

Dr. Rajendra Gurram Ph.D., M. Tech, MCA

Associate Professor, Department of Information Technology,

Lakireddy Bali Reddy College of Engineering, Mylavaram.

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Academic Education

- Ph.D. in Computer Science, Rayalaseema University, Kurnool, July 2025.
- M.Tech. in Computer Science and Engineering, Acharya Nagarjuna University, Guntur, India – First Class with Distinction, June 2010.
- M.C.A. in Computer Applications, Anna University, Chennai, India – First Class with Distinction, June 2005.
- B.Sc. in Mathematics, Physics, and Computer Science, Parvathaneni Brahmayya Siddhartha College of Arts & Science (Autonomous), Vijayawada (affiliated to Nagarjuna University, Guntur, India) – First Class with Distinction, June 2002.

Professional Qualifications

- Over 18 years of comprehensive experience in Education and Training.
- Strong expertise in subject content with proven ability to effectively deliver knowledge across diverse student groups.
- Demonstrated strengths in communication, comprehension, interpersonal relations, and organizational skills.

Professional Experience

- **Associate Professor**, Department of Information Technology, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dist.), Andhra Pradesh August 2025 – Present.
- **Senior Assistant Professor**, Department of Information Technology, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dist.), Andhra Pradesh, *June 2023* – July 2025.
- **Assistant Professor**, Department of Information Technology, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dist.), Andhra Pradesh. June 2020 – May 2023.
- **Assistant Professor**, Department of MCA, Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dist.), Andhra Pradesh. June 2008 – May 2020.

Courses Taught

- Programming & Software Development: C, C++, Python, Java (OOPs through C++/Java), PHP, R Programming.
- Core Computer Science: Data Structures, Operating Systems, Distributed Operating Systems, UNIX/Linux, Computer Organization, Digital Logic & Computer System Organization.
- Software Engineering & Design: Software Engineering, Design Patterns.
- Data & Information Systems: Database Management Systems, Data Warehousing & Mining, Data Mining, Information Technology for Management.
- Emerging & Applied Areas: E-Commerce

Awards and Recognitions

- Best Teacher Award for the A.Y:2014-15.
- Received **CERTIFICATE OF APPRECIATION from NPTEL TO GURRAM RAJENDRA** from Computer Science and Engineering for being recognized as **NPTEL DISCIPLINE STAR JAN-APR 2023**.

Certifications

- Successfully completing the course **Accreditation and Outcome Based Learning** with a consolidated score of **57%** during **Aug-Oct 2024**.
- **Elite + Silver** for Successfully completing the course **Foundation of Cloud IoT Edge ML** with a consolidated score of **84%** during **Feb-Apr 2023**.
- **Elite** for Successfully completing the course **NBA Accreditation and Teaching and Learning in Engineering (NATE)** with a consolidated score of **73%** during **Jan-Apr 2022**.
- Successfully completing the course **Big Data Computing** with a consolidated score of **58%** during **Aug-Oct 2021**.
- **Elite + Silver** for passing the course **Data Mining** with score of **88%** during **Feb-Apr 2020**.
- **Elite** for Successfully completing the course **Introduction to Internet of Things** with a consolidated score of **67%** during **Sep-Dec 2020**.
- **Elite + Gold** for Successfully completing the course **Programming in Java** with consolidated score of **92%** during **Jan-Apr 2019**.
- Successfully completing the course **Blockchain Architecture Design and Use Cases** with a consolidated score of **40%** during **July-Oct 2018**.
- Successfully completing the course **Introduction to Operating Systems** with a consolidated score of **53%** during **Jul-Sep 2017**.
- **Elite** for Successfully completing the course **Computer Architecture** with a consolidated score of **73%** during **Jan-Apr 2017**.

Patents

- **TITLE OF INVENTION:** Artificial Intelligence (AI) Based Pedagogical System for Progressive Skill Development.

Paper Publications

- **G. Rajendra**, Gudimetla Laxmi Satwika, Jafrin Jahan, Posani Sai Vamsi Krishna & Nukala Rohith, **Bone Age Prediction Using Edge Detection and ResNet50**, Proceedings of Fifth Doctoral Symposium on Computational Intelligence, Volume:04, Page Number:41-55, Online ISBN978-981-97-6726-7, DOI: https://doi.org/10.1007/978-981-97-6726-7_24.
- **Rajendra Gurram**, Dr. M. Babu Reddy, Dr. K. Phaneendra, Dr. P.Ashok Reddy has published a paper on “**A Novel Ant Colony Based Genetic Approach Neural Learning for Defect Prediction in Software Products**”, 2024 International Conference on Emerging Systems and Intelligent Computing (ESIC) DOI:[10.1109/ESIC60604.2024.10481623](https://doi.org/10.1109/ESIC60604.2024.10481623) February-2024.
- Predicting Autism Spectrum Disorder Using Various Machine Learning Techniques, **Gurram Rajendra**, Sunkara Sai Kumar, Maddi Kreshnaa, & Mallireddy Surya Tejaswini,

International Conference on Innovative Computing and communications, Volume:731, PP:297-308, DOI: https://doi.org/10.1007/978-981-99-4071-4_22, October 2023.

- **Rajendra Gurram**, Kodali Sumanth, Chandragiri Anjali, Gudavalli Pardhasai, Madhumanchi Supraja has published a paper on **“Gender Prediction using Deep Learning Algorithms and Model on Images of an Individual”**, Journal of Physics: Conference Series, doi:10.1088/1742-6596/1998/1/012014, CONSILIO- Oct-2021.
- **Rajendra Gurram**, Dhaunjaya Babu, Sai Tejaswi Adusumalli, Sai Ganesh and Narendra Karlaputi has published a paper on **“Web Vulnerability Detection: The Case of Cross-Site Request Forgery using Classification and Regression Trees.”**, Springer – Distributed Computing and Optimization Techniques, ISSN: 2194-5357, ICDCOT – June 2021.
- **G. Rajendra**, Y.B.C.S Sai Kumar, D. Durga Bhavani, G. Lakshmi Durga, Karra Prasanna has published a paper on **“Facial Emotion Recognition Study by Using Deep Learning”**, ISSN:0193-4120, Test Engineering and Management, Page No: - 13338-13347, Volume 83, March/April 2020.
- **G. Rajendra**, B. Ravali Ch. Sateesh Reddy, P. Nagarjuna, A. Srinadh has published a paper on **“Control of Productivity and Software Reliability by Using Data Mining Analysis”**, ISSN:0193-4120, Page No: - 13325-13330, Test Engineering and Management Vol. 83, March/April 2020.
- **G. Rajendra**, Dr. M. Babu Reddy has published a paper on **“Basic Prototype Analysis on Quality Prediction Methods to Software Systems”** ISSN:2456-3307, Page No:124-131, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 1, July-August 2016.
- **G.Rajendra**, Dr.M.Babu Reddy has published a paper on **“Application of Adaptive Neural Fuzzy Inference System for the Prediction of Software Defects”** ISSN:2456-3307, Page No:124-131, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2, Issue 3, May-June 2017.
- **G. Rajendra**, Dr.M.Babu Reddy has published a paper on **“Prediction of Software Quality by Object Oriented Metric in Neural Networks”** ISSN:2395-1990, Page No: : 1732-1738, International Journal of Scientific Research in Science, Engineering and Technology, Volume 4, Issue 1, January-February-2018.
- **G. Rajendra**, B.NVSK Gayatri has published a paper on **“Efficient Access Control for Security of Cloud Storage Systems Using RNS Cryptography”**, ISSN: 2456- 3307, Page No:403-407, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 3, Issue 4, March-April-2018.
- **G.Rajendra**, P.Srikanth Reddy has published a paper on **“Work Flow Based Multi-Site Aware Big Data Analytics in Cloud Environment”**, ISSN: 2320-1363 , Page No:1-6, International Journal of Merging Technology and Advanced Research in Computing, Volume V, Issue 22, April-June-2018.
- **R. Vijaya**, **K. Phaneendra**, **G. Rajendra** has published a paper on **"Identification of Hidden Relationships among the Data Items by Using Data Mining Techniques"** in International

Journal of Advanced Research in Computer Science, Mar-Apr 2012, Vol. 3 Issue 2, p355-362, ISSN: 0976-5697.

- I. Rajendra Kumar, K. Phaneendra, Dr. M. Babu Reddy, **G. Rajendra** has published a paper on "**Active Scrutiny Techniques for the Reconstruction of Architectural Views**" in International Journal of Advanced Research in Computer Science, Volume 3, No. 1, Jan-Feb 2012, ISSN No. 0976-5697.
- K. Phaneendra, Dr. M. Babu Reddy, **G. Rajendra** has published a paper on "**Metric Dependent Performance Optimization of Virtual Machine Using Hyper Threading Concept**" is published in an International Journal of Advanced Research in Computer Science, Volume 2, No. 6, Nov-Dec 2011, ISSN No. 0976-5697.

Memberships

- **Life Member Computer Society of India (CSI).**
- Association for Computing Machinery (ACM)

Department and Administrative Works:

- Currently serving as the **Central NAAC Criterion II Coordinator.**
- Currently serving as the Department Coordinator for **MCC, PAC and NAAC.**
- Currently serving as the Department **Criterion VI Coordinator.**
- Serving as a Department Committee Member for the **Board of Studies (BoS).**
- Currently serving as the **Placement Coordinator.**
- Served as the **Department Discipline Coordinator.**
- Served as the **Department Exam Cell Coordinator.**
- Served as the **Class Teacher.**
- Served as **Department R&D Coordinator.**
- Served as **Department ISO In-charge.**
- Served as **Organizing Committee Member** for **ICCINS 2023.**
- Served as **Resource Person and Coordinator** for the workshop **Basics of R Programming** organized by IT department, LBRCE.

Workshops / Training Programs/Conferences Attended:

- Presented a Research Paper on "**A NOVEL ANT COLONY BASED GENETIC APPROACH NEURAL LEARNING FOR DEFECT PREDICTION IN SOFTWARE PRODUCTS**" in 4th International Conference on Emerging Systems and intelligent Computing on 9th-10th Feb-2024.
- Presented a Research Paper on "**Bone Age Prediction Using Edge Detection and Resnet50**" in 5th Doctoral Symposium of Computational Intelligence DoSCI-2024 on 10th-11th May 2024.
- Successfully Completed the Course **Introduction to Cloud Computing** Organized by **edX by IBM.**
- Successfully Completed the Course **Software Engineering Basic for Everyone** Organized by edX by IBM.

- Successfully Completed the Course **Beginners Guide to Cybersecurity** Organized by edX by IBM.
- Faculty Development Program on **AI and Deep Learning**, Certificate of Participation from APSSDC.
- Faculty Development Program on **AWS Cloud Computing**, Certificate of Completion from APSSDC.
- Participated in **AICTE Training and Learning (ATAL) Academy** Online FDP on "**Artificial Intelligence** " from 04-05-2020 to 08-05-2020 at **International Institute of Information Technology - Naya Raipur**.
- Participated in AICTE Training and Learning (ATAL) Academy Online FDP on "**Data Sciences**" from 11-05-2020 to 15-05-2020 at **Indian Institute of Information Technology (IIIT Nagpur)**.
- Participated in the Online AICTE Recognized Faculty Development Programme on **Big Data Analytics** from 18-05-20 to 22-05-20 (One Week) Organized by **Computer Science and Engineering Department NITTTR, Chandigarh**.
- Participated in the Online AICTE Recognized Faculty Development Programme on **Outcome Based Curriculum Design** from 01-06-2020 to 05-06-2020 (One Week) Organized by Curriculum Development Centre Department **NITTTR, Chandigarh**.
- Participated six days online FDP on "**Latest Trends and Challenges in IT Industry**" from 15-06-2020 to 20-06-2020, from Department of Computer Science and Engineering, organized by R.M.D Engineering College, Chennai.
- Participation Id AVIFDP1565 has successfully completed the International Faculty Development Programme on "**Research Challenges and Innovations in Renewable Energy Systems**" organized by the Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT from 11-05-2020 to 16-05-2020.
- "A 5-Day Online Faculty Development Program on **Machine Learning**", offered remotely by Department of **Computer Science and Engineering, LBRCE** from 01 June, 2020 to 05 June, 2020.
- Participated and Successfully completed A One-week National Level Online FDP on "**Internet of Things and Artificial Intelligence Applications**" from 01-June to 6-June 2020, Organized by Department of Computer Engineering, **KL Deemed to be University, Vaddeswaram, Guntur**.
- Three Days Faculty Development Programme on "**Performance Measurement and Testing in Big Data Architecture and Cloud Infrastructure**" held from June 18, 2020 to June 20, 2020 through online pedagogy by **Department of Computer Science and Engineering, SATHYABAMA Institute of Science and Technology**.
- "Research Oriented Faculty Development Programme on **Advanced Computing Techniques**" Organized by Department of CSE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram through Online Mode from 22/06/2020 to 25/06/2020.
- Participated in a 5-Day National Level Online Faculty Development Program on **Artificial Intelligence** from 22nd to 26th May 2020 organised by the Department of Computer Science and Engineering in collaboration with **National Youth Council of India and Brainovision Solutions India Pvt.Ltd.**
- Participated in a one-week Faculty Development Programme on "Artificial Intelligence and Machine Learning" jointly organised by Electronics and ICT Academies held from 17th – 21st December 2018, through National Knowledge Network under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by the Ministry of Electronics and Information Technology (MeitY), Government of India. This programme is endorsed by AICTE/UGC/NBA.

- Attended 6-days FDP on Machine Learning & Applications organized by Sagar Institute of Research & Technology, Bhopal.
- Attended 5-days FDP on Artificial Intelligence Organized by Vignana Bharathi Engineering College, Telangana.
- Participated in the 4-Day Online Workshop on “COVID-19: Resurgence of Entrepreneurship and Startups at Indian Glance” from 25-05-2020 to 28-05-2020. LBRCE.
- Attended one-week National Level workshop on “Big Data Analytics Using Hadoop Eco Systems” Organized by Dept of CSE from 05-01-2015 to 11-01-2015.
- Attended 2-day workshop on “Cyber Security and Malware Analysis” during 30-10-2015 to 31-10-2015 organized by Indian Servers in collaboration with Dept of IT and CSI at LBRCE.
- Attended AICTE sponsored seminar on “SERVICES ORIENTED ARCHITECTURE AND WEB SERVICES” conducted by Dept of CSE(LBRCE) from 16-August to 17-August 2013.
- Attended six days workshop in “Advanced Computer Architecture” organized by AP State Council for Higher Education in Association with JNTUK University conducted at LBRCE from 02-07-2012 to 07-07-2012.
- Faculty Development Program on **Data Science**, Certificate of Participation from APSSDC.
- **Introduction to Technology-Enabled Learning** from Commonwealth of Learning and Athabasca University, Canada.
- **Blended Learning Practice** from Commonwealth of Learning and Athabasca University, Canada.
- Completed the course **Programming for Everybody (Getting Started with Python)** from Coursera.
- Completed the course “**Introduction to Data Science in Python** from Coursera.
- **Python Data Structures** from Coursera.
- Certificate of Participation in Two-day International Online Conference on “**English Literature and Language Education-Embracing Change in Covid Times**” organised by Christ College (Autonomous) Irinjalakuda, Kerala.
- **IBM Certified Database Associate DB2 9** Fundamentals by **IBM**.
- **Dale Carnegie Certification** in Mission 10 X by **Wipro**.

- **PERSONAL DETAILS**

Date of Birth : 07-06-1981.

Language Proficiency: English, Hindi, Telugu.

Nationality : Indian

Marital Status : Married

Father Name : Seshagiri Rao Gurram.



Permanent Address : S/o Seshagiri Rao, Vinnagapada (p.o)
Gampalagudem (Mandal), Anumollanka Village,
NTR District, A.P., India. Pin: 521403.

Present Address : Flat. No: IH, Sri Gayathri Residency,
Wagon Workshop Road,
Guntupalli, Vijayawada, A.P, India, Pin:521241.