**Name**: Mrs. Bindu Avadhani
**Designation**: Assistant Professor
**Department**: Computer Science and Engineering
**Email - ID**: bindu_a@vnrvjiet.in

Experience (in years): Teaching: 0.5    Research: 01  Others (if any, specify): Industry: 9 months

## 1.Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|------------------------|-----------------|----------------|
| 1.   | B. E                   | 2015            | CSE            |
| 2.   | M.Tech.                | 2020            | CSE            |
|      |                        |                 |                |
|      |                        |                 |                |

## 2. Teaching and Learning:

2.1. Teaching Interests: Computer Organization, Software Engineering, Data Analytics, Data Structures, Operating System and other core subjects of CSE.
2.2. Novel Teaching & Learning Techniques adopted: Blooms Taxonomy, WIT & WIL, PPT's, online mode of Teaching
2.3. Involvement in curriculum updating / Design:  Computer Organization

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

3.1. Interests and Hobbies:
- Interested in Research oriented activities
- Interested to learn the emerging technologies

3.2. CCA/ECA Organized: NIL
3.3. CCA/ECA participated: NIL
3.4. Counseling and Mentoring Activity: Counselling  and Mentoring of CSE Students
3.5. Committees involved in:
    Department level: Publications and AQAR
    Institute Level: Nil

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

4.1 Conducted- NIL
4.2. Attended
- ✶ Attended the workshop on Genetic Algorithms in 2018 conducted by Mahindra Ecole Engineering College.
- ✶ Attended the conference ICACECS-2020 conducted by VNRVJIET, Hyderabad on 13th and 14th of Aug 2020 and presented the paper.
- ✶ Attended the IIC Webinar conducted in Jan 2020 on Artificial Intelligence.
- ✶ Attended the conference held at Bharat Institute of Engineering and Technology, Hyderabad on 15th May 2021

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

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: 01

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

5.4. Projects Guided:

      a) UG: 02

      b) PG: nil

5.5. Research Interests: Machine Learning, Data Science, Deep Learning, Artificial Intelligence

5.6. Ph.D students:

a) Enrolled:  Nil

      b) Submitted: Nil

      c) Awarded: Nil

5.7. Papers published in reviewed Journals:

| S.No | Title of the Paper | Journal Name Vol.No.  PP | ISBN/ ISSN No. | Impact Factor/ Citation Index | National/ International |
|------|--------------------|--------------------------|----------------|-------------------------------|-------------------------|
| 1. | Automatic JUnit Generation and Quality Assessment using Concolic and Mutation Testing | International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume:8 Issue:10 | 2278-3075 | - | |

5.8. Papers presented at National / International Conferences:

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|------|--------------------|-----------------------------------|-------------------------|--------|
| 1. | | The Mechanism of Generating JUnit Test Cases by Achieving Maximum Code Coverage (ISBN : 978-981-15-9293-5) | Proceedings of International Conference on Advances in Computer Engineering and Communication Systems. | 13th & 14th Aug 2020 |

5.9. Sponsored research Projects: NIL

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|------|-------|--------|--------|--------------|---------------------|
| | | | | | |

5.10 Consultancy Projects:

| S.No | Title | Agency | Period | Sanctioned Amount | Ongoing / Completed |
|------|-------|--------|--------|-------------------|---------------------|

| | | | | |
|---|---|---|---|---|
| 1. | | | | |
| 2. | | | | |

**6. Awards / Honors received:** NIL

**7. Motto**:  Give everyday the chance to become the most beautiful of your life. Enjoy every moment in the life either happy or sad and get the good memories and experiences.