



BANGALORE CHAPTER

# Call for Team Registration for Student Hackathon on GEOSPATIAL TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT (GTSD - 2023)

April 28-30, 2023 Venue: IIIT Bangalore. Organized by: IEEE GRSS Bangalore Section

In-person (Offline) Event

## Objectives of GTSD - 2023

- Capability building among students for Geosciences and Remote Sensing Applications
- Python coding and Google earth engine (GEE) skill development among students for real time geospatial analysis involving societal challenges, solutions to climate change, urbanization, clean water etc.
- Create awareness on sustainable development goals (SDGs)

Website: <https://site.ieee.org/bangalore-grss/>

## About student hackathon

The student hackathon will be a team event consisting of a minimum of 1 member or a maximum of 3 members. There are 5 research tracks in the student hackathon:

1. Clean water and sanitation (SDG #6)
2. Affordable clean energy (SDG #7)
3. Sustainable cities and infrastructure (SDG #9 #11)
4. Climate action (SDG #13)
5. Disaster management (SDG #15)

**Registration Fees: NIL**

## Important Dates

- Registration open: **April 12, 2023**
- **Last date for registration of research team: April 25, 2023 at 5:00 pm IST**
- Release of problem statement: April 28, 2023
- Submission of research report: April 29, 2023
- Expert lecture and announcement of winners: April 30, 2023

## Certificate and Prize

E- Certificate of participation will be given to each member of research team.

Best research team will receive a Cash prize (as Amazon Vouchers) of **INR. 6,000 (1<sup>st</sup> prize) and 3,000 (2<sup>nd</sup> prize) and 1,500 (3<sup>rd</sup> prize) per team.**

**Organizing Team:** Dr. Chandan M C, NIE, Mysore; Aman Bagrecha & Santhosh M, Blue Sky Analytics ; Rahisha T, IIIT Bangalore, V Saicharan, NITK

**Registration Link:** <https://forms.gle/uFgMfdGideZxNXZP6>