

17th

March

5:00pm - 6:30pm

1.5 hrs

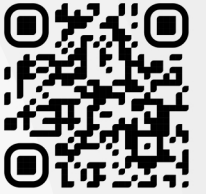
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18th

March

10:30am - 6:30pm

6 hrs



Scan to register

Registration fee

100rs

each day

Spatial Data Analysis with Google Earth Engine

DAY
01

MY MAPS FOR MAPPING COMMUNITY

Speaker : Lipi Gandhi

Through Google My Maps students can explore the basics of cartography, share information about local communities and far-flung destinations. The map is their canvas on which they can build with points, lines and polygons, and they can go as far as their imagination leads them. Benefits of Using Google Maps in Project-Based Learning would be explored via this 90-minute workshop.

- Workshop open for **High School Students** and **College students**
- Students need to bring their own Laptops for this event.

DAY
02

GOOGLE EARTH ENGINE AND ITS APPLICATIONS IN REMOTE SENSING

Speaker : Raj Bhagat (WRI) and Aakash Malik (WRI)

SESSION 1 (1.5 hours)

- Introduction to Remote sensing with GEE
- Data types/Models & Geospatial Processing Functions in GEE
- Publications and various applications built on GEE

SESSION 3 GEE Hands-on activity (1.5 hours)

- Coding on the spot and demonstrating any 1 application line by line
- Students doing a hands-on of a similar application
- Doubt solving

SESSION 2 Demos (Explaining methodology with codes) for end to end applications (3 hours)

- Application 1: Monitoring and Mapping Urban Sprawl
- Application 2: Surface water loss Mapping
- Application 3: Nighttime lights and Vegetation trend analysis
- Application 4: Mapping Forest fires

- Workshop open for **College students** and **Professionals from Geospatial Domain**

-Students need to bring their own Laptops for this event.