



Samarth Rural Educational Institute's
SAMARTH INSTITUTE OF PHARMACY BELHE.

Approved by P.T. New Delhi, D.T.E., Govt. of Maharashtra &
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Field Visit Report on Science Exhibition at Giant Metrewave Radio Telescope (GMRT)

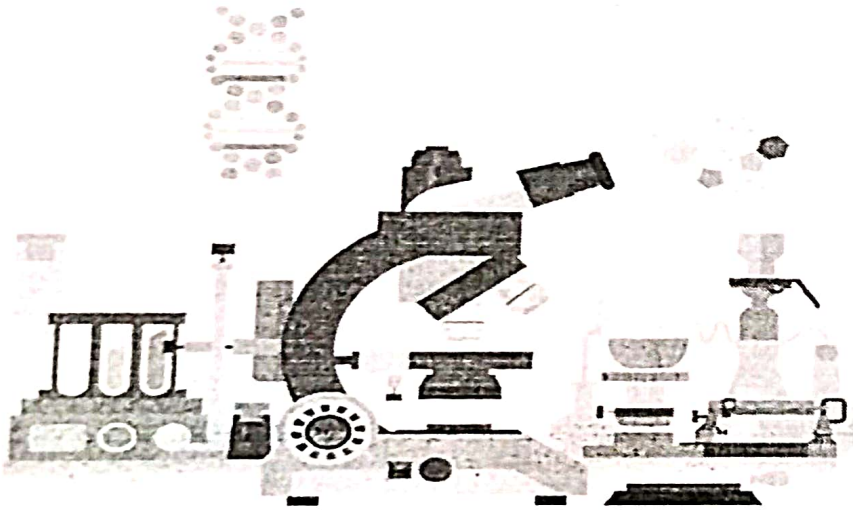
On
The Occasion of National Science Day

- Venue: GMRT, Khodad
- Date: 28/02/2025
- Time: 9:00Am to 4:00Pm

२८ फेब्रुवारी



नोबेल पुरस्कार विजेते
चंद्रशेखर
त्यंकट रमण
यांचा सन्मान दिवस



राष्ट्रीय विज्ञान दिवस

विज्ञानाच्या क्षेत्रात सातत्याने कार्यरत राहून नवनवीन संकल्पनांना
जन्म देणाऱ्या शास्त्रज्ञ, तंत्रज्ञ, तज्ञ यांना मनःपूर्वक शुभेच्छा!

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The field visit to the Giant Metrewave Radio Telescope (GMRT), Khodad, was organized on the occasion of National Science Day 2025. The primary objective of this visit was to gain insights into recent research in various scientific and technological fields, especially focusing on space science, radio astronomy, and related technological advancements.

Purpose of the Visit The visit aimed to provide students and faculty members with a practical understanding of complex scientific concepts. It offered an opportunity to explore working models, advanced scientific equipment, and fundamental principles associated with space and technology. Additionally, it served as a platform to interact with experts and researchers in the field.

Overview of GMRT GMRT, located in Khodad, Maharashtra, is one of the world's most sensitive radio telescopes operating in the metre-wavelength range. Managed by the National Centre for Radio Astrophysics (NCRA), it plays a crucial role in astronomical observations, including the study of pulsars, galaxies, and interstellar phenomena.

4. Key Learnings from the Visit

- **Understanding Radio Astronomy:** Participants were introduced to the working principles of radio telescopes and how GMRT contributes to global astronomical research.
- **Working Models and Demonstrations:** Various interactive models demonstrated signal processing, data collection, and analysis in radio astronomy.
- **Recent Research Developments:** Experts discussed recent discoveries made using GMRT, such as the detection of distant galaxies and studies on cosmic evolution.
- **Technological Aspects:** Insights were provided on the design, construction, and operation of large-scale scientific instruments.

5. Interaction with Scientists During the visit, students had the opportunity to engage with astronomers and engineers, gaining valuable perspectives on career opportunities in scientific research and technology development.

6. Impact and Takeaways The visit significantly enhanced our understanding of fundamental and applied sciences. It inspired students to pursue careers in research and encouraged a scientific temperament among participants.

PHOTO GALLERY OF EVENT

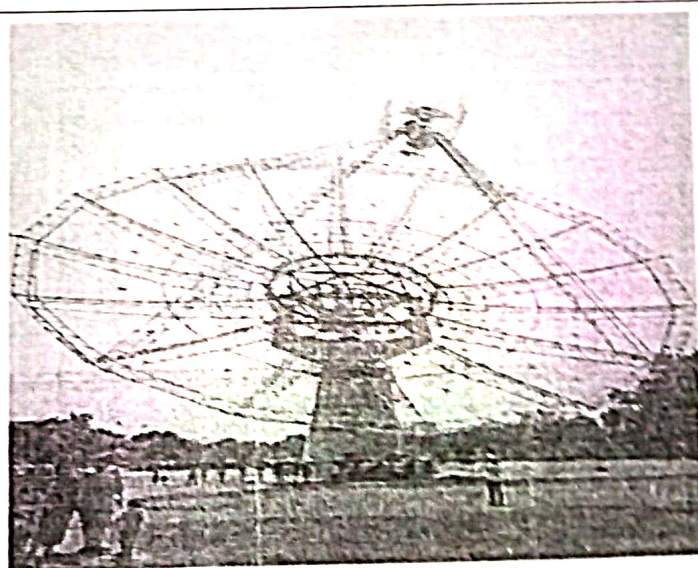
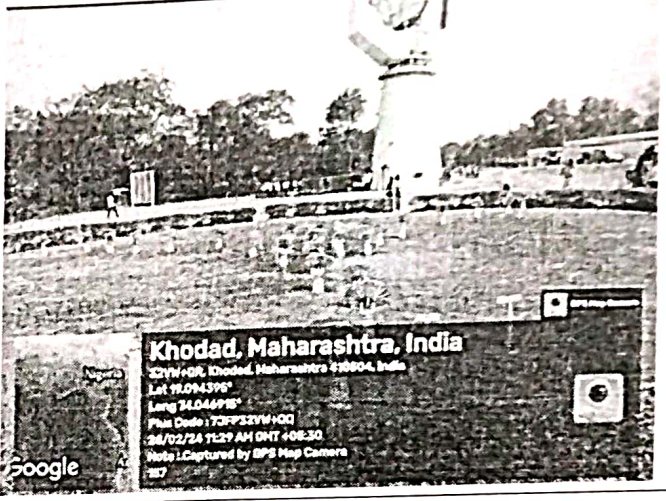
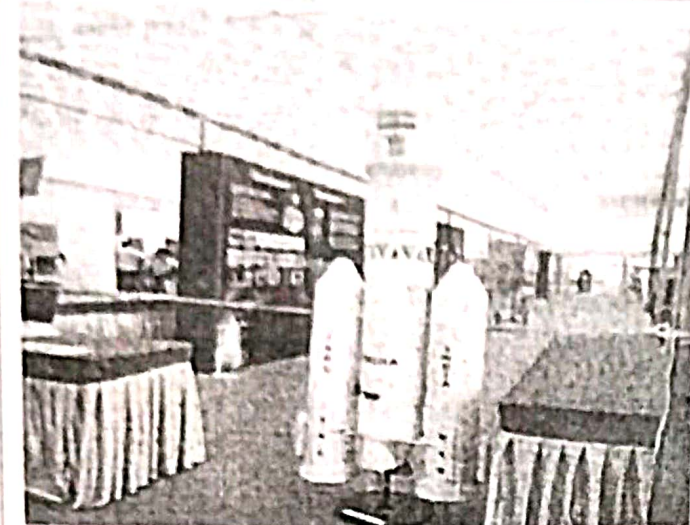


PHOTO GALLERY OF EVENT



Attendance student at GMRT Field Visit 2023-24

Sr. No.	Name of Student	Class	Signature
1]	Shelke Rathamesh	F.Y. B-Pharmacy	
2]	Sonawane Sakshi	F.Y. B- Pharmacy	
3]	Shaikh Inayat Ali	F.Y. B-pharmacy	
4]	Thorat Divya	F.Y. B-pharmacy	
5]	Sherkar Sanika	F.Y. B - Pharmacy	
6]	Walunj Sakshi	F.Y. B - pharmacy	
7]	Shinde Manisha	F.Y. B - Pharmacy	
8]	Waghmode Pranali	F.Y. B- pharmacy	

9)	Walunj Vaishnavi S.	F.Y. B Pharmacy	Walunj
10)	Zinjad Sharyu Satish	F.Y. B Pharmacy	Zinjad
11)	Thange Aditi Ashok	F.Y. B Pharmacy	Thange
12)	Vile Ishwari Ganpat	F.Y. B pharmacy	Vile
13)	Sonawane Sakshi Anil	F.Y. B pharmacy	Sonawane
14)	Thorat shrawanikaluram	F.Y. B pharmacy	Thorat
2 nd year D-Pharmacy			
1)	More Vaishnavi	S.Y. D pharmacy	More
2)	Chaudhari Tupti	S.Y. D pharmacy	Tupti
3)	Zinjad Swaranjali	S.Y. D pharmacy	Zinjad
4)	Arote Dhanashri	S.Y. D pharmacy	Arote
5)	Mehes Aparna	S.Y. D pharmacy	Mehes
6)	Shinde Sakshi	S.Y. D pharmacy	Sakshi
7)	Sanjana Shinde	S.Y. D pharmacy	Sanjana
8)	Dodge Vaishnavi	S.Y. D pharmacy	Dodge
9)	Sakshi Bhandhari	S.Y. D Pharmacy	Sakshi
10)	Saiya Sayyed	S.Y. D pharmacy	Saiya
11)	Temgire Omkar	S.Y. D pharmacy	Omkar
12)	Gadse Sagar	S.Y. D pharmacy	Gadse
13)	Mali Nikita	S.Y. D Pharmacy	Mali