

CURRICULLUM VITAE

Abhishek Singh Sengar

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Present Address: 117/799 Q Block Sharda Nagar, Kanpur-248001, India



Profile:

To contribute to the economic and social development of a community by participating in different events and by promoting the protection of the environment using of GIS application

Personal Details

Father's Name - Yogendra Singh Sengar

Mother's name - Sudha Singh Sengar

Date of Birth - 07/09/1988

Permanent Address - 117 799 Q Block, Sharda Nagar, Kanpur, U.P.

Gender - Male

Category - General

Religion - Hindu

Nationality - Indian

Languages Known - English and Hindi

Hobbies - Gardening and cooking, most of the time during weekends enjoying with my friends by doing activities such as cooking, playing badminton and academic discussions.



Educational Qualification:

EXAMINATION	SUBJECTS/SPECIALI ZATION	BOARD/UNIVERSIT Y	YEAR OF PASSING
Secondary (class 10 th)	Science, mathematics, social science, English, Hindi, Drawing	UP. Board	2002
Senior secondary (class 12 th)	PCM	UP. Board	2005
Graduation (B.Sc.)	PHYSICS, CHEMISTRY	CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR	2011
Post-graduation (M.Sc.)	Environmental science	CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR	2015
M.Tech. in RS & GIS	Agriculture & soil Department	IIRS, ISRO, Dehradun	2018



Technical Skills:

Operating systems	- Microsoft Windows, Linux, AWS
Software Proficiency	- SNAP, ArcGIS 10.1, ENVI 5.0, ERDAS IMAGINE 14, Sigma Plot, Sigma stat,
	- SARPROZ, SARSCAPE, Qgis ILWIS, etc
Languages	- Matlab, python, R-console(Biggner)
Numerical models	- RUSLE ,USLE, APEX , MACHINE LEARNING Algorithms(ANN,SVM),WRF(learning)



Soft Skills:

Gentle and humble in communication ,Innovative and proactive Learner



Job Experience

Worked as a Remote Sensing Analyst in SatSure Pvt Ltd, Bengaluru, Karnataka (Oct 2018-19)

Currently working as a Geospatial Software Engineer in SatSure Pvt Ltd, Bengaluru, Karnataka (Oct2019 onwards)



Project Experience:



M.Sc. Project:

Water quality analysis in river Ganga using physio-chemical methods.



M. Tech project :

Yield Estimation using Multitemporal SAR data of Soybean Crop in Dewas district, Madhya Pradesh

Mtech Case study about comparison of different unsupervised classification technique using Sentinel 1 SAR data for agriculture field in Hardwar Region, Uttarkhand, India

- Being actively participant in various government, non-government, International projects and Poc's during engagement with SatSure like Land preparation identification Using SAR and Optical data , Climate Smart agriculture, Forest change detection ,Volcano eruption damage assessment at Batangas Philippines , Hailstorm damage assessment, GT plan for minor crops, Flood monitoring etc.



Honours/Awards:

Participation in Swacch Bharat Mission in IIRS, ISRO Dehradun 2016.

Stood First in the Business pitch hackathon within the company 2020.

Article published in Geospatial awareness Hub Titled as "Significance of geospatial Big Data in improving Agriculture and Smart Infrastructure in India.



References:

1. Dr N.R. Patel Scientist/Engineer- SG Phone: 0135-2524138 Email: nrpatel@iirs.gov.in	2. Dr. Harish Chandra Karnatak Scientist/Engineer- SF & Head Phone : 0135-2524332 Email : harish@iirs.gov.in	3.Ms.Charu Singh Phone: Scientist/Engineer- SE Email: charu@iirs.gov
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DECLARATION:

I hereby declared that the information given above is true to the best of my knowledge and belief.

Date-23/07/2020

Place: Bengaluru