



Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR

DEPARTMENT OF PHYSICS

Name of the Programme : **Career Opportunities in Archaeological -
Physics, Paleo-physics and Geophysics.**

Date of the Programme : 9/10/2025

Number of Participants : 100

Hosted by : Dept. of Physics

Resource Person : Mr. Prabodh Deshmukh

Notice



DR. AMBEDKAR COLLEGE
DEEKSHABHOOMI, NAGPUR

Department of Physics

Date: 06/10/2025

Notice

All Teaching (Senior College & Junior College Staff Members) and Non-teaching staff are hereby informed that the Department of Physics is organizing 'Installation and Inauguration of Physics Society' on **Thursday, 9th October, 2025 at 10.30 A.M.** in the **Adv. Dadasaheb Kumbhare Hall.**

All should attend the program positively.

Head
(Dr. A. N. Wazalwar)

**Head & Professor,
Dept. of Physics
Dr. Ambedkar College,
Deekshabhoomi,
NAGPUR.**



Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR DEPARTMENT OF PHYSICS

The Department of Physics at Dr. Ambedkar College, Deekshabhoomi, Nagpur, successfully conducted a guest lecture on “Career Opportunities in Archaeological physics, Paleophysics and Geophysics.” was organized to enhance students’ understanding of Earth science and the evolution of our planet. The session was conducted by Mr. Prabodh Deshmukh, a respected geologist and researcher known for his deep knowledge of rocks and minerals. He was formal professor in RTMNU. The main objective of the lecture was to introduce students to the formation, classification, and historical significance of ancient stones used by early civilizations. Through practical demonstrations and engaging explanations, Mr. Deshmukh helped students explore how stones not only shape the Earth’s surface but also reveal valuable information about the history of mankind and natural processes.

He started his lecture initially by explaining how **Geophysics, Archaeological physics, and Paleo physics**, these fields apply physical principles to explore the Earth’s history, ancient artifacts, and prehistoric life. With a strong foundation in mathematics, mechanics, waves, electromagnetism, and radiation, physics students are well-prepared for advanced study or field-based research. Careers in **Geophysics** involve studying Earth’s structure, natural resources, earthquakes, and environmental processes using seismic, magnetic, and electrical methods. **Archaeological physics** focuses on non-destructive techniques like ground-penetrating radar, radiometric dating, and imaging to study ancient artifacts and buried structures. **Paleophysics** applies physical tools to analyze fossils, minerals, and climatic conditions of prehistoric eras. He guided the students that Physics graduates can pursue specialized master’s programs, work with geological survey organizations, museums, research labs, universities, archaeological departments, environmental agencies, oil and gas companies, and conservation projects—offering a unique blend of science, exploration, and historical discovery. He also discussed how ancient civilizations made use of these stones for building monuments, tools, and sculptures, demonstrating their early understanding of Earth’s materials. various types of rocks igneous, sedimentary, and metamorphic were formed over millions of years through natural geological processes.

The session included an interactive demonstration where Mr. Deshmukh displayed different rock and mineral samples, explaining their properties, colors, and uses. Students were



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fascinated to learn how stones like granite, sandstone, and limestone played a vital role in ancient architecture, including temples, forts, and sculptures found across India.

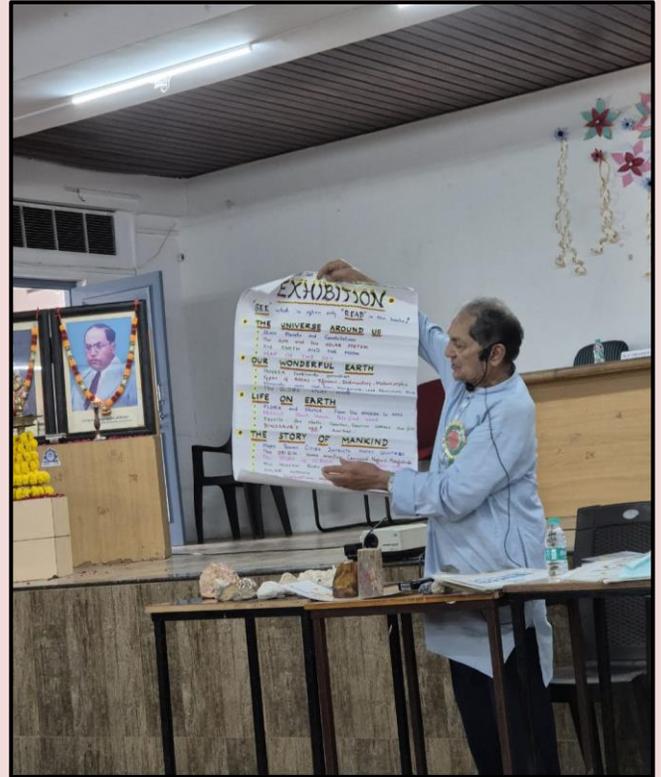
He also linked the study of ancient stones to archaeology and earth science, emphasizing their importance in understanding the evolution of life on Earth and the story of mankind. The lecture helped students connect theoretical knowledge with real-world examples, sparking curiosity about geology and the natural history of our planet.

The lecture by Mr. Prabodh Deshmukh taught us that stones are not just lifeless objects but storytellers of Earth's long and fascinating history. Every rock and mineral holds clues about the planet's formation, evolution, and the life that once existed. The moral of the session is that we should value and preserve the natural resources of our Earth, understand their scientific and cultural importance, and stay curious about the wonders of nature that surround us. True learning comes when we connect knowledge with observation and respect for our planet.



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PHOTOGRAPHS:





Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR

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Attendance:

| DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR | | | | | | | | |
|--|-------------------------|--------------------|----|-------------------------------|--------------------|----|-----------------|-----------|
| DEPARTMENT OF PHYSICS | | | | | | | | |
| Program Name: Inauguration and Installation of Physics society | | | | | | | | |
| (ATTENDANCE SHEET 2025-26) (B.Sc.-I Year) Major Students | | | | | | | | |
| SN | NAME OF STUDENT | SIGNATURE | SN | NAME OF STUDENT | SIGNATURE | SN | NAME OF STUDENT | SIGNATURE |
| 1 | Aarav A. Kanekar | <i>[Signature]</i> | 17 | Rehan Raza Mohd Siraj Mansuri | | 33 | | |
| 2 | Aarya S. Bopche | | 18 | Roshan R. Panjrahi | | 34 | | |
| 3 | Alifa Sheikh | | 19 | Sahani Bhandari | | 35 | | |
| 4 | Amit A. Jitode | <i>[Signature]</i> | 20 | Samilesha Gupta | | 36 | | |
| 5 | Anuradha M. Sahu | | 21 | Shivam Gupta | <i>[Signature]</i> | 37 | | |
| 6 | Atharv S. Kamble | <i>[Signature]</i> | 22 | Shriya Sashwat | <i>[Signature]</i> | 38 | | |
| 7 | Bhagyashri R. Khandekar | | 23 | Tanashree D. Patil | | 39 | | |
| 8 | Bharat B. Verma | <i>[Signature]</i> | 24 | Trisha Wankhede | | 40 | | |
| 9 | Chaitanya R. Gajbhiye | <i>[Signature]</i> | 25 | Trishya Y. Wanjari | <i>[Signature]</i> | 41 | | |
| 10 | Divya R. Jaiswal | <i>[Signature]</i> | 26 | Uddesh R. Patil | <i>[Signature]</i> | 42 | | |
| 11 | Jaya Sapkal | <i>[Signature]</i> | 27 | Vaishani B. Dongre | <i>[Signature]</i> | 43 | | |
| 12 | Lalak S. Mahajan | <i>[Signature]</i> | 28 | Vanshika V. Dongre | <i>[Signature]</i> | 44 | | |
| 13 | Om D. Vaidya | <i>[Signature]</i> | 29 | Vishal B. Dhikar | | 45 | | |
| 14 | Palak A. Warthi | <i>[Signature]</i> | 30 | Viveshi V. Chavhan | <i>[Signature]</i> | 46 | | |
| 15 | Priyanka R. Bagadi | <i>[Signature]</i> | 31 | Yash S. Kamble | <i>[Signature]</i> | 47 | | |
| 16 | Purva Ehede | | 32 | Harshal Borkar | <i>[Signature]</i> | 48 | | |

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|--|--------------------|--------------------|----|-----------------------|--------------------|----|------------------------|--------------------|
| DEPARTMENT OF PHYSICS | | | | | | | | |
| Program Name: Inauguration and Installation of Physics society | | | | | | | | |
| (B.Sc.-II Year) (ATTENDANCE SHEET 2025-26) | | | | | | | | |
| SN | NAME OF STUDENT | SIGNATURE | SN | NAME OF STUDENT | SIGNATURE | SN | NAME OF STUDENT | SIGNATURE |
| 1 | ACHAL DIPAK WASNIK | <i>[Signature]</i> | 17 | NANDINI NARENDRA KALE | <i>[Signature]</i> | 33 | VANSHIKA MUKESH SINGH | |
| 2 | ANISHA D. MADAVI | | 18 | NIDHI SUNIL TAYDE | | 34 | VIKAS SANTOSH SHUKLA | <i>[Signature]</i> |
| 3 | ANUSHKA M. CHAKE | | 19 | NITISH HEMANT KAMBLE | | 35 | VINIT SUBHASH PANGHATE | <i>[Signature]</i> |

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| Program Name: Inauguration and Installation of Physics society | | | | | | | | |
| (B.Sc.-III Year) (ATTENDANCE SHEET 2025-26) | | | | | | | | |
| SN | NAME OF STUDENT | SIGNATURE | SN | NAME OF STUDENT | SIGNATURE | SN | NAME OF STUDENT | SIGNATURE |
| 1 | ADITI KRISHNA SHAHANE | | 17 | PAYAL BALU BHIDE | <i>[Signature]</i> | 33 | SONU ULHAS KUHIKAR | |
| 2 | ANUSHKA RAMDAS LILHARE | <i>[Signature]</i> | 18 | POOJA DHARMENDRA HURMADE | | 34 | SUHANU NANAJI PATLE | |
| 3 | ANUSHRI RAHUL SHENDE | | 19 | PORNIMA RAMESH BORKAR | | 35 | TANISHA DHARMADAS KOCHER | |
| 4 | ARCHITA JAGESHWAR BHOTMANGE | | 20 | PRANJALI NAMDEO LANJEWAR | <i>[Signature]</i> | 36 | TANUSHREE SATISH CHOUPAGAR | |
| 5 | ARPIA RAJENDRA RAJPUT | <i>[Signature]</i> | 21 | PRANJALI RAJESH SHEKHE | <i>[Signature]</i> | 37 | URMILA BAKANNA ALLURI | <i>[Signature]</i> |
| 6 | AVANI YOGESH BANKAR | | 22 | PRANJALI SUNIL GANER | <i>[Signature]</i> | 38 | URVASHI MUKESH KAMBLE | <i>[Signature]</i> |
| 7 | BHAGYASHRI YUVRAJ BAGALKAR | <i>[Signature]</i> | 23 | RANI VASANTA GONDANE | | 39 | VAISHNAVI GAJANAN LAMSE | <i>[Signature]</i> |
| 8 | DISHA MADAN SHENDE | <i>[Signature]</i> | 24 | RASHI MANISH JIBHENKAR | | 40 | VANSHIKA DEVDATT BAGDE | |
| 9 | KHUSHI D. KUMARI | | 25 | RIYA BHUJANGRAO SHENDE | | 41 | YASHASHREE ANIL MORE | <i>[Signature]</i> |
| 10 | KHUSHI JAYANT SHENDE | | 26 | ROSHANI GANGADHAR KANOJE | | 42 | ABHISHEK JAGDISH MOHOD | |
| 11 | KHUSHI SANJAY MOHARLE | <i>[Signature]</i> | 27 | SAKSHI VIJAY DABHADE | | 43 | ADITYA ARUN KHAWASE | |
| 12 | MITALI ALANKAR JANBANDHU | | 28 | SAMIKSHA AVINASH NAIK | | 44 | ADITYA NARENDRA CHAPARE | <i>[Signature]</i> |
| 13 | MITALI PRAVIN DESHMUKH | | 29 | SANIYA SACHIN SONARKAR | | 45 | AKANKSH TULIDAS RANGARI | |
| 14 | MOHINI PREMLAL SHENDE | <i>[Signature]</i> | 30 | SANIYA SUBHASH PATIL | | 46 | ANKIT LALKISHAN BHAGAT | |
| 15 | NARUKA RAMCHANDRA SAWARKAR | <i>[Signature]</i> | 31 | SHIVANI DEVIDAS KANNAKE | <i>[Signature]</i> | 47 | ANSH SOMESHWAR MAKODE | <i>[Signature]</i> |
| 16 | NANDINI SACHIN UKEY | | 32 | SHRUTI SATPURUSH SHAHARE | | 48 | ARTHAV SANJAY TIRPUDE | |

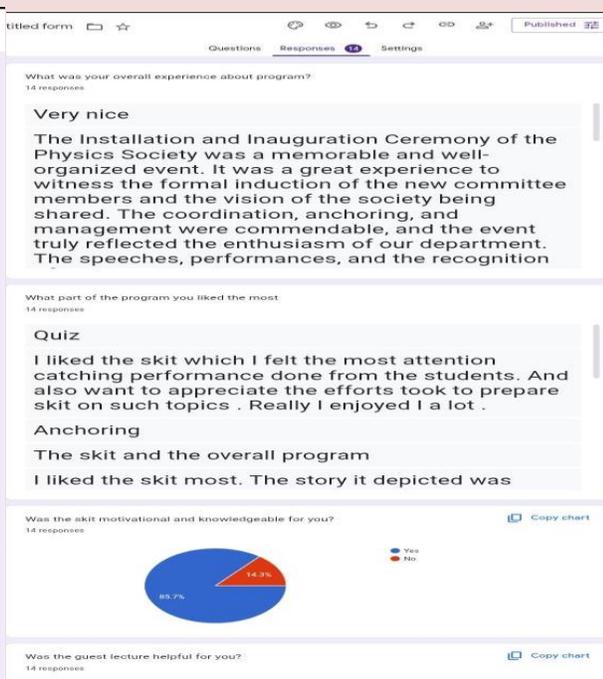


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FEEDBACK:

| Timestamp | Email address | Name | Class | Contact number | What was your overall experience about program? | What part of the program you liked the most | Was the skit m |
|---------------------|------------------------|-------------------------|------------------|----------------|--|--|----------------|
| 14/10/2025 09:39:14 | ayushfendar18@gmail.co | Ayush Fendar | Student alumini | 7083277620 | The Installation and Inauguration Ceremony of the | I liked the skit which I felt the most attention catch | Yes |
| 14/10/2025 09:45:20 | pranjalganer@gmail.com | Pranjali ganer | B.Sc third year | 8668578101 | Very nice | Quiz | Yes |
| 14/10/2025 09:52:11 | atharvmote17@gmail.com | Atharv Mote | B.Sc third year | 8208290537 | My overall experience with the Physics Society was | Everything was good, I liked each and every part of | Yes |
| 14/10/2025 15:16:55 | yashashreemore26@gm | Yashashree More | B.Sc third year | 7620559407 | I liked the program very much. Each and every part | I liked the skit most. The story it depicted was real | Yes |
| 15/10/2025 15:08:05 | vanshikadongre811@gm | Vanshika Dongre | B.Sc first year | 9146733690 | Be clear and easy for everyone to understand. | The skit | Yes |
| 15/10/2025 16:17:04 | payalbhide86@gmail.co | Payal balu bhide | B.Sc third year | 7721980795 | It was a great experience. I learned how to install ai | I liked ran walked | No |
| 15/10/2025 16:20:05 | vdongre167@gmail.com | Vaishnavi Bhupesh Dong | B.Sc first year | 8378920656 | We gained a lot of knowledge from the C.V. Raman | The part where the guest share information and sh | Yes |
| 15/10/2025 16:29:46 | khushimoharle@gmail.c | Khushi sanjay moharle | B.Sc third year | 9689146248 | Excellent | Skit | Yes |
| 15/10/2025 16:30:27 | trishujanjari358@gmai | Trishya wanjari | B.Sc first year | 9021340146 | Overall programme was very good. | All parts of program are nice | Yes |
| 15/10/2025 16:42:33 | harshlatagawate@gmai | Harshlata Rajesh Gawate | B.Sc second year | 9823451999 | Nice | Anchoring | Yes |
| 15/10/2025 17:00:45 | sashwatshriya@gmail.c | Shriya Sashwat | B.Sc first year | 6391566466 | Mediocre, It was a learning opportunity . | Presentation of the items brought by The Guest. | No |
| 15/10/2025 17:00:50 | damodarakashay92@gma | Jaya Shankar Sapkal | B.Sc first year | 9359455944 | The program is very knowledgeable and happiness | The skit and the overall program | Yes |
| 15/10/2025 17:51:31 | divyajaiswal8817@gmai | Divya jaiswal | B.Sc first year | 88178 59910 | Good | Quiz | Yes |
| 15/10/2025 19:00:36 | harshalborkar031@gmai | Harshal Borkar | B.Sc first year | 7869824083 | My overall experience with the program was extrem | I liked the guest lecture the most because it was re | Yes |



Signature of HOD