



INDIA'S BIGGEST RURAL TECHNICAL FESTIVAL

antahpragnya 2020

FOX HUNT

"FOX HUNT" is a technical event which goes on the lines of traditional English activity of tracking and chasing a fox by trained hounds.

- As the participants, you should HUNT a hidden radio transmitter (the FOX) using the given receivers. The technical fun lies in the Radio Direction Finding i.e. tracking the radio transmitter (FOX) which is situated in an undisclosed location using receivers. We test how good you are at sense of direction.

Basic structure of the event:

ROUND 1:

Screening test in which top 12 teams(8 from Engg & 4 from PUC) will be selected for the further rounds.

Note:

Screening test paper would be different for PUC and engineering students.

Date: Dec 29

Venue: AB-I @ 5:30 pm

Round 2 and Round 3 will be conducted along with the collaboration of NIAR team.

Special talk:

Date: Jan 4

Venue: AB-I Auditorium @ 10am-12pm

Morning session: Introduction to Amateur radio with lecture and demo in our auditorium.

Every one can attend special talk.

ROUND 2:

Hunting a hidden transmitter which is situated at a fixed location in a given time.

6 teams will be promoted to the last round.

Date: Jan 4.

Venue: RGUKT-Basar campus 2pm-5pm

ROUND 3:

Tracking and hunting a moving transmitter in a given time.

Date: Jan 5

Venue: RGUKT-Basar campus

Rules and Regulations:

1. Team can consist maximum of 4 members

i) For Engineering : Inter branch teams are highly recommended

ii) For PUC: 2 from puc1 and 2 from puc 2

2. If no team is able to locate the FOX, then the teams which are closer to the FOX at the end of the given time advance to next round

About NIAR:

- **National Institute of Amateur Radio (NIAR)** is a Non Government Organisation (NGO) , **situated at Hyderabad.**
- Encouraged by the Govt. of India, several State Governments and World Bank etc. NIAR is established to spread the awareness of Amateur Radio activity amongst the people in India.
- NIAR conducts seminars/ events/workshops regularly.
- NIAR interacts with government agencies for promotion of Amateur Radio in India

What is Amateur Radio?

- Amateur Radio is a scientific activity popularly known as “Ham Radio”
- Amateur (HAM) Radio is both a Hobby activity and Service. It is an activity of self learning, inter-communication & technical investigation carried on the duly authorized persons (i.e. Amateur Radio Operators) for a personal aim and without pecuniary interest. There are over 30 lakh people all over the world who pursue this activity in their free time, in India we have around 15000 amateur radio operators.

For more info about Amateur Radio:

Please Visit: <http://www.niar.org/amateur-radio.html>

For registrations please visit : bit.ly/ap2020foxhunt

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