

*Mahatma Phule Shikshan Sanstha's*

**Karmaveer Bhaurao Patil College, Islampur**  
**Department of Physics**

*Organized*

*Guest lecture on*

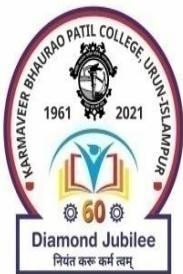
**“Chandrayaan-3”**

*Wednesday, 11<sup>th</sup> October 2023, At 12.30 pm*

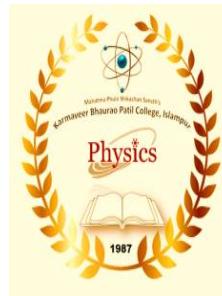
**Program Schedule**

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 BHAUROAO PATIL COLLEGE,**  
**URUN-ISLAMPUR**  
**DEPARTMENT OF PHYSICS**  
**GUEST LECTURE**  
**“ CHADRAYAAN-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 Polarimetric measurements of Earth from the lunar orbit.

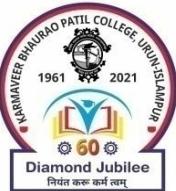
**Lander payloads:** Chandra's Surface Thermophysical Experiment (ChaSTE) to measure the thermal conductivity and temperature; Instrument for Lunar Seismic Activity (ILSA) for measuring the seismicity around the landing site; Langmuir Probe (LP) to estimate the plasma density and its variations. A passive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

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

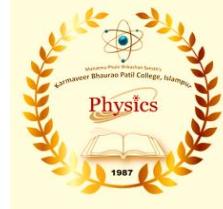
Chandrayaan-3 consists of an indigenous Lander module (LM), Propulsion module (PM) and a Rover with an objective of developing and demonstrating new technologies required for Inter planetary missions. The Lander will have the capability to soft land at a specified lunar site and deploy the Rover which 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- 11<sup>th</sup> Octo. 2023.

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

**Venue:-Seminar Hall (G-14)**

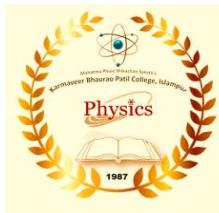
**Time:- 12.30 pm to 2.00 pm**



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



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URUN-ISLAMPUR  
DEPARTMENT OF PHYSICS  
GUEST LECTURE  
“ CHANDRAYAAN-3 ”**



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

Latitude  
17.0571984°

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

Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687541°

Altitude 589 meters  
Wednesday, 11.10.2023



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

Latitude  
17.0572049°

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

Note : Guest Lecture- Chandrayan -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  
17.0572016°

Local 01:08:12 PM  
GMT 07:38:12 AM

Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687584°

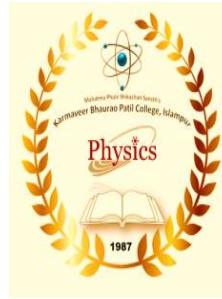
Altitude 589 meters  
Wednesday, 11.10.2023



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



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“ CHANDRAYAAN-3 ”**



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

Latitude  
17.0571863°

Local 01:09:02 PM  
GMT 07:39:02 AM

Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687532°

Altitude 589 meters  
Wednesday, 11.10.2023

Latitude  
17.0572015°

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

Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687572°

Altitude 589 meters  
Wednesday, 11.10.2023

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

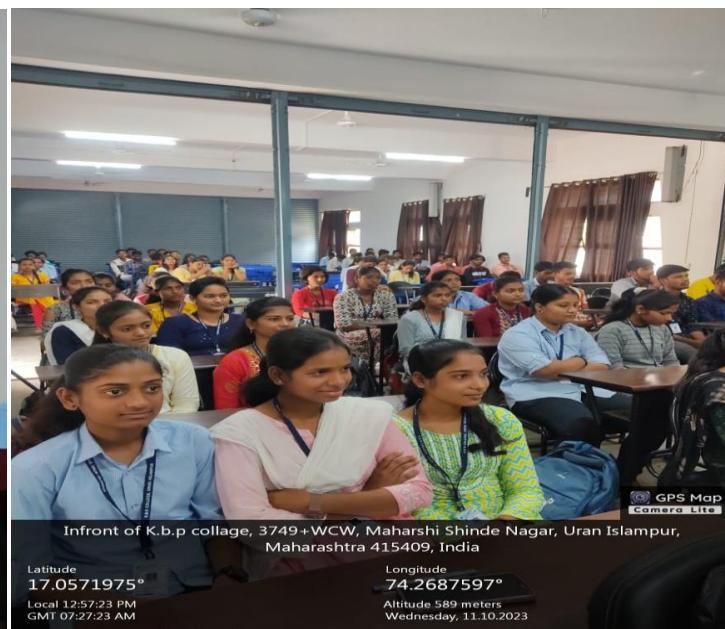


Infront of K.b.p collage, 3749+WCW, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

Latitude  
17.05718922°  
Local 01:16:57 PM  
GMT 07:46:57 AM

Note : Guest Lecture- Chandrayan -3

Longitude  
74.26877631°  
Altitude 589 meters  
Wednesday, 11.10.2023



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

Latitude  
17.0571975°  
Local 12:57:23 PM  
GMT 07:27:23 AM

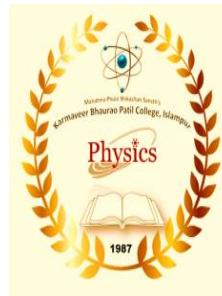
Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687597°  
Altitude 589 meters  
Wednesday, 11.10.2023

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



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" CHADRAYAAN-3 "



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

Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687492°

Altitude 589 meters

Wednesday, 11.10.2023



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

Latitude  
17.0572078°

Local 01:55:37 PM

GMT 08:25:37 AM

Note : Guest Lecture- Chandrayan -3

Longitude  
74.2687575°

Altitude 589 meters

Wednesday, 11.10.2023

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

17.0571998°

Local 01:59:30 PM

GMT 08:29:30 AM

Note : Guest Lecture- Chandrayan -3

Longitude

74.2687575°

Altitude 589 meters

Wednesday, 11.10.2023

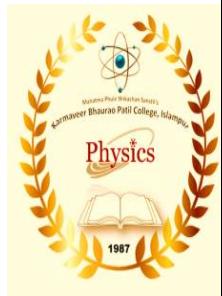
Group Photograph of Program



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



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“ CHADRAYAAN-3 ”**



तर्हया भारत—  
**सांगणी**  
No. 42 अक्टूबर 2012

# चंद्रयान मोहिमेमुळे जगात भारताचा नावलौकिक

प्रतिविष्टी  
इस्लामपूर

भारताच्या चांदाचा—३ मोहिमेच्या  
यशस्वीतेतुले चांदावर भाग्याचा  
पालक्षण्याचा इश्वर यांगायाना  
मोहिमेला आता बळ मिळाला आहे.  
आतरराष्ट्रीय सराववर भारताच्ये  
चंद्रयानचा जगाचा दुष्कृतीचा बरलाला  
आहे. देशाचा या भविष्यातील  
वाटकांतीसाठी या भोवितव्यात उपायग  
होणाऱ्या आहे, असे प्रतिविष्टान  
चांदावर, मोहिमेस राहणारी  
असावले वैज्ञानिक डॉ. पुर्वीराज शिंदे  
यांनी केले.

येथील कर्मींमध्ये भाऊराज पाटील  
कॅलेजपाली विभागाच्यावरीनी  
विभागाच्यावरीनी आयोजित  
“चंद्रयान—३ मोहिमेच्या यशस्वीना”  
या विभागाचा आयोजित  
अव्यापक संस्कृत वैद्युत कंपनीने  
प्रायोगिक वैद्युत कंपनीने त  
वालांही प्रायोगिक डॉ. अरुण  
पाटील कॅलेजपाली अव्यापक होते.  
डॉ. शिंदे पुर्वी यशस्वी, चांदाच्याना  
मोहिमेच्या प्रवास खडकर आणि  
आवानामानक क्षेत्रात होता. विकास  
लंब्धीरह आविष्टर आणि प्रवास  
वर्गाची चांदावर भाग्याचीचा



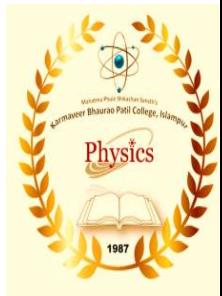
इस्लामपूर : कार्यक्रमात योलालाना  
डॉ. पुर्वीराज शिंदे.

लेखांतीला माझांनी जितके विवरावेक  
होते, तितके ते उत्कृष्ट तीन लाख  
चौपाँशी डॉजर विलोनिमेट्र  
अवैश्वरण प्रक्रिया पुरुषवैज्ञ  
कंपनीला करणे योंदी कृष्ण होते. माव  
हैं आवान भारतीय वैज्ञानिकीनी  
पेशवा.

यावळी उपचाराच्या डॉ. डीन  
शिंदे, सायपस विविधाताप्रमुख डॉ.  
एस.ए. कांडेल, संस्तीत वाटेंगावकर,  
पांडुरंग कृष्णार्जुन उपायांही होते. डॉ.  
प्रकाश वळकण यांनी खात्रात आणि  
प्रासादातिक केले. डॉ. डीन शिंदे  
यांनी पाहुण्याचा परिचय करून  
दिला.



**Mahatma Phule Shikshan Sanstha's**  
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**DEPARTMENT OF PHYSICS**  
**GUEST LECTURE**  
**“ CHADRAYAAN-3 ”**



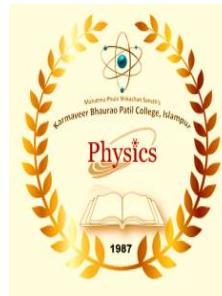
*Mahatma Phule Shikshan Sanstha's*  
**Karmaveer Bhaurao Patil College, Islampur**  
**Department Of Physics**  
**Programme Attendance Sheet**  
**Title of Activity:- Guest lecture on 'Opportunities in ISRO'**  
**Day & Date: Wednesday, 11th October 2023 at 12.30 pm**  
**Venue:- G-14 , Seminar Hall,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

Sr. No.	Name of Student	Sign	Sr. No.	Name of Student	Sign
1	poonam chavhan	Chavhan			
2	Sayali Kadarn	Chavhan			
3	Rutuja Rajendra shingare	Shingare			
4	Mansi Sanjay chavhan	Chavhan			
5	Neeta uttam jadhav	Jadhav			
6	Mayuri Rajendra Nimbalkar	Nimbalkar			
7	Vaidhnavi Ramesh More	More			
8	Sneekha Subhash More	More			
9	Sakshi Satish Tonope	Tonope			
10	Gayatri Nandkishor Yadav patil	Yadav patil			
11	Pranali shashikant subodh	Subodh			
12	Pawar Ankita. P	Pawar			
13	Rachika Nandkumar Jadhav	Jadhav			
14	sheetkari Rajendra Gaikwad	Gaikwad			
15					
16					
17					
18					
19					
20					

<i>Mahatma Phule Shikshan Sanstha's</i> <b>Karmaveer Bhaurao Patil College, Islampur</b> <b>Department Of Physics</b> <b>Programme Attendance Sheet</b>					
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Sr. No.	Name of Student	Sign	Sr. No.	Name of Student	Sign
1	Sneha V. Honmore	Honmore	21	Suraj Maneshwar Patil	Patil
2	Nisha vilas Lokhe	Lokhe	22	Sorvam Sunil Nongpe	Nongpe
3	Neha Sachin Mali	Mali	23	Sonskar Sachin Desai	Desai
4	Komal Krishne patil	Patil			
5	Divya Bhagaji Patil	Patil			
6	Pragati Machindra chavhan	Chavhan			
7	Yash Sanjay Patil	Patil			
8	Prudhwanig. R. Venkayya	Venkayya			
9	Soeel J. Shekh	Shekh			
10	Vijay K. Hiravne	Hiravne			
11	Mayureesh B. Jaypal	Jaypal			
12	Harshad T. Kesare	Kesare			
13	Shivooj. D. Ingawade	Ingawade			
14	Pratik. R. Jadhav	Jadhav			
15	Koli Raj Patangare	Patangare			
16	Patil Avadhut A.	Patil			
17	Mane Ajinkya S.	Ajinkya			
18	Mondale Soham R.	Prab			
19	Suryawanshi Gaurav	Gaurav			
20	Premkumar Lekhun	Lekhun			



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**Karmaveer Bhaurao Patil College, Islampur**  
**Department Of Physics**

**Programme Attendance Sheet**

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

1)	Sanket Hembireo	22	Nihal Mohamud kagod	✓
2)	Gaurav Sudesh Sandeep	23	Aniket Ananda Alyade	✓
3)	Ronit satish vthale	24	Rohan Sampatrao Patil	✓
4)	Vihayak Manik Mahale	25	Vikas shankar Pyare	✓
5)	Vaazad Mukund	26	Daashan Shankar Chauhan	✓
6)	Pawan khot	27	Mulani Arin Nasir	✓
7)	Maini S. Shikare	28	Sisal Ayan Lokesh.	✓
8)	Sai Chowdhury	29	Ritesh mansing kadam	✓
9)	Shivendra Mohite	30	Pratiksha P Dongare	✓
10)	Anuj Chathe.	31	Simton Samir Nadeem	✓
11)	Ankush Mane.		Sakshi Sharjana Pathi	✓
12)	Aristikar Patil			
13)	Rutikesh Patil			
14)	Sanket Yadav			
15)	Dhadesh Mulik			
16)	Sanket Dhurmal			
17)	Sahil Desai			
18)	Patil Shreya V.			
19)	Patil Samridhhi S.			
20)	Patil Gayatri S.			
21)	Kulkarni Jay Prashant			

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



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