



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

ACA- R-49

Academic Year: 2024-25

Rev:00

Industrial Visit Report

Date:03.07.2017

Semester: II

Ref: SPVP/SBPCOE/E&TC/2024-25

Date:01/03/2025

To,
The Principal,
SBPCOE, Indapur.

Subject: - Industrial Visit Report to “**GMRT, Khodad, Pune-410504**” on dated 28/02/2025.

Respected sir,

With reference to aforesaid subject Electronics and Telecommunication Department of S. B. Patil College of Engineering, organized one day Industrial visit to **GMRT, Khodad, Pune** on **28/02/2025**. Along with staff members Dr. S. M. Karve, Prof. P. V.Nimbalkar, Mr. Padmakar Parkale of E&TC Department and 51 students from the second year were participated in the visit. Visit was organized with the prior permission and under guidance of Hon. Dr. S. T. Shirkande, Principal, SBPCOE. Prof. V.U. Bansude, HOD-E&TC, Prof. P. S. Togrikar & Mr. Rutik Dhame, who was student co-coordinator taken efforts in planning and arranging this highly successful visit.

Objectives:

- **Enhance Practical Knowledge:** Bridge the gap between theoretical learning and real-world industrial applications.
- **Understand Industry Practices:** Familiarize students with current industry standards, processes, and safety protocols.
- **Foster Industry-Academia Collaboration:** Promote interaction and networking opportunities between students and industry professionals.

About the Organization:

The Giant Metrewave Radio Telescope (GMRT), located near Narayangaon, Maharashtra, is one of the world's largest and most advanced radio telescope arrays. It consists of 30 parabolic antennas, each 45 meters in diameter, spread over a 25-kilometer area. GMRT operates in the meter wavelength range and is used for high-precision radio astronomy, helping scientists study cosmic phenomena such as galaxies, black holes, pulsars, and the interstellar medium. The facility is operated by the National Centre for Radio Astrophysics (NCRA) under the Tata Institute of Fundamental Research (TIFR) and contributes significantly to global astronomical research.



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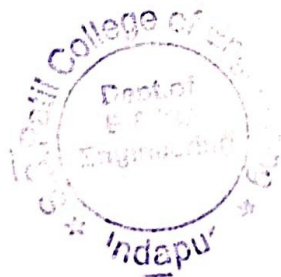
Outcomes:

- Students observe how engineering principles are implemented in real-world settings, deepening their understanding of industry practices.
- Students interact with cutting-edge tools, machinery, and systems, gaining insight into innovations shaping the future of engineering.
- Students connect with industry professionals, gaining valuable career insights, potential internship opportunities, and advice for future employment.

As a coordinator of this event, I would like to thank PRO Person of GMRT, without whom, this educational visit was not possible. Also I would like to thank our Management for providing encouraging us to plant such educational visits, Dr. S. T. Shirkande, Principal, Prof. V. U. Bansude HOD E&TC Department and our student coordinator Mr. Rutik Dhame for their continuous efforts to organize and make successful this visit.

Thanking you,

Prof. P. S. Togrikar
Industrial Visit Co-ordinator



Prof. V. U. Bansude
Head, E&TC Department

HEAD
Department of E & TC Engineering
S. B. Patil College of Engineering, Indapur



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Glimpses of Industrial Visit:

