

FACULTY PROFILE

NAME – Partha Pratim Roy

DESIGNATION – Assistant Professor.

DEPARTMENT – Geography.

EDUCATIONAL QUALIFICATIONS – M.Sc.

AWARDS / MEDALS – Nil.

AREA OF SPECIALIZATION – Remote Sensing and Cartography.

TOPIC TAUGHT –

Under Graduate Level (CBCS System):

Honours Course:

Sem. – I: Geomorphology.

Sem. – II: Human Geography; Concept of Levelling & Surveying (Practical).

Sem. – III: Geography of India; Remote Sensing.

Sem. – IV: Geographical Information System (GIS); Transport Network Analysis;

Connectivity & Accessibility (Practical).

Generic Elective: Sem. – I & Sem. - III: Physical Geography.

Program Course: Sem. – III: Remote Sensing.

Sem. –IV: Geographical Information System.

Post Graduate Level:

Sem. – I: Geomorphology- Geomorphic Analysis; Hill Slope;

General Practical -Map Projections.

Sem. –II: Applied Geography (Physical)- Landslides (with special reference to Darjeeling – Sikkim Himalaya); Applied Geography (Cultural)- Environmental Management and Environmental Impact Assessment;

General Practical - Study of Topographic Maps.

Sem. – III: Geographical Thoughts- Geography during the Modern Period (Since 18th Century); Recent Trends in Geography (Since 1950); Explanation in Geography;

General Practical - Remote Sensing; GIS; Aerial Photo Interpretation.

Sem. – IV: Oceanography- Physical & Chemical Properties of Sea water; Ocean Currents, waves & tides; Sea level changes.

General Practical – Digital Thematic Mapping.

Special Paper: Fluvial Geomorphology- Fundamental of River Hydraulics and Mechanics; Hydraulic Geometry; Transportation of Sediment Load; Major changes of River Courses in Bengal during Historical Period; Evolution of Drainage patterns and their Geomorphic Characteristics of some Indian Rivers; Channel Forms and Processes of Indian Rivers.

Special Paper Practical – Fluvio-geomorphic Mapping with Remote sensing and GIS techniques; Measurements of Fluvial Processes; Hydrographs.

PAPERS PUBLISHED – 01.

BOOKS AUTHORED – Nil.

RESEARCH PROJECTS – Nil.

ADDITIONAL ACTIVITIES – As NGI for Human- wildlife conflict in forest villages in North Bengal Specially in Darjeeling District.

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