

**KNOWLEDGE ASSET 2020-21**

Name: **Keerthi Priya Kasturi**

Designation: Assistant Professor  
Department: Civil Engineering  
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Experience (in years):            Teaching: 4.5            Research: 2    Others (if any, specify):

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PG: M.Tech	2016	Water Resources Engineering
2	UG: B. Tech	2014	Civil Engineering

**2. Teaching and Learning:**

- 2.1. Teaching Interests: Engineering Hydrology, Fluid mechanics & Hydraulic machines, Irrigation Engineering, Design Thinking
- 2.2. Novel Teaching & Learning Techniques adopted: Online courses, Videos, WIT & WIL, Learning by Doing, Storyboard, VNR Lab Protocol, PPTs, Chalk & Talk
- 2.3. Involvement in curriculum updating / Design: Updating R18 syllabus for AY 2018 - 19

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

- 3.1. Interests and Hobbies: Motivating students for an all-round development, Dancing, Sketching
- 3.2. CCA/ECA Organized:
  - Organized Women's day 2019 at VNR VJIET
  - Member, Organizing committee, Sintillashunz 2019
  - Member, Organizing committee, International Conference on "Construction Materials and Smart Structures for Sustainable Development" (ICCMSSD 2020)
- 3.3. CCA/ECA participated: Sintillashunz 2018
- 3.4. Counseling and Mentoring Activity: Mentoring 10 students each from II & III B. Tech (CE) – helping students understand their weaknesses and achieve their goals and monitoring their progress in academics

### 3.5. Committees involved in:

Department level: Alumni coordinator, NAAC, WIT & WIL coordinator

Institute Level: Member- Annual Magazine Editorial Committee,  
Member - Women's team  
Member - Centre for Presenting and Design Thinking  
Member – Sintillashunz 2020 Faculty  
Faculty in-charge – Nrithya Tarang (Classical Dance Club)  
Member – Restart Manual

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

### 4.1 Conducted:

- ❖ Organized workshop on “Design Thinking for Engineering Education” from 15<sup>th</sup> June –20<sup>th</sup> June, 2020 by CPADT at VNRVJIET
- ❖ Organized workshop on “Design Sensitization” from 18<sup>th</sup> to 20<sup>th</sup> July 2019 by CPADT at VNRVJIET.
- ❖ Organized Online Faculty Development Program on Design Thinking in Engineering Education from 15<sup>th</sup> to 20<sup>th</sup> June 2020 by CPADT at VNRVJIET
- ❖ Organized Webinar on “Climate Emergency -Science, Impact and Solutions” on 05<sup>th</sup> May 2020
- ❖ Organized Panel Discussion on "Amidst Pandemic Outbreak, can we claim to be living in the Technology Era?" by CPADT, VNRVJIET on 23<sup>rd</sup> May 2020.
- ❖ Faculty Development Program on Design Thinking from 20<sup>th</sup> to 24<sup>th</sup> January 2020 by CPADT at VNRVJIET

### 4.2 Attended:

- ❖ Attended FDP on “Advanced Computing in Civil Engineering” by VNRVJIET from 15<sup>th</sup> February to 27<sup>th</sup> February 2021
- ❖ Attended FDP on “Remote sensing and GIS applications in Remote Sensing” by KL University from 08<sup>th</sup> June to 13<sup>th</sup> June 2020
- ❖ Attended training program on “Latex - A scientific documenting tool” by IEEE and VNRVJIET on 21<sup>st</sup> May 2020.
- ❖ Attended Training program “Effective and Efficient Online Teaching in the Age of Corona, A Hands-on Workshop” by IIT Bombay from 10<sup>th</sup> to 16<sup>th</sup> May 2020.

- ❖ Attended International Conference on “Construction Materials and Smart Structures for Sustainable Development” conducted by VNRVJIET 29<sup>th</sup> to 31<sup>st</sup> January 2020
- ❖ Attended 3 days Bootcamp on “Workplace Happiness” conducted by Happitude and Delivering Happiness from 12<sup>th</sup> to 14<sup>th</sup> December 2019
- ❖ Attended conference on WDO “Research and Education Forum” conducted by WDO on 10<sup>th</sup> October 2019
- ❖ Completed Nine-month Post-Graduate Diploma in “Innovation and Design Thinking” by Emeritus Institute of Management in association with MIT’s Sloan School of Management, Columbia Business School and Dartmouth’s Tuck School of Business from 29<sup>th</sup> November 2018 to 22<sup>nd</sup> August 2019.
- ❖ Attended “Er. T Hanumantha Rao endowment Lecture” at IEI, Khairatabad on 21<sup>st</sup> June 2019.
- ❖ Attended “Recreating user experience through Design Thinking - Business Conclave” by VJIM at Hotel Avasa on 09<sup>th</sup> February 2019
- ❖ Two-day National Conference on “Transportation Research Efforts for Ecological Sustainability” conducted by VNR VJIET from 28<sup>th</sup> - 29<sup>th</sup> September 2018
- ❖ One-week conference on ‘Global Water Security Conference for Agriculture and Natural Resources’ organized by ASABE & ISAE at Hyderabad from 3<sup>rd</sup> – 6<sup>th</sup> October 2018.
- ❖ Attended three-month online certification course on 'Innovation of Products and Services: MIT’s Approach to Design Thinking' organized by Emeritus Institute of Management, Singapore in collaboration with Massachusetts Institute of Technology - Sloan School of Management 7<sup>th</sup> August 2018 – 8<sup>th</sup> October 2018.
- ❖ One-week Training Programme on “Instructional Design and Delivery System” conducted by NITTTR, Chennai at VNRVJIET from 11<sup>th</sup> – 16<sup>th</sup> December, 2017.
- ❖ AICTE sponsored One-week National workshop on “Traffic and Transportation Planning for Smart Cities” organized by Department of Civil Engineering, VNRVJIET from 20<sup>th</sup> to 25<sup>th</sup> November, 2017.
- ❖ One day workshop on “Advanced Engineering Materials and Applications” conducted by Dept. of Mechanical Engineering, VNRVJIET on 31<sup>st</sup> January, 2017.

## **5. Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: Nil

5.2. Articles / Chapters published in Books: Nil

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

5.4. Projects Guided:

a) UG: 4 projects

- Evaluating the variation of water quality – groundwater and surface water in Hyderabad
- Evaluating the variation in Urban sprawl in Vijayawada using GIS and LandSAT imagery
- Exploring sustainable use of dried marigold flowers in polymer concrete
- Evaluation of Irrigation Water Management Practices Based on Participatory Water Resources Management and Government Schemes

b) PG: Nil

5.5. Research Interests: Watershed management, Hydrologic modelling, Participatory Water Management

5.6. Ph.D students: Nil

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed journals: Nil

5.8. Papers presented at National / International Conferences:

Sl.no	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Review on Applicability of Co-management Strategies for Sustainable Lake Management in India	International Conference on Construction Materials and Smart Structures for Sustainable Development (ICCMSSSD – 2020)	International	2020
2	Development of Geomorphological Instantaneous Unit Hydrograph (GIUH) for an Ungauged Watershed	International Conference on Hydrology and Watershed Management	International	2014

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects: Nil

**6. Awards / Honors received:**

- Second in B.Tech Civil Engineering, VNRVJIET (2014).
- Best B.Tech Project, Department of Civil Engineering, VNRVJIET (2014).

**7. Motto:**

When we think we know, we cease to learn. – Dr. Sarvepalli Radhakrishnan