




Gokaraju Rangaraju Institute of Engineering and Technology

Departments of CSE

FACULTY PROFILE

About	
Name :	Dr N Rajasekhar
Designation :	Professor & Dean- HSCE
Department :	Department of Computer Science and Engineering
Faculty Id :	1581
JNTUH Id :	97150407-113543
Recent Photo :	
About Myself :	<p>Dr. N. Rajasekhar received doctoral degree in the year 2015 from Acharya Nagarjuna University, India and M.Tech degree from Bharath University, Chennai, India. He is currently working as Professor in the Department of Computer Science and Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India. He has a total of 20 years' experience in teaching. He is actively involved in research and some of his research interests include Network Security, Machine Learning Mobile Adhoc Networks and Artificial Intelligence. He has successfully produced three Ph.D. scholars under his supervision one from Visvesvaraya Technological University, Belagavi, Karnataka and two from Sri Satya Sai University of Technology & Medical Sciences, Sehore, Madhya Pradesh has served as an external adjudicator/examiner for Ph.D. theses from various reputed universities like Visvesvaraya Technological University, Belagavi, Karnataka, Bharathiar University, Coimbatore, KBN University, Gulbarga, Karnataka across India. Currently, four research scholars are pursuing their Ph.D. degrees under his guidance from Annamalai University, Tamil Nadu and GIET University, formerly Gandhi Institute of Engineering and Technology, Gunupur, Odisha</p> <p>He has published more than 40 research papers in international journals and conferences and has received best paper award in international conference at IEEE Conference at Agadir, Morocco in the year 2016. He is also member of various professional organizations such as ACM, IEEE, ISTE. He is also serving as reviewer and editorial board member for various reputed peer reviewed journals and technical committee member for various international conferences.</p>



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Contact Details			
College Email Id	:	n.rajasekhar@griet.ac.in	
Gmail Id	:	rajasekhar1581@grietcollege.com	
	:	9959694059	
Mobile	:		
	:		
Educational Details			
Ph.D	:	Acharya Nagarjuna University, Guntur, Andhra Pradesh. (2015)	
M.Tech	:	Bharath University, Chennai (2006)	
B. Tech	:	S V University, Tirupati (2004)	
Professional Background			
Please Enter Professional Experience details:			
	College Name	Period	Designation
	Currently working as Professor in the Department of Computer Science and Engineering and Dean - HSCE, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	From May-2019 to till date	Professor
	worked as a Professor in the Department of Computer Science and Engineering, Institute of Aeronautical Engineering, Hyderabad	From Jan-2017 to April-2019	Professor
	worked as a Associate Professor in the Dept of Information Science and Engineering,	From Dec-2015 to Dec-2016	Associate Professor



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	Dayananda Sagar College college of Engineering, Bangalore.		
	worked as a Professor in the Department of Computer Science and Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad	From July-2007 to Dec 2015	Assistant Professor
	worked as a Professor in the Department of Computer Science and Engineering, Farah Institute of Technology, Chevella, Hyderabad	From Aug-2005 to July 2007	Assistant Professor
Administrative Experience			
(Please enter if any)	<ul style="list-style-type: none"> ✓ Working as a Dean- Higher Studies and Competitive Examinations, GRIET ✓ Worked as In charge IQAC- IT Dept , GRIET ✓ Deputed as BoS member for St. Peters engineering college, IARE, MLRIT, Hyderabad. ✓ Worked as NBA Co-ordinator for IT Dept, GRIET ✓ Worked as a Dean-Academics (Autonomous) for PG Studies at IARE ✓ R&D department Coordinator at DSCE. ✓ Infosys Campus connect at DSCE. ✓ Incharge Engineer in Mirror. ✓ Incharge Industrial tours. ✓ Incharge Academic audit department coordinator ✓ Department member for Syllabus framing ✓ Co-ordinator to establish IBM Center of Excellence at VNRVJIET ✓ Actively participated in Convergence 2k13,2k12,2k11,2k10,2k9,2k8 ✓ M.Tech Lab Incharge ✓ One of the active members in conducting INDAS -2014 Conference conducted by VNRVJIET 		



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Committee Work	
(Please enter if any)	<ul style="list-style-type: none"> ✓ Worked as in charge IQAC- IT Dept , GRIET ✓ Worked as NBA Co-ordinator for IT Dept, GRIET
Research Guidance	
(Please enter if any)	<ul style="list-style-type: none"> ✓ 3 Ph.D.'s awarded under my guidance (1 from VTU, Belagavi, Karnataka), (2 From Sri Satya Sai University of Technology and Medical Sciences is a private university, Sehore, M.P) ✓ Currently 4 Ph.D. scholars are pursuing research under my supervision. ✓ Acted as Ph.D. Thesis Adjudicator for various universities in India.
Publications (Please enter Title, ISSN No, DOI and all details)	
International	<ol style="list-style-type: none"> 1. Published a Paper titled 'Exploring diverse network threats on cyber-physical systems', Journal of Discrete Mathematical Sciences and Cryptography 28(6), pp. 2561-2571, Year 2025(Scopus and Web of Science Indexed) 2. Published a Paper titled 'Dynamic Fracture Analysis of Composite Structures under Impact Loading: A High-Speed Camera Study', Aip Conference Proceedings 3157(1) Year 2025(Scopus Indexed) 3. Published a Paper titled 'Microwave Processing Revolutionizing Material Preparation for Manufacturing', 3157(1) Year 2025(Scopus Indexed) 4. Published a Paper titled 'Enhancement Quality of Software by Optimization Methods', 2024 4th International Conference on Artificial Intelligence and Signal Processing AISP Year 2024 (Scopus Indexed) 5. Published a Paper titled 'GRAPH-BASED FRIEND RECOMMENDATIONS ON SOCIAL MEDIA USING MACHINE LEARNING', Journal of Theoretical and Applied Information Technology, Volume 103, Year 2025, Pages 3984-3996(Scopus Indexed) 6. Published a Paper titled 'Holdout based blending approaches for improved satellite image classification', International Journal of Electrical and Computer



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	<p>Engineering, Volume 14, Year 2024, Pages 3127-3136(Scopus Indexed)</p> <ol style="list-style-type: none">7. Published a Paper titled ‘Magnetic resonance brain images classification using linear kernel-based Support Vector Machine’, 3rd Nirma University International Conference on Engineering Nuicone 2012, Year 2012(Scopus Indexed)8. Published a Paper titled ‘Drainage water level classification using support vector machines’, 4th Nirma University International Conference on Engineering Nuicone 2013, Year 2013(Scopus Indexed)9. Published a Paper titled ‘Classification of remote sensed data using linear kernel based support vector machines’, International Conference on Control Communication and Computing Iccc 2013, Year 2013, Pages 22-27(Scopus Indexed)10. Published a Paper titled ‘A survey on routing techniques for transmission of packets in networks’, Proceedings 2016 International Conference on Engineering and MIS Icemis 2016, Year 2016(Scopus Indexed)11. Published a Paper titled ‘A novel cluster analysis for gene-miRNA interactions documents using improved similarity measure’, Proceedings 2016 International Conference on Engineering and MIS Icemis 2016, Year 2016(Scopus Indexed)12. Published a Paper titled ‘Privacy preserving and data security - A survey’, Proceedings 2016 International Conference on Engineering and MIS Icemis 2016, Year 2016 (Scopus Indexed)13. Published a Paper titled ‘Using normal distribution to retrieve temporal associations by Euclidean distance’, Proceedings 2017 International Conference on Engineering and MIS Icemis 2017, Volume 2018-January, Year 2017, Pages 1-3(Scopus Indexed)14. Published a Paper titled ‘Estimating prevalence bounds of temporal association patterns to discover temporally similar patterns’, Advances in Intelligent Systems and Computing, Volume 576, Year 2017, Pages 209-220(Scopus Indexed)15. Published a Paper titled ‘Promoting business location by users recommended poi over social networks’, Journal of Advanced Research in Dynamical and Control Systems, Volume 10, Year 2018, Pages 34-36(Scopus Indexed)16. Published a Paper titled ‘Social data analytics by visualized clustering approach for health care’, Advances in Intelligent Systems and Computing, Volume 564, Year 2018, Pages 147-153(Scopus Indexed)17. Published a Paper titled ‘A membership function for intrusion and anomaly detection of low frequency attacks’, ACM International Conference Proceeding Series, Year 2018(Scopus Indexed)
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18. Published a Paper titled 'Medical image fusion using transform based fusion techniques', International Journal of Recent Technology and Engineering, **Volume 8, Year 2019, Pages 309-317**(Scopus Indexed)
19. Published a Paper titled 'Similarity Based Feature Transformation for Network Anomaly Detection', IEEE Access, **Volume 8, Year 2020, Pages 39184-39196** (SCI Indexed)
20. Published a paper titled 'Author Profiles Prediction Using Syntactic and Content-Based Features', Advances in Intelligent Systems and Computing, **Volume 1079, Year 2020, Pages 265-273**(Scopus Indexed)
21. Published a paper titled 'Design and Development of EGB Classification Model for predicting Heart Diseases', 2nd International Conference on Innovative Mechanisms for Industry Applications Icimia 2020 Conference Proceedings, **Year 2020, Pages 359-366**(Scopus Indexed)
22. Published a paper titled 'Deep Bi-linear Convolution Neural Network for Plant Disease Identification and Classification', Communications in Computer and Information Science, **Volume 1393, Year 2021, Pages 293-305**(Scopus Indexed)
23. Published a paper titled 'Exploration on Content-Based Image Retrieval Methods', Lecture Notes in Networks and Systems, **Volume 317, Year 2022, Pages 51-62**(Scopus Indexed)
24. Published a paper titled 'Analysing Sentiments of People Over Vaccines in Reddit Posts Using Natural Language Processing', Communications in Computer and Information Science, **Volume 1575 CCIS, Year 2022, Pages 123-131**(Scopus Indexed)
25. Published a paper titled 'Plant disease classification using deep bilinear CNN', Intelligent Automation and Soft Computing, **Volume 31, Year 2022, Pages 161-176**(SCI Indexed)
26. Published a paper titled 'Novel Approach on sustainable Topic Modelling paradigms for Recognition of health-related topics in a social platform through Distributed file system', E3s Web of Conferences, **Volume 430, Year 2023**(Scopus Indexed)
27. Published a paper titled 'Blockchain Integration in Industry 5.0: A Security Experiment for Resilience Assessment', Bio Web of Conferences, **Volume 86, Year 2024**(Scopus Indexed)
28. Published a paper titled 'Employing Stereo Convolutional Neural Networks for Precise 3D Object Localization in Autonomous Driving Technology', Proceedings of the 2024 2nd International Conference on Cyber Physical Systems Power Electronics and Electric Vehicles Icpcev 2024, **Year 2024**(Scopus Indexed)
29. Published a paper titled 'Classification of Alzheimer's Disease Using Deep Learning Methodologies on MR Images', Springer Proceedings in Mathematics and Statistics, **Volume 421, Year 2024, Pages 479-488**(Scopus Indexed)



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Books/ Book Chapters (Please enter Title, ISSN No, DOI and all details)	
International :	<ul style="list-style-type: none"> ✓ Published book chapter in ‘Accuracy Evaluation of Plant Leaf Disease Detection and Classification Using GLCM and Multiclass SVM Classifier’ Lecture Notes on Data Engineering and Communications Technologies, Volume 61, Year 2021, Pages 41-54 ✓ Android App for Visual Representation of Data Structures Paperback – 23 Feb. 2018 English edition by Srinivasa Reddy Konda (Author), Rajasekhar Nuvvusetty (Author) Publisher : LAP LAMBERT Academic Publishing ,Publication date : 23 Feb. 2018 Language : English, Print length : 56 pages ISBN-10 : 6138238133, ISBN-13 : 978-6138238133
Courses Taught	
Enter Courses Names:	<ul style="list-style-type: none"> ✓ Mathematical Foundations in Computer Science ✓ Software Engineering ✓ Software Testing Methodologies ✓ Software Project Management ✓ Software requirements engineering ✓ Data Mining and Data Warehousing ✓ Unified modeling language ✓ Human Computer Interaction ✓ Machine Learning. ✓ E-commerce. ✓ Computer Networks. ✓ Cloud Computing ✓ Decision Support Systems.
Awards	
Enter Awards Details:	<ul style="list-style-type: none"> • Received Best Paper Award paper titled “A Survey on Routing Techniques for Transmission of Packets in Networks “at ICEMIS-2016 IEEE conference form 22-24 SEP 2016 at IBN ZOHR University, Agadir, Morocco. • Received compliments from principal for 100% results in subjects Software engineering, Software project management, E-Commerce, Software testing methodologies at GRIET.



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Patents Filed	
Title of the Invention :	Method for detecting health conditions in plants using an aerial device based on deep learning approach
Application Number :	202041043102
Publication Date :	05/10/2020
Other Details	
Courses/ Conferences/ FDP's / Symposiums/ Workshops/ Seminars Attended	<ul style="list-style-type: none">✓ Guest Editor for special issue Current Chinese Computer Science (Bentham Science Publishers)✓ Reviewer and Session Chair for ICAICR 2020 and ICAICR 2021 Springer, SCOPUS Indexed Conferences.✓ Reviewer for CMC-Computers, Materials & Continua (SCI-E indexed journal) ISSN: 1546-2226✓ Reviewer for various SCI_E, WoS, Scopus Indexed Journals.✓ Participated in UGC refresher course on Advanced Trends in Web mining and Data warehousing at JNTU, Hyderabad.✓ Faculty improvement program on OUTCOME BASED EDUCATION Conducted by UGC-ASC, JNTU, Hyderabad.
Courses/ Conferences/ FDP's / Symposiums/ Workshops/ Seminars Organized	<ul style="list-style-type: none">✓ Conducted twice DB2 certification course for B.Tech students in accociation with IBM at VNRVJIET, Hyderabad.✓ Conducted various Technical seminars.✓ Active member in conduction of various workshops conducted by VNRVJIET, Hyderabad, DSCE, Bangalore and IARE, Hyderabad.✓ Conducted and actively involved in International Conference on Innovative Computing, Informatics and Advanced Communication Systems (ICICIAC-2022) on 25-26 March 2022 held at GRIET



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Faculty Achievements	<ul style="list-style-type: none">✓ BEST PAPER AWARD FOR A CONFERENCE PAPER IN ICEMIS-2016, IEEE International Conference, Agadir, Morocco✓ External adjudicator for Ph.D. theses from various reputed universities like Visvesvaraya Technological University, Belagavi, Karnataka, Bharathiar University, Coimbatore, KBN University, Gulbarga, Karnataka across India.✓ TPC member & Session Chair for ICEMIS 2016, 2017,2018,2019,2020,2021 IEEE, SCOPUS Indexed Conferences.✓ TPC member & Session Chair for International Conference on Data Science, E-learning and Information Systems 2020 & 2021 ACM, SCOPUS Indexed Conferences
Professional Memberships & Ids	<ul style="list-style-type: none">✓ ISTE- LIFE MEMBER✓ IAENG-LIFE MEMBER ((Member No: 113800)✓ SCRS-SOFT COMPUTING RESEARCH SOCIETY-LIFE MEMBER
Certification Courses	<ul style="list-style-type: none">✓ Coursera certification on Support Vector Machine Classification using Python✓ Coursera certification on Predict Future Product Prices Using Facebook Prophet✓ Coursera certification on Auto ML for Computer Vision with Microsoft Custom Vision✓ Coursera certification on Introduction to HTML
Invited Talk/ Jury/ Resource Person	Delivered Lectures and invited talks in various FDPs and STTPs etc.