



## **Dr. K Neeraja**

B.E.(CSE), MTech(CS),PhD(CS)

**Associate Professor & Additional Controller  
of Examinations**

Computer Science & Engineering

**Areas of Interest:**

**Teaching Interests:**

**Problem Solving with Programming,  
Algorithms , Discrete Structures and Graph  
Theory, Data Structures, Artificial  
Intelligence and Machine Learning, Python,  
Java and C Programming Languages.**

**Research Interests:**

**Machine Learning , Algorithms, Artificial  
Intelligence, Graph Algorithms, Big Data  
Analytics, Problem Solving using  
Programming .**

**I have been working at JNTUH College of Engineering, Hyderabad,  
for over 21 years. My primary research interests encompass Machine  
Learning, Big Data Analytics, Artificial Intelligence and Algorithms.  
I am also recognized as a "Wipro Certified Faculty," a certification  
conferred by Wipro.**

### **- ▶ Educational & Professional**

#### **- ▶ Academic Qualifications**

- ▶ PhD in Artificial Intelligence and Robotics, JNTUH with -  
(2010-2023)

- ▶  
MTech in CS, JNTUH College of Engineering, Hyderabad with I with  
distinction (2008-2010)

- ▶  
BE in CSE, MVSR Engg College, Osmania University with First with  
distinction (1998-2001)

#### **▶ Professional Experience**

- ▶ **At JNTUH**

- ▶ Associate Professor, JNTUH College Of Engineering, Hyderabad  
(2019 - Till Date)

- ▶ Assistant Professor, JNTUH College Of Engineering, Hyderabad (2003  
- 2018)

## - ▶ **Events Participated/Organized**

### - **Organized**

- ▶ Organized a Workshop on A One-Week National-Level FDP on Machine Learning, CSE Dept., JNTUH College of Engg. Hyderabad, 11-04-2016 to 16-04-2016
- ▶ Organized a Workshop on One-week Faculty Development Programme on "Software Engineering", Dept. of CSE, JNTUH College of Engineering Hyderabad, 22-03-2016 to 27-03-2016
- ▶ Organized a Symposium on Quest'12, CSE Dept., JNTUH College of Engineering, Hyderabad, 17-03-2012 to

### - **Participated**

- ▶ Participated in a Training on *WIPRO CERTIFIED FACULTY Training Program*, Hyderabad, 03-10-2023 to 20-10-2023
- ▶ Participated in a FDP on *Algorithms*, Dept. of CSE, JNTUH College of Engineering Hyderabad, 20-09-2016 to 27-09-2016
- ▶ Participated in a Workshop on *Machine Learning with Python by IEEE CIS*, Dept. of CSE, JNTUH College of Engineering Hyderabad, 15-07-2016 to 16-07-2016
- ▶ Participated in a Conference on *1st International Conference on Computational Intelligence and Informatics (ICCII-2016)*, Dept. of CSE, JNTUH College of Engineering Hyderabad, 28-05-2016 to 30-05-2016
- ▶ Participated in a Workshop on *FDP on Machine Learning and Soft Computing*, NIT, Warangal, 28-12-2015 to 09-01-2016
- ▶ Participated in a Workshop on *Emerging Trends in Cloud Computing*, Dept. of CSE, JNTUH College of Engineering Hyderabad, 21-12-2015 to
- ▶ Participated in a Training on *Management Capacity Enhancement for Administrators*, IIML Noida Campus, 25-05-2015 to 29-05-2015
- ▶ Participated in a Conference on *First International Conference on Rough Sets and Knowledge Technologies-2014*, Dept. of CSE, JNTUH College of Engineering Hyderabad, 09-11-2014 to 11-11-2014
- ▶ Participated in a Workshop on *Winter School 2012 on Theoretical Computer Science organized by IIIT-Hyderabad*, IIIT Hyderabad, 18-12-2012 to 22-12-2012
- ▶ Participated in a Workshop on *ISTE WORKSHOP ON RESEARCH METHODS IN EDUCATIONAL TECHNOLOGY conducted by IIT Bombay*, JNTUH College of Engineering, 02-02-2012 to 09-02-2012
- ▶ Participated in a Workshop on *Introduction To Robotics conducted by IIT-Bombay*, IIT Bombay, 28-01-2010 to 29-01-2010

- ▶ **Teaching**
- ▶ Datastructures in CSE I (BTech II)
- ▶ Foundations of Artificial Intelligence in all branches I (BTech III)
- ▶ Machine learning in CSE I (BTech III)
- ▶ Programming and Problem Solving using C in CSE II (I)
- ▶ Artificial Intelligence in CSE II (III)
- ▶ Advanced Data Structures in cse I (II BTech)
- ▶ High Speed Networks in CS I (MTech)
- ▶ Network Security and Cryptography in cse I (IV BTech)
- ▶ Java and Web Technologies in CS I (MTech)
- ▶ Embedded Systems in CSE I (IV)
- ▶ Information Retrieval Systems in CSE I (I year MTec)
- ▶ Web Technologies in CSE I (IV)
- ▶ Computer Networks in CSE II (III)
- ▶ Computer Organization & Microprocessors in CSE II (II)
- ▶ Mathematical Foundations for Computer Science in CSE I (II)
- ▶ Advanced Computer Architecture in CSE I (I year MTec)
- ▶ Design & Analysis of Algorithms in CSE II (II)
  
- ▶ **Administrative Positions Held**
- ▶ Additional Controller of Examinations, Directorate of Examinations, JNTUH, 03 Aug 2023 - Present
- ▶ Additional Controller of Examinations, Directorate of Examinations, JNTUH, 12 Jun 2020 - 24 Dec 2021

**Contact :**

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Computer Science & Engineering

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