



INDIAN INSTITUTE OF HAMS

Station Lc No. 10388 Callsign: VU2IIH by Ministry of Communication, Govt. of India

In association with Dept. of Youth Empowerment & Sports, Govt. of Karnataka

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HAM (Amateur) RADIO

(Empowering Youth with skill in Communication & I.T.Technology)

Ham (Amateur) Radio is a service of self training in wireless communication, adventurous radio sport & second line of Communication when all other means of communication fails. HAM was the first social networking and has become a unique tool in promoting global friendship. It is a pioneering effort conceived by creative minds. It is a laudable endeavour to bring YOUTH to involve in this mode of communication with most fascination. Today there are thousands of hams who are enthusiastic about Ham Radio and use various methods to communicate with their counterparts around the world. Groups, individuals and educational institutions are all striving to acquire radio technology, as they are eager to improve their skill over a wide spectrum of radio frequencies.

Hams are from different walks of life. Ham family consists of students, educationists, scientists, engineers, doctors, lawyers, technicians, retired persons from various fields, house-wives, Film stars, Top-officials, Ministers, MPs, kings..... specially service oriented persons from Civil defence and traffic wardens.

What radio-amateurs (HAMS) do?

- Setup own private Radio Station and communicate around the world without the wires & internet.
- Turn your android phones into walkie talkie for Ham Global network.
- Communicate with other Hams located in any part of the 300+ countries to develop global friendship.
- Provide communication during sporting events like ASIAN, NATIONAL GAMES and during Motor sports rallies.
- Conduct radio experiments using different antennas – study radio propagation.
- Talk through satellites or with astronauts on board the international Space station.
- Provide Ham Communication network during major festivals like kumbamela etc, and natural Calamities like Earth-quake, floods, cyclones, major accidents etc. join HAM ACTION FORCE (HAF) to assist District administration.
- Participate in the adventurous Radio Direction Finding (RDF) - RADIO SPORTS.
- Participate in Radio Contests for numerous achievement awards and honors.
- Carry your Ham walkie talkie and establish contacts with number of hams across the across the country using radio repeaters.
- You can experience the Digital communication with Radio waves Viz. FT8, PSK, and RTTY etc. with low power which covers longer distance across the continents.



Who can become a HAM: Minimum age is 12 years. One should be a Citizen of India. Candidate should qualify in the examination conducted by Ministry of Communication, Government of India.

Syllabus: Basic Electronics and Radio Theory and communication, Operating Procedures, Radio Rules and Regulations. (Basic Electronics is exempted for Diploma / BE graduates who have studied electronics one of the subject). Exam questions will be objective type.

If you are interested, please drop email to ham7388@gmail.com.

Dr. H.N.GOPALAKRISHNA, IAS

Chairman- IIH &

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Director-IIH