

A WEEK LONG TRAINING WORKSHOP

# QGIS for beginners

09th March 2019 onward



JOINTLY ORGANIZED BY



**Dr. Meghnad Saha College & Gazole Mahavidyalaya**  
Itanagar (Ranipur), Uttar Dinajpur, WB - 733128  
Gazole, Malda, WB - 732124

WITH ACADEMIC SUPPORT FROM

**Department of Geography, University of Gour Banga**

### Scope

The workshop is designed to offer the hands-on training of using GIS software to the UG/ PG students & research scholars in Geography to enable them handling the basic raster and vector datasets for their research and academic works. QGIS is seemingly the most powerful Open Source GIS Software which provides ample tools for effective spatial analysis. The workshop will facilitate the participants a fundamental working experience on QGIS Software platform.

### Content

- Multi-band satellite images: Data sources, layer stacking;
- Band combination: Standard FCC;
- Band rationing: preparing NDVI, NDWI & Other indices;
- Geo-referencing: standard; from map canvas input;
- Creating vector layer: points, lines & polygons;
- Handling attribute table: Joining csv data layers;
- Preparation of cartograms: bar, pie, choropleth;
- Working with DEM: contouring & preparing different morphometric indices;
- Land use & land cover map preparation: Use of Semi-automatic digital classification tool;
- Map composition & layout.

### Info

- Online registration will be closed on 02 March 2019.
- Confirmation to applicants for participation will be sent on 04 March 2019.
- Registration Fee to be paid online by 06 March 2019.
- Registration Fee: ₹1000 each. For running UG students ₹600 each. Fee to be deposited only after getting confirmation mail. Registration fee includes workshop kit, tea/coffee and lunch each day & doesn't include accommodation.

### Who can apply?

A student of Geography completed the graduate level of study, having basic skill to work on Windows OS platform and has interest to learn the GIS techniques for using them in their academic dissertation and research work can apply for this workshop. A limited number of seats are available for the running UG Part III Geography Honours students. A 'no objection certificate' from the competent authority is mandatory and this is to be submitted during the enrolment on the first day of the workshop. Total number of seats is 80 (2 batches with 40 seats each). The participants are expected to bring their laptops with them. Please feel free to contact for any further information.

### CONTACT

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### VENUE

- Inauguration & all technical sessions at Dr. Meghnad Saha College
- Valedictory Session at Gazole Mahavidyalaya

For online registration go to: <http://www.drmscollege.ac.in/2019/02/24/qgis-workshop/>