

## **NOMITHA CHAWLA**

**Assistant Professor**

**Department of IS & E**

**BIET, Davanagere**

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### **Industry Experience: 2 Years**

- Worked as **Assistant System Engineer** for **Tata Consultancy Services Limited (TCSL), Bangalore, India**  
**November 2015 - November 2017**  
Client: Infineon, Germany  
Role: PL-SQL Developer

### **Work Experience:**

- Working as an **Assistant Professor** in **IS & E** Department of Bapuji Institute of Engineering and Technology, Davanagere, from October 2022.

### **Educational Qualification:**

- **M.Tech [CS&E]** from UBDTCE, Davanagere, VTU University, 2019 with **First Class with Distinction.**
- **B.E [CS&E]** from BIET, Davanagere, VTU University, 2015 with **First Class with Distinction.**

### **Dissertation Details:**

- **“LoRa Based Wireless Sensor Network for Smart Agriculture”**  
**Description:** An Internet of Things based project making use of Long Range (LoRa) Radio sensors to improvise the traditional agricultural system.
- **“Mining Tweets for Unemployment Analysis”**  
**Description:** An application was implemented to mine the tweets from Twitter using pre-determined hashtags relating to unemployment using **R** language.

## **Subjects of Interest:**

- Data Structures and Applications
- Database Management System
- Unix Programming
- Web Technology and its applications
- Internet of Things

## **Paper Publication:**

- **“Wireless Sensor Network using LoRa for Smart Agriculture”**, in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issues VI, June 2019.

## **Awards Received:**

1. **DISTRICT YOUNG SCIENTIST AWARD** - Third Place - 2010
2. **DISTRICT YOUNG SCIENTIST AWARD** - Third Place - 2009

## **Seminars/Workshop attended:**

- Successfully undergone a Bluemix Enabled session in BIET College, Davanagere.
- Attended workshop organized by IBM Rational Team Concert (RTC) Academic Associate Academic Associate, Information Storage and Management in BIET College, Davanagere.
- Participated in workshop on Python held in Department of CSE, UBTD College, Davanagere.
- Attended workshop on MATLAB and its Application held in Department of CSE, UBTD college, Davanagere.