

AMRITA INSTITUTIONS

Managed by Mata Amritanandamayi Math, Kollam
Amritagiri, Erachakulam (Po), Nagercoil - 629 901, Kanyakumari (Dt), Tamil Nadu

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CIRCULAR

Sub: [IITB-ISRO-AICTE MAPATHON](#) - regarding

We are glad to inform you that AICTE, IIT Bombay and ISRO, are jointly inviting all to produce maps using Indian remote sensing data. Mapathon is a map-making competition for a specific problem statement. The primary objective is to understand the potential of ISRO's Indian remote sensing data and make maps for Indian regions using free open-source mapping software (e.g. QGIS). The participants will collectively work in a crowd sourcing method for jointly producing thematic maps of India using Indian remote sensing data.

Mapathon is a map-making competition to solve specific problems. The event is organised jointly by IIT Bombay, AICTE and ISRO. The event invites all Indians to produce maps using Indian remote sensing data. ISRO has identified that the data collected by the agency has tremendous potential in mapping India's resources, climate, agriculture, urban, rural planning and disaster management.

You can participate as an individual or as a team of a maximum of 4 members. It is expected that the participating teams have basic mapping experience. The winners will be awarded prizes and certificates. The participating individual or team can choose to work on one of the following problem statements. They are also allowed to choose their own topic:

- Mapping of natural resources / man-made features.
- Change Detection based on AWIFS or LISS III Datasets.
- LULC Change with hotspots using LULC maps from Bhuvan.
- Flood Maps.
- State-wise Health Care Indicators Maps.
- Locust infestation / Stubble burning / Low lying areas / Jhum Cultivation.
- Road Network / Drainage Maps.
- Land Degradation Maps.
- Health infra, population, age group etc. for Vaccination.
- Detection of change in Waterbodies / Reservoirs / Wetlands.

Eligibility to participate: All the Staff and Students

Registration: 07 Dec. 2020 - 18 Dec. 2020

Submission: 14 Dec. 2020 - 31 Dec. 2020

Results: 04 Jan. 2021 - 10 Jan. 2021

Registration Link: <https://tinyurl.com/y38qfvqb>

For more information, please visit Website: <https://iitb-isro-aicte-mapathon.fossee.in/>

or please send an email: mapathon@fossee.in

[Click here to view the Mapathon infographic and poster.](#)

We request all staff and students of AMRITA Institutions to participate in the Mapathon.

Best Wishes

Campus Director