Department of Electronics & Communication Engineering

Industrial Visits

S. No.	Academic Year	VISIT ORGANISATION	Dates
1.	**2025-26**	**KTPS(VII Stage)**	31.01.2026
2.	**2024-25**	**National Institute of Amateur Radio (NIAR) Hyderabad.**	30.11.2024
3.	**2023-24**	**SDSC SHAR (ISRO)**	09.11.2023
4.	**2022-23**	**KTPS(VII Stage)**	04.04.2023
5.	**2021-22**	**KTPS(VII Stage)**	01.04.2022
6.	**2019-20**	**KTPS(VII Stage)**	15.02.2020
7.		**Heavy Water Plant (III ECE)**	25.01.2020
8.		**ITC PSPD-Sarapaka (II ECE)**	25.01.2020
9.		**SDSC SHAR (ISRO)**	17.09.2019
10.	**2018-19**	**KTPS(O&M) (III ECE)**	16.03.2019
11.		**KTPS(O&M) (II ECE)**	11.03.2019
12.	**2016-17**	**SDSC SHAR (ISRO)**	21.12.2016
13.		**KTPS(V&VI Stage)**	01.10.2016
14.		**All India Radio Kothagudem**	09.09.2016
15.		**All India Radio Kothagudem**	27.08.2016
16.		**KTPS(V&VI Stage)**	27.08.2016
17.	**2013-14**	**SDSC SHAR (ISRO)**	29.01.2014

National Institute of Amateur Radio (NIAR) Hyderabad

The Electronics and Communication Engineering (ECE) department of Priyadarshini Institute of Science and Technology for Women organized an industrial visit to the National Institute of Amateur Radio (NIAR), Hyderabad. The visit provided students with a deeper understanding of radio communication, wireless technologies, and emergency communication systems, reinforcing their classroom learning with practical exposure. Students were given an opportunity to operate radio transceivers and understand the working of antennas and signal modulation techniques.NIAR experts explained how amateur radio operators communicate globally without internet or cellular networks A session on how amateur radio assists in emergency communication during natural disasters such as earthquakes, floods, and cyclones.Case studies of NIAR's contributions to disaster relief operations were shared to highlight the real-world impact of amateur

KTPS:

The Department of Electronics and Communication Engineering (ECE), Priyadarshini Institute of Science and Technology for Women, organized an Industrial Tour to Kothagudem Thermal Power Station (KTPS) on 31 January 2026, as a part of the academic curriculum. The industrial visit was conducted with the objective of providing practical exposure and enhancing students' understanding of power generation systems, control mechanisms, and industrial safety practices. During the visit, students gained valuable insights into the working principles of thermal power plants, including boiler operations, turbine systems, generators, and control rooms. The visit was highly informative and helped students bridge the gap between theoretical knowledge and real-time industrial applications. The interaction with industry professionals enriched the learning experience and motivated students toward industry-oriented learning. The program was successfully conducted under the guidance and support of the college management and faculty members.

SDSC SHAR(ISRO):

The **Electronics and Communication Engineering (ECE) Department** of Priyadarshini Institute of Science and Technology for Women organized an industrial visit to the Satish

Dhawan Space Centre at Sriharikota on **09 November 2023**. The visit aimed to provide students with practical exposure to India's space research and satellite launch operations conducted by the Indian Space Research Organisation.

During the visit, students learned about launch vehicle technology and the infrastructure required for satellite missions. They were introduced to important facilities such as launch pads, mission control centres, rocket integration units, and sounding rocket launch systems. ISRO officials explained the processes involved in rocket assembly, satellite launch preparation, and mission monitoring.

The visit provided valuable insights into India's achievements in space exploration and helped students understand the practical applications of space technology. The interaction with scientists inspired the students to develop interest in research and careers in the fields of electronics, communication, and aerospace engineering.

Heavy Water Plant

The Department of Electronics and Communication Engineering organized an industrial visit for III B.Tech ECE students to the Heavy Water Plant Manuguru on **25 January 2020**. The purpose of the visit was to provide students with practical exposure to industrial processes related to nuclear energy and to understand the role of heavy water in nuclear reactors.

During the visit, officials from the Heavy Water Board explained the importance of heavy water (D_2O) as a moderator and coolant in nuclear reactors. Students were given an overview of the heavy water production process, safety measures, and the control and monitoring systems used in the plant.

The visit helped students gain practical knowledge about industrial automation, instrumentation, and safety procedures used in nuclear-related industries. Overall, the visit was informative and beneficial for the students in understanding the real-world applications of their engineering studies.