

# CURRICULUM VITAE

## NITIN GREWAL

### Personal Profile:

**Postal Address:** 4/2 B, SuCasa Unique, Near Elachi More, Narendrapur, Kolkata, West Bengal - 700103

**Date of Birth:** October 5th, 1989

**Nationality:** Indian

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**Permanent Address:** Village-Bamla, Bamla-2, Bhiwani, Haryana - 127021

### Academic Records:

Degree & Year	School/College	Board/Affiliation	Percentage/GPA*						
			Semester (GPA)						OGPA
1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>				
3 Year M.Sc. Tech. Applied Geophysics (2012-2015)	Indian School of Mines, Dhanbad	Indian School of Mines, Dhanbad	8.44	7.89	8.15	8.18	7.27	8.15	8.01
B.Sc.Hons.(Physics)	Hindu College	Delhi University	64.07						
Grade XII 2007	Mahendra Model Senior Secondary School	CBSE	87.00						
Grade X 2005	Government Senior Secondary School, Baas, Haryana	HBSE	64.00						

\*GPAs are calculated on absolute scale of 10 and OGPA is Overall GPA till 6th(final) semester.

### Projects, Internships, Industry Exposure & Work Experience:

Name of The Organization	Duration	Title of Assignment	Details
O.N.G.C. SPIC, WOB, MUMBAI	12 Days	Summer Industrial Training	We have attended lectures provided by SPIC, ONGC, MUMBAI on various processing steps on seismic reflection data, AVO data and seismic inversion. There we have also visited field for seismic data acquisition.
Indian School of Mines, Dhanbad	15 Days	Winter Geophysical Field Training	Field excursion in Jadugoda region involved practical experience of data acquisition of GPS and geophysical methods including Gravity, Magnetic, Seismic, Magnetotelluric, Frequency domain electromagnetic, Resistivity, Induced Polarization and Self-Potential.
Geology department, Delhi University	29 Days	Resistivity and GPR methods	Project on "Ground Penetrating Radar and resistivity methods" under the guidance of Dr. C. S. Dubey (HOD), Department of Geology, Delhi University.
Indian School of Mines	10 Days	Winter Geological Field Training	Identification of rock lithology, sedimentary structures and geomorphologic sequences for geological mapping of Bhuli-Bansjora region near Dhanbad.
(NON-TECHNICAL PROJECT) NSS (Delhi University)	1 Year	Teaching Slum Children	Was an active member of NSS, while studying in Hindu college College, Delhi University. I along with a team of 20 members provided tuition classes for underprivileged children. Also, organized and attended several Blood donation camps and also participated in cancer awareness campaigns. We also visited Old age homes during festivals.

### Current Status

Working as a JRF (project mode) in a DST (CCP-DST) project titled "HUMAN SURFACE THERMOGRAPHIC PROFILING AS INDICATOR OF CLIMATE SUSCEPTIBILITY AND IMPACT MITIGATION USING SOCIAL NETWORKING" in School of Environment and Disaster Management at 'Integrated Rural Development and Management' Faculty Centre, Ramkrishna Mission Ashrama, Narendrapur, Kolkata.

## **Awards and Achievements**

1. Leader of opposition of Hindu College Hostel.
2. Table Tennis champion of Hindu Hostel Sports Meet.
3. Captain of gold medal winning table tennis team of IIT Kharagpur at Spardha(IIT BHU).
4. School Topper in 10+2.

## **Extra-Curricular Activities**

1. Active member of NSS in college.
2. Was one of the conveners of The Annual Physics Fest 'EUREKA': 2011 organized by the members of the physics society of Hindu College, University of Delhi and Organizer of the 'Treasure Hunt Contest'.
3. Magazine manager of Hindu college physics department magazine of 2011 named 'QUARKS'.
4. The head organizer of the college festival MECCA-2011.

## **Computer Skills**

1. Programming Languages: Shell Scripting, Fortran, C, OOP with C++, JAVA, Matlab.
2. Good proficiency in various seismological processing and mapping software like SEISAN, SAC, PQLX, SEISMIC HANDLER, Generic Mapping Tools.
3. Good experience of extracting and manipulating NETCDF data using data extraction tools (like NCO tools), MATLAB etc. Adequate proficiency in processing Thermal Images using MATLAB.
4. Good acquaintance with various kinds of Global and regional Climatological Models and their structure.
5. Operating Systems: Linux, Windows, Mac OS

## **Hobbies**

1. Playing Table Tennis and Cricket
2. Listening Music
3. Reading