

**INDUSTRIAL VISIT REPORT**

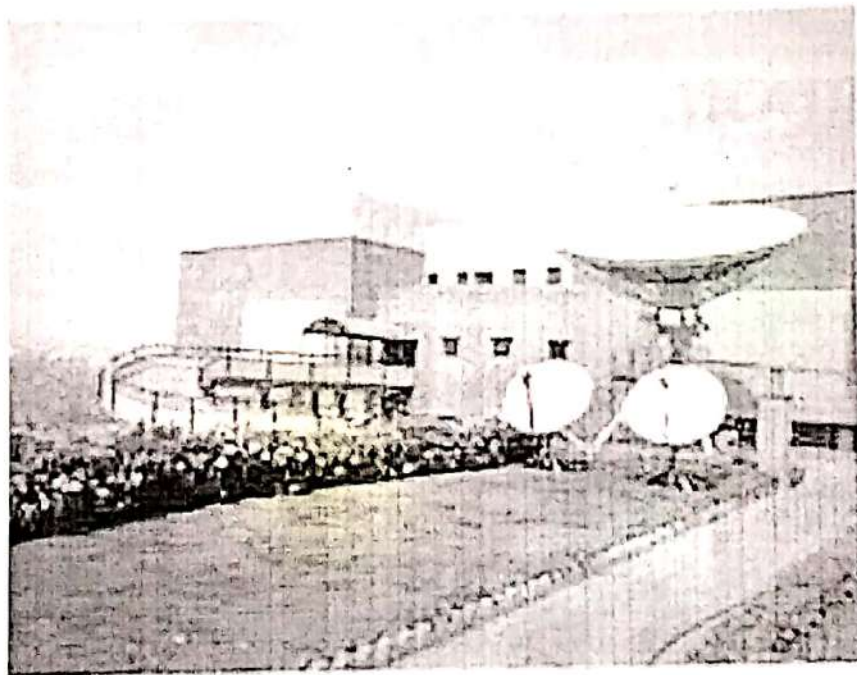
**Department of**

**ELECTRONICS AND COMMUNICATION**

**ENGINEERING**

**ON**

**23 AUGUST 2014**



**MANA TV EARTH STATION**

## MANA TV

The MANA TV HUB is a standard uplink for the four educational channels. The earth station is co-located with the studios and is capable of transmitting five digitally compressed video channels and one data channel in MCPC mode. The earth station uses DVB MPEG-2 encoders for video/audio. The channels are transmitted through a 7.2 m antenna to a Ku band transponder on GSAT-8.

The main objectives of MANA TV are as follows,

- To operate as a 'not for profit' Society.
- To conduct, promote and facilitate distance education using satellite communication for Human Resource Development (HRD), and rural development.
- To investigate study and report on particular developments, management problems and policies related to satellite communications, either on its own initiative or on reference to it by government and public bodies.
- To conduct training programmes for different user departments.
- To develop a standard library of contents relevant to the objectives of the Society.
- To facilitate, design, produce and schedule programmes.

The department of Electronics and communication Engineering, Nalla Narasimha Reddy School of Engineering organized a one day Industrial visit to MANA TV, Jubilee hills, Hyderabad on August 23, 2014 for B.Tech III year Electronics and communication Engineering students. The visit was organized with the prior permission and guidance of Hon. Director **Dr. C V Krishna Reddy**, **Dr. G Janardhan Raju**, Dean SoE and **P S Sreenivasa Reddy**, HOD, ECE Department along with the staff members, students of NNRG have taken initiation under the continuous guidance of A.Gopal, Assoc. Professor and Sneha Talari, Assistant Professor which made this visit a grand success.

The one day visit was organized with prior permission from **Sri Suryanarayana**, **General Manager of MANA TV, Jubilee hills.**

Total 54 students of B.Tech III year (ECE) along with 2 faculty members have participated in this industrial visit.

The details of Journey are as follows:-

1. We started traveling from "COLLEGE" to "MANA TV STUDIO "at 10.30 AM.
2. We reached MANA TV, Jubilee hills at 12.00 PM.
3. Here in the studio we visited the earth station room, production control room and the studio room.



4. The presentation session was conducted by Mr.Dasu, Mr. Yadagiri, Mr. Ramakrishna, Editor, Mr. Suryanarayana, Producer.
5. They conducted around 2 hours' seminar sessions which covered the following details
  - i. Tele Report information.
  - ii. Channel broadcasting
  - iii. Transmission of signals through Antenna.
  - iv. Live Interviews.
  - v. Online editing, video representation and preview of the program.

It was a good experience, which has provided exposure to the third year students with industrial life. The students are benefited in terms of the technical details provided by the company on an

important part of Recruitment Policy by Company and Various Career Opportunities in core technical industries. Visit seems to be very informative and gives good learning experience. It was the unique example of 'EDUTAINMENT' i.e. Education & Entertainment.

#### INDUSTRY VISITED WITH CONTACT DETAILS

Name of Company	Address/Contact person
MANA TV	B.R.A.O.U, JUBLIEE HILLS, HYDERABAD.

#### LIST OF STAFF MEMBERS FOR VISIT

1	Assoc. Prof. A.Gopal Dept. of Electronics and Communication Engineering Chief Co-ordinator (Industrial Visit)
2	Asst. Prof. Sneha Talari Dept. of Electronics and Communication Engineering Co-ordinator (Industrial Visit)

#### STUDENT'S FEEDBACK

Industrial visit to MANA TV, Jubilee hills was organized by NNRESGI for III Year Students of ECE Department. The guiding staff on site was very supportive to all students. We are sure that this visit will help us in our future practical life and bring a positive change in our thinking and practical behavior regarding Education and specially Antennas and Wave

Propagation.



We, the Students of III Year Electronics and communication Engineering is extremely thankful to Hon. Director of NNRESGI, **Dr. C V Krishna Reddy**, **Dr. G Janardhan Raju**, **Dean SoE**, and **P S Sreenivasa Reddy**, **HOD, ECE Department**. We would like to specially thank **A.Gopal**, **Assoc. Prof** and **Sneha Talari**, **Asst. Prof**, **Coordinators** of this industrial visit and student coordinators for providing a full-fledged support in all aspects during the visit.

A.Gopal  
Associate Professor  
Department of ECE

Sneha Talari  
Assistant Professor  
Department of ECE

*P S Sreenivasa Reddy*  
HOD

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