

**KTSPM'S  
HUTATMA RAJGURU MAHAVIDYALAYA,  
RAJGURUNAGAR**

**SHORT-TERM COURSE  
On**

**“Basics in Nano sciences”**

**Organized**

**By**

**DEPARTMENT OF CHEMISTRY**

**(2022-2023)**

**REPORT**  
**SHORT TERM COURSE ON "BASICS IN NANO SCIENCES"**

**A.Y. – 2022-2023**

<b>Course Coordinator:</b>	Dr. Sunita Jadhav
<b>Duration:</b>	15/10/2022 To 22/10/2022 (35 Lectures)
<b>Applicable to:</b>	T. Y. B.Sc. and B.C.S.
<b>Total student strength:</b>	150
<b>Fees in rupees:</b>	700/-

**Brief Report:**

Department of Sciences, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, conducted a short term course for T.Y. B.Sc. and B.C.S. students on topic "Basics in nanosciences" for academic year 2022-2023 by online mode.

Dr. Shirish Pingale sir principal, Hutatma Rajguru Mahavidyalaya, inaugurated the course and guided the students. Short term course conducted by Dr. Sunita Jadhav as course coordinator during the period of 15 Oct. 2022 to 22 Oct. 2022 under the guidance of Principal Dr. Shirish Pingale sir.

1] Dr. Arindam Ghosh, Associated Professor and Head of Physics Department, Ramchandra Chandravanshi University, Bishrampur, Jharkhand.

2] Dr. Suryakant Sapkal, Research Faculty, JNEC Aurangabad.

- 3] Dr. Jayant Rathod, Assistant Professor, Department of Microbiology, Shardabai Pawar Mahila Mahavidyalaya Baramati.
- 4] Dr. Santosh Khillare, Assistant Professor, Department of Chemistry, Shardabai Pawar Mahila Mahavidyalaya Baramati.
- 5] Dr. Shivshankar Mane, Scientist, Polymer Science and Engineering Division, NCL Pune.
- 6] Dr. Ramesh Bhise, Associated Professor and Head of Physics Department, B.J.A.C.S. College Ale.
- 7] Prof. Vikas Deshmukh, Department of Physics, Hutatma Rajguru Mahavidyalaya Rajgurunagar, delivered guest lectures on Basics in Nanosciences.

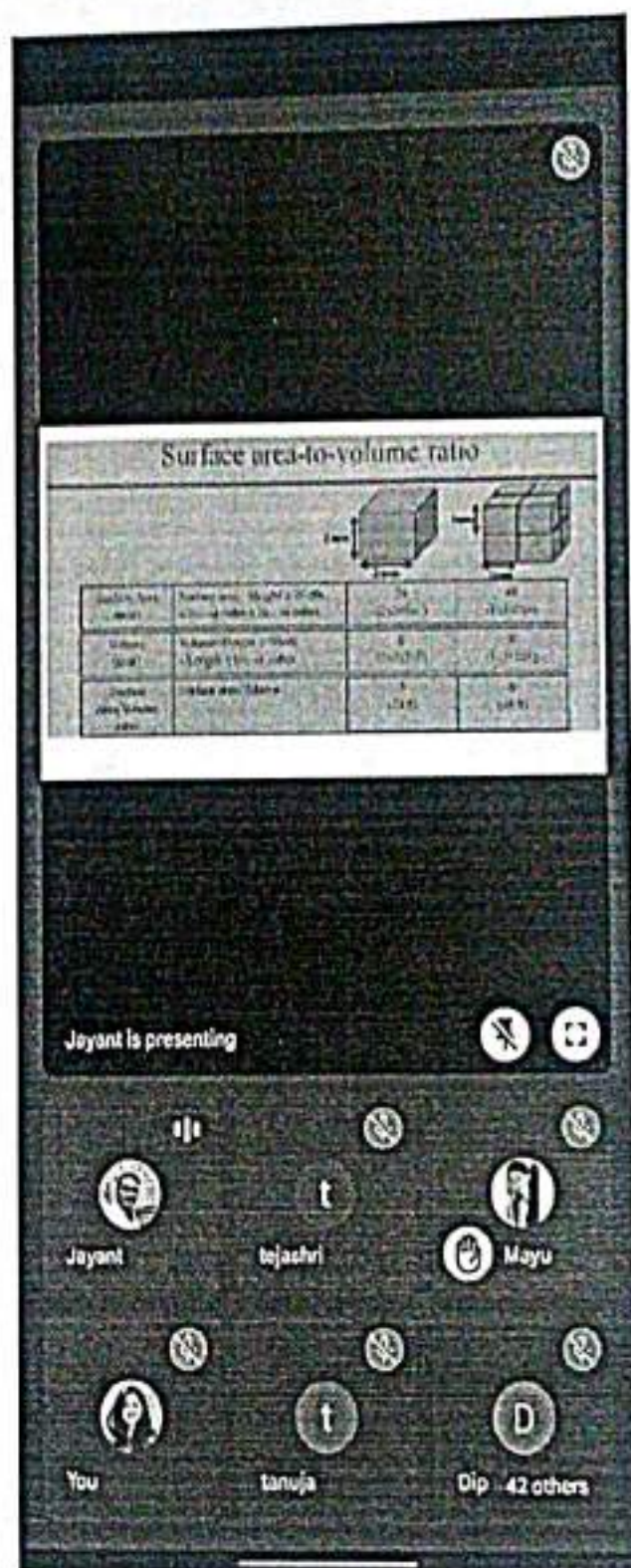
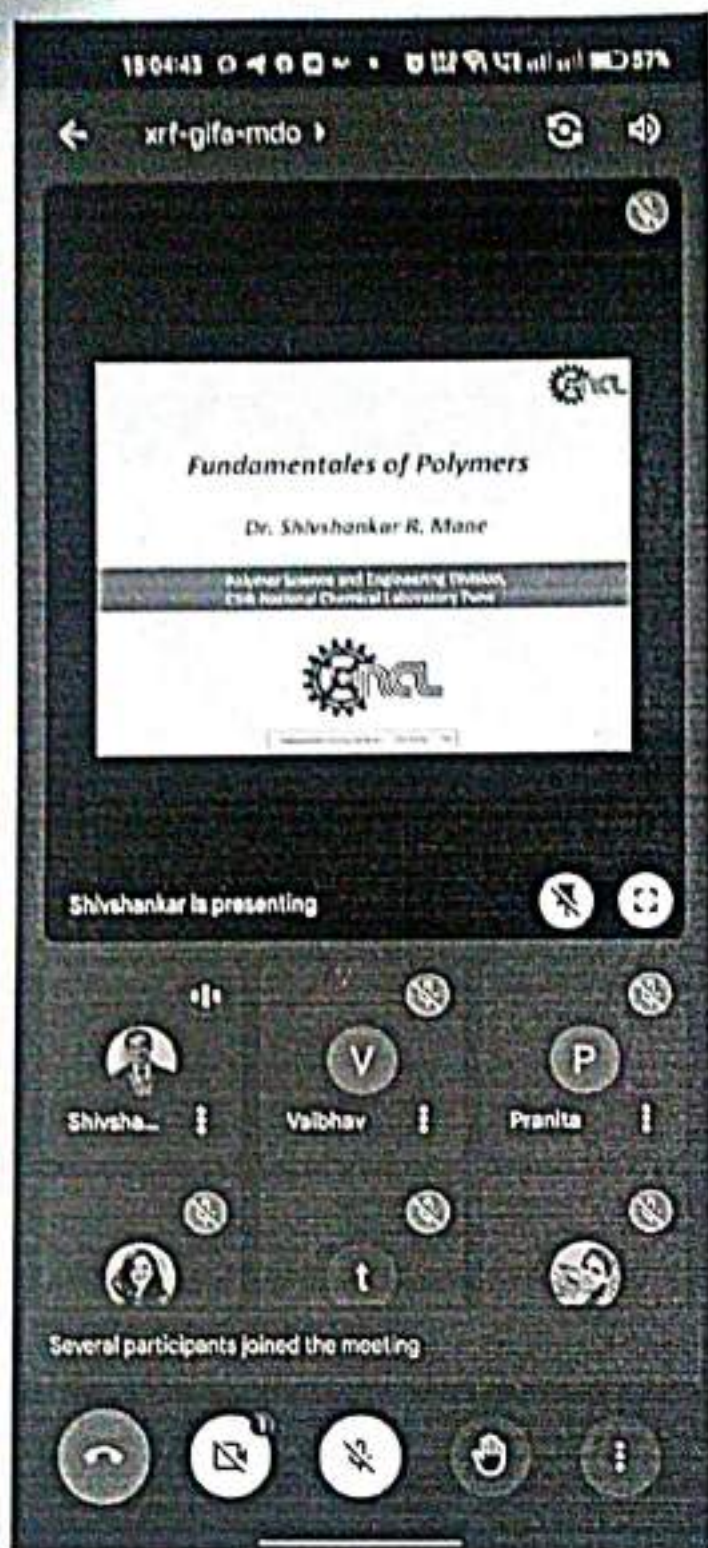
Dr. Sunita Jadhav and all teachers completed the syllabus on time. At the end of the course there was final examination conducted by online mode and all students successfully completed the course and got the certificates.

According to the student's feedback, they were understood the meaning of nano, difference in nano-range and micro-range also the functioning of smart materials. They were understood the distinct properties like electrical, magnetic, optical, thermal and mechanical properties of nanostructures. Students familiarized with spectroscopic, electrical, thermal and magnetic characterization techniques.

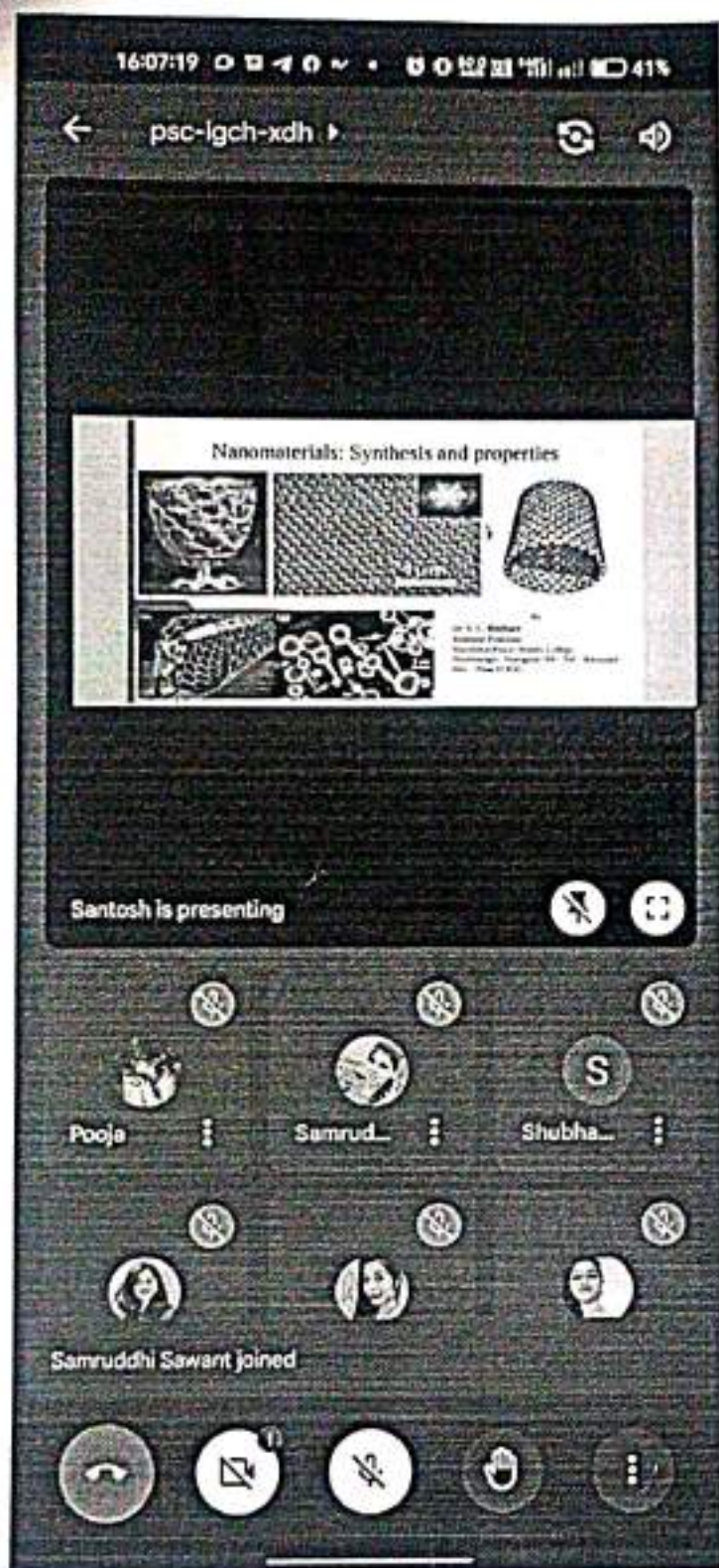
The course was successfully completed on time because of Principal Dr. Shirish Pingale sir, Vice Principal Dr. V. D. Kulkarni sir, Dr. Sunita Jadhav, Assistant Professor Department of Chemistry and Head of Science Departments and all teaching and non teaching staff of Hutatma Rajguru Mahavidyalaya Rajgurunagar.



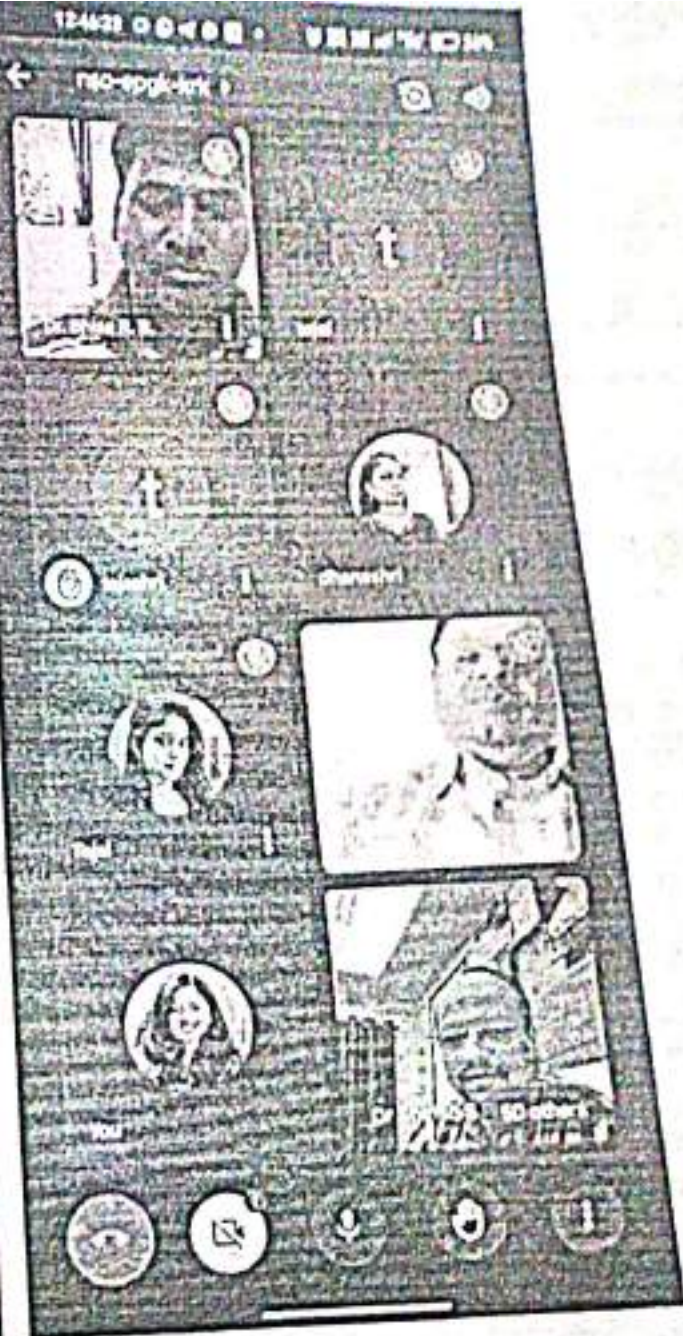
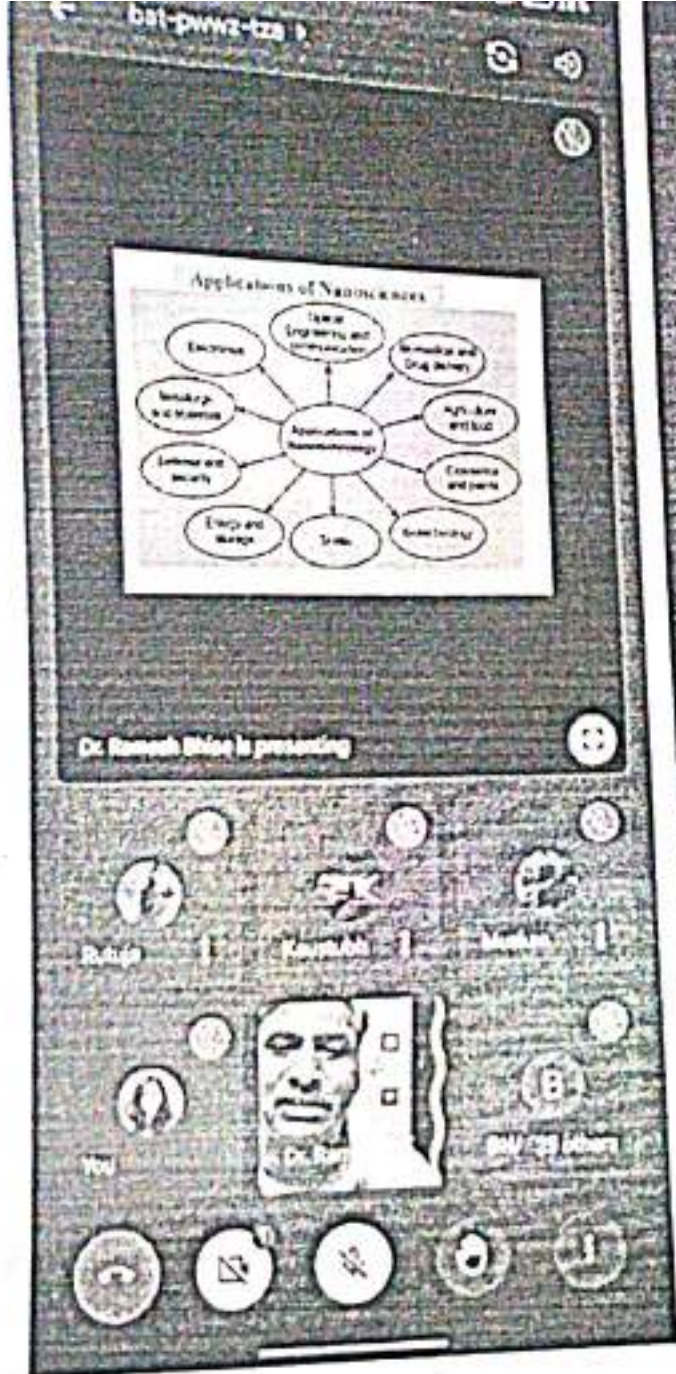
**Dr. Sunita Jadhav**  
**Course Coordinator**



- 1) Guest lecture by Dr. Shivshankar Mane Sir
- 2) Guest lecture by Dr. Jayant Rathod Sir



Guest Lectures by Dr Santosh Khillare Sir and Dr. Sapkal Sir



Guest Lecture by Dr. Bhise Sir and Valedictory Session, key note address by Principal Shirish Pingale Sir.

*Jadhav*

Dr. Sunita Jadhav  
Course Coordinator

*Shirish Pingale*

Dr. Shirish Pingale

Principal  
Principal

Hutatma Rajguru Mahavidyalaya  
Raigurunagar, Tal. Khed, Dist. Pune



K.T.S.P.Mandals

# Hutatma Rajguru Mahavidyalaya Rajgurunagar

Rajgurunagar, Tal.Khed, Dist.Pune

## Certificate

This is to certify that

Mr./Miss Mable Chaitali Vishwas of T.Y. Bsc.

Dept. of Chemistry H.R.M. has

Participated and successfully completed online short term course on "Basics in

Nanosciences" from 15/10/2022 to 22/10/2022 and obtained a grade A.....

organized by Faculty of Sciences, Hutatma Rajguru Mahavidyalaya Rajgurunagar.

Yadav

DR. SUNITA JADHAV  
COORDINATOR

DR. V. D. KULKARNI  
VICE PRINCIPAL

DR. Shirish Pingale  
PRINCIPAL



K.T.S.P.Mandals

# Hutatma Rajguru Mahavidyalaya Rajgurunagar

Rajgurunagar, Tal.Khed, Dist.Pune



## Certificate

*This is to certify that*

Mr/Miss.....*Pooja Ramchandra Sandbhor* of.....  
.....*T.Y. Bsc. Dept. of Chemistry H.R.M.*.....has

*Participated and successfully completed online short term course on "Basics in  
Nanosciences" from 15/10/2022 to 22/10/2022 and obtained a grade .....D.....*

*Organized by Faculty of Sciences, Hutatma Rajguru Mahavidyalaya Rajgurunagar.*

*Hachhav*  
DR. UNITA JADHAV  
COORDINATOR

*[Signature]*  
DR. V. D. KULKARNI  
VICE PRINCIPAL

*[Signature]*  
DR. Shirish Pingale  
PRINCIPAL

**KTSPMS**

**HUATMA RAJGURU MAHAVIDYALAYA**

Rajgurunagar, Tal – Khed, Dist – Pune 410505

**Name of Department – Geography**

**Name of Activity – Meteorological Equipment Operating Experience**

On November 11, 2022, the Geography Department of Huatma Rajguru Mahavidyalaya organized a Meteorological Equipment Operating Experience for third-year students. The objective of this activity was to provide students with hands-on experience in operating various meteorological instruments and understanding their functions in weather data collection and analysis.

**Equipment Operation:**

Under the guidance of the expert trainer, Prof. M. L. Muluk, and with coordination by Dr. D. M. Markad, students had the opportunity to operate a range of meteorological instruments. First all Dr. D. D. Muluk and Dr. D. M. Markad has told about importance of Meteorological Equipment they covers all fowling points

Meteorological equipment is of paramount importance in various fields and for society at large. Its significance can be summarized in several key areas:

**Weather Forecasting:** Meteorological instruments provide critical data for weather forecasting. Instruments like anemometers, barometers, thermometers, and hygrometers help meteorologists monitor and analyze current weather conditions, enabling the accurate prediction of short-term and long-term weather patterns. Reliable weather forecasts are vital for planning outdoor activities, agriculture, transportation, and disaster preparedness.

**Climate Studies:** Over the long term, meteorological instruments contribute to the collection of climate data. Trends in temperature, precipitation, humidity, and other parameters are monitored and analyzed to understand climate change. These insights are essential for policymakers, scientists, and researchers working to address climate-related issues and mitigate its impacts.

**Agriculture:** Farmers rely on meteorological data to make informed decisions about crop planting, irrigation, and harvest schedules. Understanding temperature, rainfall, and humidity patterns helps optimize crop management and reduce the risk of crop failure due to unfavorable weather conditions.

**Aviation and Navigation:** Meteorological equipment is critical for aviation and maritime industries. Instruments like anemometers, weather vanes, and barometers provide essential information to pilots, ship captains, and air traffic controllers, helping ensure safe and efficient travel.

**Energy and Utilities:** The energy sector depends on accurate meteorological data for planning and managing energy resources. Weather forecasts guide decisions on electricity generation, load management, and renewable energy production (e.g., wind and solar). Furthermore, severe weather predictions help utilities prepare for potential damage and outages.

**Environmental Monitoring:** Meteorological instruments are essential for monitoring environmental conditions and air quality. They help track pollution levels, assess the impact of emissions, and ensure compliance with environmental regulations.

**Natural Disaster Preparedness:** Meteorological data is instrumental in early warning systems for natural disasters, including hurricanes, tornadoes, floods, and wildfires. Timely and accurate forecasts and monitoring of weather-related events can save lives and reduce property damage.

**Research and Education:** Meteorological equipment is used in research and educational institutions to study atmospheric science, climate change, and related fields. It provides students, researchers, and scientists with hands-on experience and data for analysis.

**Resource Management:** Many industries, such as water resource management and forestry, rely on meteorological data to make decisions about water allocation, forest fire risk assessments, and other resource management strategies.

**Healthcare:** Accurate meteorological data is vital in healthcare for tracking the spread of diseases that are influenced by weather conditions, such as vector-borne diseases (e.g., malaria, dengue) and heat-related illnesses. It also assists in planning for extreme heat and cold events to protect public health.

**Construction and Engineering:** Meteorological information is crucial for construction and engineering projects. It helps in scheduling activities, managing risks, and ensuring worker safety.

**Urban Planning:** Urban planners use meteorological data to design cities and infrastructure that can withstand the local climate conditions, mitigate the urban heat island effect, and manage stormwater effectively.

In summary, meteorological equipment plays a fundamental role in various sectors, enhancing our ability to predict, respond to, and adapt to weather and climate-related

challenges. It is indispensable for ensuring the safety, well-being, and sustainability of society.

Then Prof M. L. Muluk as a expert the following instruments were demonstrated and explained which is available at Department of Geography in College

1. Anemometer: Students learned how to use an anemometer to measure wind speed and direction. The trainer discussed the importance of understanding wind patterns in weather forecasting.
2. Barometer: The operation of a barometer, which measures atmospheric pressure, was demonstrated. Students grasped the significance of pressure changes in predicting weather conditions.
3. Hygrometer: The use of a hygrometer to measure humidity in the air was explained, emphasizing its role in understanding moisture content.
4. Thermometer: Students were shown how to operate a thermometer to measure temperature, an essential parameter in meteorology.
5. Rain Gauge: The trainer explained the function of a rain gauge in measuring the amount of precipitation, particularly rainfall.
6. Weather Vane (Wind Vane): The students learned how a weather vane indicates wind direction and its role in weather monitoring.
7. Evaporation Pan: The process of measuring evaporation rates using an evaporation pan was demonstrated, highlighting its role in water balance studies.
8. Aerovane: The use of an aerovane, similar to a weather vane but used on aircraft to measure wind direction and speed, was explained.
9. Hydrothermograph: Students understood how a hydrothermograph records temperature and humidity data continuously on a rotating drum, allowing for data logging.
10. Stevenson Screen: The importance of a Stevenson screen in protecting temperature and humidity sensors from direct sunlight and weather elements was emphasized.
11. Barograph: The operation of a barograph, used to record atmospheric pressure over time, was demonstrated.

The Meteorological Equipment Operating Experience was a valuable and educational activity that provided students with practical insights into the operation of essential meteorological instruments. It enabled them to gain a deeper understanding of the instruments' functions and their role in weather data collection and analysis.

The Geography Department extends its appreciation to the expert trainer, Prof. M. L. Muluk, and the coordinator of the activity, Dr. D. M. Markad, for their guidance and support. Such hands-on experiences are essential in preparing students for future careers in meteorology, environmental science, and related fields, and they contribute to a holistic understanding of geography and its applications in the real world.



Head  
Department of Geography  
H. R. Mahavidyalaya  
Rajgurunagar



Dr. Shirish S. Pingale  
Principal  
Huatma Rajguru Mahavidyalaya  
Rajgurunagar, Tel. Khed, Dist. Pune.

खेड तालुका शिक्षण प्रसारक मंडळाचे  
हुतात्मा राजगुरु महाविद्यालय, राजगुरुनगर  
ता. खेड, जि. पुणे. 410505  
भूगोल विभाग

दिनांक - 11/11/2022

वर्ग - टी. वाय. बी. ए.

कार्यक्रमाचे नाव - हवामानशास्त्राच्या उपकरणे प्रदर्शित करणे

अ. नं.	विद्यार्थ्याचे नाव	स्त्रि/पु	मोबाईल नंबर	विद्यार्थ्याची सही
1	अरगडे चेतन बाळासाहेब	M	8623039146	<i>[Signature]</i>
2	अरगडे ललित संदिप	M	8830876709	<i>[Signature]</i>
3	बच्चे वैभव संजय	M	9604502400	<i>[Signature]</i>
4	बांगर सोनाली रोहिदास	F	9284178300	<i>[Signature]</i>
5	भालेराव प्रियांका प्रदिप	F	7887347535	<i>[Signature]</i>
6	चव्हाण ऐश्वर्या सुभाष	F	8010598279	<i>[Signature]</i>
7	डांगले शुभांगी अशोक	F	8010164407	<i>[Signature]</i>
8	दावडे पंकज नंदू	M	7385555449	<i>[Signature]</i>
9	दावरे वैभवशिवानी	M & F	7020173875	<i>[Signature]</i>
10	धाडगे सतिश बाबासाहेब	M	8600894329	<i>[Signature]</i>
11	धुमाळ शुभम विजय	M	9689870652	<i>[Signature]</i>
12	हुबे सावली काताराम	F	9763359356	<i>[Signature]</i>
13	गाडे गणेश कैलास	M	8600127051	<i>[Signature]</i>
14	गाडे वैभव मोहन	M	7219265790	
15	गोसावी सुप्रिया संजय	F	7058149357	
16	हिंगणे शिवानी माणिक	F	7218213639	<i>[Signature]</i>
17	कांबळे सिद्धांत प्रकाश	M	9373006567	<i>[Signature]</i>
18	कराळे प्रतिष्ठा संकर	F	8010419688	<i>[Signature]</i>
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20	लवंगे प्रणिता माणिक	F	9322630631	<i>[Signature]</i>

21	लैडधर प्रिया गोरक्ष	F	7745821427	P.G.L
22	नायकवडी सूरज मोहन	M	9511749837	
23	पारधी शेता दुलाराम	F	7499367681	Sheti
24	पवार प्रांजल ज्ञानेश्वर	F	8767616827	Pawar
25	पवार शुभम माणिक	M	9689037130	Pawar
26	पिण्ट प्रतिष्ठा बाळशिराम	F	9527730236	Pingot
27	पोळ नमिता खंडू	F	9011007761	Polh
28	सनस साधी निलेश	F	9322498487	Sans
29	सांडभोर काजल भीमराव	F	9498012869	Sandbhore
30	सातपुते नवनाथ बाळासाहेब	M	9763870516	Satpute
31	शिंदे आदित्य प्रकाश	M	7719013109	Shinde
32	सुतार ओंकार रवींद्र	M	8624859024	Sutar
33	तळेकर सुमित नवनाथ	M	7796412839	Talekar
34	टेमकर गौरी विकास	F	7058598394	Temkar
35	थिटे दिपाली भानुदास	F	9373282374	Thite
36	वरकड सेजल शांताराम	F	9850921085	Varad
37	वाडेकर अकिता विश्राम	F	7620650109	Wadekar
38	वाळुंब रुतुबा अनिल	F	7447246665	Walumb



विभाग प्रमुख  
स्कूल विभाग  
हुआत्मा राजगुरु महाविद्यालय  
राजगुरुनगर, (बीड) वि. पुणे.

**KTSPMS**  
**HUATMA RAJGURU MAHAVIDYALAYA**

Rajgurunagar, Tal – Khed, Dist – Pune 410505

**Name of Department – Geography**

**Class – F.Y.B.Com.**

**Report: Map Making Activity at Huatma Rajguru Mahavidyalaya**

**Date: 16th January 2023**

On 16th January 2023, the Department of Geography at Huatma Rajguru Mahavidyalaya, Rajgurunagar, organized a "Map Making Activity" for the students of T.Y.B.A. The objective of this activity was to develop the students' cartographic skills and understanding of map creation. The activity took place in the Geography Laboratory under the guidance of Dr. Dilip Muluk, Head of the Geography Department, and training by Dr. D. M. Markad, a knowledgeable faculty member. A total of TYBA Geography Class has 29 students actively participated in the Map Making Activity. They were enthusiastic and eager to enhance their cartography skills under the expert guidance provided by the faculty.

**Activity Details:** The Geography Laboratory, equipped with necessary mapping tools, drawing boards, and reference materials, served as an ideal venue for the activity. Dr. Dilip Muluk commenced the session with an introduction to cartography, highlighting the significance of maps in geography, navigation, and data representation. He emphasized the essential elements of a map, such as scale, legend, and orientation, and how these elements aid in interpreting geographic information.

**Training and Practical Exercise:** Following the introductory session, Dr. D. M. Markad provided hands-on training to the students. He demonstrated various map-making techniques, including topographic map creation, thematic map representation, and the use of different symbols and colors to denote geographical features. The students were then given individual map-making assignments. They were provided with geographical data, including elevation information, rainfall patterns, or population densities of specific regions. The students utilized this data to create their own maps, incorporating the elements taught during the training session.

**Engagement and Learning:** The students displayed great interest and engagement throughout the activity. They eagerly applied the knowledge gained during the training and utilized their creativity to design accurate and aesthetically pleasing maps. The interaction with mapping tools and the practical exercise allowed them to gain valuable experience in map-making techniques.

**Guidance and Feedback:** Dr. Dilip Muluk and Dr. D. M. Markad provided personalized guidance to each student, helping them overcome challenges and offering suggestions to improve their map-making skills. They encouraged the students to think critically and consider the appropriate use of symbols and colors to convey information effectively.

After completing their map-making assignments, the students presented their work to the entire group. This open discussion allowed the students to learn from each other's approaches and receive constructive feedback from their peers and faculty members. Dr. Dilip Muluk and Dr. D. M. Markad evaluated the maps based on accuracy, clarity, and representation of geographical features. They praised the efforts of the students and acknowledged their progress in map-making techniques.

The "Map Making Activity" proved to be an enriching and successful event, fostering the students' cartographic skills and their understanding of spatial representation. The activity aligned with the goals of the Geography Department at Huatma Rajguru Mahavidyalaya in providing practical exposure to geographical concepts. The hands-on experience, expert guidance, and constructive feedback from faculty members enabled the students to develop their map-making abilities and appreciate the importance of accurate and visually appealing cartographic representation. To further enhance future map-making activities, incorporating real-world geographical data from ongoing research projects or collaborations could offer students an opportunity to work on contemporary mapping projects. Additionally, organizing map-making competitions or exhibitions could encourage healthy competition and creativity among students. Overall, the "Map Making Activity" contributed positively to the students' academic and practical knowledge in the field of geography, preparing them for future challenges in the realm of cartography and geographic information systems.



Students involving in map making



Students involving in Map Making activity



Students involving in Map Making activity

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Head  
Department of Geography  
H. R. Mahavidyalaya  
Rajgurunagar

A handwritten signature in blue ink, likely belonging to Dr. Shirish S. Pingale.

Dr. Shirish S. Pingale  
Principal  
Hutatma Rajguru Mahavidyalaya  
Rajgurunagar, Tal. Khed, Dist. Pune.

खेड तालुका शिक्षण प्रसारक मंडळाचे  
हुतात्मा राजगुरु महाविद्यालय, राजगुरुनगर  
ता. खेड, जि. पुणे. 410505  
भूगोल विभाग



वर्ग - टी. वाय. बी. ए.

दिनांक - 12/01/2023

कार्यक्रमाचे नाव - नकाशा निर्मिती कार्यशाळा

अ. नं.	विद्यार्थ्याचे नाव	सि/पु	मोबाईल नंबर	विद्यार्थ्याची सही
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18	कराळे प्रतिष्ठा शंकर	F	8010419688	
19	काशिद अस्मिता सांतराम	F	8975993033	
20	लवंगे प्रणिता माणिक	F	9322630631	

21	लेंडघर प्रिया गोरख	F	7745821427	
22	नायकवडी सूरज मोहन	M	9511749837	
23	पारधी शेता दुलाराम	F	7499367681	
24	पवार प्राजल ज्ञानेश्वर	F	8767616827	<i>P. P. P.</i>
25	पवार शुभम माणिक	M	9689037130	<i>P. P. P.</i>
26	पिंगट प्रतिक्षा बाळसिराम	F	9527730236	<i>P. P. P.</i>
27	पोळ निकिता खंडू	F	9011007761	<i>P. P. P.</i>
28	सनस साक्षी निलेश	F	9322498487	<i>P. P. P.</i>
29	सांडभोर काजल भीमराज	F	9498012869	<i>P. P. P.</i>
30	सातपुते नवनाथ बाळासाहेब	M	9763870516	<i>P. P. P.</i>
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32	सुतार ओंकार रवींद्र	M	8624859024	<i>P. P. P.</i>
33	तळेकर सुमित नवनाथ	M	7796412839	
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35	थिटे दिपाली भानुदास	F	9373282374	<i>P. P. P.</i>
36	वरकड सेजल शांताराम	F	9850921085	<i>P. P. P.</i>
37	वाडेकर अकिता विश्राम	F	7620650109	<i>P. P. P.</i>
38	वाळुंज रुतुजा अनिल	F	7447246665	<i>P. P. P.</i>



  
**विभाग प्रमुख**  
**भूगोल विभाग**  
**हुआत्मा राजगुरु महाविद्यालय**  
**राजगुरुनगर, (लोड) जि. पुणे.**

KTSPM's  
**HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**  
**DEPARTMENT OF BOTANY**

**Workshop on Mushroom Cultivation**

**A.Y. 2022-23**

<b>Sr. No</b>	<b>Item</b>	<b>Particulars</b>
1	Date	13 <sup>th</sup> & 14 <sup>th</sup> February 2023
2	Name of Event	Workshop on Mushroom Cultivation
3	Venue	Department of Botany
4	Time	09.00 am to 3.00 pm
5	Duration of the programme	Two days
6	Number of participants	30
7	Activity belongs to which Criteria of NAAC	Criteria 3

**Report**

The Department of Botany organized two days workshop on “Mushroom Cultivation” on 13<sup>th</sup> and 14<sup>th</sup> February 2023. A total of 30 students belonging to F.Y. and T.Y. B.Sc. Botany actively participated in the workshop. The workshop was conducted free of cost to the students.

The workshop commenced with the inaugural function. The function was blessed with the presence of delegates namely Principal of the college, Dr. S.S. Pingale, Vice-Principal of Science faculty, Dr. V.D. Kulkarni, Vice-Principal of Arts faculty, Dr. S.D. Shinde, IQAC Co-ordinator, Dr. P.S. Kulkarni and Head of Department of Zoology, Dr. D.N. Birkhade. The dignitaries were welcomed by Dr. K.M. Nitnaware, Head, Department of Botany by offering rose flowers. She gave an over view of the workshop. Later, Principal Dr. S.S. Pingale officially inaugurated the workshop. In his inaugural speech, he stressed on the importance of mushroom in our diet. He congratulated the staff of botany department for organizing the workshop which has huge potential in creating job opportunities among the students. He explained the scope of the course in encouraging entrepreneurship also. He also appreciated the efforts taken through this workshop to cultivate varieties of oyster mushroom which is not a common variety cultivated in the Khed Tehsil. The inaugural session was concluded by proposing vote of thanks which was done by one of the staff, Ms. Pooja Kad.

The inaugural function was followed by a lecture on types of mushrooms and methods of mushroom cultivation delivered by the alumni of the department Ms. Wadekar Aishwarya S. Students attended the lecture with enthusiasm and were found to be curious and discussed about

different aspects in mushroom cultivation practices. Later, the practical session started where the students individually prepared spawns of three varieties of mushrooms namely *Pleurotus ostreatus*, *P. florida* and *P. eous*. The hands- on session was supervised by alumni of the department Mr. Jayesh Tope who himself is an entrepreneur in the field of Mushroom cultivation and Marketing.

On the second day, students had practical session on Substrate preparation, Spawning and final Mushroom bed preparation in suitable plastic bags. The students were given details about the after care to be observed and also about preventing contamination. Each participant prepared mushroom beds individually, which were labeled neatly and kept for incubation for the development of mycelium. The participants were given instructions about the steps to be followed further till the harvesting of the mushrooms. The different value-added products that can be prepared from the harvested mushrooms were explained to the students in detail. The teaching staff of the department Dr. K.M. Nitnaware, Dr. Sangeetha J.S., Ms. P.D. Kad and Ms. S.S. Katkar guided the students throughout the workshop and encouraged the students to take up mushroom cultivation as a small-scale business at their homes in future. Thus, the workshop was concluded fruitfully as it provided a good opportunity to upskill the students, thereby expanding their capabilities.

Dr. K.M. Nitnaware  
Head



Head of the Botany Dept. felicitating the Principal.



Principal guiding to F.Y & T.Y.B.Sc students



Head giving the introduction about the workshop.



Alumni of Botany giving information about Mushroom cultivation.

Hatutma Rajguru Mahavidyalaya, Rajgurunagar  
Department of Botany

A.Y 2022-23

Workshop on Mushroom Cultivation


Attendance

Sr. No.	Student Name	Roll No	13/02/23	14/02/23
1.	Peiyonabhi Yogeaj Patil	65	<del>Prayanshi</del>	<del>Prayanshi</del>
2.	Asmita Anil Chaudhari	33	<del>Prayanshi</del>	<del>Prayanshi</del>
3.	Sakshi Ashok Hingade	45	<del>Hingade</del>	<del>Hingade</del>
4.	Aishwarya Mahesh Lokare	15	<del>Prayanshi</del>	<del>Prayanshi</del>
5.	Sakshi Anil Hile	44	<del>Hile</del>	<del>Hile</del>
6.	Shweta Sanjay Dhawale	31	<del>Shweta D.</del>	<del>Shweta D.</del>
7.	Sahana Pratiksh Dabhanasani	40	<del>S.P. Dabhanasani</del>	<del>S.P. Dabhanasani</del>
8.	Ankita Saudagare Bansode	30	<del>Aug.</del>	<del>Aug.</del>
9.	Burhe Sakshi bulu	29	<del>Aug.</del>	<del>Aug.</del>
10.	Aditi Sambhaji Chaudhari	32	<del>Prayanshi</del>	<del>Prayanshi</del>
11.	Nannada Machindra Pacharne	72	<del>Prayanshi</del>	<del>Prayanshi</del>
12.	Tejal Suresh Rakshe	73	<del>Prayanshi</del>	<del>Prayanshi</del>
13.	Seema Borpurao Washmode	91	<del>Prayanshi</del>	<del>Prayanshi</del>
14.	Vaishnavi Kanifnath Sawant	72	<del>Prayanshi</del>	<del>Prayanshi</del>
15.	Purnima Rajesh walunj	78	<del>Prayanshi</del>	<del>Prayanshi</del>
16.	Pooja Moton Pingale	68	<del>Prayanshi</del>	<del>Prayanshi</del>

  
**HEAD**  
 Department Of Botany  
 Hutabina Rajguru Mahavidyalaya  
 Rajgurunagar-410 505

  
**PRINCIPAL**  
 Hutabina Rajguru Mahavidyalaya  
 (Arts, Science & Commerce)  
 Rajgurunagar.

17	Jambhale Rajni Subhash	50	<del>Suph</del>	<del>Suph</del>
18	Vingne Apeksha Manik	46	A.M. Hingane	A.M. Hingane
19	Kad. Vaishnavi Shivaji	51	<del>Suph</del>	<del>Suph</del>
20	Waghmare Parnali Parnesh	77	PRANALI	PRANALI
21	Jingale Sumedha Anilrao	48	<del>Suph</del>	<del>Suph</del>
22	Madhkar Priya Subhash	82	<del>Suph</del>	<del>Suph</del>
23	Ganolkar Parni Sanjay	79	<del>Suph</del>	<del>Suph</del>
24	Ravshre Siddhi Pandurang	2	<del>Suph</del>	<del>Suph</del>
25	Auti Asmita Govind	28	<del>Suph</del>	<del>Suph</del>
26	Borahde Rajulal Santosh	117	<del>Suph</del>	<del>Suph</del>
27	Mungale Prathmesh Deepak	52	<del>Suph</del>	<del>Suph</del>
28	Rathod Shrutel Parneshwar	118	<del>Suph</del>	<del>Suph</del>
29	Katore Apeksha Shantaram	54	<del>Suph</del>	<del>Suph</del>
30	Harde Vaishnavi Santosh	66	<del>Suph</del>	<del>Suph</del>

  
 Dr. K. M. Nimmaware  
 HOD - HEAD  
 Department Of Botany  
 Hutabina Rajguru Mahavidyalaya  
 Rajgurunagar-410 505

## **Event Report on workshop on "Patent Design"**

Date of the event: 15/02/2023

Time: 10 am onwards

Platform: Offline

Number of participants: 54

Invited speakers: Ms. Ankita Nagarkar

IPR committee in collaboration with Staff Academy of Hutatma Rajguru Mahavidyalaya Rajgurunagar had arranged an webinar entitled "Patent Design". The guest speaker for the webinar was Ms. Ankita Nagarkar. Respected Principal, Dr. S.S. Pingale Sir, chairman of staff academy Dr. D.M. Markad Sir, Committee members Dr. G.M. Dhumal, Dr. P.R. Jagtap and around 54 participants attended the program. The program was coordinated by Dr. D.M. Markad Sir. The program started with a welcome speech given by Dr. S.S. Pingale Sir, who guided the participants with inspiring and motivating words. After a brief introduction of the speaker by Dr. D.M. Markad Sir, the session begun. The speaker very efficiently enlightened the participants with her commendable talk on the subject. She explained in detail the concept and use of patent filing. She elucidated the concept of "disclose to protect". The speaker also described in detail the process of patent filing which consists of different stages like file searching, eligibility, drafting a patent, oppositions, first examination report, the timeline and the fees structure in India and abroad. After the talk there was an interactive session where participants asked queries and doubts which the speaker resolved. The program ended with the vote of thanks which was proposed by Dr. Dr. P.R. Jagtap.



  
Dr. Shrish S. Pingale  
Principal  
Hutatma Rajguru Mahavidyalaya,  
Rajgurunagar, Tal. Shree, Dist. Pune



On 16/09//22 Ms. Ankita Nagarkar delivered his lecture in Staff academy on Patent.



Participant of the Lecture.



  
**Dr. Shrish S. Pingale**  
**Principal**  
 Hutatma Rajguru Mahavidyalaya,  
 Rajgurunagar, Tal. Khed, Dist. Pune.

KTSPM's  
**HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**  
**DEPARTMENT OF BOTANY**

**Millets & Organics Products Expo**

**A.Y. 2022-23**

Sr. No	Item	Particulars
1	Date	27th March 2023
2	Name of Event	Millets & Organics
3	Venue	Department of Botany
4	Time	10.00 am to 1.00 pm
5	Duration of the programme	One day
6	Number of participants	43
7	Activity belongs to which Criteria of NAAC	Criteria 3

**Report**

The Department of Botany organized an exhibition “Millets & Organics” based on the theme Botany and Environment on 27<sup>th</sup> March 2023. All the teaching and non teaching staff of Department of Botany conducted the exhibition. A total of 5 students of T.Y. B.Sc. Botany, 29 students of S.Y.B.Sc., 9 students of F.Y.B.Sc. prepared the various foods and oils for display.

The exhibition was inaugurated at 11.00 am by the hands of Chairman of Khed Taluka Shikshan Prasarak Mandal, Hon. Adv. Devendraji Buttepatil in the presence of Hon. Pratapraoji Takalkar (Vice-Chairman, KTSPM), Dr. S.S. Pingale (Principal), Dr. V.D. Kulkarni (Vice-Principal, Science faculty), Dr. S.D. Shinde (Vice Principal, Arts faculty), Mr. K.R. Pacharne (Registrar), and Prof. D.N. Birhade (Head, Dept. of Zoology).

A total of 30 different foods were prepared from different millets, 6 different mushroom recipes & 5 different types of herbal oils were kept for display and tasting. Exhibition includes Millet foods such as Soghum tak, Little millet tea, Finger millet cake, kodo millet idli, Quinoa kesari & curd rice, Barnyard millet Carrot truffles, Proso millet chirote etc. Mushroom recipes like Mushroom chilli, Mushroom sandwich, Mushroom Kalakand, Mushroom Masswadi, Mushroom momos, Mushroom ladu were kept in exhibition. The different herbal oils like Coffee oil, *Aloe vera* oil, *Hibiscus* oil, Rose oil, Carrot oil were kept for display.

The distinguished guests went through the displayed dishes with much enthusiasm and curiosity and asked in detail about the preparation, health benefits, cultivation methods for particular millets etc. of the various Millet foods. The scope of the exhibition with respect to its commercial value and in creating job opportunities was also analyzed and appreciated. The hard

work done by the students to prepare recipies was highly appreciated by the team. They also gave invaluable suggestions. The Chairman of KTSP Mandal, Hon. Adv Devendraji Buttepatil suggested that the programmes should arrange on large platform in future to start marketing of the products. The principal suggested that a workshop on the making of various herbal products can be organized by the department so that the knowledge gets properly dissipated among the society also. The team appreciated the efforts taken by the department and encouraged to conduct such innovative programmes in the coming years also.

The exhibition saw a huge rush of visitors. Faculties from the various departments of the college visited the exhibition stalls. A large number of students showed their presence and took firsthand experience.

Feedback was taken from those who attended the exhibition. Everyone appreciated this unique activity carried out by the department.

Dr. K.M. Nitnaware  
Head

Dr. S. S. Pingale  
Principal



Group Photo with honorable delegates



Inauguration by the hands of Honorable Chairman, Adv. Devendraji Buttepatil in the presence of Vice-chairman, Hon. Pratapraoji Takalkar, Principal, Dr. S.S. Pingale & Head, Dr. K.M. Nitnaware.



Honorable guests communicating with student



Honorable guests observing the different foods prepared from millets

KTSP Mandal's  
HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR  
DEPARTMENT OF BOTANY  
A.Y. 2022-23

Exhibition on Millets & Organics

ATTENDANCE

Date: 27/03/2023

Sr. No.	Name	Department	Mobile No.	Sign
1)	Salunke prashant		9423125285	
2)	जाना वारेक राठकर		9767959831	
3)	अंशु. हेंड्रे कुपे पारिल		9822440761	
4)	जै. जिराब नेगेने		9890699578	
5)	डॉ. संजय शिंदे	मशक	9604303060	
6)	डि. एन. बि. हंडे	Zoology	8847744736	
7)	प्रा. डॉ. येडकर क्य. बी	Zoology	9762952121	
8)	प्रा. कुंडळ हन. बी	chemistry	8888206005	
9)	प्रा. नासुद जे. एस	chemistry	9970009054	
10)	प्रा. पवार आर. वाय	chem.	9011053583	
11)	प्रा. वाकुंज के. ए	Chemistry	7720842209	
12)	प्रा. ठकार के. बी	Chemistry	8484982267	
13)	प्रा. सुश्रुति स. डेटे	जीवशास्त्र	9881398541	
14)	Naikare Sonali	zoology	7057196249	
15)	Shindekar P.P.	Zoology	7057035232	
16)	Mundhe Bikumre	Economics	9373460058	
17)	Tope Jayesh	-	7028194155	



KTSP Mandal's  
HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR  
DEPARTMENT OF BOTANY  
A.Y. 2022-23

Exhibition on Millets & Organics

ATTENDANCE

Date: 27/03/2023

Sr. No.	Name	Class	Mobile No.	Sign
1.	Shinde Varshnavi	Sy bsc	8767354488	<u>Shinde</u>
2.	Sable Sakshi	Sy bsc	7350657946	<u>Sable</u>
3.	Khatel Mayuri	Sy bsc	8237958365	<u>Khatel</u>
4.	Sawant Shivani S.	Sy bsc	9579217352	<u>Shivani</u>
5.	Patil Priyanshi Y.	F.Y. b.sc	8767937897	<u>Patil</u>
6.	Hingade sakshi A.	F.Y. b.sc	8793950290	<u>SAH</u>
7.	Chaudhari Amrita A.	F.Y. b.sc	8766028670	<u>Chaudhari</u>
8.	<del>Shinde Pooja R.</del>	<del>Sy bsc</del>	<del>1028828111</del>	<del>Shinde</del>
9.	Salunkhe Pratikshika	S.Y. b.sc	4428165285	<u>Salunkhe</u>
10.	Jadhav Tejaswini S.	Ty BSc	8805066239	<u>Jadhav</u>
11.	Korhale Sonika C.	Ty BSc	9130988914	<u>Korhale</u>
12.	Aude Dnyaneshwar	Ty bsc	902250632	<u>Aude</u>
13.	Korhale Nikhil	Ty BSc	9326406711	<u>Korhale</u>
14.	Pacharne Narmada	Ty BSc	9699607671	<u>Narmada</u>
15.	Raut Avantika	Sy BSc	7058549618	<u>Raut</u>
16.	Raksha Tejal	Ty BSc	9322621450	<u>Raksha</u>



KTSPM's  
Hutatma Rajguru Mahavidyalaya, Rajgurunagar  
Department of Botany

A.Y. 2022-23

Exhibition on Millets and Organics

Feedback form

Please take a few minutes to share your thoughts and suggestions.

NAME:- Asmita chaudhari

Have you attended a similar event before?

Yes ☒ No ☐

How would you rate the following:

Event usefulness

Excellent ☒ Good ☐ Average ☐ Poor ☐

Planning and organization of the event

Excellent ☒ Good ☐ Average ☐ Poor ☐

Your level of satisfaction with the event

Excellent ☒ Good ☐ Average ☐ Poor ☐

Your Suggestions:

The expo give valuable information about many millets which are unknown to us. Different products prepared were found to be highly appealing.

Date: 27/03/2023

Signature: Bhalwal

We sincerely thank you for visiting and sharing your invaluable thoughts with us.



## राजगुरु महाविद्यालयात भरड धान्य महोत्सव

राजगुरुनगर  
जनप्रवास : वार्ताहर

संयुक्त राष्ट्र संघाने २०२३ हे वर्ष भरडधान्य वर्ष घोषित केल्याच्या निमित्ताने हुतात्मा राजगुरु महाविद्यालयातील वनस्पतीशास्त्र विभागाच्या वतीने भरडधान्य महोत्सवाचे आयोजन करण्यात आले.

या महोत्सवाचे उद्घाटन खंड तालुका शिक्षण प्रसारक मंडळाचे अध्यक्ष ड. देवेंद्र बुट्टे यांनी यांच्या हस्ते झाले.

या प्रसंगी उपाध्यक्ष नानासाहेब टाकळकर, प्राचार्य डॉ. एस. एस. पिण्डे, उपप्राचार्य डॉ. पी. डी. कुलकर्णी, डॉ. संजय शिंदे, प्रबंधक कैलास पाचारणे उपस्थित होते. या महोत्सवामध्ये ज्वारी, बाजरी,

नाचणी व्यतिरिक्त वरई, राळ, सावा, भकरा, रामूल, कोद्रा, कुट्टू असे एकूण दहा प्रकारचे भरडधान्य प्रदर्शनास ठेवले होते. विद्यार्थ्यांनी भरड धान्याचा वापर करून बाजरीची बर्फी, ज्वारीचे ताक, कोद्रा पुलाव, राळ्याचे गुलाबजामून, साव्याचा चहा असे ३० वेगवेगळे खाद्यपदार्थ बनविले. या उपक्रमात ४३ विद्यार्थ्यांनी सहभाग घेतला.

उद्घाटन प्रसंगी बोलतांना संस्थाध्यक्ष ड. देवेंद्र बुट्टे पाटील यांनी ऊर्जा व पोषण देणाऱ्या भरड धान्यापासून आरोग्यासंबंधीचे फायदे खूप असल्याने त्याविषयी जनजागृती होणे आवश्यक असल्याचे सांगितले. बदलत्या जीवशास्त्रीयतेमुळे आजारांचे प्रमाण वाढले असून भरड धान्याचा वापर आहारात वाढवण्याचे आवाहन त्यांनी केले. या कार्यक्रमाचे आयोजन वनस्पतीशास्त्र विभाग प्रमुख डॉ. के. एम. नितनबरे, डॉ. संगीता जे एस, प्रा. पी. डी. काड, प्रा. आर. रही. मेचकर, प्रा. एस. एस. काटकर व विभागातील शिक्षकेतर कर्मचाऱ्यांनी केले.

  
**HEAD**  
Department Of Botany  
Hutisma Rajguru Mahavidyalaya  
Rajgurunagar-415 505

  
**Dr. S. S. Pingale**  
**PRINCIPAL**  
Hutisma Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgurunagar,



**KTSP Mandal's**

**HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**

**Tal- Khed, Dist- Pune**

**Department of English 2022-2023**

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**Title of the Program:** Film Screening

**Name of organizing Department:** Department of English

**Name of the Coordinator:** Prof. V.B. Kathe and Prof. S.S. Bhogade

**Date of the program:** 18/04/ 2023

**Venue:** Functional English Laboratory

**Target group:** All the students of English Department

**No. of participants:** 34

**Name of Resource person:** Dr. P.S. Kulkarni & Prof. K.J. Landepatil

**Total expenditure of the Programme:** Nil

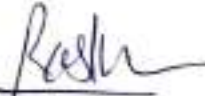
**Source of Fund:**

**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
**Department of English**

Date: 12<sup>th</sup> April, 2023

**Notice**  
**"Film Screening"**

All the students Department of English are hereby informed that the Department of English is going to arrange "Film Screening" on 18<sup>th</sup> April, 2023 at 11.30 am at the English department. all the students are advised to participate themselves in the said activity.



Dr. V. Y. Raskar

*Head*  
**Head, Department of English**  
**Hutatma Rajguru Mahavidyalaya**  
**(Arts, Science & Commerce)**  
**Rajgurunagar**

**Report:****"Film Screening"**

The Department of English arranged "Film Screening" on 18<sup>th</sup> April, 2023 at English Language Laboratory. Dr. V.Y. Raskar introduced the chief guest of the Programme Dr. P.S. Kulkarni and Prof. K.J. Landepatil. Dr. P.S. Kulkarni his address said "Films are very powerful tool to portray the truth of society". Further he said 'through the help of films students can express themselves in better way to address the problems faced by them.' Prof. K.J. Landepatil also gave reminiscence of his memories as student and gave tips to the students on making an effective short films on vital topics. In the end, Dr. V.Y Raskar proposed the vote of thanks to the Programme. Prof. S.S. Bhogade did anchoring to the Programme. The following films were shown to the students.

Sr. No.	Title of the Film	Date of Screening
1	Mukti	18/04/2023
2	Joycee	18/04/2023
3	Another Nirbhaya	19/04/2023
4	Amy	19/04/2023
5	Audition	21/04/2023
6	Is this free ?	21/04/2023



Dr. V.Y. Raskar

Head, Department of English  
**Department of English**  
Hutatma Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgurunagar

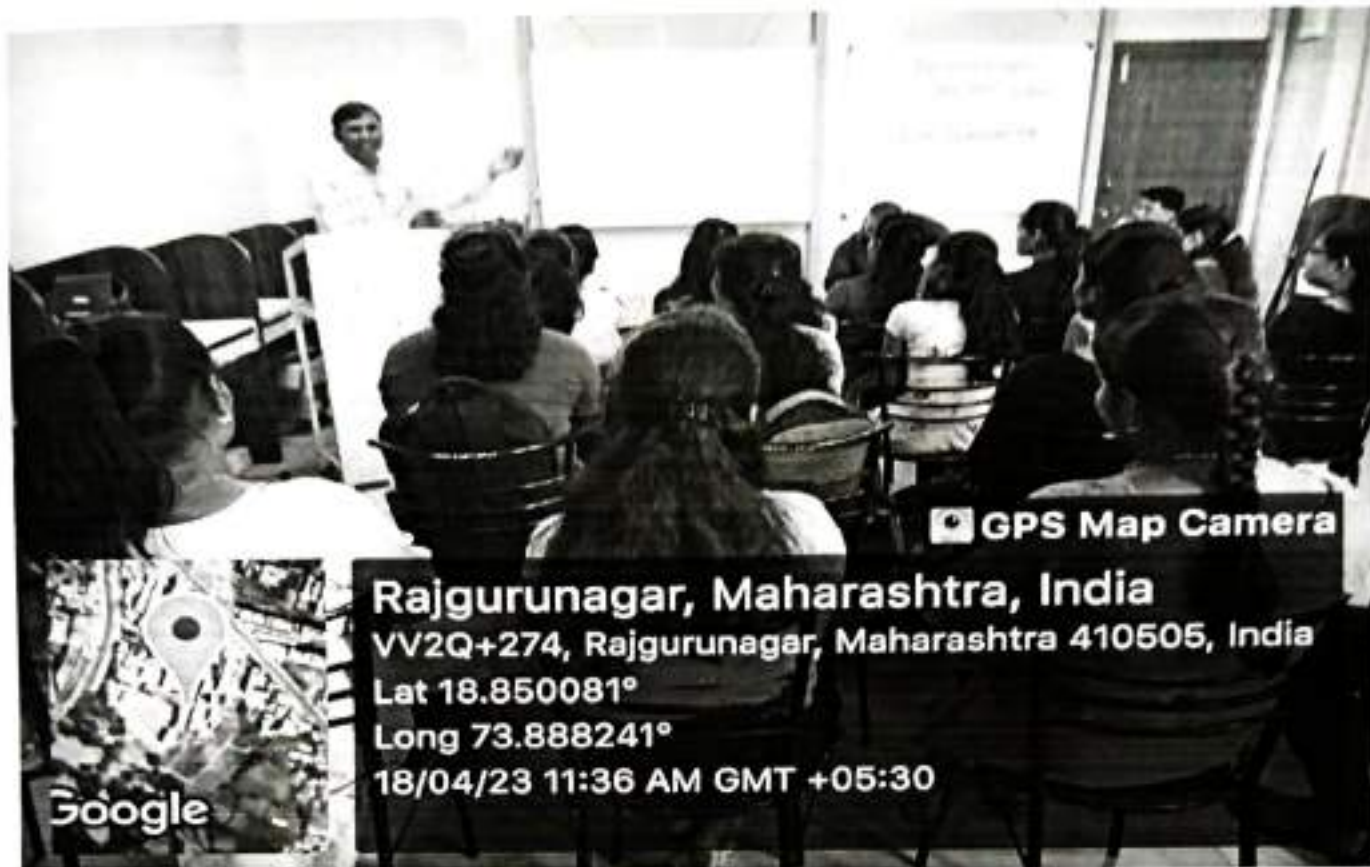
## Photographs:



The chief guest on the dais



The gathered students attending the programme



Dr. V.Y. Raskar introducing the chief guest



Dr. P.S. Kurkarni while expressing his thoughts



Prof. K.J. Landepatil while guiding students



Prof. Shital Bhogade while giving concluding remarks

# Department of English

## Film Screening

Day 1

18/04/2023

Sr.	Name	class	Sign
1)	Omkar Naikre	TYBA	O.Naikre
2)	Siddhant Kamble	TYBA	S.Kamble
3)	Naikre Ankita	TYBA	N.Naikre
4)	Chavan Shubhangi	TYBA	S.Chavan
5)	Tanpure Monika	TYBA	T.Tanpure
6)	Aparna Chandrabhan	F.Y.B.A	A.Chandrabhan
7)	Pranjal Doundkar	F.Y.B.A	P.Doundkar
8)	Sonabai Dhokale	F.Y.B.A	S.Dhokale
9)	Gaikwad Akanksha	F.Y.B.A	A.Gaikwad
10)	Yelwande Sakshi	F.Y.B.A	S.Yelwande
11)	Gaikwad Aditi	F.Y.B.A	A.Gaikwad
12)	Shi Gaugale Shivanjali	F.Y.B.A	S.Gaugale
13)	Kashid Akshata	T.Y.B.A	A.Kashid
14)	Thorat Dnyaneshwari	T.Y.B.A	D.Thorat
15)	Pranjal Doundkar	F.Y.B.A	P.Doundkar
16)	Awari Purnima	T.Y.B.A	P.Awari
17)	Borhade Ankita	S.Y.B.A	A.Borhade
18)	Kalekar Komal	TYBA	K.Kalekar
19)	Ghoshale Dnyaneshwari	T.Y.B.A	D.Ghoshale
20)	Dutwade Ashwini	T.Y.B.A	A.Dutwade
21)	Gawari Vaishnavi	S.Y.B.A	V.Gawari
22)	Tattu Mayuri	S.Y.B.A	M.Tattu
23)	Ganiya Lokadevner	F.Y.B.A	L.Ganiya
24)	Vishwas Balu Kulkarni	TYBA	B.Vishwas
25)	Sneha Sahane	M.A - I	S.Sahane
26)	Ujjwala Mhasane	M.A II	U.Mhasane
27)	Jyoti Parde	M.A II	J.Parde

Teachers

Dr. V. Y. Reskar - R.R.

R.R.

Dr. V. Y. Reskar

Head

Department of English  
Huntia Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgurunagar

# Film Screening Day-2

PAGE NO.:  
DATE: 19/04/2023

Sr.	Name of Students	Class	Sign
87	Tattu Mayuri Baliram	S.Y.B.A	Tattu
53	Gawari Vaishnavi Phondiba	S.Y.B.A	Gawari
56	Surwade Shwini Shankar	T.Y.B.A	Surwade
09	Ghittule Dnyaneshwar Prabhakar	T.Y.B.A	Ghittule
42	Kalekar, Kamal Bhivsen	T.Y.B.A	Kalekar
33	Awari Pournima Narabhai	T.Y.B.A	Awari
4)	Boskade Ankita Balasaheb	S.Y.B.A	Boskade
136	Vishwas Balu Rakhunde	T.Y.B.A	Vishwas
31	Aparna Manoj Chandrabanshi	F.Y.B.A	Aparna
88	Pranjal Santosh Doundkar	F.Y.B.A	Pranjal
49	Shiweta Ravindra Gaikwad	F.Y.B.A	S.R. Gaikwad
09	Sakshi Chandrakant Abansode	F.Y.B.A	Sakshi
10	Dhekale Soorabai Anupat	F.Y.B.A	Dhekale
II	Siddharth Bete	F.Y.B.A	Siddharth
146	Shinde Prajwali Dnyaneshwar	F.Y.B.A	P.D. Shinde
217	Gaikwad Aditi Navnath	F.Y.B.A	Gaikwad
218	Gaikwad Anksha Navnath	F.Y.B.A	Gaikwad
53	Gargate Shivrajali Gurbh	F.Y.B.A	Gargate
93	Ganiya Ram Lokhande	F.Y.B.A	Ganiya
	Sneha Sahane	M.A.(I)	Sneha
	Ujjwala Mhasane	M.A.(II)	Ujjwala
	Iyoti Pande	M.A.(II)	Iyoti
Teachers			
Dr. V. Y. Pawar		Dr. V. Y. Pawar	
		Head	
		Department of English	
		Husatma Rajguru Mahavidyalaya	
		(Arts, Science & Commerce)	
		Rajgurunagar	

# Film Screening Day-3

PAGE NO.  
DATE

21/04/2023

Sr.	Name of students	Class	Sign
87	Tattu Mayuri Baliram	S.Y.B.A	<u>Mayuri</u>
53	Gawari Vaishnavi Dhondiba	S.Y.B.A	<u>Vaishnavi</u>
56	Surwade Ashwin Shankar	T.Y.B.A.	<u>Ashwin</u>
09	Ghotikale Dnyaneshwari Prabhakar	T.Y.B.A.	<u>Dnyaneshwari</u>
42	Kalekar Komal Bhivsen	T.Y.B.A.	<u>Komal</u>
33	Awari Pournima Nanabhau	T.Y.B.A	<u>Pournima</u>
4	Borhade Ankita Balajirao	S.Y.B.A.	<u>Ankita</u>
136	Vishwas Balu Rakhunde	T.Y.B.A.	<u>Vishwas</u>
31	Alpna Manoj Chandrabanshi	F.Y.B.A	<u>Alpna</u>
38	Pranjal Santosh Dandekar	F.Y.B.A	<u>Pranjal</u>
49	Gaikwad Shweta Ravindra	F.Y.B.A.	<u>Shweta</u>
09	Sakshi Chandrakant Bawade	F.Y.B.A	<u>Sakshi</u>
10	Dekate Sanjay Ganpat	F.Y.B.A	<u>Sanjay</u>
17	Sutkar Bute	F.Y.B.A	<u>Bute</u>
146	Shinde Prajwal Dnyaneshwar.	F.Y.B.A.	<u>P.D. Shinde</u>
218	Gaikwad Hriti Navnath	F.Y.B.A	<u>Hriti</u>
218	Gaikwad Akanksha Navnath	F.Y.B.A	<u>Akanksha</u>
53	Galgate Shivrajali Gulab	F.Y.B.A	<u>S. Galgate</u>
148	Sakshi Sannath Shinde	F.Y.B.A	<u>S.S. Shinde</u>
93	Saniya Ram Lokhande	F.Y.B.A	<u>Saniya</u>
	Snaha Sahane	M.A (I)	<u>Snaha</u>
	Ujjwal Vjwala Mhasane	M.A (II)	<u>Ujjwal</u>
	Jyoti Pande	M.A II	<u>Jyoti</u>

Teachers

Dr. V.Y. Raskar Raskar

Raskar  
Dr. V.Y. Raskar

Head  
Department of English  
Hututma Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgurunagar

**KTSPMS**

**HUATMA RAJGURU MAHAVIDYALAYA**

Rajgurunagar, Tal – Khed, Dist – Pune 410505

**Name of Department – Geography**

**Name of Activity – Seminar on Population Explosion in India**

On April 29, 2023, the Geography Department at Huatma Rajguru Mahavidyalaya organized a seminar on "Population Explosion in India." The objective of the seminar was to create awareness among students about the challenges and opportunities arising from India's population growth and to encourage informed discussions on this critical issue.

**Seminar Presentations:**

The seminar featured presentations by second-year geography students who explored various facets of the population explosion in India. These presentations were evaluated by the examiners, Prof. Dr. D. D. Muluk and Dr. D. M. Markad. The following topics were presented and discussed:

1. **Population Growth Trends:** The first presentation provided an overview of India's population growth trends over the years and highlighted the factors contributing to this growth.
2. **Demographic Dividend:** The second presentation focused on the demographic dividend in India, discussing the potential benefits and challenges associated with a youthful population.
3. **Healthcare and Family Planning:** This presentation explored the importance of healthcare and family planning services in addressing population issues, with a focus on government initiatives.
4. **Urbanization and Migration:** The impact of urbanization and rural-to-urban migration on population distribution and urban development was examined.
5. **Environmental Impacts:** The environmental consequences of rapid population growth, including resource depletion and pollution, were discussed.
6. **Gender Equality and Population:** The role of gender equality in population dynamics and family planning was highlighted.
7. **Economic Implications:** This presentation delved into the economic implications of population growth, including challenges and opportunities for the labor market and industries.

8. Challenges and Opportunities: The seminar also explored the socio-economic, political, and cultural challenges and opportunities associated with India's population explosion.

**Discussion and Evaluation:**

Following each presentation, there was an interactive discussion where students, faculty members, and examiners engaged in a dialogue about the topics presented. The discussion allowed for the exchange of ideas, questions, and perspectives on population-related issues in India.

Prof. Dr. D. D. Muluk and Dr. D. M. Markad, as examiners, provided feedback and evaluation of the seminar presentations. They commended the students for their in-depth research, effective presentation skills, and the ability to address a multifaceted issue such as population explosion in India.

**Best Presentation student List**

1. Pavale Tanuja
2. Musale Chhakuli
3. Muluk Shraddha
4. Lagade kajal
5. Gawade Dnyaneshwar

The Seminar on Population Explosion in India served as an educational platform for second-year geography students to explore and discuss the complexities of India's population dynamics. The activity not only raised awareness about the issue but also encouraged critical thinking and provided a forum for informed discussions.

The Geography Department of Huatma Rajguru Mahavidyalaya appreciates the active participation of students and the guidance of the examiners and coordinator. Seminars like these contribute to a holistic understanding of geographical issues and their relevance to society. The department remains committed to organizing activities that enhance students' knowledge and analytical skills.

  
Head  
Department of Geography  
H. R. Mahavidyalaya  
Rajgurunagar

  
Dr. Shirish S. Pingale  
Principal  
Huatma Rajguru Mahavidyalaya  
Rajgurunagar, Tal. Khed, Dist. Pune.

KTSPMS

Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Tal – Khed, Dist – Pune 410505

Department of Geography



Class – SYBA (Geography)

Date – 25/04/2023

Name of Activity – Seminar on Population Explosion in India

Sr. No.	Roll No.	Name of Student	Signature
1	140	Bahirat Tejas Ananda	Bahirat
2	192	Barne Abhiraj Arun	Barne
3	39	Bhagwat Neha Anand	Bhagwat
4	187	Bhambure Ganesh Satyawar	Ganesh
5	40	Bharmal Mayuri Dnyaneshwari	Bharmal
6	43	Chopde Vrushali Pramod	Vrushali
7	45	Dekhane Neha Kalpesh	Neha
8	143	Dhadwad Prem Bharat	Prem
9	159	Dhangar Sonali Somnath	Sonali
10	47	Gaikawad Aniket Sampat	Aniket
11	50	Gawade Dnyaneshwar Dadabhau	Dnyaneshwar
12	51	Gawade Monika Gulab	Monika
13	144	Gode Sameer Sakharum	Sameer
14	206	Gogawale Neha Dipak	Neha
15	54	Gore Mansi Vittal	Mansi
16	55	Gosavi Sakshi Ganpat	Sakshi
17	56	Jare Aniket Maruti	Aniket
18	154	Kambale Pragati Shivaji	Pragati
19	60	Karle Samidha Ramesh	Samidha
20	166	Kashid Payal Pravin	Payal
21	123	Khande Saurabh Dnyaneshwar	Saurabh
22	145	Khande Yuvraj Chandrakant	Yuvraj
23	63	Kotwal Divya Maruti	Divya
24	27	Lagade Kajal Ashok	Kajal

Sr. No.	Roll No.	Name of Student	Signature
25	66	Mode Shraddha Prakash	S.P. Mode
26	106	Muluk Shradhadha Sunil	Muluk
27	107	Musale Chhakuli Bajirao	C.B. musale
28	73	Pardhi Sagar Bhaga	Pardhi
29	75	Pawale Arti khandu	A.K. Pawale
30	76	Pawale Tanuja Santosh	Tanuja
31	147	Pawale Tejas Yogiraj	Tejas
32	148	Pawale Viththal Shashikant	Viththal
33	110	Phalke Akshda Kailas	A.K. Phalke
34	167	Rakshe Hindavi Santosh	Hindavi
35	79	Ranpise Shubham Shantaram	Shubham
36	85	Shirke Rajshri Popat	Rajshri
37	189	Sukale Rahul Ananda	Rahul
38	24	Takalkar Anuja Uttam	Anuja
39	26	Takalkar Mayuri Sunil	Mayuri
40	86	Takalkar Siddhi Shantaram	Siddhi
41	27	Takalkar Vidya Arjun	Vidya
42	136	Talape Kailas Shankar	Kailas
43	30	Talape Mohini Kundlik	Mohini
44	137	Thorat Neha Balasaheb	Neha
45	138	Thorat Sanket Balasaheb	Sanket
46	115	Virkar Punam Dattatray	Punam
47	219	Dhavle Yogita Sanjay	Yogita



  
**विद्यापत्र**  
**पुणे**  
**ह्यातमा राजगुरु महाविद्यालय**  
**राजगुरुनगर, (पेठ) जि. पुणे.**

Khed Taluka Shikshan Prasarak Mandal's  
Hutatma Rajguru Mahavidyalaya, Rajgurunagar  
*Affiliated to S. P. Pune University, Pune*  
*NAAC Reaccredited "B++" Grade (CGPA 2.83), DST-FIST Recognized*  
*college website: <https://www.hrmrajgurunagar.ac.in>, E-mail: [hrmrajguru@yahoo.co.in](mailto:hrmrajguru@yahoo.co.in),*  
*ph. No. 02135222099*  
Department of Chemistry

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Report of Skill Based Course on “A Five days vocational training programme on Soil Testing  
Lab: As an Entrepreneur Business Opportunity”

**Introduction:** The vocational training programme on "Soil Testing Lab as an Entrepreneurial Business Opportunity" was organized with the aim of equipping participants with the skills and knowledge necessary to establish and operate a soil testing laboratory as a viable business venture. The five-day intensive course was held at Department of Chemistry Hutatma Rajguru Mahavidyalaya Rajgurunagar from 14-05-2023 to 18-05-2023.

**Objectives:** The primary objectives of the training programme were as follows:

1. To educate participants about the importance of soil testing in agriculture
2. To impart practical skills in conducting various soil tests and interpreting the results.
3. To provide insights into the entrepreneurial aspects of setting up and managing a soil testing laboratory.
4. To foster networking and collaboration among participants.

**Course Content:** The training programme encompassed a comprehensive curriculum that covered both theoretical and practical aspects of soil testing and entrepreneurial skills. The topics covered during the five days included:

1. Introduction to Soil Testing:
  - Importance of soil testing in agriculture.
  - Types of soil tests and their applications.
2. Soil Sampling Techniques:
  - Proper methods of collecting soil samples.
  - Ensuring representative samples for accurate testing.
3. Soil Testing Procedures:
  - pH testing, nutrient analysis, organic matter content, etc.
  - Hands-on experience with various testing equipment.

#### 4. Result Interpretation:

- Understanding test results and their implications.
- Recommendations for soil amendments and fertilization.

**Training Methodology:** The training programme employed a blend of lectures, interactive workshops, hands-on practical sessions, case studies, and group discussions. Participants were given the opportunity to work with actual soil samples and testing equipment, enhancing their understanding of the concepts taught. The students collected soil samples randomly from their respective native places for testing purposes. The collected soil samples were analyzed for pH, electrical conductivity, calcium and magnesium content, carbon content, and phosphorus content in the soil. A total of 48 students were enrolled in the course, out of which 21 students successfully completed it.

**Participant Feedback:** Participants expressed high levels of satisfaction with the course content and delivery. Many highlighted the practical nature of the training, which equipped them with skills that can be immediately applied in a real-world setting. The interactive sessions and networking opportunities were also well-received.

**Conclusion:** The "Soil Testing Lab as an Entrepreneurial Business Opportunity" training programme successfully achieved its objectives of educating participants about soil testing, equipping them with practical skills, and providing insights into entrepreneurship in this domain. The course laid the foundation for participants to consider venturing into the soil testing business, contributing to both agricultural productivity and construction quality.

The positive feedback from participants encourages us to continue organizing similar skill-based courses that empower individuals to explore entrepreneurial opportunities in various sectors.

Prof. Dr. P. S. Kulkarni



