

## **Ms. AAKANSHA DANTRE**

**#17, 2B, Saraswathi Apartments, Cambridge Layout, Ulsoor-Bengaluru**

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### ***OBJECTIVE***

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the engineering and research field with sheer determination, dedication and hard work.

### ***ACADEMIC QUALIFICATIONS***

<i>Year</i>	<i>Degree</i>	<i>Specialization</i>	<i>Percentage</i>	<i>Institute</i>
2017	Ph.D.	Geo-Environmental Engineering	Pursuing	VIT, Vellore
2014	M.Tech	Environmental Engineering	88	N.I.T., Bhopal
2012	B.E.	Civil Engineering	68.9	M.I.T.S., Gwalior

### **WORK EXPERIENCE**

#### **1. Assistant Professor, ACED, Alliance University, Bengaluru (10<sup>th</sup> Nov 2016 till date)**

- Area Chair/ HOD for Department of Civil Engineering.
- Coordinator of Centre for Women Empowerment at Alliance University.
- Coordinator & Mentor for B.Tech students (2013-2017 Batch)
- Guided major projects of B.Tech Final Year Batch (2013-2017 Batch).
- Promoted student success by making myself available to students outside of classroom and office hours, through email and review session before the final exam if required.
- Taught various subjects to Final Year, Pre-final year and First Year for B.Tech Civil Engineering.

#### **2. Assistant Professor, ASET, Amity University, Gurgaon, Haryana (4<sup>th</sup> Jan 2016 to 15<sup>th</sup> June 2016)**

- Coordinator & Mentor for B.Tech VII semester students (2012-16 Batch)
- Guided major projects of M.Tech 2nd semester students of Environmental Engineering (Batch 2015-17) and B.Tech Final Year Batch (2012-2016).
- Functional in setting up of Environmental Engineering Lab for Civil Engineering and Environmental Engineering.
- Coordinator for the industrial visit for B.Tech and M.Tech students to The Energy and Resource Institute (TERI) Retreat, New Delhi on 11th March 2016.
- Coordinator for the Industrial visit for B.Tech and M.Tech Students to Sewage Treatment Plant at Gurgaon, Haryana.
- Created writing assignments and quizzes that encouraged students to see connections between the theoretical and practical aspect of the subject.
- Promoted student success by making myself available to students outside of classroom and office hours, through email and review session before the final exam if required.

- Taught various subjects to VIII, VI semester for B.Tech Civil Engineering and II semester of M.Tech Construction Technology & Management and Environmental Engineering.
- Received excellent evaluations from my students and supervisors.

### **3. Assistant Professor, ITM University Gwalior (M.P.) (July 2014 to Nov 2015)**

- International Secretariat for International Conference “TIMS 2016” on Innovation and Technology in Sustainable Development.
- Taught various subjects to V, VI, VII and VIII semesters of B. Tech Civil Engineering.
- Guided minor and major projects of B.Tech Batch (2011-2015 & 2012-2016).
- Participated in teaching workshops offered by the State University Teaching Assistant Program.
- Received excellent evaluations from my students and supervisors.

## **RESEARCH PUBLICATION**

- Presented a paper on *“Characterization of Leachate from Selected Landfills and its Effects on Groundwater Resources- A Review”*, ISSN (Online) 2456-3293
- Presented a paper on *“A critical appraisal of the impact of construction activities on environment in Indian Scenario- A Review”*, ISBN: 978-93-87769-06-9.

## **ACHIEVEMENTS**

- Qualified **GATE 2012**, scored 90.34 percentile, MHRD-GATE assistantship, NIT, Bhopal during M.Tech from July 2012- June 2014.

## **WORKSHOPS/ TRAINING/ LECTURES ATTENDED**

- Certification Course on “Experimentation for Improvement” by McMaster University, Hamilton, Canada.
- Attended an QIP on Energy Conservation and HVAC systems in Buildings organized by IIT Delhi, New Delhi on June 06-13, 2016 at IIT, New Delhi.
- 15 Days Vocational training at Bestech India Pvt. Ltd, Sec-44, Gurgaon(HR)

## **ACADEMIC PROJECTS UNDERTAKEN**

- M. Tech Dissertation: **“Estimation of GHG Emissions from Livestock and Road Transportation sectors in various State of India”** under the guidance of Dr. Mukul Kulshreshtha, NIT, Bhopal.
- B.Tech Dissertation Title: **“Design of Roof Top Rain Water Harvesting for a multi-storied building”**, under the guidance of Dr. R. Kansal, MITS, Gwalior.

## **AREA OF RESEARCH INTEREST**

- Emerging Pollutants in Groundwater Contamination
- Impacts of Construction Industry Waste on Soil & Environment
- Waste water management and Reclamation and reuse.
- Waste water treatment and sustainable construction.

## PERSONAL PROFILE

- **Strengths-** Hard working, Adaptable to situation, Team player and Honesty
- **Hobbies and Interest-** Reading, listening to music
- **Gender-** Female
- **Date of Birth-** 15.11.1989
- **Languages Known-** Hindi & English
- **Office Address-** OF-31, Department of Civil Engineering, Engineering Block, Alliance University
- **Residential Address-** #17, 2B, Saraswathi Apartments, Cambridge Layout, Ulsoor-Bengaluru

Date:

Place: Bengaluru

(AAKANSHA DANTRE)