

Mahatma Phule Shikshan Sanstha's

Karmaveer Bhaurao Patil College, Islampur

Department of Physics

Organized

Guest lecture on

“Chandrayaan-3”

Wednesday, 11th October 2023, At 12.30 pm

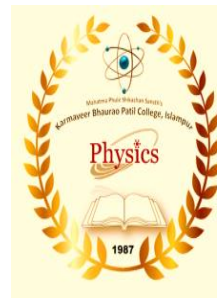
Program Schedule

Time	Event	Person
12.30pm –12.35 pm	Program Introduction	Dr. Prakash N. Chavan
	President of Program	Dr. Arun B. Patil Principal, K. B. P. College, Islampur.
12.35pm –12.40 pm	Guest Introduction	Mr. Sagar Pardhi
12.40 pm –12.50 pm	Felicitation of Guest	Mr. Pruthviraj Avinash Shinde by Dr. Arun B. Patil Principal, K. B. P. College, Islampur. Prof. Dr. Nitin S.Shinde Vice-Principal, K. B. P. College, Islampur.
	Presence of Program	Prof. Dr. S.A. Kamble PG. Co-ordinator Faculty of Science, and Head of Chemistry department Prof. Dr. Nitin S.Shinde Vice-Principal, K. B. P. College, Islampur.
12.50 pm –01.20 pm	Chief Guest Speech	Mr. Pruthviraj Avinash Shinde Project Assistant at ISRO, Bengaluru
01.20 pm –01.25 pm	Question answer session for students	Mr. Pruthviraj Avinash Shinde and Students
01.25 pm –01.45 pm	Presidential Speech	Dr. Arun B. Patil Principal, K. B. P. College, Islampur.
01.45 pm –01.50 pm	Vote of Thanks	Ms. Shubhada Shinde
	Anchoring	Dr. Vaishali Mane & Dr. Snehal Dubal
01.50 pm –02.00 pm	Group Photograph	Pandurang Vanjari

Venue:- G-14 , Seminar Hall, K.B.P. college, Islampur



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
GUEST LECTURE
“ CHANDRAYAAN-3 ”
(2023-24)



DATE:-11/10/2023

Report

Guest Lecture was conducted by the department of Physics on 18.11.2023 from 12.30 pm to 2.00 pm. Chief guest Mr.Pruthviraj Shinde, Project Assistant at ISRO, Bengaluru, has taken a lecture on topic “Chandrayaan-3” for first, second & Third year students in Seminar Hall (G-14).

He has published number of Research papers in National and International Journals. He has delivered lectures in various colleges & organizations. Total of around **110** students and staff participated in this programme.

The speaker explains the following Concept:-

Chandrayaan-3 is a follow-on mission to Chandrayaan-2 to demonstrate end-to-end capability in safe landing and roving on the lunar surface. It consists of Lander and Rover configuration. It will be launched by LVM3 from SDSC SHAR, Sriharikota. The propulsion module will carry the lander and rover configuration till 100 km lunar orbit. The propulsion module has Spectro-polarimetry of Habitable Planet Earth (SHAPE) payload to study the spectral and Polari metric measurements of Earth from the lunar orbit.

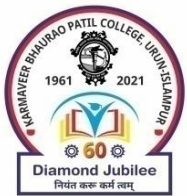
Lander payloads: Chandra's Surface Thermophysical Experiment (ChaSTE) to measure the thermal conductivity and temperature; Instrument for Lunar Seismic Activity (ILSA) for measuring the seismicity around the landing site; Langmuir Probe (LP) to estimate the plasma density and its variations. A passive Laser Retroreflector Array from NASA is accommodated for lunar laser ranging studies.

Rover payloads: Alpha Particle X-ray Spectrometer (APXS) and Laser Induced Breakdown Spectroscope (LIBS) for deriving the elemental composition in the vicinity of landing site.

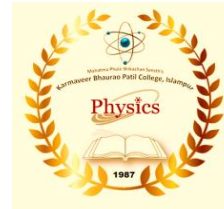
Chandrayaan-3 consists of an indigenous Lander module (LM), Propulsion module (PM) and a Rover with an objective of developing and demonstrating new technologies required for Inter planetary missions. The Lander will have the capability to soft land at a specified lunar site and deploy the Rover which will carry out in-situ chemical analysis of the lunar surface during the course of its mobility. The Lander and the Rover have scientific payloads to carry out experiments on the lunar surface. The main function of PM is to carry the LM from launch vehicle injection till final lunar 100 km circular polar orbit and separate the LM from PM. Apart from this, the Propulsion Module also has one scientific payload as a value addition which will be operated post separation of Lander Module. The launcher identified for Chandrayaan-3 is LVM3 M4 which will place the integrated module in an Elliptic Parking Orbit (EPO) of size ~170 x 36500 km.

The lecture also discussed about the possibilities and reach abilities of research and development in ISRO field, opportunities in Research areas with authenticated explanations.

After his lecture the students were given time to interact with him. Students felt that the session was more informative and interactive. At the end of the guest lecture, two students gave their feedback, and explained how they were benefited.



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
2023-24



Class-BSc-I/II/III

Date:-07/10/2023


All the Students of B.Sc-I/II/III are here by informed that,
The Department of Physics conduct a Guest lecture on
“Chandrayaan-3” ,Dated- 11th Octo. 2023.

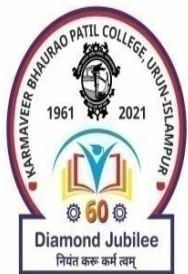
All the student are requested to present for the Guest
Lecture.

Venue:-Seminar Hall (G-14)

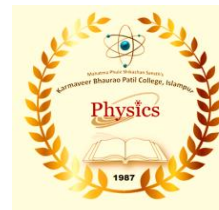
Time:- 12.30 pm to 2.00 pm




Head
Department of Physics
Karmaveer Bhaurao Patil College
Urun-Islampur, Dist-Sangli-415409



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
GUEST LECTURE
“ CHADRAYAAN-3 ”



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
17.0571984°

Longitude
74.2687541°

Local 01:01:29 PM
GMT 07:31:29 AM

Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
17.0572049°

Longitude
74.2687575°

Local 01:05:47 PM
GMT 07:35:47 AM

Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3

Program Introduction by Dr. Prakash Chavan

/

Introduction of Guest by Mr.Sagar Pardhi



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
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Longitude
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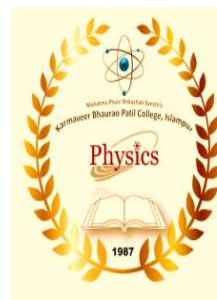
Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3

**Felicitatation of Resource person of guest lecture Mr.Pruthviraj Shinde
by Principal Dr.Arun Patil**



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
GUEST LECTURE
“ CHADRAYAAN-3 ”



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

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Longitude
74.2687532°

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GMT 07:39:02 AM

Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
17.0572015°

Longitude
74.2687572°

Local 01:09:15 PM
GMT 07:39:15 AM

Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3

Felicitation of Pri. Dr.Arun Patil by Prof. Nitin Shinde Sir & Felicitation of Prof. Nitin Shinde Sir by Mr.Sagar Pardhi



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
17.05718922°

Longitude
74.26877631°

Local 01:16:57 PM
GMT 07:46:57 AM

Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
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Longitude
74.2687597°

Local 12:57:23 PM
GMT 07:27:23 AM

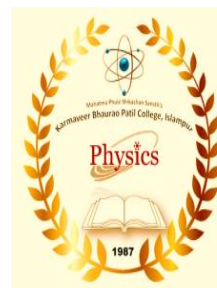
Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayaan -3

Mr.Pruthviraj Shinde deliver Lecture on “ Chandrayaan -3 ”



Mahatma Phule Shikshan Sanstha's
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URUN-ISLAMPUR
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Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
17.0572076°
Local 01:51:13 PM
GMT 08:21:13 AM

Longitude
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Altitude 589 meters
Wednesday, 11.10.2023

Latitude
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Local 01:55:37 PM
GMT 08:25:37 AM

Longitude
74.2687575°
Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayan -3

Note : Guest Lecture- Chandrayan -3

Presidential speech by Principal Dr. Arun Patil sir

&

Vote of thanks of program by Mrs. Shubhada Shinde



Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude
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Longitude
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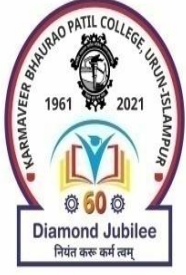
Altitude 589 meters
Wednesday, 11.10.2023

Note : Guest Lecture- Chandrayan -3

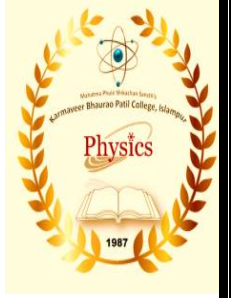
Group Photograph of Program



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Hood
Department of Physics
Karmaveer Bhaurao Patil College
Urun-Islampur, Dist-Sangli-415409



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
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जनप्रवास

चांद्रयान मोहिमेमुळे भारताकडे पाहण्याचा जगाचा दृष्टिकोण बदलला

डॉ. पृथ्वीराज शिंदे

जनप्रवास । प्रतिनिधी
इस्लामपूर : भारताच्या चांद्रयान-मोहिमेच्या यशस्वीतेमुळे चंद्रावर माणूस पाठवण्याच्या इच्छेच्या गगनयान मोहिमेला आता बळ मिळाले आहे. आंतरराष्ट्रीय स्तरावर भारताकडे बघण्याचा जगाचा दृष्टिकोण बदलला आहे. देशाच्या भविष्यातील वाटचालीसाठी या मोहिमेचा उपयोग होणार आहे, असे प्रतिपादन चांद्रयान मोहिमेत सहभागी असलेले वैज्ञानिक डॉ. पृथ्वीराज शिंदे यांनी केले. येथील कर्मवीर भाऊराव पाटील कॉलेजमधील भौतिकशास्त्र विभागाच्या वतीने आयोजित चांद्रयान-मोहिमेची यशोगाथा या विषयावर आयोजित व्याख्यानप्रसंगी बोलात होते. प्राचार्य डॉ. अरुण पाटील कार्यक्रमाचे उद्घाटन केले.

Date : 14-Oct-2023 | Page No. 9

सांगली

चंद्रयान मोहिमेमुळे जगात भारताचा नावलौकिक

प्रतिनिधी
इस्लामपूर : चांद्रयान-३ मोहिमेच्या यशस्वीतेमुळे चंद्रावर माणूस पाठवण्याच्या इच्छेच्या 'गगनयान' मोहिमेला आता बळ मिळाले आहे. आंतरराष्ट्रीय स्तरावर भारताकडे बघण्याचा जगाचा दृष्टिकोण बदलला आहे. देशाच्या भविष्यातील वाटचालीसाठी या मोहिमेचा उपयोग होणार आहे, असे प्रतिपादन चांद्रयान मोहिमेत सहभागी असलेले वैज्ञानिक डॉ. पृथ्वीराज शिंदे यांनी केले. येथील कर्मवीर भाऊराव पाटील कॉलेजमधील भौतिकशास्त्र विभागाच्या वतीने आयोजित 'चांद्रयान -३ मोहिमेची यशोगाथा' या विषयावर आयोजित व्याख्यानप्रसंगी प्रमुख वक्तें म्हणून ते बोलात होते. प्राचार्य डॉ. अरुण पाटील कार्यक्रमाचे उद्घाटन केले. डॉ. शिंदे पुढे म्हणाले, चांद्रयान मोहिमेचा प्रवास खडतर आणि आव्हानात्मक होता. विक्रम लॅंडरसह ऑर्बिटर आणि प्रज्ञान बग्गीच्या चंद्रावरील प्रक्षेपणासाठी लेखाबोळा मांडणे जितके चितवेधक होते, तितकेच ते उत्सुकता ताणणारेही होते. तीन लाख चौघांपेक्षा हजेरा किलोमीटर अंतरावरून प्रज्ञान बग्गीला पृथ्वीवरून कंट्रोल करणे मोठे कष्टप्रद होते. मात्र हे आव्हान भारतीय वैज्ञानिकांनी पेलले. यावेळी उद्घाटनार्थ डॉ. नितीन शिंदे, सामन्स विद्याशाखाप्रमुख डॉ. एस.ए. कांबळे, संतोष वाटेगावकर, पांडुरंग येंजारी उपस्थित होते. डॉ. प्रकाश चव्हाण यांनी स्वागत आणि प्रास्ताविक केले. डॉ. सागर पारपी यांनी पाहण्याचा परिचय करून दिला.

चांद्रयानमुळे गगनयान मोहिमेला बळ

शास्त्रज्ञ डॉ. पृथ्वीराज शिंदे यांचे मत : भविष्यातील वाटचालीसाठी उपयुक्त

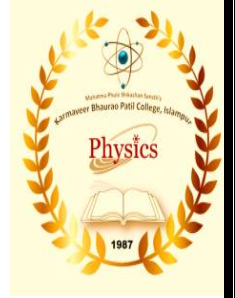
इस्लामपूर : पुढारी वृत्तसेवा
भारताच्या चांद्रयान-३ मोहिमेच्या अद्भुत यशस्वीतेमुळे चंद्रावर माणूस पाठवण्याच्या इच्छेच्या गगनयान मोहिमेला आता बळ मिळाले आहे. आंतरराष्ट्रीय स्तरावर भारताकडे बघण्याचा जगाचा दृष्टिकोण बदलला आहे. देशाच्या भविष्यातील वाटचालीसाठी या मोहिमेचा उपयोग होणार आहे, असे प्रतिपादन चांद्रयान मोहिमेत सहभागी असलेले वैज्ञानिक डॉ. पृथ्वीराज शिंदे यांनी केले. येथील कर्मवीर भाऊराव पाटील कॉलेजमधील भौतिकशास्त्र विभागाच्या वतीने आयोजित चांद्रयान-३ मोहिमेची यशोगाथा या विषयावर आयोजित व्याख्यानात ते

बोलात होते. ते म्हणाले, चांद्रयान मोहिमेचा प्रवास खडतर आणि आव्हानात्मक होता. विक्रम लॅंडरसह ऑर्बिटर आणि प्रज्ञान बग्गीच्या चंद्रावरील प्रक्षेपणासाठी लेखाबोळा मांडणे जितके चितवेधक होते, तितकेच ते उत्सुकता ताणणारेही होते. तीन लाख चौघांपेक्षा हजेरा किलोमीटर अंतरावरून प्रज्ञान बग्गीला पृथ्वीवरून कंट्रोल करणे मोठे कष्टप्रद होते. मात्र हे आव्हान भारतीय वैज्ञानिकांनी पेलले. उद्घाटनार्थ डॉ. नितीन शिंदे, सामन्स विद्याशाखा प्रमुख डॉ. एस.ए. कांबळे, संतोष वाटेगावकर, पांडुरंग येंजारी उपस्थित होते. डॉ. प्रकाश चव्हाण यांनी स्वागत केले. प्रा. तुषार शिंदे यांनी आपार मानले.

My Sangli Edition
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“ CHADRAYAN-3 ”

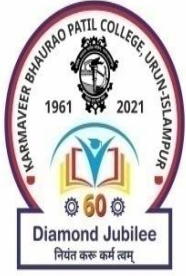


Mahatma Phule Shikshan Sanstha's
Karmaveer Bhaurao Patil College, Islampur
Department Of Physics
Programme Attendance Sheet
Title of Activity:- Guest lecture on 'Opportunities in ISRO'
Day & Date: Wednesday, 11th October 2023 at 12.30 pm
Venue:- G-14, Seminar Hall, K.B.P. college, Islampur

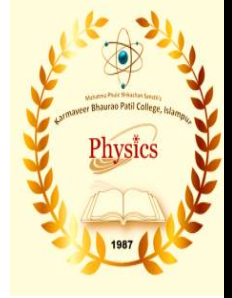
Sr. No.	Name of Student	Sign	Sr. No.	Name of Student	Sign
1	Poonam chavan	<i>Poonam</i>			
2	Sayali Kadam	<i>Sayali</i>			
3	Rutuja Rajendrasingare	<i>Rutuja</i>			
4	Mansi Sanjay chavan	<i>Mansi</i>			
5	Neeta uttam Jadhav	<i>Neeta</i>			
6	Mayur Rajendra Nakande	<i>Mayur</i>			
7	Vaishnavi Ramesh More	<i>Vaishnavi</i>			
8	Sushekha Subhash More	<i>Sushekha</i>			
9	Sakshi Satish Tongre	<i>Sakshi</i>			
10	Gayatri Nandkishor Yashwanth	<i>Gayatri</i>			
11	Pranali Shashikant Subhakar	<i>Pranali</i>			
12	Pawar Ankita P	<i>Pawar</i>			
13	Rachika Nandkumar Jadhav	<i>Rachika</i>			
14	Sheela Rajendra Gaurav	<i>Sheela</i>			
15					
16					
17					
18					
19					
20					

Mahatma Phule Shikshan Sanstha's
Karmaveer Bhaurao Patil College, Islampur
Department Of Physics
Programme Attendance Sheet
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Day & Date: Wednesday, 11th October 2023 at 12.30 pm
Venue:- G-14, Seminar Hall, K.B.P. college, Islampur

Sr. No.	Name of Student	Sign	Sr. No.	Name of Student	Sign
1	Sneha V. Honmore	<i>Sneha</i>	21	Susaj Mameshwar Patil	<i>Susaj</i>
2	Nisha Vilas Lakhe	<i>Nisha</i>	22	Sarvam Sunil Nongar	<i>Sarvam</i>
3	Neha Sachin Mali	<i>Neha</i>	23	Sanskrit Sachin Desai	<i>Sanskrit</i>
4	Komal Krishna pati	<i>Komal</i>			
5	Divya Dhonaji Patil	<i>Divya</i>			
6	Pragati Madhendra chavan	<i>Pragati</i>			
7	Jash Sanjay Patil	<i>Jash</i>			
8	Pandurang R. Vaidya	<i>Pandurang</i>			
9	Soel Z. Sheikh	<i>Soel</i>			
10	Vijay K. Hirave	<i>Vijay</i>			
11	Mayuresh B. Jyoti	<i>Mayuresh</i>			
12	Harshad T. Kesare	<i>Harshad</i>			
13	Shivraj. H. Ingawale	<i>Shivraj</i>			
14	Pratik. R. Jadhav	<i>Pratik</i>			
15	Koli Raj Patangar	<i>Koli</i>			
16	Patil Avadhut A.	<i>Patil</i>			
17	Mane Ajinkya S.	<i>Mane</i>			
18	Mandote Soham R.	<i>Mandote</i>			
19	Suryawanshi Gaurav	<i>Suryawanshi</i>			
20	Bhaskar W. Khun	<i>Bhaskar</i>			



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
GUEST LECTURE
" CHADRAYAN-3 "



Mahatma Phule Shikshan Sanstha's
Karmaveer Bhaurao Patil College, Islampur
Department Of Physics
Programme Attendance Sheet

Title of Activity:- Guest lecture on 'Opportunities in ISRO'

Day & Date: Wednesday, 11th October 2023 at 12.30 pm

Venue:- G-14 , Seminar Hall, K.B.P. college, Islampur

1) Sanket Hambirao Namare	22	Nihal Mahamud Kugod	23	Aniket Anandale Alugade
2) Baikunth Suresh Sandale	23	Rohin Sampatirao Patil	24	Vikas shekhar Pujari
3) Ronit satish Uthale	24	Daashan Shankar Chauhan	25	Mulani Arin Nasir
4) Vinayak Mahik Mahalik	25	Sisal Aryan Lokesh	26	Ritesh mansing kadam
5) Vazal Mukund	26	peatiksha P Dongare	27	Simson Samie Nade
6) Pawan Khot	27	saikhi shajirav Patil	28	
7) Moin S. Shikhar	28		29	
8) SAE Chauhan	29		30	
9) Shivendra Mohite	30		31	
10) Anuj Chotke	31		32	
11) Ankuush Mane	32			
12) Arishkar Patil				
13) Rushikesh Patil				
14) Sanket Yadav				
15) Adesh Mulik				
16) Sanket Dhawal				
17) Sahil Desai				
18) Patil Shreyas V.				
19) Patil Samrudhhi S.				
20) Patil Gayatri S.				
21) Kulkarni Jyoti Prashant				

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Venue:- G-14 , Seminar Hall, K.B.P. college, Islampur

Sr. No.	Name of Student	Sign	Sr. No.	Name of Student	Sign
1	Pallavi Prakash Mane	Mane			
2	Shrutika Arjun Patil	Patil			
3	Anuja Lakshman Patil	Patil			
4	Samiksha Vikas Patil	Patil			
5	Sakshi Madhukar Patil	Patil			
6	Snehal Sanjay Gaikwad	Gaikwad			
7	Gayatri Rajendra kumbhar	Kumbhar			
8	Tomake Snehal sumi	Tomake			
9	Sanika Vishnu Boruge	Boruge			
10	Vaishnavi Mahadev Patil	Patil			
11	Sakshi Balu Patil	Patil			
12					
13					
14					
15					



Hoad
Department of Physics
Karmaveer Bhaurao Patil College
Urun-Islampur, Dist-Sangli-415409