

Curriculum Vitae

Sunny Agarwal

Central University of Jharkhand,
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CAREER OBJECTIVE

Looking forward for a challenging work environment to accomplish the given assignments and projects in time and to realize the expectation of the institute/organization as a researcher/executive. I work to the best of my capabilities with the aim of leveraging my skills and experience towards academic, scientific and industrial growth.

ACADEMIC BACKGROUND

Name of Examination	School	Board	Year of Passing	Percentage
A.I.S.S.E (10 th)	D.A.V. Model School, Digwadih(Dhanbad)	C.B.S.E	2008	76
A.I.S.S.C.E (12 th)	D.A.V. Model School, Digwadih(Dhanbad)	C.B.S.E	2010	62

TECHNICAL QUALIFICATION

Presently pursuing 5 year Integrated Masters Programme (M.Tech.) in Water Engineering and Management in Centre for Water Engineering and Management, Central University of Jharkhand, Ranchi and currently studying in 9th semester.

Semester	University	Year of passing	SGPA
1 st semester	Central University of Jharkhand	2011	8.10
2 nd semester	Central University of Jharkhand	2012	7.32
3 rd semester	Central University of Jharkhand	2012	8.52
4 th semester	Central University of Jharkhand	2013	7.96
5 th semester	Central University of Jharkhand	2013	8.50
6 th semester	Central University of Jharkhand	2014	7.88
7 th semester	Central University of Jharkhand	2014	8.73
8 th semester	Central University of Jharkhand	2015	8.19

TRAINING AND INTERNSHIP

IInd Year:-

Winter Training

Institution: MSME Tool Room, Jamshedpur (**Indo-Danish Tool Room**).
Course: AUTO CAD-2011.
Duration: 2 weeks.

Summer Training

Organisation: Central Public Work Department (**CPWD**).
Project Title: Observational training.
Description: Subway and multi-storey buildings construction in Indian School of Mines (**ISMU**), Dhanbad.
Duration: 4 weeks.

IIIrd year:-

Winter Internship

Institution: Indian Institute of Technology (**IIT**), Kharagpur.
Project Title: Winter Internship.
Description: Infiltration and water movement in unsaturated soils and its governing equations, infiltration estimation with the help of "Double Ring soil Infiltrometer", MATLAB programming for Richard equation and lab tour of Civil Engg. Department including Water resources, Geotechnical, Environmental, Transportation and Structural engineering.
Duration: 3 weeks.

Summer Training

Institution: Soil Conservation Training Centre, Soil Conservation Department, Damodar Valley Corporation, Hazaribag (Jharkhand).
Project Title: Integrated Watershed Management.
Description: Site visits and project work on SDS (Silt Detention Structure) and WHS (Water Harvesting Structure).

Area of Interest: Fluid Mechanics and Hydraulics, Hydrology, Watershed Management & Modeling and GIS, Remote sensing applications.

ACADEMIC ACHIEVEMENTS

- ✓ Selected from school to participate in the Mains Examination of 2nd **Inter School Science Talent Search Exam**, 2007 in the month of November.
- ✓ Attended 2years workshops **in History and Philosophy of science** at our University conducted by **IISC Bangalore**.
- ✓ Successful completion of C programming Test organized at our university conducted by Spoken Tutorial Project, **IIT Bombay** on 4th October, 2013.
- ✓ Participated in Great Step 2013, organized by the Department of Mining Engineering, Indian Institute of Technology(**IIT**), Kharagpur during 25th – 27th October.
- ✓ Participated in the workshop on **Cyber Security – The driving secured future** held at **Central University of Jharkhand**, Ranchi on 16th January, 2014.
- ✓ Successful completion of 11th Satellite based distance learning program on "Basics of Remote Sensing, GIS and GNSS" conducted by **Indian Institute of Remote Sensing, ISRO** from 5th Aug, 2013 to 4th Nov, 2013.

- ✓ Successful completion of 12th Satellite based distance learning program on “Microwave (SAR) Remote sensing for Natural Resources” conducted by **Indian Institute of Remote Sensing, ISRO** from 3rd Feb,2014 to 29th March,2014.
- ✓ Qualified Graduate Aptitude Test in Engineering (**GATE-2015**) in **Civil Engineering** paper.

COMPUTER SKILLS

- ✓ Operating Systems: Windows 98/XP/Vista/7/8/Linux- Ubuntu.
- ✓ Software's: AutoCAD 2013 and earlier, MATLAB, C, C++, MS Office suite, and Introductory knowledge of Arc GIS & SWAT and Erdas Imagine 9.0, WEAP (Water Evaluation And Planning).

PERSONAL DETAILS

Date of Birth : 17-02-1992
Father's Name : Mr. Ashok Agarwal.
Mother's Name : Mrs. Manju Agarwal.
Category : General.
Gender : Male.
Nationality : Indian.
Permanent Address : Bhowra Bazar near 7-B Mines,
Dhanbad-828302 (Jharkhand), India.
Permanent Phone No. : +91- 8797578039, +91-7301910184.
Languages Known : English and Hindi.

References

1:- Name- Dr. Ajai Singh, Associate Professor and Head, Centre for Water Engineering and Management, Central University of Jharkhand, Ranchi.

Phone-9031450087
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2:- Name- Dr. Vinod Kr. Tripathi, Associate Professor, Centre for Water Engineering and Management, Central University of Jharkhand, Ranchi.

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3:- Name- Dr. Dhruvajyoti Sen, Professor, Department of Civil Engineering Head, School of Water Resources, IIT Kharagpur.

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Declaration

I declare that the details above are correct and true to the best of my knowledge and belief and I have substantial proof to support them.

Date: - 15.06.2015

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