Pradeep Chaudhry
M.Tech Civil Engineering
Geomatics Engineering
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Indian Institute of Technology Roorkee

Area(s) Of Interest: Java Programming, GPS, GIS, Photogrammetry, Remote Sensing.

Educational Qualifications	Year	Board/Institution	CGPA*/%
Post Graduate (Geomatics Engineering) (Civil Engg. Department)	2012	IIT Roorkee	7.91
Undergraduate (Computer Sc. & Engineering)	2009	SRMS CET, Bareilly	64.54%
Twelfth class	2005	Radha Madhav Public School, Bareilly	62.80%
Tenth class	2003	Radha Madhav Public School, Bareilly	73.80%

*GPA on a scale of 10

WORK EXPERIENCE

Senior Research Fellow

Indian Agricultural Research Institute (03/Sep/2012 – 21/Sep/2013)
Developed a **Decision Support System** for enhancing the productivity from irrigated saline environment in java language with derby as database under the National Agricultural Innovation Project, NAIP: 70-22.
Developed another DSS for enhancing the water productivity of irrigated rice-wheat cropping system under the National Funds for Basic Strategic and Frontier Application Research in Agriculture Project, NFBSFARA: 20-15.

INTERNSHIP

Nettech

IIM Calcutta certificate for Network Management (2 months)
Worked on Linux as a Network Administrator, developed a software router, managed disk quota in between Linux and windows.

DISSERTATION

Indian Institute of Technology Roorkee
Prediction of Ionospheric error in GPS data at an observation station (6 months)
This dissertation explains the impact of solar flares specifically on the data collected by GPS satellites at an observation station and predicts the error due to Ionospheric disturbances.

PROJECTS

Indian Institute of Technology Roorkee
An evaluation of space weather using GPS (2 months)
This project evaluates the effect of space weather on earth's atmosphere by considering the change in the Total Electron Content using GPS.

SRMS CET, Bareilly
An Authentication Server (1 year)
The Project was a distributed online authentication server whose purpose was to check the authenticity of the new user joining the network.

SRMS CET, Bareilly
Implementation of SLR parsing system using C (1 months)
The program was to check the syntax and build a parse tree.

PUBLICATIONS

Chaudhary, P., Ghosh, J.K. "Prediction of Ionospheric error in GPS data at an observation station" (S)

Ghosh, J.K., Sachan, A., **Chaudhary, P.** "Forecasting of rainfall using ANN, GPS and meteorological data" (S)

INTERNATIONAL CONFERENCES

Avinash Kumar, **Pradeep Chaudhary,** Prof. S.K. Ghosh, (2012), GIS based planning for finding optimal gas pipeline route in IITR campus, The 14th Annual International Conference and Exhibition on Geospatial Information Technology and Applications February 8-9, 2012.

SKILLS AND ACHIEVEMENTS

Computer Languages:	C, C++, Java, PHP, ASP.NET, Visual Basic
Software Packages:	Bernese GPS Software, Trimble Business Centre, GPS Pathfinder Office, ARC GIS, ERDAS, Netbeans IDE, Adobe Dreamweaver, MS Visual Studio, MySQL & Oracle 9i/10g
Academic Achievements:	GATE 2008 & 2010 qualified
Additional Courses Taken:	Oracle Workforce Development Program, Network Management Program
Languages Known:	English (S/R/W), Hindi (S/R/W)

PERSONAL DETAILS

Father's Name: Tara Chand Chaudhry

Date of Birth: 19-07-1987

Gender: Male

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REFERENCES

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