Experience: Having 17 years of experience in teaching

- Worked as an Assistant Professor in Anurag university from May 2020 to August 2022.
- Worked as an Assistant Professor in Anurag Group of Institutions from June 2016 to April 2020.
- Worked as an Asst.Professor in Keshav Memorial Institute of Technology (KMIT) from June 2011 to March 2016.
- Worked as an Asst.Professor in CVSR College of Engineering from June 2010 to May 2011.
- Worked as a Lecturer in Aurora's Engineering College, Bhongir from November 2008 to May 2010.
- Worked as an Asst.Professor in Jayamukhi Institute of Technology & Science, Narsampet, Warangal, from June 2005 to October 2008.
- Worked as a Lecturer in Kamala Institute of Engineering & Technology Huzurabad, from 10th February 2005 to April 2005.

Subjects Taught:
- Programming for Problem Solving
- Data Structures
- Python Programming
- Object Oriented Programming through C++
- OOPS through Java
- Web Technologies
- Computer Networks
- Network Security
- Mobile Computing
- Software Development and Portable Devices
- Cloud Computing
- Unix Programming
- Compiler Design

Educational Qualifications:

- Pursuing Ph.D in CSE, from **University College of Engineering, Osmania University,** registered in April, 2017, Hyderabad. **Status:** Pre-PhD completed, Design Seminar Completed. Pre-Submission Seminar and Thesis submission by May, 2023.
- M.Tech (CSE) from UCE, Osmania University (PTPG) with 85% in 2012.
- B.Tech (CSE) from SRTIST, Nalgonda with 68.59% in 2004.
- Intermediate from Board of Intermediate with 83% in 2000.
- S.S.C from Board of Secondary Education with 85% in 1998.

Workshops Organized:

- Organized 2-Day workshop on "Teacher Training Program for Teaching PPS" for first year faculty teaching PPS on 29th & 30th March 2022.
- Initiated a coding club and organized series of coding competitions (VIITOR) for the academic years 2020-21, 2021-22.
- Organized a training program on E-Box tool for faculty and students in the year 2018-2019.

- Organized a workshop on "Career opportunities for Engineering graduates" at AGI, Ghatkesar, in the month of Jan, 2017.
- Coordinated a workshop on "Network Simulation using NS2" at AGI, Ghatkesar in the month of Feb, 2017.
- Technical Trainer on 'C' Language for ECE students.
- Acted as Academic In charge and Class In charge.
- Involved in Outcome Based Education and NBA Criteria-V.
- Organized a National Level Technical Fest "INFOQUEST-2K10" in association with CSI in CVSR College of Engineering on Dec 22-23, 2010.
- Organized a workshop on "ADOBE FLEX" by Genesis Software Solutions, with ADOBE certification at CVSR College of Engineering on April 25th & March 1st, 2011.

Workshops Attended:

- Attended a one-day program on "AWS Empower India" by Amazon on 20th Jan 2023.
- Attended a one-day Alumni Talk on "Ethical aspects of AI/ML" by CSE Dept, UCE, OU on 4th Jan 2023.
- Participated in 5 days FDP on "Research Skill Series-3: Thesis Writing", organized by HCDC, Osmania University, in November 2022.
- "Faculty Upskilling Program (FUP) on Cyber Terrorism and Défense", organised by Chandigarh University, Punjab during 4th – 8th April, 2022.
- Participated in a 2-day FDP on "AI and Computer Vision Applications with NVIDIA Jetson Nano", by Anurag University, Jan 2022.
- Attended a webinar on "Intellectual Property Rights", by Anurag University, in March 2022.
- Participated in a one-week FDP on "AI Congress", organized by CVR college of Engineering in June 2021.
- Participated in the online webinar "IEEE Publications: Technical Writing and Enhancing Your Research", by EBSCO, IEEE in July 2021.
- Five days FDP on "Artificial Intelligence" by CBIT in May 2020.
- Three days FDP on "Computer Vision Using CNN" by Anurag University and BlackBucks in June 2020.
- Attended a webinar on "Introduction to Computer Vision" by Anurag University in May 2020.
- AICTE Sponsored- One Week STTP on "Advanced Deep Learning Techniques with Python" by Anurag university in July 2020.
- Two days FDP on "Bio Medical Imaging", organized by KMIT, in June 2020.
- participated in a webinar on "Developing a Machine Learning Models from Start to Finish", by Anurag University, in June 2020.
- "Accelerating Engineering Skills to Challenge the COVID Crises Times" by VJIT in May 2020.
- "New Trends in Image and Video Processing approaches for Forensic/Surveillance applications", AGI, Hyd in the academic year 2018-19.
- STTP on Machine Learning through ICT, NITTR, at AGI in academic year 2018-19.
- One week Faculty Development Program on "Outcome based Education" by NITTR, Chandigarh, in the academic year 2018-19.
- A 2-Day Training on Artificial Intelligence and Deep Learning by LeadIndia at Anurag Group of Institutions, Hyderabad in the academic year 2018-19.
- Infosys FEP 5.O at Anurag Group of Institutions, Hyd in the academic year 2018-19.
- One-Week FEP on "Best Practices on Python & RDBMS".

- FDP by GIAN Course on "BIG DATA ANALYTICS" at OU, Hyd in the academic year 2017-18.
- Online Mode STTP on "Introduction to Artificial Intelligence", in the academic year 2017-18.
- E-Box Training on "C Programming Language" at Anurag Group of Institutions, Hyd in the academic year 2017-18.
- Python & R Programming at Anurag Group of Institutions, Hyd in the academic year 2017-18.
- NBA Accreditation by NITTR, ICT Training in Anurag Group of Institutions, Hyd.
- LAAP Program by LDRA in the academic year 2017-18.
- Microsoft Azure Seminar by Microsoft, Hyd in the academic year 2017-18.
- LaTex Training, Anurag Group of Institutions, Hyd in the academic year 2017-18.
- Research Methodology workshop, OU, Hyd in the academic year 2017-18.
- Advanced Memory Architecture workshop, IIT Hyderabad, in the academic year 2017-18.
- IBM BlueMix workshop, conducted by Anurag Group of Institutions, Hyd.
- IoT Training, conducted by Anurag Group of Institutions, Hyd.
- NS2 workshop, organized by Anurag Group of Institutions, Hyd.
- Attended a 5-day training program "Think Parallel" by CDAC, Bangalore on Parallel Programming.
- Attended FDP on "Python & R Programming", conducted at AGI, Ghatkesar, in association with NIT Warangal.
- Attended FDP on "Effective Teaching & Innovative Learning Techniques" by Prof M.L. Sai Kumar, Conducted at Anurag Group of Institutions, Ghatkesar.

Papers Published:

- P. Rajeshwari and K. Shyamala, "Pixel attention based deep neural network for chest ct image super resolution," in Advanced Network Technologies and Intelligent Computing: Second International Conference, ANTIC 2022, Varanasi, India, December 22–24, 2022, Proceedings, Part II. Springer, 2023, pp. 393–407.
- Published a paper titled "Chest CT Image Super Resolution using Deep Learning Models", P.Rajeshwari, K Shyamala, in IEEE Xplore, Scopus indexed, organized by SMARTGENCON-2021, IEEE-Pune section.
- "Brain Tumor classification using CNN of brain MRI Images", Science, Technology and Development Journal, ISSN NO: 0950-0707, 2021.
- "Plant Disease Classification using CNN", Journal of Composition Theory, ISSN NO: 0731-6755, 2021.
- "College Recommendation Chatbot using Deep Neural Networks", Science, Technology and Development Journal, ISSN NO:0950-0707, 2021.
- P.Rajeshwari, Nalini Pandey and Gousiya Begum, "Portable Augmented Reality Survey " in National Conference on Research Advancements in Computational Informatics held on 27-28 March 2018 at AGI, Ghatkesar, Telangana.
- P. Rajeshwari, P. Abhishek, P. Srikanth, T. Vinod, "Object Detection: An Overview", International Journal of Trend in Scientific Research and Development (IJTSRD) Volume: 3 | Issue: 3 | Mar-Apr 2019 Available Online: www.ijtsrd.com e-ISSN: 2456 – 6470.
- P. Rajeshwari, R. Nandhini, J. Sowmya and J. Ramya Reddy," Animal classification in an image using convolution neural networks", International Journal of Management,

Technology and Engineering, Volume IX, Issue IV, APRIL/2019, ISSN NO: 2249-7455

- Published a paper on "Dynamic Resource Prediction and Provisioning Strategy in Multi-Clouds", P.Rajeshwari, B. Namratha, in IJRECE.
- Published a paper on "Efficient Role Based Encryption in Hybrid clouds" in International Journal of Scientific Research and Education.
- Published a paper on "A Survey on Security issues in Vehicular Cloud Computing" in International Journal of Scientific Research and Education.

Technical Skills:

Languages:

- C, C++, Java, Python, OpenMP, OpenACC, CUDA, MPI, PyTorch

Databases:

- MS-Access, Oracle, SQL Server.

Achievements:

- Qualified in APSET-2013
- Faculty Coordinator for APJ Abdul Kalam Hacker's Academy (Coding Club) at Anurag University.
- Ranked 1st in E-Box Certification on C programming.
- CISCO Certification on "Programming Essentials in C" with score 97%

Certifications:

- NPTEL ELITE Certification on "Programming, Data Structures and Algorithms Using C"
- NPTEL Certification on "Compiler Design".
- Certification on "Deep Learning Fundamentals" from Cognitive Class.
- Certification on "Deep Learning using TensorFlow" from Cognitive Class.
- APSET-2013 Certified.
- CISCO Certification in Programming Essentials in C.
- E-Box Certification in C programming and Ranked 1.
- Ranksheet Certification in C++.

Other Details:

- Guided 25+ UG Projects for B.Tech Students
- Guided 5 PG projects for M.Tech students.
- Ratified 3 times from JNTUH, Kukatpally, Hyderabad.
- Ratified from Kakatiya University, Warangal.