



HAM CLUB STATION AT MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR, INDIA

December 6, 2021

16:25-16:50 CET/20:55-21:20 IST

Kailash Gupta¹, Caitlin Varquez², Sandeep Baruah³

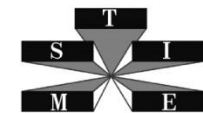
¹TIEMS – India Chapter

²University of Minnesota

³Indian Ministry of Science & Technology

Agenda

- Ongoing Research
- Amateur Radio and Licensing
- Practical Experience
- Discussions



Ongoing Research

- Two components. This presentation is on the praxis portion.

Theoretical Component



Academic research to write a white paper that will create awareness for establishing ham club stations within district EOCs in India

Praxis Component



Establishment of a Ham Club Station at Malaviya National Institute of Technology, Jaipur

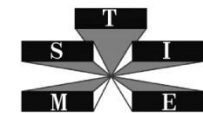
Expected Outcomes from Research

Reduction of mortality, morbidity, and infrastructure losses that generally occur due to communication failures during many disasters



Amateur Radio and Licensing

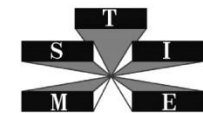
- Amateur radio is a “. . . self training, inter-communication and technical investigations carried on by amateurs that is, by persons duly authorised . . . interested in radio technique solely with a personal aim and without pecuniary interest” -The Indian Wireless Telegraph (Amateur Service) Rules, 1978.
- A licence to a club station is granted “to a . . . society, club or . . . an institution . . . in India, which has the aim of investigations in the field of radio or the training of persons in radio communication techniques. Provided that the licence shall be issued in the name of an authorized official of the society, club, . . institute . . . holding a . . . licence”





Practical Experience

- Kailash is “general” category amateur radio license holder with call sign VU2KIZ, as a custodian of MNIT Ham Club (MHC), tried applying for license on <https://saralsanchar.goc.in>
- Kailash provided his Yaesu FT-840 HF transceiver, power supply, and materials for ham library to his alma mater MNIT for establishing MHC.
- MHC will request leading amateur radio manufacturers (ICOM, Kenwood, and Yaesu) to collaborate and provide state-of-the-art transceiver and other equipment to demonstrate for opening ~ 739 district EOCs market in India for them
- Equipment for a typical radio station within district EOCs are recommended in paper



Discussions

- The purpose of this Practitioner Talk is to provoke discussion
- Start discussing, please
- Continue discussions by email to kailashgupta@my.unt.edu
- This research is funded under CDRI Fellowship 2021-22
- Thanks

