

ABOUT THE WORKSHOP



This is an introductory course based on Curriculum of University of Kalyani. It covers Q-GIS from the very basics. 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 handle the basic geospatial data to their Project, research and academic works. Participants will learn to use Q-GIS for mapping, spatial data processing, and spatial analysis. Q-GIS 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 Q-GIS Software platform.

Contents of Hand on Training in QGIS

- Concepts and Principles of Remote Sensing (RS): Classification of RS Satellites and Sensors.
- Sensor Resolutions and Their Application with Reference to IRS and LANDSAT Missions, Image Referencing Schemes and Data Acquisition.
- Preparation of False Colour Composites (FCC) from IRS LISS-III and LANDSAT TM, LANDSAT ETM; Principles of Image Rectification and Enhancement.
- Principles of Image Interpretation and Feature Extraction, Preparation of Inventories of Land use / Land cover Features from Satellite Images.

Last Date of Registration: 11.03.2024

Course Duration: 14.03.2024 to 15.03.2024

Class Time: 10.00 am to 5.00 pm

Mode of Workshop: Offline

Who Can Apply?

Students, Research Scholar and Academician

Course Fee:

Student: Rs. 200/- only.

Academician: Rs. 500/- only.

Seat Limit: 60.

Registration Link-

<https://forms.gle/SF8Bp81X1LpppYaq7>

(Link will be inactive after fulfill the seat)

Payment Details:

Merchant Name: D N C College

UPI ID: dnccollegeseminar@sbi



***(Please pay your course fee before registration)**

**Registration fee includes workshop kit, tea/coffee and lunch & doesn't include TA and accommodation.*



2 Days Workshop cum Hands-on Training on Basics of QGIS

ORGANISED BY

Department of Geography
Dukhulal Nibaran Chandra College

In Collaboration with
Internal Quality Assurance Cell (IQAC),
Dukhulal Nibaran Chandra College



Resource Person



Dr. Niladri Das
Assistant Professor of Geography
Hiralal Bhakat College, Nalhati.

Dr. Niladri Das is an Assistant Professor in the department of Geography of Hiralal Bhakat College, Nalhati, Birbhum, West Bengal. He has completed his Ph.D from Visva-Bharati, Santiniketan in 2017. He attended so many national and international seminars to contribute his research thought. He wrote a book on Cartography in Bengali version which helps students to learn digital mapping through hands on practice. He has keen interest in groundwater hydrology, digital mapping and remote sensing that's why he is now engaged to do research on different aspects of groundwater hydrology and most of his research published on SCOPUS and Web of Science indexing international journals.

****Certificate will only be provided after successful completion of the Workshop.**

Patrons



Mr. Emani Biswas
Hon'ble President,
Dukhulal Nibaran Chandra College

Chairperson



Dr. Somnath Bandyopadhyay
Principal
Dukhulal Nibaran Chandra College

Advisor



Dr. Amitlal Bhattacharya
Assistant Professor of Physics &
Coordinator, IQAC
Dukhulal Nibaran Chandra College

Convener



Ms. Deblina Ghosal
Assistant Professor & Head of the
Department of Geography
Dukhulal Nibaran Chandra College

Treasurer

Dr. Nafisa Banu
Assistant Professor of Geography
Dukhulal Nibaran Chandra College

Organizing Members

Mr. Gourhori Mondal
State Aided College Teacher, Department of
Geography
Mr. Dilwar Badsha
State Aided College Teacher, Department of
Geography
Ms. Farhana Islam
State Aided College Teacher, Department of
Geography

For any Query
7890118104/9153125174