# Dr. K Neeraja

B.E.(CSE), MTech(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,Â  Data Structures,Â  Artificial Intelligence, Robotics and Machine Learning.**
**Research Interests:**
**Robotics, Artificial Intelligence, Graph Algorithms, Machine Learning , Algorithms, Big Data Analytics,Problem Solving using ProgrammingÂ  Computer Networks and Security and Wireless Sensor Networks.**

I have been working for JNTUH College of Engineering, Hyderabad, from 20years. Interested Research Areas are Artificial Intelligence, Robotics, Algorithms, Computer Networks and Security, Wireless Sensor Newtworks, Machine Learning and Big Data Analytics. I have certified as a **"Wipro Certified Faculty "** 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 distiction (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 pf 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 SoftComputing*, NIT, Warangal, 28-12-2015 to 09-01-2016
- ▸ Participated in a Workshop on *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

- 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 Retreival 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)

## Adminstrative 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 :**

**Dr. K Neeraja**
Computer Science & Engineering

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