

HAM

EVENT OBJECTIVE:

The workshop covers the basic topics in Communications Engineering. HAM radio is a way to talk with people around the world without any sort of commercial network connection. It includes working on Radio Frequency band and building home brew experimental circuits.

TOPICS:

The various topics that will be covered in the workshop include:

1. Basic Principles of Communication.
2. Wireless communication overview.
3. Introduction to Amateur radio.
4. Satellite applications of Amateur radio.
5. Antenna Theory and Practical Antenna Construction.
6. Antenna simulation software via presentation (4Nec2 software).
7. Recent trends in communication technologies and smart antennas.

RULES:

1. Participants must carry their college ID Card and registration receipts during the workshop.
2. Participants must be present at least 10 minutes before the event starts.
3. Structure and theory of event covered may be changed on the day of event according to the registrations and availability. Please check the official MindSpark'16 website (www.mind-spark.org) for updates regularly.
4. In case of any disputes, the decision of the organizers will be final and binding to all.

TEAM AND FEE STRUCTURE:

Team Size : Individual Event.
Registration fee : No registration fees.

FAQs:

Q. Who can participate in the workshop?

A. Any individual from any branch who wants to experience and get an idea of the most cost effective communication system can participate.

Q. I am also participating in another event in MindSpark' 16, can I also register for the workshop?

A. Yes, you are free to take part in any event at MindSpark provided you don't miss any of the sessions in the workshop. Participants are requested to manage their own time schedule.

Q. What does the workshop offer?

A. On successful completion of the workshop the participants will be able to:

a. Setup and design communication antennas and radio station.

b. Acquire practical knowledge of communication engineering, the "Amateur Radio Service" and interesting facts like when cell phones, regular phones, the internet and other systems are down or overloaded, Amateur Radio still gets the message through. The participants also receive a 'Participation Certificate'.

Q. What are the prerequisites to participate in the workshop?

A. The workshop does not have any "technical" prerequisites. Only genuine interest, enthusiasm and perseverance to complete the workshop is required.

Q. Is it necessary to bring Laptops for the workshop?

A. It is not compulsory but if possible you should bring it so that you can practically perform the simulations and learn the software better. (You may download the software beforehand from the official MindSpark website (www.mind-spark.org)).

Q. Is on spot registration available?

A. Yes, it is possible to register on the spot but subject to availability of the seats in the workshop.

EVENT HEADS

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