

Name: Soujanya Jonnalagadda  
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Experience (in years): 7.5    Teaching: 6.5    Research: 6 months    Others (if any, specify): 1 year (Industrial)

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B. Tech	2003	Civil Engineering
2	M.E	2005	Environmental Engineering & Mgmt
3	Ph.D	Pursuing	Environmental Engineering

### 2. Teaching and Learning:

#### 2.1. Teaching Interests:

UG: Water supply Engineering, Waste Water Engineering, Solid Waste Mgmt, Air Pollution & Control, Environmental Engineering lab, EIA, Engineering Hydrology, Building materials, Survey lab, FM&HM lab, Hazardous Waste management

PG: Ecology & Environment

Diploma: Water supply Engineering, Waste water Engineering

#### 2.2. Novel Teaching & Learning Techniques adopted: PPTs. Black board teaching, WIT & WIL

#### 2.3. Involvement in curriculum updating / Design: BOS member

### 3. Co-curricular and Extra-Curricular Activities

#### 3.1. Interests and Hobbies:

To motivate students about the current trends in Civil Engineering and to lay knowledge regarding the recent societal issues in Civil Engineering aspects.

#### 3.2. CCA/ECA Organized: -

#### 3.3. CCA/ECA participated: -

#### 3.4. Counseling and Mentoring Activity: Mentoring 20 students, of which 10 in I B. Tech and 10 in IV B. Tech

#### 3.5. Committees involved in: Lab In charge, Admission work, Matrixing, Module Coordinator

### 3.6. Committees involved in:

Department level: BOS member

Institute Level: - nil

## 4. Conference / Workshop / Seminar / Guest Lectures:

### 4.1 Conducted:1

S.No.	Webinar/Seminar	Date
1.	2-Day National workshop on “Energy, Environment & sustainable Development	2 <sup>nd</sup> & 3 <sup>rd</sup> May 2011

### 4.2 Attended:17

S.No.	Webinar/Seminar	Date
1	Two-day workshop on Polymer waste management PWM-2009	18 <sup>th</sup> -19 <sup>th</sup> Dec 2009
2	2-Day National workshop on “Recent Issues & Developments in pavement Engineering (RIDPAVE-10)”	27 <sup>th</sup> & 28 <sup>th</sup> May 2010
3	2-Day National workshop on “Energy, Environment & sustainable Development	2 <sup>nd</sup> & 3 <sup>rd</sup> May 2011
4	2-Day workshop on High Impact Teaching skills	9 <sup>th</sup> & 10 <sup>th</sup> May 2011
5	Mission10X workshop	9 <sup>th</sup> -13 <sup>th</sup> May 2011
6	2 -Week staff development programme on Recent Advances in Concrete & Construction	30 <sup>th</sup> April -12 <sup>th</sup> May 2012
7	2- Day National Workshop on Advanced surveying Techniques & Mapping using Total Station: Hands on Practice (ASMT 2013)	18 <sup>th</sup> & 19 <sup>th</sup> Jan 2013
8	Research Publications and Documentation	4 <sup>th</sup> May 2013
9	Tutelage on Traffic Engineering & Transportation Planning using VISSIM& VISUM	20 <sup>th</sup> -22 <sup>nd</sup> May 2013
10	2-day National Workshop on Recent Advances in concrete Technology	23 <sup>rd</sup> -24 <sup>th</sup> May 2013
11	2-Day National workshop on Computational skills enhancement in geotechnical Engineering	28 <sup>th</sup> -29 <sup>th</sup> Nov 2013
12	1-Day National workshop on Disaster preparedness, Management and risk reduction	9 <sup>th</sup> Dec 2013
13	Sustainable Technologies in civil Engineering: Perspectives and strategies	27 <sup>th</sup> -28 <sup>th</sup> Dec 2013
14	International conference on Emerging trends in Civil Engineering	6 <sup>th</sup> – 8 <sup>th</sup> Jan 2014
15	Reinforced earth -concepts, Applications & practices in Geotechnical Engineering	20 <sup>th</sup> -22 <sup>nd</sup> Oct 2014
16	Lead Auditor course on Environment Management System	26 <sup>th</sup> -30 <sup>th</sup> Sep 2022
17	One week faculty development programme on Recent trends in Civil Engineering	20 <sup>th</sup> -25 <sup>th</sup> Feb 2023

## 5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: -

5.2. Articles / Chapters published in Books: -

5.3. Books published as single author or as editor: -

5.4. Projects Guided:

B. Tech projects guided:

Screening and Evaluation of coagulants using cost effective technologies

Sea water Desalination using cost effective Technologies

Enhanced coagulation and Turbidity Removal from Pragathi Nagar Lake

Problem analysis and Re Design of sewage treatment plant for VNRVJIET

5.5. Research Interests: Solid waste mgmt., water & waste water treatment

5.6. Ph.D students : completed course work

a) Enrolled: 1

b) Submitted: -nil

c) Awarded: -nil

5.7. Papers published in reviewed journals: nil

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Sea water Desalination using cost Effective Technologies	International conference on Emerging trends in Civil Engineering	International	6nd & 8th Jan 2014

5.9 Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Modernization and removal of obsolescence scheme of Environmental Engineering Laboratory	AICTE	22/08/2013 - 22/08/2014	13 lakhs	<b>completed</b>

#### 5.10 Consultancy Projects:

- Water sample testing is done for VNRVJIET college once in 15days.
- Water sample testing is done for VNRVJIET hostel once in 6 months.
- Waste water sample testing is done for VNRVJIET college for three months to monitor the quality of the water used in gardening.
- Waste water sample testing is done for VNRVJIET hostel to check the quality of treated water.
- Soil testing is done and report submitted to Ch. Rajendra Varma to check the suitability of the soil for growing crops.
- Water sample testing is done for the faculty Venkata Ramana to check the suitability of water for drinking purpose.
- Water sample testing done for Pragati infra to check the suitability of water for domestic purpose
- Water sample testing done for Gopal Reddy, Sri Venkateswara water supply to check the suitability of water for domestic purpose
- Water sample testing done for Pragati infra to check the suitability of water for domestic purpose

#### 6. Awards / Honors received: -

Got second prize in District level Essay writing competition in class 8 organized by Jana Vignana Vedika.

#### 7. **Motto:** "Education is one thing no one can take away from you."