

# VIVEK TRIPATHI

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## Career Focus:

To be associated in progressive environment that provides an opportunity to apply my knowledge and skills in order to keep abreast with latest trends and technologies in GIS field Technology and Rural applications.

## Education:

EXAMINATION	FACULTY	BOARD\UNIVERSITY	YEAR	AGGREGATE
Bachelor of Technology	Agricultural Engineering	Anand Agricultural University	2009-13	8.52/10
Higher Secondary (12th)	Maths	Central Board Of Secondary Education	2008	78%
Senior Secondary (10th)	Maths	Central Board Of Secondary Education	2006	84.8%

## Professional Experience and Research Undertaken:

**Teaching Assistant**, Centre of Studies In Resources Engineering, Indian Institute of Technology, Bombay.

**Research Intern**, Centre of Environmental Science & Engineering, Indian Institute of Technology, Bombay.  
Work Responsibilities: Assessment and analysis of existing metal pollutants in daily diet of Powai, Mumbai.

**GIS Analyst**, GIS Development Cell, Hardcastle GIS Solutions Pvt Ltd., Pune. May 2012 to July 2012  
Work Responsibilities: Crop Suitability inventory on GIS platform and remotely sensed datas.

## Elective and Interests:

Impact Assessment & GIS application to various Modeling and Irrigation Water Management, Precision Farming and Agricultural operation. Neural Networks and fuzzy logic study. Remote Sensing Algorithm.

## Advanced Studies and Projects:

1. One month training at Central Institute of Agricultural Engineering, Bhopal, India, June 2011.
2. One month Project on "Assessment of Toxic Metals in Agricultural Produce", Centre for Environmental Science and Engineering, Indian Institute of Technology, Bombay, July 2011.
3. Two Month Project on "Crop Suitability Mapping using GIS and Fuzzy logic". Hardcastle GIS Solutions Pvt Ltd., Pune, India. May-July, 2012.
4. Two Month Project on "Estimation of soil erosion and potential erosion area in Panchmahal using RUSLE and GIS". College of Agricultural Engineering & Technology., Godhra, Sept-Nov, 2012

## Achievements:

1. Secured 8<sup>th</sup> rank in GATE-2013 in AG branch and first in University to secure under 10 ranking.
2. Qualified AIEEA-PG(53<sup>rd</sup> rank),AIEEA-UG(253<sup>rd</sup> rank) and IIT-JEE(EML) in 2013,2009,2009 respectively.

3. Won 2<sup>nd</sup> prize (National Young Innovator) in Paper Presentation entitled “Innovation for green and better life” held in Pune for Agricultural based students.
4. Selected among the top 5 student in University to attend MAHINDRA SAMRIDDHI AGRI AWARDS 2013.
5. Selected as University participant in All India “AGRI-UNIFEST”, 2011 (In Debate).
6. Selected for presenting Review-paper entitled “Agricultural viability towards sustainable Green Economy” in the proceedings held in Pune.

**Membership:**

Student Partner of technical festival of Indian Institute of Technology Roorkee under the banner Cognizance12

**Scholarships:**

Kishore Vaigyanik Protsahan Yojna (KVPY) fellowship, 2010-2012 to undertake Summer Research Projects in any National Institution of India.

The Indian Council of Agricultural Research Fellowship, 2009-2013 to undertake Graduation in any state Agricultural University of India.

**Academic Credential:**

Secured first position in all semesters in Engineering faculty of Anand Agricultural University.

**Seminar:**

Human resource training cum seminar on Public Leadership and Development by ISPL, Ahmedabad.

**College Project Detail:**

**Project Title:** Estimation of evapotranspiration using empirical equation, multiple linear regression and neural networks.

**Overview:** This Project comprises of first time modeling of evapotranspiration for Godhra region and analyzing the suitability of best estimation method among the chosen eleven evapotranspiration estimation methods. It also deals with analysis and assessment of neural network to forecast the evapotranspiration for coming years.

**Publication:**

Lokeshappa B., Kandarp Shivpuri, **Vivek Tripathi**, Anil K. Dikshit, 2012. Assessment of Toxic Metals in Agricultural Produce.

**Declaration**

I consider myself familiar with Agricultural Engineering aspects. I am also confident of my ability to work in a team. I hereby pronounce that the information furnished above is true to the best of my knowledge.

**Place: Mumbai**

**(Vivek Tripathi)**