





Education through self-help is our motto- **KARMAVEER**

Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya,

Ramanandnagar (Burli) Tal.Palus Dist. Sangli 416 308 (Maharashtra)

Affiliated Shivaji University, Kolhapur

Founder: Padmabhushan Dr. Karmaveer Bhaurao Patil (D.Litt)

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3.4.1

Extension activities are carried out in the neighbourhood community, sensitizing students to social issues, for their holistic development and impact thereof

Extension Activities carried out by academic departments 2023-2024

Index

Sr. No.	Activities Conducted	Documents
1	Importance of Hindi Language in Management of Learning Process	view
2	Geographical Aspects for the teaching method	
3	Market Survey on Household Chemicals	
4	Field Visit to Local Governance	
5	Students Participation in International Seminar	
6	School Connect Programme	
7	Vedic Mathematics for Competitive Examinations	
8	Hands on training programme	
9	Guidance to 10 th Board Exam Facing Students	
10	Awareness Program about Gas Safety	
11	Nature Photography Competition	
12	School Students Visit to Laboratory	





Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli).

Department of Hindi

"Extension Activities"

Report

Date: ²⁶24/12/2023

In the academic year 2023-2024 Department of Hindi in collaboration with Panchyat Samiti Palus, Tal. Palus, Dist. Sangli organized Extension activities on the **"Importance of Hindi Language"** with the intension to develop Hindi methods among the Teachers & students. This activity organized on the occasion of **"Management of Learning Process-Mision"** of the **Panchyat Samiti Palus, Sangli** dated on 23rd December, 2023.

The prologue was done by Mrs. Manisha Koli, He elaborated the Objectives and importance of that programme. Mrs. Nadaf Samin (Subject Expert) facilitate to all members.

Dr. K. B. Bhosale (Head of the Department of Hindi) guided to the teachers regarding teaching learning methods of Hindi subject. He explained every single aspect of learning methods of Hindi and importance of Hindi Language in teaching.

Presidential remarks were given by Mr. Arun Koli (Subject Expert, Panchyat Samiti Palus) he explained development in learning aspect and what about the importance of Management of Learning Process Mission. Vote of thanks proposed by Mr. Vikash Gurav.

In this activities 128 teachers are participated. Activity was conducted under guidance of Hon. I/C Principal (Prof.) Dr. U. V. Patil. Activity was successfully done with the support of committee members and Panchyat Samiti Palus.

Outcomes:-

1. To create awareness among the teachers in learning tools.
2. To identify the innovative ideas.
3. Teachers become well acquainted knowledge.

Beneficiaries: - 128
Teachers


Head
Dept. of Hindi




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

Photos



Prologue was done by Manisha Mali



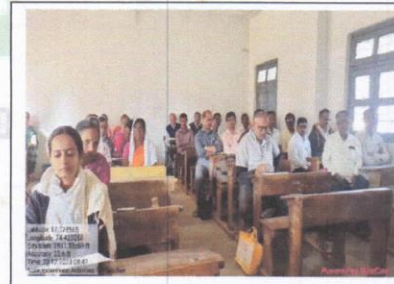
Dr. Bhosale K. B. Explain Ideas.



Presidential Speech by Arun Koli



Vote of Thanks done by Vikas



Teachers Participant

[Signature]
Head
Dr. Patangrao Kadam



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



Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli).

Department of Geography

"Extension Activities"

Report

Date: 26/12/2023

In the academic year 2023-2024 Department of Geography in collaboration with Panchyat Samiti Palus, Tal. Palus, Dist. Sangli organized Extension activities on the **"Geographical aspect for the teaching method"** with the intension to develop Geography methods among the Teachers & students. This activity organized on the occasion of **"Management of Learning Process- Mision"** of the **Panchyat Samiti Palus, Sangli** dated on 23rd December, 2023.

The prologue was done by Mrs. Manisha Koli, He elaborated the Objectives and importance of that programme. Mrs. Nadaf Samin (Subject Expert) facilitate to all members.

Mrs. A. B. Madavi (Department of Geography) guided to the teachers regarding preparation of various Geography tools of teaching learning methods. She explained every single aspect of learning methods of online tools designing with valuable aspects. How to making moodles of learning tools. Which contents most important? First identify after that explain.

Presidential remarks were given by Mr. Arun Koli (Subject Expert, Panchyat Samiti Palus) he explained development in learning aspect and what about the importance of Management of Learning Process Mission. Vote of thanks proposed by Mr. Vikash Gurav.

In this activities 128 teachers are participated. Activity was conducted under guidance of Hon. I/C Principal (Prof.) Dr. U. V. Patil. Activity was successfully done with the support of committee members and Panchyat Samiti Palus.

Outcomes:-

1. To create awareness among the teachers in online learning tools.
2. To identify the innovative scientific ideas.
3. Teachers become well acquainted knowledge with the design of Modul.

Beneficiaries: - 128
Teachers

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

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

Photos



Prologue was done by Manisha Mali



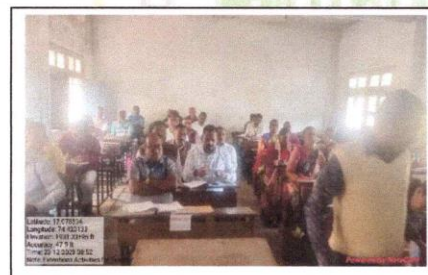
Mrs. A. B. Madavi Explain her Ideas.



Presidential Speech by Arun Koli



Vote of Thanks done by Vikas



Teachers Participant

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

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

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Chemistry
Report on
Market Survey on Household Chemicals

8th March 2024

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) Department of chemistry last seven years conducting a short-term course 'Preparation of Household chemicals'. The duration of this course is 3 months. In this year 39 students were admitted to this course. Total 100 marks course having three papers i) Basic concept of Household chemicals ii) Mechanism, precaution and cleaning action of household chemicals iii) Practical paper. After completion of this course Students can prepare these chemicals and start their own business. To start their own business, they must know about the market condition. The purpose of this survey is to build up the marketing and communication skill to get self-employed.

To study the market demands students visits the general stores, medical stores in their surrounding and makes one survey about the quantity required per month. According to survey get the knowledge about hoe much household chemicals is required in their specific area. By knowing this information, they can start prepare these solutions at home and after that own business they can start. Two students of our department Kartik Arbune and Samarth Patil have started his own business of these chemicals. In this year students also made this survey got information by visiting the shops and made a survey on paper.

No. of Beneficiaries -
39

Outcomes-

- Students get deep understanding of market dynamics.
- Students gets new market opportunities.



Market Survey Done by Students

Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar, (Barli)
Department of Chemistry
Marketing Survey 2023-24

Name Of the Student - Sahil chandrakant Waingonde


Sr. No.	Name of the Shop	Liquid Phenyl / Month	Sanitary Acid / Month	Liquid soap / Month	Sign / Seal
1	Jashashri medical Palus	10 Liter	14 Liter	4 Liter	
2	NDS city medical Palus	8 Liter	10 Liter	2 Liter	
3	पारस मेडिकल युवती	13 Liter	10 Liter	8 Liter	
4	Shree Borjai medical Palus	7 Liter	8 Liter	4 Liter	
5	Vaishali Medical Kundal	3 Liter	4 Liter	5 Liter	

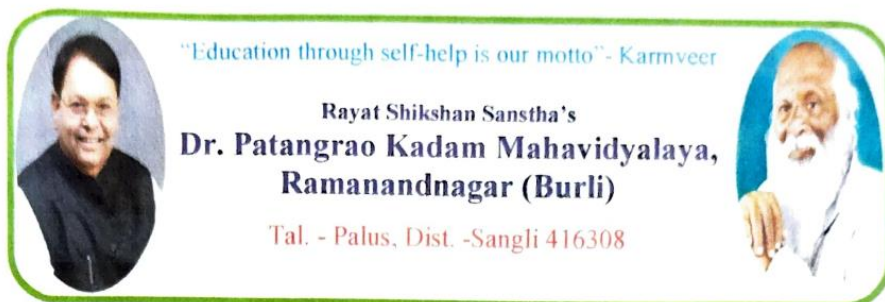
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar, (Burla)
Department of Chemistry
Marketing Survey 2023-24

Name Of the Student - Sunay Suresh Pisal

Sr. No.	Name of the Shop	Liquid Phenyl / Month	Sanitary Acid / Month	Liquid soap / Month	Sign / Seal
1	पोलिक्का किराना स्टोअर	10 liter	5 liter	2 liter	पोलिक्का किराना स्टोअर पुणे
2	महादेव स्टोअर	5 Liter	2 liter	4 liter	महादेव स्टोअर पुणे
3	आकरी किराना स्टोअर	7 Liter	4 Liter	3 Liter	आकरी किराना स्टोअर पुणे
4	संजिवनी मेडिकल कंस्टोअर	12 Liter	9 Liter	5 Liter	संजिवनी मेडिकल कंस्टोअर पुणे
5	विजया मेडिकल सेंटर	6 Liter	8 Liter	2 Liter	विजया मेडिकल सेंटर पुणे




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



Department of Economics

Dt. 22/02/2024

Report of 'Field visit to local governance'

As a part of syllabus a group of students with Dr. Smt. P. B. Patil, Dr. A. S. Kamble and Mr. S. R. Kundle visited to the Gram Panchayat Punadi, Tal. Palus, Dist. Sangli at Thursday 22nd February, 2024 for the gain insights into the local governance structure and understand the budgetary processes involved. The primary goal of the visit was to provide students with a practical understanding of how Gram Panchayats manage their finances and allocate resources to address local needs. In this visit government appointed officer (Gram-sevak) was presented Gram Panchayat's budget, showcasing revenue sources, expenditure categories and allocation priorities. A notable portion of the budget was allocated to essential services like healthcare, education, and infrastructure development. The primary sources of revenue were identified as local taxes, government grants, and contributions from various state and central schemes. He also discussed challenges faced in revenue collection and strategies employed with us.

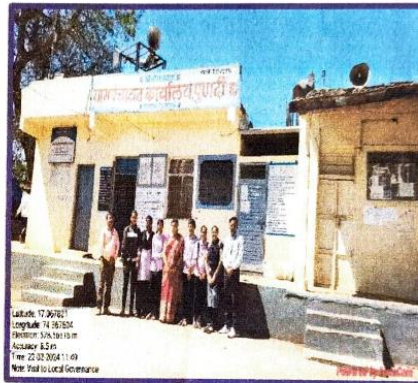
Expenditure was categorized into different sectors, with a focus on grassroots development. The allocation for education included funds for school infrastructure, teacher salaries and educational programs, reflecting a commitment to enhancing local education. The Gram Panchayat emphasized the importance of community involvement in decision-making processes, especially during budget planning. Residents had opportunities to voice their opinions during Gram Sabha meetings, influencing budget priorities that align with community needs.

Challenges such as limited funds, infrastructure gaps and bureaucratic procedures were acknowledged by the Gram Panchayat. Opportunities for improvement were identified, including exploring collaborations with local NGOs and leveraging technology for more transparent financial management.

Outcomes of the visit:

1. The field visit to Gram Panchayat Punadi provided students with valuable insights into the functioning of local governance and the intricacies of budgetary processes.
2. Students has been encourage through witnessing the commitment of the Gram Panchayat towards community development.
3. A deeper understanding among students regarding the significance of grassroots governance in driving positive change.

Beneficiaries = 26



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

Palk
I/C Principal,
Dr. Patangrao Kadam Mahavidhyalaya
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.





Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

Department of English

Student Exchange Activity

'Participation in International Seminar'

2023-2024

The students of the Department of English attended in One Day National Conference on Trends in English Language, Literature and Research organized by the Department of English Willingdon College, Sangli. This Conference was organized on 15th February, 2024. The students participated actively. The following are the details:

Sr. No.	Name of the Student	Class
1.	Sania Vajir Pathan	B.A.II
2.	Dhanashree Bapuso waghmare	B.A.II
3.	Snehal Anandrao Patil	B.A.II
4.	Pranali Madhukar Chavan	B.A.I
5.	Snehal Pandurang Chavan	B.A.I

Outcomes

1. Developed the skill of oral presentation.
2. Cultivated research aptitude among the students.

Beneficiaries

05




Head




I/C Principal




Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandanagar (Burli)
Department of English
Extension Activity- School Connect Programme
2023-2024

Dr. Patangrao Kadam Mahavidyalaya, Ramanandanagar (Burli) has organized One Day Workshop on School Connect Programme under the guidance of Shivaji University, Kolhapur. In charge Principal and Head of Department Prof. Dr. U.V. Patil guided about the new changes and implementation of National Education Policy in Dr. Patangrao Kadam Mahavidyalaya's Junior College, Ramanandanagar (Burli). Prof. Ms. S. N. Lavate worked as a Resource Person in Government ITI College, Datta Mal, Tasgaon. She expressed various aspects- Holistic Development, ABC, MEME, ODL, Credit System and IKS. Prof. S. D. Kamble also delivered a lecture on the implementation of NEP-2020. He also expressed his views on new, innovative and challenging tasks in NEP-2020.

Objectives	Outcomes
<ol style="list-style-type: none">1. To enable the Students to understand the changes in the present education system.2. To enable the student to accept and adapt new changes.3. To prepare the students to accept the challenging tasks.	<ol style="list-style-type: none">1. Students understood the changes in the present education system.2. It enabled students to accept and adapt to new changes.3. It prepared the students to accept the challenging tasks.


Beneficiaries- 300




Coordinator

Head




IC/ Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandanagar (Burli),
Tal. Patas, Dist. Sangli.



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



Department of Mathematics

Extension Activity (Vedic Mathematics for competitive examinations)

2023-24

- ❖ **Title of the Activity:** Inauguration of Extension activity of Vedic Mathematics for competitive examinations
- ❖ **Objectives:**
 - 1) To create an interest about learning Mathematics among the students.
 - 2) To develop the speed of calculations of the students.
 - 3) To develop the problem-solving skill with the help of the formulae in the vedic mathematics
- ❖ **Total Number of students participated in activity: 42**
- ❖ **Presentation of the activity:** Department of Mathematics, Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) has organized an Extension Activity (Vedic Mathematics for competitive examinations) from this year 2023-24. Our department has organized this activity on 01/03/2024. We organized Inauguration function in Nalanda Administrative Services Academy, Ichalkaranji. All faculties Miss. Priyanka Jirage, Head of the Department, Miss. Rohini Suryawanshi participated in this activity. After Inauguration Miss. P.D. Jirage, Head of the Department has delivered lecture on use of formulae in Vedic Mathematics to develop speed of calculations.
- ❖ **Outcomes of the activity:**
 - 1) It creates an interest about learning Mathematics among the students.
 - 2) It helps to develop speed of calculations in Mathematics for solving reasoning and aptitude.
 - 3) Students enjoyed the activity.



Felicitation at the time of inauguration.



Miss. Priyanka Jirage, Head, Dept. of Mathematics interacted with students.

P. Jirage
Head,
Department of Mathematics
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar, (Burli).



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



Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl).

Department of Geography

"Extension Activities"

Report

Date: 29/12/2023

In the academic year 2023-2024 Department of Geography in collaboration with Election Commission Palus, Tal. Palus, Dist. Sangli organized Extension activities on the **"Hands on Training Programme"** with the intension to aware and developed the students about the Election and how to operating the EVM machine. This activity organized for the newly enrolment of the Palus taluka dated on 29th December, 2023.

The prologue was done by Mr. Khade A. S (Head of the Department of Geography), He elaborated the Objectives and importance of that programme.

Department of Election Commission Palus, Tal. Palus, Dist. Sangli guided to the students regarding the EVM machine. He explained every single aspect of EVM machine, function and working methods of machine. How to you gave your valuable vote for the listed member. Which contents most important? First identify after that you vote.

After their guidance, he start the training to the students group wise. Students actively involved the hands on training. Students very happy with this training. Students given their feedback after completed the training. Presidential remarks were given by Dr. Patil G. R. (Vice. Principal of Physics Department) she conclude the experts view and about the training. Vote of thanks proposed by Mrs. Pudale P. D. (Vice. Principal of Commerce Department) .

In this activities 50 students & 5 Trainers are participated. Activity was conducted under guidance of Hon. I/C Principal (Prof.) Dr. U. V. Patil. Activity was successfully done with the support of committee members and Election Commission Palus, Tal. Palus, Dist. Sangli.

Outcomes:-

1. To create awareness among the EVM Machine.
2. To identify the Work of Commission.
3. Students become well acquainted knowledge with the

Beneficiaries: - 50
Teachers

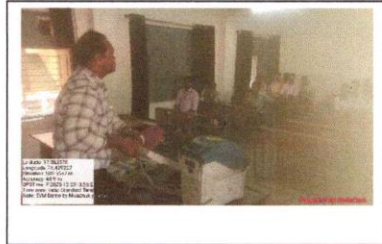
for
Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burl)

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

Photos



Prologue was done by Dr. Khade A. S.



Guided to Student about EVM



Hands on Training by Girls Students



Hands on Training by Boys Students



Participant



Participants Express their feedback

Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burla)

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

सोमवार दि. १२/०२/२०२४

सौ. लक्ष्मीबाई भाऊराव पाटील कन्या विद्यालयात मार्गदर्शन

अहवाल - २०२३-२४

(Extension Activity)

रामानंदनगर येथील सौ. लक्ष्मीबाई भाऊराव पाटील कन्या विद्यालयातील १० वीच्या विद्यार्थीनींना दि. १२/०२/२०२४ रोजी मराठी विभागातील प्रा. सुनिता थोरबोले यांनी 'इयत्ता दहावी बोर्ड परीक्षा व करिअरच्या संधी' या विषयावर मार्गदर्शन केले.

मुलींना बोर्ड परीक्षेबद्दल वाटणारी भीती घालविण्याचा प्रयत्न केला. तसेच १०वी नंतर पुढे काय? याबद्दल मार्गदर्शन करताना करिअरच्या विविध संधी कशा उपलब्ध होऊ शकतात यावरही सविस्तर माहिती दिली. हे व्याख्यान मुलींच्या दृष्टीने फलदायी ठरले.

निष्पत्ती : १. बोर्ड परीक्षेची भीती दूर करणे.

२. १०वी नंतरच्या करिअरबाबत विविध संधींची ओळख करून दिली.

लाभार्थी : 53

विषय - इयत्ता १०वी बोर्ड परीक्षा व करिअरच्या संधी

वक्ते - प्रा. सुनिता थोरबोले



प्रमुख,
मराठी विभाग
डॉ. पतंगराव कदम महाविद्यालय,
रामानंदनगर (बुर्ली), ता. पलूस, जि. सांगली.



प. प्राचार्य
डॉ. पतंगराव कदम महाविद्यालय, रामानंदनगर (बुर्ली)

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

Department of Physics

2023.-24

Awareness Program on Gas Safety

An awareness program on gas safety was organized in Rayat Shikshan Sanstha's Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) by Department of Physics and National Service Scheme (NSS) in collaboration with IQAC on 27th October 2023. The prologue of the session was expressed by Ms. A. B. Madavi. She elaborated the objectives and importance of gas safety awareness.

Mr. Yogesh Jadhav and Mr. Prakash Howal (Management officers of Gas suraksha Abhiyan) demonstrated the standard operating procedure of Liquid Petroleum Gas devices and safety measures to mitigate its effects. They elaborately explained the importance of using devices of standard quality in order to ensure safety. Participants actively participated in the demonstrations and their queries were answered by Mr. Yogesh Jadhav and Mr. Prakash Howal in the end of program. Vice Prin. Dr. K. B. Bhosale expressed presidential remarks on the session. Ms. N. J. Kamble offered vote of thanks. The awareness program was organized under guidance of Hon. I/C Principal Prof. (Dr) U. V. Patil.

Outcomes:

1. Participants were made aware of measures while operating LPG based devices.

Beneficiaries.


A total 40 teaching staff from all the faculties participated in the awareness program




Mr. Yogesh Jadhav and Mr. Prakash Howal demonstrating measures of safety while operating LPG devices.



Teaching staff present during gas safety awareness program.


Head
Dr. G.R. Patil




I/C Principal
Dr. U.V. Patil



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

DEPARTMENT OF ZOOLOGY

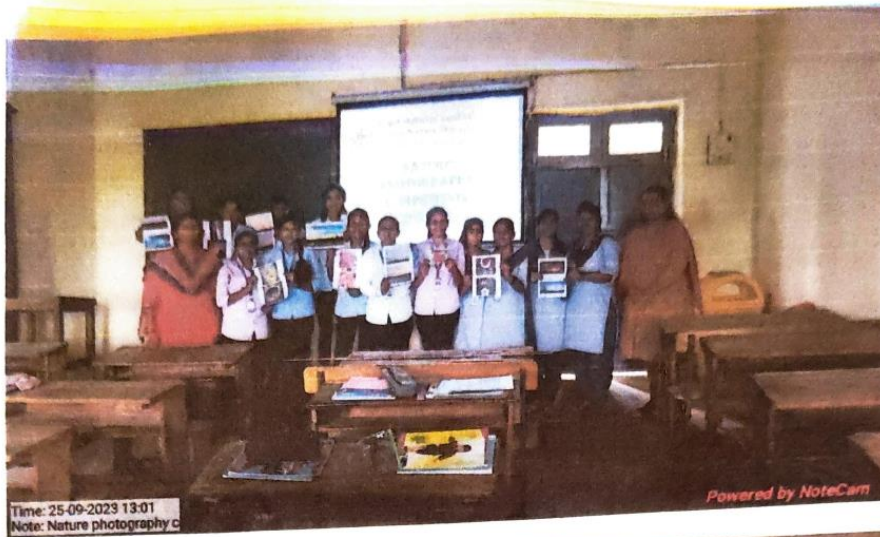
Nature Photography Competition 2023-2024

REPORT

Date: 25/09/2023

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli), Department of Zoology organizes "Nature Photography Competition" on 25th September 2024. The main purpose of this activity is to encourage appreciation and awareness of the natural world to foster conservation efforts.

The objectives of this activity is to encourage students to explore and capture unique perspectives of the natural world. Providing opportunities for photographers to share insights and knowledge about environment and its inhabitant. Students were sincerely took part in this college activity. A total 50 beneficiary's students participated in this activity. Mr. Abhijit Mane Assistant Professor, Head of Department of Zoology, Dr. Mrs. Ashiya Momin and Ms. Amruta Patil, Assistant Professor took great efforts for the fulfilment of this task.



[Signature]
Head of Dept.
Department of Zoology
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

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



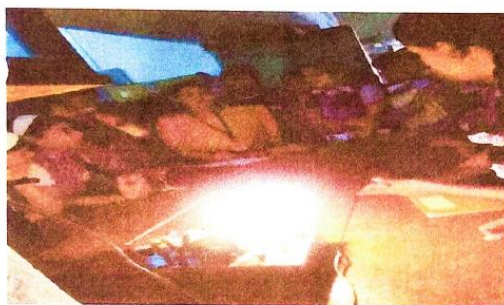
Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

Department of Physics (2023-24)

“High School student visit to Physics Laboratory”

Laxmibai Bhaurao Patil High School students visited Department of Physics on Research Promotion Committee in collaboration with IQAC, Organize “College level Avishkar competition” On Wensday, and 20th November 2023. The objective of this visit is to inculcate scientific attitude in their mindset. Total 80 students from 9th and 10th standard participated

Total four faculties from department of Physics Namely Dr. G. R. Patil, Mrs. N. J. Kamble, Mr. P. K. Bhagyvant, Miss. B. P. Jamdade demonstre various experiment in lucid language



Dr. G. R. Patil while demonstrating Melde's Experiment



Miss. N. J. Kamble while demonstrating Lissajous figures



Miss. B. P. Jamdade while demonstrating Ohm's Law

Head
Dr.G.R.Patil



Principal
Dr. G. R. Patil