



**Call for team registration for student hackathon on
Artificial Intelligence for Remote Sensing Applications
(AIRSA-2021)
(November 29-30, 2021)**

Organized by

**IEEE GRSS Bangalore Section and NITK IEEE GRSS Student
Branch Chapter**

Virtual Event

The call for the IEEE/GRSS students who are pursuing B Tech /B.E/M.Tech /M. E/ PhD/ P.D.F. in any discipline are interested in python coding and applying artificial intelligence for remote sensing applications! Grab the opportunity to be a part of the exclusive virtual student hackathon on “**Artificial Intelligence for Remote Sensing Applications**” stand a chance to win an incredible prize.

Objectives of the student hackathon:

- Capability building among students in Artificial Intelligence for Geosciences and Remote Sensing Applications”
- Python coding Skill building among students in Artificial Intelligence for Geosciences and Remote Sensing Applications”
- Create awareness on threats and vulnerabilities related to Artificial Intelligence for Geosciences and Remote Sensing Applications.

About student hackathon:

The student hackathon will be a team event consisting of a minimum of 1 member or a maximum of 3 members. All the members should be IEEE/GRSS student members. Team members may belong to different disciplines/streams but have to be from the same IEEE student branch/ IEEE GRSS Student Branch Chapter. There are 5 research tracks in the student hackathon.

Research tracks:

- 1) AI and Remote Sensing in Agriculture Applications
- 2) AI and Remote Sensing in Water Resources Applications
- 3) AI and Remote Sensing in Urban Applications
- 4) AI and Remote Sensing in Ecology and Forestry Applications
- 5) AI Remote sensing in Disaster Management applications

Registration fee: NIL

Register here : <https://forms.gle/rRKEqe6rjefMmXrE8>

Research team size: Student team comprises of 1-3 members (only IEEE/GRSS Student Members)

Important dates:

- **Registration open:** November 22, 2021
- **Last date for registration of research team:** November 24, 2021 at 4:00 pm IST
- **Short meeting with participating team members:** November 28, 2021 at 10:00am IST
- **Release of problem statement with dataset:** November 28, 2021 at 11:00am IST
- **Submission of research report result from each team:** November 29, 2021 at 11:30 am IST
- **Announcement of winners of student hackathon:** November 30, 2021 at 11:00 am IST

Note: Guidelines for preparing research report and other important things will be given along with problem statement on 28th November 2021.

Certificate and Prize

- E- Certificate of participation will be given to each member of research team.
- In each track, best research team will receive Cash Prize of **Rs. 3,000**

Please feel free to contact us for any inquiries: nitkieegrss.sbc@gmail.com

Organizing Team

Basavaraju KS

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