

GOURAV MUKHOPADHYAY

M.Sc. Earth Sciences

M.Sc Applied Geology

Postgraduate (IInd Year Ist Semester)

Registration No : MS/ES/08612004/10

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Indian Institute of Technology Roorkee

Area(s) Of Interest : Structural Geology, Sedimentology, Field Geology, Micropaleontology, Petroleum Geology, Exploration Geophysics

Educational Qualifications	Year	Board/Institution	CGPA*/ %
Postgraduate (Ist Year IInd Semester) (M.Sc Applied Geology)	2009	Indian Institute Of Technology Roorkee	8.820
Undergraduate Overall (B.Sc(Geology))	2008	Asutosh College, Kolkata (University of Calcutta)	67.250
Twelfth Class	2005	Mansur Habibullah Memorial School, Kolkata (I.S.C.E)	67.670
Tenth Class	2003	Mansur Habibullah Memorial School, Kolkata (I.C.S.E)	73.000



*GPA on a scale of 10

INTERNSHIP

Oil And Natural Gas Corporation Ltd., Kolkata.

Well Logging And Seismic Data Interpretation (16th December to 26th December,2008)

The training was completed under the guidance of Mr. Braja Gopal Samanta (DGM,Geology) and Mr. Mohammad Ali (DGM,Wells) at ONGC,Kolkata, during the short span of winter vacation. Various introductory aspects of Geology and Geophysics i.e. Well Logging; Seismic Data Acquisition, Processing and Interpretation; Sequence Stratigraphy; Stratigraphic Correlation; Basin Modeling;Detailed Planning and Setups used for exploration purposes were covered to broaden my knowledge base.The knowledge from the training can be used as a direct tool for hydrocarbon exploration and has immense utility in the oil industry.

PROJECTS

Indian Statistical Institute, Kolkata

Stratigraphy and Facies Analysis of Siwalik Formation in Western Arunachal Pradesh (

June-July, 2009)

The Siwalik Group of rocks comprise the first foreland sediments in the Himalayan orogenic belt and have been studied extensively to understand its evolutionary history.This project is an attempt to understand the Siwalik rocks of Arunachal Himalaya.In order to reconstruct the stratigraphy and paleoenvironment of the earliest foreland basin in this region, a survey of the Siwalik rocks in the Bhalukpong-Sessa transect was taken up.A small area was mapped through fieldwork involving detailed sedimentological studies.After analyzing the vertical succession of sedimentary structures, a part of the lower-middle Siwalik was inferred to have been deposited by a system of braided streams flanked by low-energy flood basin environment.The study was carried out with Prof. Tapan Chakraborty, ISI,Kolkata.

Indian Institute Of Technology Roorkee

Dissertation:Microtextural Studies of Karakoram Metamorphics (Expected date of completion 30th June, 2010)

Objective: To analyse thin sections of the samples of Karakoram Metamorphics as collected from the field and depict the temporal relationship between the growth of individual porphyroblasts of metamorphic mineral and its relation with the phases of deformation.

Asutosh College, Kolkata**Structural Geology Field Training And Mapping (19th January to 4th February, 2007)**

A field trip was conducted in and around Galudih, Jharkhand to get an introduction regarding various aspects of structural geology.

Asutosh College, Kolkata**Mine Training at TISCO, Noamundi, Jharkhand. (17th December-27th December, 2007)**

The training involved all the geological aspects of Mineral Exploration and Development of a mine.

Indian Institute Of Technology Roorkee**Geological Fieldwork In and Around Rishikesh (6th March-15th March, 2009)**

Involved various aspects of geology such as stratigraphy, structural geology, etc.

SKILLS AND ACHIEVEMENTS

Computer Languages: C++, MATLAB

Software Packages: Microsoft Office, Corel Draw, Photoshop, Global Mapper

Academic Achievements: 1) Obtained 1st position in B.Sc.(Hons.) in Asutosh College, Kolkata; 2) 3rd position in B.Sc.(Hons) in University of Calcutta, Kolkata; 3) 21st rank holder(Geology) and 24th rank holder(Geophysics) in JAM-2008.

Additional Courses Taken: Exploration Geophysics, Petroleum Geology, Paleoecology

Languages Known: English (S/R/W); Hindi (S/R/W); Bangla (S/R/W);

EXTRA CURRICULARS**Placement Representative of the Dept. of Earth Sciences, IIT Roorkee (2009-10)**

Working as an active link between the students and prospective recruiters in industry.

Geoidentification'09 in Cognizance'09 held at IIT Roorkee (2009)

Winner of the event

Cricket Tournament organised by Tollygunge Aggragami Club(Kolkata) (2001 and 2003)

Winner of the event

Ideaz'09 in Cognizance'09 held at IIT Roorkee (2009)

Coordinator of the event

Seminar on "Dying Rivers of Bengal" as organised by Sea Explorers' Institute, Kolkata (2007)

Event Management

Cricket Tournament organized by Hamrock Society, IIT Roorkee (2009)

Actively participated in the cricket matches and member of the semifinal team

PERSONAL DETAILS

Fathers name : S.S. Mukhopadhyay

Date of Birth : 04-03-1987

Gender : Male

Category : General

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REFERENCES

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