

Abhishek Bagui
abhishek.bagui2008@gmail.com
abhishek_bagui2008@yahoo.com

Present Address:

H/H-19/1, Baguiati,
Baguipara, V.I.P-Road,
P.O. - Aswininagar,
Kolkata- 700159
West Bengal
Cell No: (+91)9831644293
Home Ph.No: 033 2570 4942

Permanent Address:

H/H-19/1, Baguiati,
Baguipara, V.I.P-Road,
P.O. - Aswininagar,
Kolkata- 700159
West Bengal
Cell No: (+91)9831644293
Home Ph.No: 033 2570 4942

OBJECTIVE:

To gain experience and obtain a position in RS & GIS techniques with Software & Programming field.

PERSONAL INTEREST:

Applications of Remote Sensing and GIS in Hazard Mapping, Hydrology & Water Resources, Agriculture & Forestry, Environmental Studies, Resource Management, Urban Planning, Transport, Utility and Digital Mapping & GPS.

PROFILE

- ☐ Comfortable working on Microsoft Office 2011 and others essentials.
- ☐ Working knowledge with Cartography, Schematic and Digital Mapping & GPS, 3D Mapping, Hazard Mapping, C, C++, JAVA, HTML, PHP & CSS, WFS, WMS.
- ☐ Strong verbal and written communication skills.
- ☐ Multi-cultural background and fluent in English, Hindi, Bengali.
- ☐ Ability to work well with others and highly receptive to new environments and project handling capabilities.

SKILLS:

Technical Skills: Compass, GPS, Clinometer, Leica, Trimble, Theodolites, Dumpy, Penetrologger, Spectroradiometer, Photosynthesis System (LI-6800).

Computer Skills:

Software: ArcView 3.x, ArcGIS10.1x, Arc Map, Arc Catalog, Spatial Analyst, 3-D Analyst, DEM-Generation, ESRI, ERDAS, ENVI 4.7, MapInfo Pro, AutoCAD, MS Office, Adobe Acrobat, Photoshop, RStudio.

Programming Language: C, C++, Java, HTML, PHP, CSS & Python (Learner).

Operating System: Windows 7

EXPERIENCE:

1. Now as a Senior Research Fellow I am involved in "**Quantitative assessment of carbon and moisture fluxes over Jute based agro-ecosystem:** Integrating ground observations, satellite data and modelling" project at ICAR-CRIJAF, Barrackpore, Kolkata – **700 020.**

Duration: March 2018 to Still Working.

2. Project Name: "Impact Analysis of Industrial Wastewater Effluents on Surrounding Land and water bodies Using High Resolution Satellite Data—A Cadastral Level Pilot Scale Study over Parts of Hooghly Industrial Belt, West Bengal".

— **Role:** Junior Research Fellow.

— **Name of the Company:** West Bengal State Council of Science & Technology, Bikash Bhavan, North Block, Salt Lake, Kolkata – **700 091.**

Duration: August 2016 to March 2018.

3. Project Name: “Space Based Information Support for Decentralised Planning”, sponsored by NRSC, DOS, GoI, in West Bengal, India.
– **Role:** Junior Research Fellow.
– **Name of the Company:** West Bengal State Council of Science & Technology, Bikash Bhavan, North Block, Salt Lake, Kolkata – 700 091.
Duration: July 2014 to June 2016

4. Project Name: “ESPGT”
– **Role:** Senior Associate.
– **Name of the Company:** Innodata India Pvt. Ltd. A-14/15, Sector-16, Noida, Delhi.
Duration: January 2014 to July 2014

5. Project Name: “Land Use / Land Cover Change Analysis and Effect of Urbanization on Surface Runoff in Jumar River Basin, Ranchi, India, Using RS & GIS Techniques.”
– **Role:** Student, Research on thesis paper in III and IV semester.
– **Name of the Company:** B.I.T.Mesra, Ranchi, Jharkhand 835215
Duration: July 2012 to August 2013

6. Having hands on experience on Land use land Cover & Hydrology Related thinks.

EDUCATION:

M.Tech in Remote Sensing and GIS, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, July 2011 to 2013
First Semester with an aggregate SGPA of 7.32.
Was exposed to subject as Principles of Remote Sensing, Photogrammetry & Image interpretation, Geographic Information System, Geostatistic, Cartography, Digital mapping & GPS.
Second Semester with an aggregate SGPA of 8.00.
Was exposed to subject as Computer Programming, Digital Image Processing, Spatial Analysis & GIS Modelling, Elective-(Remote Sensing in Hydrology and Water Resources).
Third and Fourth Semester with an aggregate SGPA of 9.00.
In III and IV semester I was involved in Urban Hydrology project. It is a project on Land Use / Land Cover Change Analysis and Effect of Urbanization on Surface Runoff in Jumar River Basin, Ranchi, India, and Using RS & GIS Techniques.

M.Sc. in Geography from C.S.J.M. University, Kanpur, U.P. on 2009 with 59% marks.

B.SC. in Geography, from Calcutta University, Kolkata, West Bengal on 2007 with 50% marks.
Subject: Geography (H), Economics, Human Development, Bengali, English, Environmental Science.

Higher Secondary from West Bengal Council of Higher Secondary Education on 2004 with 61% marks. Subject: Bengali, English, Geography, Economics, History, Computer Application.

Madhyamik from West Bengal Board of Secondary Education, West Bengal on 2002 with 67% marks.

Geographical Field Project Completed:

M.Tech (Final) Project:

☐ **Topic:** “Land Use / Land Cover Change Analysis and Effect of Urbanization on Surface Runoff in Jumar River Basin, Ranchi, India, Using RS & GIS Techniques.”
☐ **Supervisor:** Dr. V.S.Rathore (Professor, Dept. of Geoinformatics & Remote Sensing, B.I.T. Mesra, Ranchi)
– **Year:** 2013.

M.Sc. (Previous) Geographical Field Project:

☐ **Topic:** “Physio-Cultural Study of Jaipur, Vrindaban, Mathura & Agra.”
☐ **Supervisor:** Prof. Gopalji Srivastava (Professor, Head of the Dept. of Geography, D.A.V. College, C.S.J.M. University, Kanpur).
☐ **Year:** 2008.

M.Sc. (Final) Geographical Field Project:

- **Topic:** “Physio-Cultural Study of Chitrakut District (U.P.).”
- **Supervisor:** Prof. G.L. Srivastava (Professor, Dept. of Geography, D.A.V. College, C.S.J.M. University, Kanpur).
- **Year:** 2009.

B.Sc. Geographical Field Project:

- **Topic:** “Physio-Cultural Study of Burtuk Village (Gangtok).”
- **Supervisor:** Prof. Arpita Chatterjee (Professor, Dept. of Geography, Dum Dum Motijheel College, University of Calcutta, Kolkata).
- **Year:** 2007.

TRAINING AND OTHER COURSES:

1. Certificate course on “Computer Application and Programming Language” during the period 13-02-09 to 13-02-10, from CMJ College, Baguiati, VIP Road, Kolkata.
2. Certificate course on “Core Java and OOPs Concept” during the period 09-02-11 to 11-04-11, from CMC Computer Education, Dum Dum (Nager Bazar), 648, Jessore Road (2nd Floor), Kolkata.
3. Certificate course on "HYDROLOGY MODELLING USING RS/GIS WITH SPECIAL REFERENCE TO CLIMATE CHANGE" Organised by National Institute of Hydrology, Roorkee and The Institution of Engineers (India), Roorkee Local Center (RLC) at Roorkee.
4. Post Graduate Diploma in “URBAN PLANNING & DEVELOPMENT”, from Indira Gandhi National Open University (pursuing).
5. Certificate course on "WebGIS – from Concepts to Implementations" Organised by Computer Aided Design Centre, Prayukti Bhavan (2nd Floor), Jadavpur University, Kolkata-700 032 West Bengal, India.

ACHIEVEMENTS:

1. Delivered Speech as an **Invited Lecturer** on “22nd West Bengal State Science & Technology Congress-2015” in Section Geography, Earth Science & Environmental Science.
2. Delivered Speech as a Speaker and presented paper on “36th INCA International Congress on Cartography for Analysis and Management of Climate Change-2016” in Section Department of Geography, Visva-Bharati, Santiniketan.

GENERAL INFORMATION:

Name: Abhishek Bagui
Father's Name: Lakshmi Narayan Bagui
Birth Date: May 3, 1985
Nationality: Indian
Sex: Male
Category: UR
Telephone: (+91) 9831644293, (+91) 7980556107
Email: abhishek.bagui2008@gmail.com