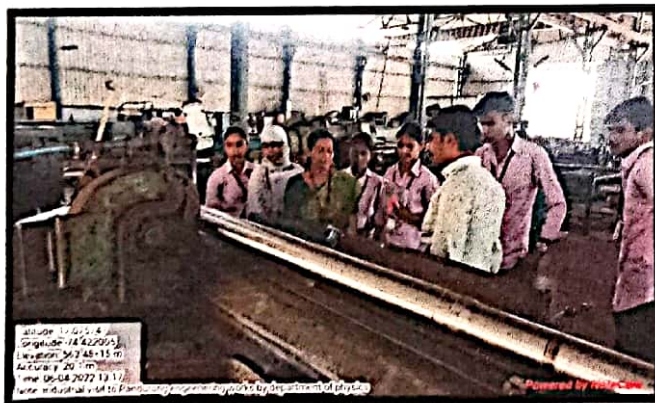
On 6<sup>th</sup> of April 2022, Department of Physics organized a one day industrial visit to Pandurang Engineering Works, Burli under Industry-Academia Memorandum of Understanding. Total 7 students and 2 faculties visited Pandurang Engineering works situated near college.

In this industrial visit student of our department saw various machines used to make Shaft, Bearing and other Machine parts. It helped students in understanding the mechanism of how machines are handled and how various part required as per order of company are designed and constructed.

In this industrial visit students were given information of utilization of their knowledge and skills for development of industrial sector of nation. Such activity is useful to interact the Technical and industrial officials and to acquaint students with need of industry sector.

**Outcomes –** 1. To prepare the student as per required skill in industry.  
2. To understand the advanced technique used and required industries.

**Beneficiaries - 07**  
Students of Third year  
Physics



Supervisor Mr. Vijay Waingade explaining working of machinery at Pandurang engineering



Dr. G.R. Patil, Mr. P.K. Bhagyawant along with B.Sc. III Physics Students.

*Patil*  
Head,

Department of Physics  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)

*Kadam*  
Principal,

Dr. Patangrao Kadam Mahavidhyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.



रयत शिक्षण संस्थेचे

डॉ. पतंगराव कदम महाविद्यालय, रामानंदनगर (बुर्ली)

ता. पलूस. जि. सांगली



दि. २५ मे २०२२

## भूगोल विभाग

### सहल वृतांत

डॉ. पतंगराव कदम महाविद्यालय, रामानंदनगर (बुर्ली) या महाविद्यालयातील भूगोल विभागाची शैक्षणिक सहल दि. २५ मे २०२२ रोजी आयोजित केली होती ही सहल सांगली जिल्ह्यातील यशवंतराव चव्हाण वन्यजीव सागरेश्वर अभयारण्य व सागरेश्वर मंदिर येथे जाऊन आली. या सहलीमध्ये एकूण १० विद्यार्थी पैकी १ विद्यार्थिनी व तीन शिक्षक (पैकी एक शिक्षिका) सहभागी झाले होते.

बी. ए. भाग- ३ भूगोल विषयासाठी शिवाजी विद्यापीठ अभ्यासक्रमानुसार प्रात्यक्षिक पेपर साठी सहल ही अनिवार्य आहे. या सहलीमुळे विद्यार्थ्यांना भौगोलिक घटकांचा अभ्यास करता आला. हा सहलीचा उद्देश पूर्ण झाला

**निष्पत्ती:** विद्यार्थ्यांना भौगोलिक घटकांचा अभ्यास करता आला.

**लाभार्थी:** १०



सागरेश्वर मंदिर



सागरेश्वर मंदिर



सागरेश्वर अभयारण्य



सागरेश्वर अभयारण्य



*Khad*  
Head,  
Department of Geography  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramnandnagar (Burli)

*Khad*  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramnandnagar (Burli)  
Tal. Pals, Dist. Sangli



Rayat Shikshan Sanstha's,

**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli).**

**Department of Botany**

**A REPORT OF  
'ONE DAY INDUSTRIAL VISIT'**

Date: 23/04/2022

Place of visit: Mushroom Production Unit at MIDC,  
Sandagewadi, Palus Dist. Sangli.

Date: 23<sup>rd</sup> April 2022.

A batch of 2<sup>nd</sup> & 4<sup>th</sup> semester students of B.Sc. I & B.Sc. II of Department of Botany along with faculty Miss. Sneha Wagh, Head, Department of Botany and Dr. Vaishali Basugade visited Mushroom Production Unit at MIDC, Sandagewadi, Palus Dist. Sangli. This visit was mainly focussed on to understand the procedures involved during Mushroom Farming, the technology and the equipment's used.

Students were able to learn oyster mushroom farming and also it is helpful for to create small business ideas among our rural students.

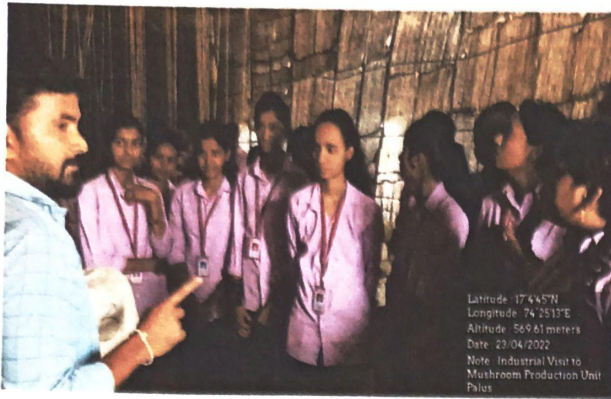
**Outcomes:**

1. Students were known the procedures of Mushroom Farming
2. Also about requirements for Mushroom Farming

**Beneficiaries:**

Students of B. Sc. I and B. Sc. II

# One Day Industrial Visit to Mushroom Production Unit at MIDC, Sandagewadi, Palus Dist. Sangli.



Owner of Production unit explaining the Procedure



Production members, our staff and students



Students with staff and Production Manager



Bulk production of Mushroom

*T. J. J. B.*

Head of Dept.  
Department of Botany  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)



*Chad*

Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.



Rayat Shikshan Sanstha's,  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar  
(Burli).**

## Department of Botany

Date: 23/04/2022

### A Report of Nursery Visit

As a part of Syllabus prescribed by the Board of Studies in Botany, Shivaji University, Kolhapur the department of Botany had organized Botanical Visit for the B.Sc. – I, II classes.

A visit was held to the **Krishna Nursery**, at Sandagewadi Tal.- Palus Dist: Sangli for the students by the Department of Botany. The Department of Botany runs a value added course on Nursery Techniques. This was the best opportunity for the students to learn such techniques practically. This visit has helped to encourage the students to start their career in this field also they got the filed knowledge. The students learned about the management of plants, organization of plants, in the garden.

This visit were also enhancing the employable skills, employability, self- dependency of students.

#### Outcomes:

1. Students got to learn practical knowledge of the Nursery Techniques.
2. Students got to know new species of various indoor and outdoor plants viz., Mango, Guava, Rose, *Michelia champca*, some Gymnospermic plants etc.
3. The students get motivated to establish their own nursery so that they will earn for their future.

**Beneficiaries:** Students of the Department=52



Mr. Krishna showing some nursery techniques



Staff member of Nursery giving information of Plants



Students observing the plants



B. Sc. I and B. Sc. II students at Krishna Nursery



Nursery visit by Students of Department of Botany

*[Signature]*

Head of Dept.  
Department of Botany  
Dr. Patangrao Kadam Mahavidhyalaya,  
Ramanandnagar (Burli)



*[Signature]*

Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.