

Inshu Chauhan

Assistant Professor, G. B. Pant Institute
of Engineering and Technology,
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EDUCATION

1. M.Tech, Civil Engineering with specialization in Geomatics Engineering, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, India

Thesis title: Classification of high density mobile mapping LiDAR data in urban landscape
2. B.Tech, Civil Engineering, College of Engineering Roorkee, Roorkee, Uttarakhand, India

INDUSTRIAL TRAINING

1. “Disaster Mitigation and Management with special emphasis on civil engineers at IIT Roorkee. (1 month)
2. “Analysis of irrigation structures”, Irrigation Research Institute, Roorkee (Summer Internship)

PUBLICATIONS

Journals

1. Inshu Chauhan, Claus Brenner, R. D. Garg, M. Parida, **Journal of the Indian Society of Remote Sensing, September 2014, Volume 42, [Issue 3](#), pp 673-678. (SCI indexed)**

Conferences

- “Online passenger Information system” at Computer Applications conference, College of Technology Pantnagar.
- “Jorthang barrage: Case study” at Cognizance’09 at IIT Roorkee

SHORT TERM COURSES

1. TEQIP III sponsored 1 week course on Digital Signal and Image Processing, Computer science department, GBPIET, Pauri Garhwal.
2. TEQIP III sponsored short term course on “Application of probability and statistics in civil engineering” at IIT Delhi.

AWARDS

1. Awarded scholarship for obtaining 100 % marks in National Mathematics Olympiad, 2004.
2. Awarded MHRD scholarship for pursuing M.Tech at IIT Roorkee through GATE.
3. Awarded DAAD scholarship for doing M.tech. dissertation from Leibniz University Hanover, Hanover, Germany.
4. Awarded 'Amba Prasad Kalawati Memorial' prize for obtaining highest CGPA in Master of Technology (Geomatics course), Civil Engineering Department, IIT Roorkee.

RESEARCH AREA

Remote sensing, GIS, LIDAR data processing, Application of geomatics engineering in civil engineering, machine learning, data mining.

TECHNICAL SKILLS

Arcgis, Erdas Imagine, Python programming, Open Cv, Weka(data mining), Auto cad-07, Ms office, basic knowledge of html, java and c++ language.