

# Dr. Devdutt Vijay Upasani

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## Present position

- Assistant Professor

## Contact Details (Mention e-mail) – fergusson.edu or despune.org

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 devdutt.upasani@fergusson.edu

 <https://scholar.google.com/citations?user=e8liKw4AAAAJ&hl=en>

 <https://www.researchgate.net/profile/Devdutt-Upasani>

## Work Experience

1. Since Teaching: 14 years
2. Research/Industrial: 18 years

## Course(s) Taught (Only Titles)

1. Mineral Science
2. Petrology
3. Geomorphology
4. Remote Sensing
5. Hydrogeology
6. Field Geology
7. Groundwater Development and Management

## Field of Specialization/Areas of Interests

- Hydrogeology
- Igneous Petrology
- Field Geology

## Education

- Ph.D. – (Geology): February 2008 to February 2015
- Title of the Thesis: Hydrogeological studies to develop a groundwater management strategy in parts of Bagli and Udainagar Tehsil, Dewas District, Madhya Pradesh.

SavitribaiPhule Pune University; Year of Award: 2015

- Master of Science/Arts- (Geology): 2005-2007, University of Pune
- Bachelor of Science- (Geology):2002-2005, Fergusson College, Pune

#### **Fellowship/Awards/ Certifications/Achievements/Recognitions**

- Awarded Mobility for training, twice, as a part of Erasmus + project for visiting Institute of Geological Sciences, Jagiellonian University, Krakow
- Awarded NFP scholarship to study 'Applied Groundwater Modelling' at IHE, Delft, Netherlands

#### **Member of College Committees/ Professional Bodies and Others**

| <b>College Level</b>                     | <b>Professional Bodies</b>               | <b>Others</b>                                                   |
|------------------------------------------|------------------------------------------|-----------------------------------------------------------------|
| Anti ragging Committee                   | Life member of Himalayan Geology Journal | Member of BOS in Geology,Savitribai Phule Pune University, Pune |
| Examination Committee                    |                                          |                                                                 |
| Deccan Education Society Incubation Cell |                                          | Member of BOS in Geology, Fergusson College (Autonomous), Pune  |

#### **Employment History**

1) Advanced Center for Water Resources Development and Management (ACWADAM), Pune  
Role : Scientist  
Duration : 2007-2011

## Research Projects

| Title of the Project                                                                                                                             | Name of Funding Agency | Amount(Rs) | Duration (Year) (From To) | Type (Minor/Major) | Outcome                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------|---------------------------|--------------------|---------------------------------------------------------------------|
| Petrographical and Geochemical characterisation of the Giant Plagioclase Basalt Horizon occurring in the areas of south Pune and Satara District | BCUD, SPPU             | 1,50,000   | 2016-2019                 | Minor              | Petrographic studies and geochemical studies of M4 GPB in the area. |

## Research Publications in National and International Journals

1. Mahamuni, K. and D. Upasani (2011) Springs: A common source of a common resource. In: Sustaining Commons: Sustaining Our Future. Thirteenth Biennial Conference of the International Association for the Study of the Commons (IASC-2011). Digital Library of The Commons, Indiana University. <http://sikkimsprings.org/dv/research/299.pdf>
2. Patil S., Prasad E., Kaushal N., Upasani D. and Poddar P. (2011) From Uncommon back to the Commons: An Experience from North Bihar. Thirteenth Biennial Conference of the International Association for the Study of the Commons (IASC-2011). Digital Library of The Commons, Indiana University
3. Sarkar P.K., Upasani D.V. and Soman A.C. (2012) Occurrence of well crystallized Nontronite in the gas vesicles of a megaporphyritic basalt flow near Nighoj, Ahmednagar district, Maharashtra. Journal of the Geological Society of India, Vol. 82 Issue 4, Pg. 363-367
4. Sarkar P.K., Upasani D.V., Jadhav P.B. and Kolwalkar P. (2014) Study of Cavity filling Quartz Grains from the Ejecta Blanket at Lonar, Buldhana District, Maharashtra, India: An Evidence of Meteoric Impact, International Research Journal of Earth Sciences, Vol. 2 Issue 10, pg. 1-7
5. Sarkar P.K., Upasani D.V. and Tasadoq J. (2014) Estimation Of Paper Waste Generated At Few Of The Lottery Centres In And Around Pune, Maharashtra, India. Journal of Environmental Research And Development, Vol. 9, Issue 2
6. Kale V.S., Survase V and Upasani D. (2014) Technical Report Geological Mapping of Koyna-Warna Region, India
7. Sarkar P.K., Upasani D.V., Sikilikal N. and Moray G. (2015) Physical Evidence of Vesicular Cylinders in Pahoe-hoe Lava Flow at Pataleshwar Temple, Pune, India. Journal of Geosciences Research, Vol. 1 Issue 1, Pg. 11-15
8. Pradeep K Sarkar, Devdutt V Upasani, Vibhuti Wani (2016) Alteration of volcanic glass to well-crystallized ferrosaponite in the vesicles of the Deccan trap basalts at Bhuleshwar Ghat section, Pune district, Maharashtra. Journal of the Geological Society of India, Vol. 88, Issue 1, pp. 22-28
9. Vivek S Kale, Gauri Dole, Devdutt Upasani, Shilpa Patil Pillai (2017) Deccan Plateau uplift: insights from parts of western uplands, Maharashtra, India, Geological Society, London, Special Publications, Vol 445, Issue 1, pp. 11-46.
10. Gauri Dole, Shilpa Patil Pillai, Devdutt Upasani, Vivek S Kale (2017) Triggering of the largest Deccan eruptions by the Chicxulub impact: Comment. Bulletin Geological Society of America, Vol 129, Issue 1-2, pp. 253-255
11. Shilpa Patil Pillai, Kondepudi Pattabhiram, Gauri Dole, Priyanka Shandilya, Devdutt Upasani, Kanchan Pande, Vivek S Kale (2022) Geometry and age of a mafic dyke emplaced along the

### **Participation in Conferences/Seminars/Symposia/Workshop:**

Participated in 37th International Geological Congress (IGC 2024) held at Busan, South Korea

### **Events Organized/Coordinated:**

Nil

### **Additional skills/Activities**

Nil

### **Course Content Developed (e-content)**

Nil

### **Consultancy Services**

Working as Empaneled Expert in the Functional areas of Geology (Cat. A), Hydrology, Groundwater and Water Conservation (Cat. A) and Noise and Vibration studies (Cat. B) approved by NABET (New Delhi) with four different Environmental Consultancy Organizations.