

## CURRICULUM VITAE

### **Dr. Rajasekhar Boddu**

Assistant Professor

Mobile No.: +91-9502773794

Email-id: [rajsekhar.se15@gmail.com](mailto:rajsekhar.se15@gmail.com)



### **CAREER OBJECTIVE:**

To be a part of an organization where I can utilize my skills and improve myself through continuous learning that can offer me a challenging opportunity to excel.

### **WORK EXPERIENCE:**

- Working as a Senior Assistant Professor in School of Computer Science and Engineering at VIT-AP University Amaravati from July 2025 to till date.
- Worked as an Assistant Professor in Artificial Intelligence and Machine Learning Department in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India from September 2023 to June 2025.
- Worked as a Lecturer in Software Engineering Department in College of Computing and Informatics in Haramaya University, Ethiopia from November 2013 to July 2023.
- Worked as an Assistant Professor in KKR & KSR Institute of Technology & Sciences, Guntur, A.P, India from December 2012 to October 2013.
- Worked as an Assistant Professor in Jawaharlal Nehru Institute of Technology, Ibrahimpatnam, R.R Dist, A.P, India from March 2010 to November 2012.

### **EDUCATIONAL PROFILE:**

- Doctor of Philosophy (**Ph.D**) in **Computer Science & Engineering** from Acharya Nagarjuna University, India in 2024.
- Master of Technology (**M.TECH**) in **Software Engineering** from School of Information Technology, JNTU Campus, Hyderabad, India in 2009.
- Bachelor of Technology (**B.TECH**) in **Computer Science & Engineering** from Nalanda Institute of Engineering & Technology, Guntur Affiliated to JNT University, Hyderabad, India in 2007.

### **PATENT:**

- Published in **UK** Patent with grant, *Title*: “Wrist Band for School Children Security”, Application Number: 6294154
- Published in **UK** Patent with grant, *Title*: “AI Based Plant Extract Analysing Device to Identify Disease”, Application Number: 6292616.
- Published in **Germany** Patent, *Title*: “Mobile Medical System and method based on block chain and 5G communication”. Patent Number: 202022103985
- Published in **Australian** Patent with grant, *Title*: “A Novel Method of Big Data Retrieval System using Machine Learning”. Patent Number: 2021100011
- Published in **Indian** Patent, *Title*: “The Middleware in Internet of Things (IoT) for bridging heterogeneity between devices connected in network”. Publication Number: 202041053460

- Published in **Indian Patent**, *Title*: “Hybridization with Deep Learning Techniques and Data Mining for Advanced Use of Industrial Sensor Networks”. Publication Number: 202011035974.

#### PAPERS PUBLISHED:

- **Rajasekhar Boddu, Muhammad Shafiq, Kapil Aggarwal, Jagannathan Jayachandran, Gayathri Srinivasan, Adugna Alemayehu**, **Title: A novel skin lesion prediction and classification technique: ViT-GradCAM** in **Skin Research and Technology (SCI, SCIE)** in September 2024.
- **Rajasekhar Boddu, Sreenivasa Reddy Edara** **Title: “Retrieval of Telugu Word from Hand Written Text using Densenet-CNN”** in **Scalable Computing: Practice and Experience (Scopus)** in August 2024.
- **Rajasekhar Boddu, Veena Mayya, Venkat Tummala, Chaduvula Upendra Reddy, Pranjali Mishra, Diana Olivia, Sowmya Kamath S** **Title: “Applications of Machine Learning in Diabetic Foot Ulcer Diagnosis using Multimodal Images: A Review”** in **International Journal of Applied Mathematics (Scopus)** in September 2023.
- **Rajasekhar Boddu, Zhongguo You, Quancheng Wu, Haizhou Zhou, Jianqiang Ming** **Title: “Fault Detection of Electrical Automation Remote Equipment Based on Data Network”** in **Electrica (Scopus)** in July 2023.
- **Rajasekhar Boddu, Edara Sreenivasa Reddy** **Title: “Novel Heuristic Recurrent Neural Network Framework to Handle Automatic Telugu Text Categorization from Handwritten Text Image”** in **International Journal on Recent and Innovation Trends in Computing and Communication (Scopus)** in May 2023.
- **Rajasekhar Boddu, B.V.V. Siva Prasad, Sridhar Mandapati, Lakshmana Kumar Ramasamy, Pranayanath Reddy, Suresh Kumar B** **Title: “Ensembled based Cryptographic for Soldiers Health Monitoring using Mobile Adhoc Networks”** in **Automatika (SCIE, Scopus)** in May 2023.
- **Rajasekhar Boddu, Edara Sreenivasa Reddy** **Title: “Fusion of RNCNN-BRHA for Recognition of Telugu Word from Handwritten Text”** in **Revue d'Intelligence Artificielle(Scopus)** in February 2023.
- **Rajasekhar Boddu, K.Ashok, Salman Ali Syed, Vijay R.Sonawane, Ravindra G.Dabhade and Pundru Chandra Shaker Reddy** **Title: “GAN base feedback analysis system for industrial IOT Networks”** in **Automatika-Taylor and Francis (SCIE, Scopus)** in November 2022.
- **Rajasekhar Boddu, Sebastin Suresh, V. Prabhu, V. Parthasarathy, Yadala Sucharitha, Gemmachis Teshite** **Title: “A Novel Routing Protocol for Low-Energy Wireless Sensor Networks”** in **Journal of Sensors (SCIE, Scopus)** in August 2022.
- **Rajasekhar Boddu, L. Sujihelen, S.Murugaven, Arnika, Anandakumar Haldorai** **Title: “Node Replication Attack Detection in Distributed Wireless Sensor Networks”** in **Wireless Communications and Mobile Computing (SCIE, Scopus)** in May 2022.
- **Rajasekhar Boddu, Shahanaz Ayub, Harshali Verma, Sri Revathi B, Bal krishna Saraswat, Anandakumar Haldorai** **Title: “Health Index Estimation of Wind Power Plant Using Neurofuzzy Modeling”** in **Computational and Mathematical Methods in Medicine (SCIE, Scopus)** in May 2022.
- **Rajasekhar Boddu, Surindar Gopalrao Wawale, Malik Jawarneh, P. Naveen Kumar, Thomas Felix, Jyoti Bhola, Roop Raj, Sathyapriya Eswaran** **Title: “Minimizing the Error Gap in Smart Farming by Forecasting Production and Demand using ARIMA Model”** in **Journal of Food Quality (SCIE, Scopus)** in May 2022.

- **Rajasekhar Boddu**, Muhammad Faisal, Sushovan Chaudhury, K. Sakthidasan Sankaran, Raghavendra S, R. Jothi Chitra, Malathi Eswaran **Title: “Faster R-CNN Algorithm for Detection of Plastic Garbage in the Ocean: A Case for Turtle Preservation”** in Mathematical Problems in Engineering (SCIE, Scopus) in May 2022.
- **Rajasekhar Boddu**, Sonali Vyas, Shaurya Gupta, Deepshikha Bhargava, **Title: “Fuzzy Logic System Implementation on the Performance Parameters of Health Data Management Frameworks”** in Journal of Healthcare Engineering (SCIE, Scopus) in April 2022.
- **Rajasekhar Boddu**, Gang Chen, **Title: “Study on Double-layer Stereo Ecological Cultivation Technology of Greenhouse gardening Fruit Trees”** in Journal of Food Quality (SCIE, Scopus) in March 2022.
- **Rajasekhar Boddu**, Zixi Guan, Raja Varma Pamba, Bhuvaneswari Balachander, Deepak Kumar Khare, Nabamita Deb, **Title: “Retrospection of Nonlinear Adaptive Algorithm-Based Intelligent Plane Image Interaction System”** in Computational Intelligence and Neuroscience (SCIE, Scopus) in March 2022.
- **Rajasekhar Boddu**, Dibyahash Bordoloi, Vijay Singh, Sumaya Sanober, Seyed Mohamed Buhari, Javed Ahmed Ujjan, **Title: “Deep Learning in the Healthcare System for Quality of Service”** in Journal of Healthcare Engineering (SCIE, Scopus) in March 2022.
- **B. Rajasekhar**, Dr. Gavendra Singh, Afendi Abdi, Adugna Alemayehu, **Title: “Image Processing Approaches for the Improved Situation Awareness in Avionic Systems”** in Materials Today: Proceedings (Elsevier Journal) in 2021.
- **B. Rajasekhar**, P.Tamilarasu, Ravi Shankar D, Nalajala Lakshman Pratap, **Title: “A Subset Methodology to Image Classification based on Multi Feature Extraction”** in Materials Today: Proceedings (Elsevier Journal) in 2020.
- **B.Rajasekhar**, Dr.Gavendra Singh, Afendi Abdi, **Title: “An Integrated Heterogeneous Smart Agriculture System”** in International Journal of Recent Technology and Engineering(IJRTE-Scopus Indexed Journal), Volume 8 Issue 4, November 2019.
- **B.Rajasekhar**, Dr.E.Sreenivasa Reddy, **Title: “A Survey: Smart Agriculture Based on COT and Thermal Imaging”** in International Journal of Research (IJR), Volume 7, Issue IV, Page No.62-66, April 2018
- **B.Rajasekhar**, **Title: “Scalable and Adaptive Memory Scheduling Algorithm for Virtual Machine Consolidation”** in International Journal of Research in Computer Science & Engineering (IJRCSE), Volume 7, Issue 1,Page No. 4833-4837, January-February 2017
- D.Priyanka, **Rajasekhar Boddu**, B.Sunil Kumar, C.Srinivasulu, **Title: “A Review on Mobile Cloud Computing”** in International Journal of Science, Engineering and Technology Research (IJSETR),Volume 3, Issue 10, Page No. 2600-2606, October 2014.
- D.Kiran Kumar, T.P.Sarachandrica, **B.Rajasekhar**, P.Jayasankar, **Title: “Review on Virtualization for Cloud Computing”** in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 3, Issue 8,Page no.7748-7752, August 2014.
- **B.Raja Sekhar**,B.Sunil Kumar, L.Swathi Reddy, V.Poorna Chandar, **Title: “CP-ABE Based Encryption for Secured Cloud Storage Access”** in International Journal of Scientific & Engineering Research (IJSER), Volume 3, Issue 9, Page No. 628-632, September2012.
- B.V.V.S.Prasad, **B.Raja Sekhar**, L.Maruthi, V.Uday kumar, **Title: “A Novel Distance Similarity Measure on Learning Techniques & Comparison with Image Processing”** in International Journal of Engineering Research and Development (IJERD),Volume 2,Issue 8,Page No. 29-32, August 2012.
- B.Sunil Kumar, **B.Raja Sekhar**, L.Swathi Reddy, **Title: “A Class of Association-Rule for Pre-Assigned Weights”** in Asian Journal of Computer Science And Information Technology (AJCSIT), Volume 2,No 7,PP 213-216, 2012.

- B.Sunil Kumar, **B.Rajasekhar**, S.Chandana, **Title: “A Framework on Nutshell using Unsupervised Concise Range Queries”** in *International Journal of Engineering Research and Applications (IJERA)*, Volume 2, Issue 2, PP 1269 – 1273, Mar - Apr 2012.
- **B.Rajasekhar**, B.Sunil Kumar, Rajesh Vibhudi, B.V.Rama Krishna, **Title: “Quality of Cluster Index Based on Study of Decision Tree”** in *IJORCS*, Volume 2, Issue 1, Page No. 39-43, December 2011.
- Bhaskar .P, Amaranth .P, Vanaja .N, **Rajasekhar .B**, **Title: “Research on Medical Image Compression”** in *International Journal of Computer Science and Network Security (IJCSNS)*, Volume 11, No. 1, PP 102-105, January 2011.

## CONFERENCES:

- **Boddu Rajasekhar**, V Asha, S. Sreekanth, Ginni Nijhawan, Tamam Ali Abd Ulabbas Abedi, Ashish Parmar, **Title: “ML Models and Big Data Analytics to Predict the Cricket Match”** in IEEE Xplore, June 2025.
- **Boddu Rajasekhar**, Hassan M. Al-Jawahry, E S Challaraj Emmanuel, R Padmavathy, N Sasirekha, **Title: “Gastrointestinal Disease Classification using Mayfly Optimization Algorithm based Deep Belief Network”** in IEEE Xplore, December 2024.
- **Boddu Rajasekhar**, Tamara Narezhnaya, Satish Singarapu, Takveer Singh, Vivek John, Preeti Khurana, Megha Jagga, Yogesh Kumar, Ramy Riad Hussein, **Title: “Climate Mitigation in Urban Planning using Scenario Analysis”** in E3S Web of Conferences 581, 01035
- **Rajasekhar Boddu**, Ginni Nijhawan, KS Prashanth, Abhishek Saxena, Pramod Kumar, Fouad A Al-Saady, K Veeranjanyulu, **Title: “Experimental Investigation into the Impact of Substituting Natural Sand with Manufactured Sand in Landfill Construction”** in E3S Web of Conferences 552, 01130.
- Presented a paper, **Title: “Mitigation of Attacks using Cyber security Deep Models in Cloud Servers”** in International Conference on Disruptive Technologies(**ICDT-2023**) held on May 11th–12th in GL Bajaj Institute of Technology and Management, Greater Noida, India
- Presented a paper, **Title: “Crypto-Currency: A Futuristic Digital Currency for the Digital World”** in International E-Conference on Advanced & Emerging Applications in Big Data and Machine Learning (**ICAEABM-2020**) held on 19<sup>th</sup> December 2020 in IPEM Institutions, Ghaziabad, Uttar Pradesh, India.
- Presented a Paper, **Title: “A Subset Methodology to Image Classification based on Multi Feature Extraction”** in Online International Conference on Nano Robotics and Artificial Intelligence (**ICRAI2020**) held on 11<sup>th</sup> and 12<sup>th</sup> September 2020 in Syed Ammal Engineering College, Tamilnadu, India.
- Participated as a Delegate in IMUN Online Conference 20.0 from August 29<sup>th</sup> to 30<sup>th</sup>, 2020.
- Participated in One-Day National E-Conference on “**Human Values: Post-COVID 19**” sponsored by TEQIP-III (NPIU-MHRD, Govt. of India) and organized by JNTUA College of Engineering (A) Ananthapuramu, A.P. in association with University College of Engineering & Technology, Bikaner Technical University, Bikaner (Raj.) on 14th June 2020.
- Presented a Paper in International Conference, **Title: “Secular Mechanisms for Data in Ad-hoc Networks”** in **NECICC-2013** held on 12<sup>th</sup> and 13<sup>th</sup> July 2013 in Narasaraopeta Engineering College, Guntur, A.P, India.

## TEXTBOOKS:

- "Basics of C Programming Language" in Orange Publications, ISBN: 9789390169573.

- “Network Security” in LuLu Publications, ISBN: 9780359599301

## CERTIFICATIONS:

- Certified in Data Analytics Essentials from Cisco.
- Certified in Junior Cyber Security Analyst Career Path from Cisco.
- Certified in Prompt Design in Vertex AI from Google Cloud.
- Certified in SQL Injection Attacks from EC Council.
- Certified in Six Sigma White Belt from Council for Six Sigma Certification.
- Certified in Scrum Fundamentals from Scrum Study.
- Certified in Project Management Essentials from Management and Strategy Institute.
- Certified in “Remote Work and Virtual Collaboration” by Certiprof.
- Certified in “Scrum Foundation Professional Certificate” by Certiprof.
- Certified in “Cyber Security Foundation Professional Certificate” by Certiprof.
- Certified in "Google Cloud Security" by Google Cloud on Coursera.
- Oracle Certified Associate by Oracle.
- Certified Network Security Specialist (CNSS) from International Cyber Security Institute (ICSI).
- Certified in "The Fundamentals of Digital Marketing" by Google.
- Certified in "Introduction to Data Science" by IBM on Coursera.

## AWARDS:

- Research Excellence Award from Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad in November 2024.
- “Award of Excellence in Research-2022” in IJMTST Excellence Awards-2022 from International Journal for Modern Trends in Science and Technology.
- “Shiksha Ratan Award-2022” from International Council for Education, Research and Training.
- “VEDANT EDUCATOR EXCELLENCE AWARD 2020” from Vedant Foundation.
- Best Faculty Award 2020-2021 from All India Eminent Faculty Council of Engineering, Management and Technology in Association with Engineering & Management College Teachers Development Association.
- “INDIAN OVERSEAS PERFORMANCE EXCELLENT AWARD” in IARE –2019, India.
- “Young Researcher Award” in Vedant Academics Bangkok Awards – 2019 in Bangkok.

## FACULTY DEVELOPMENT PROGRAMS:

- Completed One month course on “**Quantum Computing**” organized by Centre for Development of Advanced Computing, Hyderabad and Indian Institute of Technology, Roorkee with the support of MEIT, GOI from 3<sup>rd</sup>-25<sup>th</sup> May 2025.
- Participated in a 40 hours Faculty Development Program on “**IoT and Blockchain: Securing the Next Generation of Connected Devices**” organized by HUB E & ICT Academy NIT Warangal, association with E&ICT Academy, IIITDM Kurnool, Andhra Pradesh during 10<sup>th</sup> March – 21<sup>st</sup> March 2025.
- Participated in One Week Faculty Development Programme on “**Data Visualization using Tableau**” held at Gokaraju Rangaraju Institute of Engineering and Technology from 19<sup>th</sup> to 24<sup>th</sup> August 2024 in association with Masranix Technologies Pvt Ltd, Hyderabad.

- Participated in One Week Faculty Development Programme on “**Generative AI & its Applications**” held at Gokaraju Rangaraju Institute of Engineering and Technology from 15 May 2024 to 20 May 2024 in association with Pantech e-learning.
- Participated in Five days online Faculty Development Program on “**AI Insights: Predictive Power of ML, DI & NLP**” organized by Department of AI&ML, Sphoorthy Engineering College, Hyderabad held from 14-5-2024 to 18-05-2024.
- Participated in One Week National Skill Development Program on “**Securing Blockchain Applications**” organized by Department of Computer Science and Engineering & Information Technology, CVR College of Engineering from 22<sup>nd</sup> April to 26<sup>th</sup> April 2024.
- Participated in One week Online National Faculty Development Program on “**Data Visualization Using Tableau**” conducted on 1<sup>st</sup> to 5<sup>th</sup> April 2024 organized by Department of Computer Science & Engineering, Mohan Babu University, Tirupati, Andhra Pradesh and EXCELR EDTECH.LTD
- Participated in One week Faculty Development Program on “**Role of Bigdata and Cloud in the Era of Transformation**” from 29<sup>th</sup> January to 03<sup>rd</sup> February 2024 organized by Department of Computer Science and Engineering, GATES Institute of Technology, Autonomous, Gooty, Ananthapuramu, Andhra Pradesh.
- Attended One-week Short Term Training Programme through ICT Mode on “**How to write Theis and Research Paper**” conducted by national Institute of Technical Teachers Training and Research (NITTTR) Kolkata from 17<sup>th</sup> January - 21<sup>st</sup> January 2022.
- Attended One-week AICTE-ISTE Orientation/Refresher Programme on “**Cyber Security and Ethical Hacking**” conducted by Xavier Institute of Engineering, Mumbai from 10<sup>th</sup> January – 15<sup>th</sup> January 2022.
- Attended Five-day Faculty Development Programme on “**Quantum Computing and Communications: New Paradigm**” conducted by Department of Computer Science & Engineering, SRM University-AP during December 27-31, 2021
- Attended One week Faculty Development Program on “**Python**” organized by E & ICT Academy, IIT Kanpur from 3<sup>rd</sup> May to 8<sup>th</sup> May 2021.
- Attended Two weeks Faculty Development Program on “**Data Science**” organized by E & ICT Academy, IIT Kanpur from 19<sup>th</sup> April to 30<sup>th</sup> April 2021.
- Attended GUJCOST Sponsored Six Days Faculty Development Programme on “**Blockchain and its Applications**” organized by Department of Computer Engineering, Madhuben & Bhanubhai Patel Institute of Technology, Gujarat from 14<sup>th</sup> to 19<sup>th</sup> December 2020.
- Attended GUJCOST Sponsored National Level Five Days Online FDP on “**Big Data Analytics - Tools and Techniques**” Organized by Department of Computer Science, Indus University-Ahmedabad from 30 November to 4 December, 2020.
- Attended Four Days online FDP on “**Machine Learning and its Applications**” organized by Department of Computer Applications, Godavari Institute of Engineering and Technology, Andhra Pradesh from 10<sup>th</sup> August to 13<sup>th</sup> August 2020.
- Participated in Three Day Online Faculty Development Program on “**Research Applications in Artificial Intelligence and Machine Learning**” organized by Vikas College of Engineering & Technology, Andhra Pradesh in association with TryLogic from 15-06-2020 to 17-06-2020.
- Attended Five Days Online Faculty Development Program on “**Artificial Intelligence and Data Science**” from 10<sup>th</sup> June to 14<sup>th</sup> June 2020 organized by oriental Institute of Science & Technology, Bhopal.
- Attended One-week Online Faculty Development Program on “**PERSPECTIVES OF ONLINE TEACHING AND LEARNING**” during 08 - 13 June 2020 organized by Gokaraju Rangaraju Institute of Engineering and Technology, Telangana.

- Participated in Three Days National Level Online Faculty Development Programme on **“Introduction to Machine Learning”** organized by Madanapalle Institute of Technology & Sciences, Andhra Pradesh from 5<sup>th</sup> June to 7<sup>th</sup> June 2020.
- Participated in Online Faculty Development Programme on **“Big Data Engineering”** organized by Kings Engineering College, Chennai from 1<sup>st</sup> June to 5<sup>th</sup> June 2020.
- Participated in Five Days Online Faculty Development Program on **“Emerging Technologies in Computer Science”** organized by Dr.M.G.R Educational and Research Institute, Chennai from 28<sup>th</sup> May to 2<sup>nd</sup> June 2020.
- Participated in Two Day National Level Online Faculty Development Programme on **“Blockchain Technology”** organized by Madanapalle Institute of Technology & Sciences, Andhra Pradesh on 30<sup>th</sup> May & 31<sup>st</sup> May 2020.
- Participated in One Week National Level Online Faculty Development Programme on **“Introduction to Artificial Intelligence and Machine Learning”** organized by Geethanjali College of Engineering & Technology, Telangana on 25<sup>th</sup> May & 30<sup>th</sup> May 2020.
- Attended One Week Online Faculty Development Program on **“Machine Learning Algorithms, Applications & Advantages”** from 25<sup>th</sup> to 30<sup>th</sup> May 2020, organized by Kamala Institute of Technology & Science, Telangana.
- Participated in Online Faculty Development Programme on **“Artificial Intelligence and its Applications”** conducted by Ramachandra College of Engineering, Andhra Pradesh in collaboration with 360DigiTMG from 25<sup>th</sup> May to 30<sup>th</sup> May 2020.
- Participated in Five Day Online Faculty Development Programme on **“Cyber Security”** conducted by Vikas College of Engineering & Technology, Vijayawada from 23<sup>rd</sup> May to 27<sup>th</sup> May 2020.
- Participated in One Week ONLINE FACULTY DEVELOPMENT PROGRAM on **“ARTIFICIAL INTELLIGENCE”** from 22-05-2020 to 26-05-2020 organized by Vardhaman College of Engineering, Telangana.
- Participated in Three Day Faculty Development Programme on **“Cyber Forensics and Attacks”** conducted by Institute of Aeronautical Engineering with INDIAN SERVERS from 22<sup>nd</sup> to 24<sup>th</sup> May, 2020.
- Participated in One week Online Faculty Development Program on **“Big Data Tools”** organized by St.Martin’s Engineering College, Secunderabad from 18<sup>th</sup> May to 23<sup>rd</sup> May 2020.
- Participated in a five-day Online Faculty Development Program on **“Data Science and Cloud Computing”** organized by Chebrolu Engineering College, Guntur from 18/May/2020 to 22/May/2020.
- Participated and Completed 15 hours National Online Training on **“Intellectual Property Rights & Patent Facilitation”** organized by Research and Consultancy cell, MIT Art, Design & Technology University, Pune from May 18 to 20, 2020.
- Attended Research Scholars Empowerment Programme (RSEP – IV) (Hands - on Session on Reference Management Tools, Technical Writing, Plagiarism) conducted by CIT – TLC on May 14 & 15, 2020 through online mode.
- Participated in One Week Online Faculty Development Programme on **“Effective Proposal Writing for Research and Funding”** organized by Sandip Institute of Technology & Research Centre, Nashik from 13<sup>th</sup> May to 18<sup>th</sup> May 2020.

- Participated in Online Faculty Development Programme on “**Machine Learning with R Programming**” organized by QIS College of Engineering, Ongole from 11<sup>th</sup> May to 16<sup>th</sup> May 2020.
- Attended A Three-Day Faculty Development Program on “**Outcome Based Education & Importance of Accreditation to Enhance the Quality of Technical Education**” from 4<sup>th</sup> May 2020 to 6<sup>th</sup> May 2020 through Online Mode conducted by Global Institute of Engineering & Technology, Telangana.
- Attended Six-day faculty training program on ‘**C Programming & Data Structures**’ conducted by JNTUH and APSCHE in Nalla Malla Reddy Engineering College, Hyderabad, A.P, India from 16<sup>th</sup> January 2012 – 21<sup>st</sup> January 2012.
- Attended Faculty Development Program (FDP) on ‘**Teaching Methodology**’ in Shadan Women’s College of Engineering & Technology, Hyderabad, A.P, India on 23<sup>rd</sup> July 2011.

#### WORKSHOPS ATTENDED:

- Participated in One week International Workshop on “**Technical Writing Using LaTeX(online)**” organized by School of Electronics Engineering (SENSE), VIT-AP, Amaravati, India during 30<sup>th</sup> March – 5<sup>th</sup> April 2024.
- Participated in Three Day Online Workshop on “**Introduction to Deep Learning**” organized by Department of Electronics & Communication Engineering, Anurag University, Telangana from 21<sup>st</sup> – 23<sup>rd</sup> August 2020 in association with Skill-To-Hire.
- Participated in One Week National Level Online Workshop on “**Azure Serverless Computing**”, Organized by Department of Computer Science and Engineering, Mahatma Gandhi Institute of Technology in association with Wilma Technologies, from 10<sup>th</sup> – 14<sup>th</sup> August 2020.
- Participated in a Two day National Workshop on ‘**Big Data Analytics**’ held on 17<sup>th</sup> & 18<sup>th</sup> April 2013 in R.V.R & J.C College of Engineering, Guntur, A.P, India.
- Participated in a Two day National Workshop on ‘**Current Trends on Cloud Security**’ held on 30<sup>th</sup> & 31<sup>st</sup> March 2013 in Osmania University, Hyderabad, A.P, India.
- Participated in a Two day National Workshop on ‘**A Role on .Net in Cloud Computing**’ held on 30<sup>th</sup> & 31<sup>st</sup> December 2012 in Osmania University, Hyderabad, A.P, India.
- Participated in a Two day National Workshop on ‘**Cloud Computing & Security Issues**’ held on 12<sup>th</sup> & 13<sup>th</sup> July 2012 in Osmania University, Hyderabad, A.P, India.
- Attended a National workshop on Cognitive Radio ‘**CORD – 2012**’ in IIT Hyderabad on 25<sup>th</sup> February 2012.
- Attended a National workshop on ‘**Outcome Based on Engineering Education**’ in Vignan University, Guntur, A.P, India on 28<sup>th</sup> January 2012.

#### COURSES TAUGHT:

- |                                     |  |
|-------------------------------------|--|
| ➤ Machine Learning                  | ➤ Web Services                         |
| ➤ Python                            | ➤ Formal Languages and Automata Theory |
| ➤ C Programming & Data Structures   | ➤ Windows Architecture and Programming |
| ➤ Data Structures through C++       | ➤ Data Warehousing and Mining          |
| ➤ Design and Analysis of Algorithms | ➤ System and Network Administration    |
| ➤ Java Programming                  | ➤ Principles of Compiler Design        |
| ➤ Object Oriented Analysis & Design | ➤ Simulation and Modeling              |
| ➤ Software Engineering              | ➤ Multimedia Systems                   |
| ➤ Web Technologies                  | ➤ Computer Graphics                    |

## ROLES AND RESPONSIBILITIES:

- Major Project coordinator for IV CSBS in GRIET, Hyderabad for the A.Y 2024-2025.
- Overall II Year coordinator of AIML Department in GRIET, Hyderabad for the A.Y 2024-2025.
- Class coordinator of II AI in GRIET, Hyderabad for the A.Y 2024-2025.
- NAAC-1 coordinator of AIML Department in GRIET, Hyderabad for the A.Y 2024-2025.
- Mini Project coordinator for III AIML in GRIET, Hyderabad for the A.Y 2023-2024.
- Quizzicals and NSS Co-Ordinator of Dept of AIMLE in GRIET, Hyderabad.
- Class Co-Ordinator for II CSBS in GRIET, Hyderabad for the A.Y 2023-2024.
- NAAC-5 coordinator of AIMLE Department in GRIET, Hyderabad for the A.Y 2023-2024.
- Reviewer in Measurements Journal (Elsevier).
- Member of International Technical Program Committee in International Conference on Innovations in Data Analytics(ICIDA 2022) organized by Eminent College of Management and Technology, India on November 29-30, 2022.
- Member of International Advisory Committee in International Conference on Recent Innovations in Science, Engineering and Management (ICRISEM'22) organized by Tagore Institute of Engineering and Technology, India on 3-4 June 2022.
- Reviewer in International Conference on Emerging Trends in IoT & Computing Technologies-2022 organized by Goel Institute of Technology & Management, India on 13-14 May 2022.
- Member of M.Sc Curriculum Development.
- Member of B.Sc Curriculum Development.
- Class Scheduler of Software Engineering Department in Haramaya University.
- Exam Scheduler of Software Engineering Department in Haramaya University.
- Member of Exam Approval Committee of Software Engineering Department in Haramaya University.
- Member of Grade Approval Committee of Software Engineering Department in Haramaya University.
- Member of International Advisory Board and Organising Committee Member in International Conference on Interdisciplinary Research for Sustainable Development organized by Green ThinkerZ Society, India on 25<sup>th</sup> December 2020.
- In-charge HOD of CSE & IT in Jawaharlal Nehru Institute of Technology.
- Prepared lab manuals for C Programming & Data Structures, Data Structures through C++, Linux Programming, Web Technologies and Unified Modeling Language.
- In charge in Time Tables for CSE & IT in Jawaharlal Nehru Institute of Technology.
- Co-ordinator for “**SIGMA – 2K11**” A National Level Technical symposium organized in Jawaharlal Nehru Institute of Technology.
- Member in “**KITSYUVA – 2K13**” A National Level Technical symposium organized in KKR & KSR Institute of Technology & Sciences.
- Member of Training & Placement Committee in Jawaharlal Nehru Institute of Technology.
- Member of Anti-ragging squad in Jawaharlal Nehru Institute of Technology.
- Project Coordinator for B.Tech(CSE) in Jawaharlal Nehru Institute of Technology.
- Guided academic projects for B.Tech(CSE & IT) and MCA students.
- Had observer's experience.

## ACHIEVEMENTS:

- All India 5<sup>th</sup> Rank in **JEST – 2012**.

- All India **4540<sup>th</sup>** Rank in **GATE – 2007**.

#### MEMBERSHIPS:

- Associate Member in Universal Association of Computer and Electronics Engineers(UACEE)
- Member in International Association for Computer Science & Information Technology (IACSIT)
- Member in Computer Science and Teachers Association (CSTA)
- Member in International Association of Engineers (IAENG)
- Member in Association for Computing Machinery(ACM)

#### TECHNICAL KNOWLEDGE:


- **Programming Languages** : C, C++, DS, Java, Python
- **Operating Systems** : Windows XP, 2000, 7, 8, 10 and Unix
- **Web Technologies** : HTML, Java Script, XML

#### DECLARATION:

I hereby declare that the above information given by me is correct to the best of my knowledge.

Date: 11/7/2025

Place: India



(Rajasekhar Boddu)

Google Scholar: <https://scholar.google.com/citations?user=wuimgP8AAAAJ&hl=en>

Scopus Id: 57489395400

Web of Science Researcher ID: AIF-3667-2022

ORCID: 0000-0002-2522-206X

#### Reference-1

Dr. K. Arun  
Assistant Professor  
GITAM School of Technology  
GITAM University, Hyderabad  
Telangana, India  
Email: [akodirek@gitam.edu](mailto:akodirek@gitam.edu)  
Phone No.: +91-9908024556

#### Reference-2

Dr. G. Narasimha Rao  
Professor  
Dept. of CS&SE  
Andhra University, Visakhapatnam,  
Andhra Pradesh, India  
Email: [prof.narasimha@andhrauniversity.edu.in](mailto:prof.narasimha@andhrauniversity.edu.in)  
Phone No.: +91-7396294243