



Department of Electronics & Communication Engineering

Report on Industrial Visit to DOORDARSHAN KENDRA

Department of ECE organized an “Industrial Visit to Doordarshan Kendra, Tirupati” on 21-01-2023 for II ECE - C students. Total of 48 students along with 2 staffs attended the visit. We started at 05:30 A.M. from the college and reached Doordarshan Kendra premises at 09:30 A.M. C. Padmaja, AE, Drawing & Disbursing Officer welcomed us at the venue.

Doordarshan is an autonomous public service broadcaster founded by the Government of India, which is one of two divisions of Prasar Bharati. It is one of India’s largest broadcasting organizations in terms of studio and transmitter infrastructure, having been established on 15 September 1959. It also broadcasts on digital terrestrial transmitters. DD provides television, online and mobile services throughout metropolitan and regional India, as well as overseas, through the satellite network.

Doordarshan - literally, a glimpse of all afar- is the face of and a witness to India’s metamorphosis to a global leader in digital communications.

Interestingly, the illusory cyber paths that crisscross homes and streets and represent the voice a billion-plus Indians today, actually began with a modest experiment in public service telecasting on September 15, 1959. The makeshift studio and its players beamed their voice and visuals through a small transmitter, daring to dream of becoming the prime vehicle of development of a nation that had shrugged off its yoke of slavery just over a decade earlier.

The experiment became a service in 1965, when Doordarshan began beaming signals to reach television sets in living rooms in and around the country’s capital, New Delhi. By 1972, services were extended to Mumbai and Amritsar and then on, to seven other cities by 1975. All this time, it was part of the national broadcaster, All India Radio. On April 1,

1976, it transited to become a separate Department in the Ministry of Information and Broadcasting, though still serviced by All India Radio, especially for its news.

Since then, the organisation has grown to cover the length and breadth of the country, painstakingly caring for the interest of all linguistic, geographical and cultural groups and promoting social, cultural and educational development of the country through an array of transmitter networks equipped with studios and facilities to produce programmes even in regional languages.

In doing so, the country's prime television service provider has also become the engine for celebration of its diversity and the iteration of its unity. It has been able to do so because it has no single market to pamper – because it is the harbinger of news and information services to every geographical community, all occupational group and each assemblage of interests. It is located at AIR Bypass Road, AIR Staff quarters, New Balaji Colony, Tirupati, Andhra Pradesh – 517501.

At Doordarshan, engineering blends with creativity to make it a role model as a matrix of genres evolve from a spread of centers, an array of transmissions and hundreds of studios. This fusion of modern digital engineering hardware and the software of a three tier programme service spreads nationally, regionally and even locally.

Over the decades, the results of this melt of engineering and creativity have captivated millions who would be glued to television sets to watch anything from news to cricket match telecasts, exhibitions of art, culture and Bollywood to education on the arts and sciences alike, from catering to a vast farming community to catalysing the growth of industry and commerce.

Over the years Doordarshan has grown into a network operating 34 satellite channels besides providing free-to-air DTH service having 104 in its bookings. Indeed, that single studio from its small departmental home in All India Radio has grown into 66 studio centers all over the country, including 17 major studio centers at State capitals and 49 other studio centers located in various cities.

There are many rooms in the Doordarshan Prasara Bharati Studio engaged with various significant technical works

- Studio
- Production control room
- Make up room
- Power supply room
- O.B/ENG

The visit came to an end at 1:00 P.M and we left the premises and reached back to college at 06:00 P.M. Students felt that the visit was an informative and interesting.



