



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

A Report on **Industrial Training cum Visit at Pune**

(Date: 28th Feb. to 4th Mar. 2025)

**Participants: 4U1/4U2 students & Faculty/Staff Dept. of
Electronics & Telecommunication Engineering
(Session 2024-25)**

Industrial Training and Industrial Visit :

1) Giant Metrewave Radio Telescope (GMRT).

Khodad, Near Narayangaon, Tal-Junnar, Pune 410504

2) Wireless Police Training Centre (WPTC).

Chavan Nagar Road, Chavan Nagar, Pashan, Pune 411053

Contact Person: Rajesh Bansode I.P.S., Supdt. of Police, (HQ)

3) BSNL ZTTC (RTTC) Pune.

Bharat Ratna Gandhi Marg, Shahunnagar, MIDC, Chinchwad, Pune 411019

Contact Person: Mr. Gaurav Raut and Mr. Jaykishan Bacchani, Resource Person ZTTC BSNL Chinchwad, Pune.

Industrial Tour Members:

- **Faculty and Staff**

- 1) Dr. D. P. Tulaskar
- 2) Mr. M. B. Dhamande
- 3) Mr. M. Y. Kashikar
- 4) Mrs. V. G. Payghan

- **Students**

- 1) 4U1 students – 39(Boys:23; Girls: 16)
- 2) 4U2 students – 33(Boys:16; Girls: 17)

Training Report: Pune

Duration: 28th Feb to 4th March 2025

Introduction: An educational training at GMRT, WPTC and BSNL, Pune, proved to be a transformative experience for 72 students and 4 faculty members. The training encompassed an array of enriching activities, including immersive training sessions and insightful tours to prominent educational and cultural landmarks. This report provides a detailed account of the training, visit emphasizing its educational significance, and the diverse learning opportunities it offered.

Arrival to the Training Centre: Departing from SSGMCE Shegaon premises in the early morning on 28/02/2025, we embarked on our journey, traveling in two buses to Alandi, Pune. Traversing the landscape with anticipation, we enjoyed the scenic route. Finally, upon reaching Alandi, our destination drew near as we arrived by early night on the same day.

Industrial Visits:

GMRT :

On 01/03/2025, we visited the Giant Meterwave Radio Telescope (GMRT). We first explored innovative projects by high school and undergraduate students. Next, we saw the massive antennas and learned about their specifications, including frequency range and structure. The visit gave us valuable insights into GMRT's role in space research.

Wireless Police Training Centre :

On 03/03/2025, we first visited the Wireless Police Training Centre in Pashan, Pune. At the Police Training Centre, we learned about wireless communication systems used in law enforcement. We were introduced to various signs, code languages, and the role of VSAT (Very Small Aperture Terminal) in communication. Additionally, we gained insights into notable scientific inventions related to wireless technology.

BSNL :

We visited the BSNL office in Chinchwad, Pune, followed by the Wireless Police Training Centre in Pashan, Pune on 03/03/2025, we first explored various telecommunication equipment and technologies used in the network infrastructure. The staff explained the functioning of fiber optics, telephone exchanges, and broadband services. We also learned about BSNL's role in providing reliable communication services. The visit offered valuable insights into modern telecommunication systems.

Excursion at Imagica : On 02/03/2025, we visited Adlab's Imagica Theme Park. The day was filled with excitement as we explored thrilling rides, including roller coasters, water rides, and 4D experiences. We also enjoyed entertaining shows and creatively themed zones. The visit offered a perfect blend of fun and adventure, making it a memorable and refreshing experience.

Cultural and Historical Visits: In addition to technical training and industry visits, the educational journey encompassed visits to significant cultural and historical landmarks in Pune. Participants had the privilege of exploring the architectural splendor of Ranjangaon Ganapati Temple, Dehu-Alandi Temple, Shri Dagdusheth Temple and Ekveera Mata Mandir Lonavala, Pune.

Schedule:

Date	Activity
28/02/2025	Departure from SSGMCE Shegaon to Alandi, Pune (6.00 a.m.)
01/03/2025	Visit to GMRT, Pune
02/03/2025	Excursion at Adlab's Imagicaa, Pune.
03/03/2025	Training cum Visit at Wireless Police Training Centre in Pashan, Pune.
03/03/2025	Training cum Visit at BSNL, Pune.
04/03/2024	Arrival to SSGMCE Shegaon from Pune (9.00 p.m.)

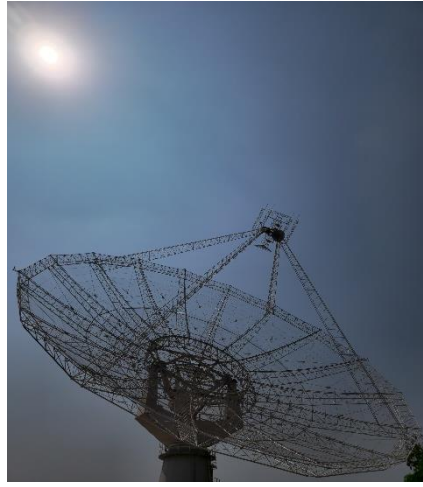
Glimpses of our Industrial Training and Industrial Visit:



Departure from College



Alandi Sansthan



GMRT



4U2- IMAGICAA



4U1-IMAGICAA



Pashan Classroom



VSAT Session



BSNL Lab



Scientist Inventions



Theory Session



Felicitation



GMRT



Group - Pashan



Session - WPTC



BSNL Chinchwad



Shri Mahaganapati Ranjangaon Temple



Dehu Temple

We extend our gratitude to Wireless Police Training Center , BSNL , GMRT , and all other entities involved at Alandi Pune for their hospitality and contributions to this educational endeavor.

We express our sincere thanks to Hon. Director Shri Nilkanth Shivshankar Patil, Hon. Principal Dr. S. B. Somani and Hon. HOD Dr. D. D. Nawgaje, Shri Sant Gajanan Maharaj College of Engineering Shegaon. Dist Buldhana-444203 for permitting the visit.

Conclusion:	The educational training at GMRT , WPTC and BSNL , Pune , was a resounding success, fostering holistic learning and personal growth. Through hands-on training, industry insights, and cultural exploration, participants gained invaluable knowledge and experiences that will undoubtedly shape their academic and professional journeys. This visit exemplifies the transformative power of experiential learning, underscoring the importance of immersive educational experiences in preparing students for the challenges and opportunities of the future.
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Dr.D.P.Tulaskar
Training and IV Co-ordinator

Dr. D. D. Nawgaje
H.O.D., EXTC Engg.

Prepared by
Dr. D. P. Tulaskar

Date:19/03/2025

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