

VAISHALI SHARMA

Date of Birth: 15th February 1992

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EDUCATIONAL CREDENTIALS

M.Tech (Remote Sensing/GIS) (2013-2015)

Remote sensing application center Lucknow, U.P. India **72.55%**

B.Tech (Information Technology) (2008-2012)

Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Distt.Satna, M.P. **71.38%**

XII 2008

Vidya Dham Higher Secondary School, Chitrakoot M.P. **66.4%**

X 2006

Vidya Dham Higher Secondary School, Chitrakoot M.P. **76.6%**

SUMMARY OF SKILLS AND WORK EXPERIENCE

Total work experience in the field of remote sensing and GIS is 4 yrs. approx.

Company Name	Designation	Project Name
RV PLANET PRIVATE LIMITED (Working from November 2019)	IT & GIS Analyst	Point Of Interest Based Utility Mapping, electric poll route mapping and monitoring project, Crop area assessment project, Software Development, Web Management
DMRK INFOCAD PVT LTD. (January 2019 to October 2019)	GIS Engineer	Property tax assessment project for Delhi, Haryana, M.P. U.P. Bihar. Network utility mapping project, Software Development, Web Management
Remote Sensing Applications Centre- U.P. (May 2016 to December 2018)	Project Scientist	UPWSRP-II, NGT

- Expertise in Web Design and Development, Image processing software and tool developments.
- Special interest in Atmospheric Science and Earth Science, skilled in project management, outstanding communication skills.
- Expertise in Hyperspectral Remote Sensing, Pattern Recognition in Remote Sensing, Thermal remote sensing, Optical Remote Sensing and Microwave Remote Sensing.

Computer Proficiency

Languages	Python, C, C++,C#, ASP.NET, JAVA, ERDAS MACRO LANGUAGE (EML), PHP, MATLAB, HTML
Software	Arc GIS , ERDAS, GRASS, QGIS, ENVI, ILWIS, BEAM, AUTOCAD, HEG Tool, Geomatica etc.
Satellite Data	Sentinel, Landsat, CartoSat, Resourcesat, Rainfall, MODIS, Google Earth data etc.

Projects and Research

- International Research Paper published in International Conference on Modern Trends in Civil Engineering"(ICMTCE-2019) Entitled "**Estimation of land Surface Temperature Variation over Varanasi District U.P. by using LANDSAT 8 Satellite Data**". **Impact Factor: 5.22 (SJIF-2017),e-ISSN:2455-2585**
- International Research Paper published in Springer Publication entitled “ **Aerosol Optical Depth Variation During A Recent Dust Storm Event In North India**” for conference (icwees 2016) organized by AISECT university, India and TEXAS University, USA. **Print ISBN978-981-10-5791-5.**
- Published a research work in edited book on ‘Water Resources, Irrigation Practices And Sustainable Agriculture’ entitled “**Change Detection of Cropped Area in Haidergarh (23-down) Canal Command & Control Command Area of U.P. Using remote Sensing & GIS Techniques (2012-2017)**”.
- Executing a project Entitled "Spatio-Temporal Variation and Correlation of Land Surface Temperature and Aerosol Optical Depth over 3 Smart Cities of Uttar Pradesh".
- Presented International Research Paper Entitled "Impact Assessment of Canal Lining on Crop Acreage Changes In Lower Ganga Canal System Using Remote Sensing & GIS Techniques" at ICECS-2018 Central University-Ranchi.(Under proceeding for Publishing in Springer)
- Presented International Research Paper Entitled "Monitoring and Analysis of Sodic Land & its Dynamics using Remote Sensing & GIS Techniques in Unnao District, Uttar Pradesh India at ICECS-2018 Central University-Ranchi.
- Completed M.Tech project on ‘Temporal Variation of Aerosol Optical Depth over Northern India’ from Indian Institute of Remote Sensing, ISRO, DOS, Dehradun, India.

Extra-curricular Accolades

- Student representative of Anti-Ragging Committee.
- 1st Price in Group Dance at University level (2011, 2010 & 2009)
- Head girl at School. Hosted cultural events at School & university level.
- Participated in various quiz, poetry, essay and story writing competitions at school.
- Actively participated in cultural activities at school and college.

I hereby declare that the above written particulars are true to the best of my knowledge and belief.



DATE :

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