Dr. S Viswanadha Raju

PhD (CSE)

Senior Professor & Principal

LMISTE, LMIETE,IEEE,LMCSI

Computer Science & Engineering

Areas of Interest:
Information RetrievalÂ
Biometrics
Outcome Based Education
Image Processing
Data Mining
Machine LearningÂ
C programmingÂ
Python Programming

Dr. S.Viswanadha Raju is a Senior Professor in the Computer Science and Engineering Department at JNTUH UCEJ, Jagtial, since July 7, 2020. Prior to this, he served as a Professor in the same department from July 7, 2010to July 7, 2020. He also held a position as a Professor in CSE at GRIET, Hyderabad from February 11, 2009 to July 6, 2010.With over 28 years of academic experience, Dr. Raju has held several key leadership positions, including Vice Principal and IQAC Coordinator at JNTUH UCEJ Jagtial (2016–2021), Director of MCA at GRIET (2008–2010), and Head of the CSE Department at JNTUH UCEJ (2011–2015).

Dr. Raju Completed his **Ph.D.** in Computer Science and Engineering from Acharya Nagarjuna University, **Guntur** (2008), an **MTech** in Computer Science from **JNTU Hyderabad** (2003), an **MCA** from Osmania University, Hyderabad (1996). Additionally, he holds a **CMI Level 5** professional certification in Education Leadership and Management from **MHRD-AICTE** and **UKIERI/Dudley College, London.**

Dr. Raju has been honoured with several prestigious awards, including the **State Best Teacher Award (2020)** from the **Government of Telangana**, the **ISTE Best Computer Science Engineering Award (2014)**, an Appreciation certificate from the **District Collector of Jagtial (2019),** and a few more. His research spans areas such as AI/ML, IoT, biometrics, and Quality in Higher Education, leading to 9 Indian patents published and 2 international patents granted. His work has contributed significantly to educational system reforms and accreditation processes. Dr. Raju Guided 17 **Ph.D. scholars** and currently supervising 5 more. He has published over **120 research articles** in renowned journals and conferences. His academic contributions also include 5 books, such as OBE Implementation in Engineering and Programming for Problem-Solving, etc, and 11 book chapters, 2 AICTE **Research projects**, and a TEQIP project.

Dr. Raju is a Fellow of the Institution of Engineers (India) and a life member of ISTE, IETE, CSI, and IACSIT. He has delivered over **220 invited talks** on technical and accreditation topics. In terms of **academic governance**, Dr. Raju has served as a Member of the **Governing Body** for 9 colleges, an **Academic Council** for 8 colleges, and a **Board of Studies** for CSE and allied branches at approximately **25** colleges in the last 14 years. He has also been nominated by **AICTE** as an expert for assessments with UGC, NBA, NAAC, enhancing the effectiveness of **IT Consultants** across the **AICTE Bureau** and **e-Governance cells,** and **JNTUH**. Dr. Raju has organized numerous academic events and participated in global academic exchanges in **Singapore** and **Taiwan.**

Dr. Raju has contributed to global academic reforms through visits to Singapore and Taiwan.

- **OBE/ Technical Activities** : https://www.linkedin.com/in/dr-s-viswanadha-raju-898bbb9/?originalSubdomain=in
- **Publications on Google Scholar**: https://scholar.google.com/citations?user=uNCpxiMAAAAJ&hl=en
- **NPTEL SPOC Coordinator Link**: https://nptel.ac.in/localchapter/statistics/1363
- **Published Book: "Outcome Based Education- Implementation in Engineering   Institutions"**https://notionpress.com/read/outcome-based-education
- **Video Lecture on Outcome-based Education in year 2011**: https://www.youtube.com/watch?v=OcBdH_0Udqc
- Published OBE articles by National Law University and Judicial Academy, Assam in 2023https://nluassam.ac.in/docs/pub/Outcome based Education and Research.pdf

- ‣ Educational & Professional

- ‣Academic Qualifications
‣CMI Certification (international) in Leadership and Program Management , AICTE-UKIERI collaboration with MHRD and Dudley College London(2015) (2014-2015)

- ‣
PhD(Computer Science & Engineering) in Information Retrieval, ACHARYA NAGARJUNA UNIVERSITY with AWARDED (2005-2008)

- ‣
M.Tech(Computer Science & Engineering) in Computer Science & Engineering , JNTU ,HYDERABAD with FIRST CLASS with Distinction (2000-2002)
    ‣Professional Experience

- ‣ At JNTUH
- ‣Professor, JNTUHCEJ /JNTU ,HYDERABAD (2010 - Till Date)

- ‣ Patents
- ‣Dr S Viswanadha Raju, *System and method of providing assistance for monitoring land encroachment* ,Indian patent, 2019
- ‣Dr S Viswanadha Raju, *System and Method for Online audit and inspection of educational institutions* ,Indian patent, 2019
- ‣Dr S Viswanadha Raju, *A Hybrid method to indentify optimal intial cluster centre for clustering* ,Indian patent, 2018
- ‣Dr S Viswanadha Raju, *Authentication model for Wireless Communication* ,Indian patent, 2018
- ‣Dr S Viswanadha Raju, *Video Input based System for Warning Anomalies and Automating Attendance of Students*(VISWAAAS) -5747/CHE/2015 ,Indian patent, 2015
- ‣Dr S Viswanadha Raju, *A Frame Work for STEP Data Transformation.*(filed --814/CHE/2014) ,Indian patent, 2014
- ‣Dr S Viswanadha Raju, *An Expert System for Residential Medical Diagnosis*(filed -- 704/CHE/2014) ,Indian patent, 2014
- ‣Dr S Viswanadha Raju, *A Secured Optimized Multimodal Biometric Identification System (OMBIS) for Remote Infrastructure Management, (filed - 584/CHE/2014)* ,Indian patent, 2014
- ‣Dr S Viswanadha Raju, *Enhancing the Security Strength of Cloud Computing through Biometric Template Protection Scheme*(filed - TEMP/E-1/7859/2013-CHE) ,Indian patent, 2013
- ‣Dr S Viswanadha Raju, *Automotive Security System Using Embedded Biometrics (filed 1995/CHE/2013)-* ,Indian patent, 2013
- ‣Dr S Viswanadha Raju, *Hybrid Approach for Multimodal Biometric Template Security(filed- 1350/CHE/2013)* ,Indian patent, 2013

- ‣Books
- ‣Dr.S Viswanadha Raju, *International Conference on Advanced Computing Technologies*, BS Publications, 9788178001883, 2009
- ‣Dr.S Viswanadha Raju, *Feature Detectors and Motion Detection in Video Processing (pp: 256-266)*, IGI Global, https://www.igi-global.com/chapter/insilico-approach-for-epitope-prediction-toward-novel-vaccine-delivery-system-design/170222, 2016
- ‣Dr.S Viswanadha Raju, *Intelligent Techniques in Signal Processing for Multimedia Security, (pp 113â€"132)*, Springer, https://link.springer.com/chapter/10.1007/978-3-319-44790-2_6, 2017
- ‣Dr.S Viswanadha Raju, *Intelligent Techniques in Signal Processing for Multimedia Security, (pp 469â€"485)*, Springer, https://link.springer.com/chapter/10.1007/978-3-319-44790-2_21, 2017
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- ‣Dr.S Viswanadha Raju, *Big Data Management and the Internet of Things for Improved Health Systems, (PP.163-175)*, IGI Global, https://www.igi-global.com/chapter/secured-optimal-cost-approach-for-bimodal-deep-face-recognition-in-iot-and-its-applications/196045, 2018
- ‣Dr.S Viswanadha Raju, *Parallel String Matching with Linear Array, Butterfly and Divide and Conquer Models*, Springer, 1386-7857, 2018
- ‣Dr.S Viswanadha Raju, *Information and Communication Technology for Competitive Strategies (pp.359-375)*, Springer, 978-981-13â€"0513-9, 2019
- ‣Dr.S Viswanadha Raju, *Performance Optimization of Hypervisorâ€™s Network Bridge by Reducing, Advances in Big Data and Cloud Computing Latency in Virtual Layers*, Springer, 978-981-13-1881-1, 2019
- ‣Dr.S Viswanadha Raju, *PROCEEDINGS 6th International Advanced Computing Conference*, IEEE Computer Society-CPS Conference publishing, 9781467382861, 2016
- ‣Dr.S Viswanadha Raju, *Programming in C*, Spectrum Education Publications, 978-93-83640-66-9, 2018
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- ‣S.Viswanadha Raju, MSVS RAJU, DEEPAK GARG, K.R.RAJU, *PROCEEDINGS 6th International Advanced Computing Conference*, IEEE Computer Society-CPS Conference publishing, 9781467382861, 2016
- ‣S.Viswanadha Raju, *International Conference on Advanced Computing*, BS Publications Hyderabad, 7695-2938, 2008

- ‣ Publications

- ▸ S Viswanadha Raju, *A Learning-based optimized hybrid model for efficient and scalable long document classification*, Journal of Theoretical and Applied Information Technology, ISBN No.ISSN 1817-3195 , February, 2024
- ▸ S Viswanadha Raju, *Multi layer temperature response to Summer Monsoon Intraseasonal Oscillations (MISO) under varying salinity stratification in the Northern Bay of Bengal.*, Ocean Sciences Meeting, 2024
- ▸ S Viswanadha Raju, *Application of Response Surface Methodology and Machine Learning Approaches to Predict Porosity and Compression Strength of Selective Laser-Sintered Polyamide-12 Scaffold Parts*, Journal of Materials Engineering and Performance, ISBN No.1059-9495 (print); 1544-1024 (web), May, 2024
- ▸ S Viswanadha Raju, *An efficient human action recognition framework based on hybrid features and enhanced long short term memory*, International Journal of System of Systems Engineering, ISBN No.1748-0671, 2023, 2023
- ▸ S Viswanadha Raju, *OpenCV libraries for computer vision*, Computer Vision: Applications of Visual AI and Image Processing, ISBN No.9783110756722, March, 2023
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- ▸ S Viswanadha Raju, *Industry 4.0: augmented reality in smart manufacturing industry environment to facilitate faster and easier work procedures*, Cloud Analytics for Industry 4.0, ISBN No.doi.org/10.1515/9783110771572, Oc, 2022
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- ▸ S Viswanadha Raju, *A novel method for trust evaluation in a mobile ad hoc network*, PP.1-10, International Journal of Computer Science and Information Security (IJCSIS), ISBN No.1947-5501, February, 2020
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- ▸ Sesha Bhargavi Velagaleti , M Seetha, S Viswanadha Raju, *A NOVEL METHOD FOR TRUST EVALUATION IN A MOBILE AD HOC NETWORK*, International Journal of Computer Science and Information Security (IJCSIS), Vol 18, Issue No.2, 2, 2020
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- ▸ S Viswanadha Raju, *Parallel String Matching with Linear Array, Butterfly and Divide and Conquer Models*, PP.181-207, Annals of Data Science, Vol No.5, Issue No.2, 2018
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- ▸ S Viswanadha Raju, *Data Labeling and Concept Drift Detection using Rough Entropy For Clustering Categorical Attributes*, PP. 2077-2085, HELIX, ISBN No.2277-3495, January, 2017
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- ▸ S Viswanadha Raju, *An Enhanced Feature Extraction Technique for Diagnosis of Pathological Problems in Mango Crop*, PP.28-39, International Journal of Image, Graphics and Signal Processing, ISBN No.2074-9074, September, 2017
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- ▸ S Viswanadha Raju, *N-Folded Parallel String Matching Mechanism*, PP. 339-384, Annals of Data Science, ISBN No.2198-5804, December, 2016
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- ▸ S Viswanadha Raju, *A Privacy based Web Services Application for Secure Routing in Mobile Ad Hoc Networks PP.55-59*, International Journal of Information Technology Convergence and Services (IJITCS) , ISBN No.2231-1939, April, 2012
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- GN Beena Bethel, TV Rajinikanth, S Viswanadha Raju, *Enhancement of Anisotropic Diffusion Filtered Cardiac MR Images Using Contrast-Based Fuzzy Approach*, International Conference on Advances in Computational Intelligence and Informatics, pp.219-227, Springer, Singapore, 12, 2019

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- › Events Participated/Organized

- Organized
- - Organized a Conference on IEEE Conference, Patiala, 15-05-2016 to
- - Organized a Conference on International Conference on Advance Computing Methodologies, Hyderabad, 15-05-2016 to
- - Organized a Conference on th IEEE International Advance Computing Conference (IACC-2016), Bhimavaram-534204, Andhra Pradesh, India Organized by IEEE Computer Society - India Council & S R K R Engineering College, Bhimavaram, India, 27-02-2016 to 28-02-2016
- - Organized a Workshop on AICTE staff development program on Emerging Trends in Data Mining, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 22-06-2009 to 05-07-2009
- - Organized a Conference on International Conference on Advanced Computing Technologies, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 26-12-2008 to 27-12-2008
- - Organized a Workshop on Algorithms and Data Mining, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 09-12-2008 to 13-12-2008
- - Organized a Workshop on Advanced Algorithms and Data mining, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 17-11-2008 to 21-11-2008
- - Organized a Conference on National Conference on Artificial Intelligence, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 01-12-2006 to
- - Organized a Workshop on Advanced UNIX Programming, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 09-12-2004 to 11-12-2004
- - Organized a Workshop on R PROGRAMMING, JNTUHCEJ KARIMANAGER,

- Presented
- - Presented a paper in *Enhancing Security of Stored Biometric Template In Cloud Computing Using FEC*, ICCCS ,Tirupati, 18-01-2016 to
- - Presented a paper in *Ameliorating the security of Palm print Biometric Template Using FEC, National Conference on Emerging Technologies in Computer Science-2014 (NCETCS'14)*, JNTUK University College of Engineering Vizianagaram (IEEE), 28-03-2014 to 29-03-2014
- - Presented a paper in *Clustering Categorical Time-Evolving data using Concept-Drift Detection based on Rough Entropy, 2nd International Conference on "Advanced Computing Methodologies*, GRIET Hyderabad, 02-08-2013 to 03-08-2013
- - Presented a paper in *Academic Fraud in Higher Education*, WOSA 2012 NEW DELHI, 25-03-2012 to 28-03-2012
- - Presented a paper in *Global educational qualification Framework (GEQF) for International Recognition of Qualification*, NBA 2nd world Summit on Accreditation 2014(WOSA 2014) NEW DELHI, 08-03-2010 to 10-03-2010

- Resource Person
- - Resource Person in a Workshop on *Bloomâ€™s Taxonomy, Formulation of COs, CO to PO Mapping with Justification*, Mahatma Gandhi Institute of Technology (MGIT), 07-10-2024
- - Resource Person in a Workshop on *Genetic algorithms*, UGC-MMTTC, JNTUH, 13-09-2024
- - Resource Person in a Workshop on *Research Process - Approaches of Investigation of Solutions for Research Problems, Definition of Research 22. Research Methodology & intellectual Property Rights Research Process - Approaches of Investigation of Solutions for Research Problems, Definition of Research Problem and Problem Formulation, Literature Survey, Data Collection, Research Design and Analysis- Basic Principles of Experimental Design and Developing a Research Plan*, SIDDAGANGA INSTITUTION OF TECHNOLOGY Hyderabad, 10-09-2024 to 11-09-2024
- - Resource Person in a Workshop on *A two day Workshop on Ethical Hacking â€˜HACOIGNâ€™*, Vaageswari Engineering College, Karimnagar., 09-09-2024 to 10-09-2024
- - Resource Person in a Workshop on *Harnessing the Power of ICT Integration in Outcome-Based Education.*, S.B. JAIN INSTITUTE OF TECHNOLOGY,MANAGEMENT AND RESEARCH,NAGPUR., 26-08-2024 to 27-08-2024
- - Resource Person in a Workshop on *Machine Learning on IoT*, UGC-MMTTC, JNTUH., 21-08-2024
- - Resource Person in a Workshop on *Outcome Based Education â€" A Continuous Quality Improvement of the Programme*, SRKR Engineering College, Bhimavaram, 17-08-2024 to 21-08-2024
- - Resource Person in a Workshop on *Student Diversity and Inclusive Education*, UGC-MMTTC, JNTUH, 06-08-2024
- - Resource Person in a Workshop on *NEP 2020 : Skill-Based Education in INDIA*, MALAVIYA MISSION TEACHER TRAINING CENTER(MMTTC), 26-07-2024
- - Resource Person in a FDP on *Writing Effective Program Educational Objectives(PEOs) Outcome Based Education FDP*, G.NARAYANAMMA INSTITUTE OF TECHNOLOGY &SCIENCE(For Women)., 08-07-2024
- - Resource Person in a Workshop on *Student Diversity and Inclusive Education*, UGC-MMTTC, JNTUH, 22-06-2024
- - Resource Person in a Workshop on *Student Diversity and Inclusive Education*, UGC-MMTTC, JNTUH, 03-06-2024
- - Resource Person in a Workshop on *Student Diversity and Inclusive Education*, UGC-MMTTC, JNTUH, 25-05-2024
- - Resource Person in a Workshop on *Student Diversity and Inclusive Education*, UGC-MMTTC, JNTUH, 09-05-2024
- - Resource Person in a Workshop on *Invitation to Attend 4th Academic Council Meeting at MCET-Autonomous-Reg*, Methodist College of Engineering and Technology, 01-05-2024
- - Resource Person in a Workshop on *Holistic and Multidisciplinary Education and Choice to Students*, UGC-MMTTC, JNTUH, 25-04-2024
- - Resource Person in a FDP on *FDP on NEP-2020*, CHAITHANYA BHARATHI INISTITUTE OF TECHNOLOGY, 23-03-2024 to 23-03-2021
- - Resource Person in a Workshop on *Holistic and Multidisciplinary Education*, UGC-MMTTC, JNTUH Kukatpally, Hyderabad, 02-03-2024
- - Resource Person in a Workshop on *Research Paper Writing*, G. Narayanamma Institute of Technology & Science Hyderabad., 23-11-2023
- - Resource Person in a Workshop on *AI/ML/DL Approaches for Real Time Applications*, Vellore Institute of Technology, Chennai, Tamil Nadu, India., 09-11-2023
- - Resource Person in a Workshop on *Iot using machine learning*, UGC-MMTTC, JNTUH, 18-08-2023
- - Resource Person in a Workshop on *NEP-2020: Suggestions for Better, Faster and Smoother Implementation in HEIs*, MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, 24-06-2023
- - Resource Person in a Workshop on *National Credit Framework*, NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH(NITTTR) KOLKATA, 03-03-2023
- - Resource Person in a Workshop on *Learner-Centric Pedagogical approaches to meet objectives of NEP-2020*, VALLURUPALLY NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, 25-02-2023
- - Resource Person in a Workshop on *Accreditation: A Way for Eminence Reassurance*, SINHGAD INSTITUTE OF BUSINESS ADMINISTRATION & RESEARCH, 03-02-2023
- - Resource Person in a Workshop on *RAPID PROTOTYPING AND ARTIFICIAL INTELLIGENCE FOR INDUSTRIAL APPLICATION*, St. MARTINâ€™S ENGINEERING COLLEGE, 25-03-2021 to 31-03-2021
- - Resource Person in a Workshop on *Outcome Based Pedagogical Initiatives for Effective Teaching & Learning*, Matrusri Engineering College, Hyderabad, 23-03-2021
- - Resource Person in a Workshop on *Recent Trends in Big Data Analytics-Hadoop*, Dept. of CSE, VITS, Hyderabad, 22-03-2021 to 27-03-2021
- - Resource Person in a Workshop on *â€œRecent Trends in Big Data Analytics-HADOOPâ€• as Resource Person*, VIGNANA INSTITUTE OF TECHNOLOGY & SCIENCE, 22-03-2021 to 27-03-2021
- - Resource Person in a Conference on *Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT)*, IEEE, 19-02-2021 to 20-02-2021
- - Resource Person in a Conference on *Advanced Analysis of Cardiac Image processing using Hybrid Approach*, Shri Shankaracharya Group of Institutions, SSTC Bhilai, Chhattisgarh, 19-02-2021 to 20-02-2021
- - Resource Person in a Workshop on *Capacity building of teachers with Philosophical, Sociological and Psychological perspectives*, NRI Institute of Technology, Agiripalli, 11-02-2021
- - Resource Person in a Workshop on *Deep Learning for Computer Vision*, VisionCog Research and Development private limited, Thiruvananthapuram, 22-12-2020 to 23-12-2020
- - Resource Person in a Workshop on *Art of Research Paper with Case Study*, CBIT, Hyderabad, 18-12-2020
- - Resource Person in a Workshop on *Machine Learning in IoT*, JNTUH COLLEGE OF ENGINEERING JAGITYAL, 11-12-2020
- - Resource Person in a Workshop on *Programming in Internet of Things*, JNTUH COLLEGE OF ENGINEERING JAGITYAL, 23-11-2020
- - Resource Person in a Workshop on *Resource Person for One Week STTP sponsored by AICTE*, PICT, Pune, 28-10-2020
- - Resource Person in a Workshop on *Resource Person for One Week STTP sponsored by AICTE*, PICT, Pune, 26-10-2020 to 31-10-2020
- - Resource Person in a Workshop on *Chief Guest for the Valedictory Ceremony*, BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE, 09-10-2020
- - Resource Person in a FDP on *ISTE - Telangana State section - FDP on outcome based education - Resource Person*, JNTUH CEH, 05-10-2020 to 09-10-2020
- - Resource Person in a Workshop on *Machine learning for IOT*, UGC-HRDC, JNTUH., 18-09-2020
- - Resource Person in a Workshop on *Machine Learning vs Deep Learning*, UGC-HRDC, JNTUH, 15-09-2020
- - Resource Person in a Workshop on *Machine Learning vs Deep Learning*, UGC-HRDC, JNTUH, 15-09-2020
- - Resource Person in a FDP on *1 Week National Level Online FDP on OBE-A Continues Quality Improvement of the Program*, SRKR, Bhimavaram, 17-08-2020 to 21-08-2020
- - Resource Person in a Workshop on *Webinar on Outcome Based Education,*, Jaipur, 22-06-2020 to 26-06-2020
- - Resource Person in a Workshop on *Webinar series on Outcome Based Education*, Manipal University, Jaipur., 22-06-2020 to 26-06-2020
- - Resource Person in a Workshop on *Artificial Intelligence and Machine Learning in Computer Science and Engineering*, VEMU INSTITUTE OF TECHNOLOGY :: P.KOTHAKOTA, 25-05-2020 to 29-05-2020
- - Resource Person in a Workshop on *Enhancement of Anisotropic Diffusion filtered Cardiac MR Images using Contrast based Fuzzy approach*, ICACII, 20-12-2019 to 21-12-2019
- - Resource Person in a Workshop on *Big Data Analysis for Cyber Physical Systems*, SVCE, Tirupathi, 09-12-2019 to 22-12-2019
- - Resource Person in a Workshop on *Big Data Analytics for Cyber Physical Systems: Research Challenges and Opportunities*, SRI VENKATESWARA COLLEGE OF ENGINEERING, 09-12-2019
- - Resource Person in a Workshop on *Research Methodology in Engineering and Technical Writing using LaTeX*, MALLA REDDY ENGINEERING COLLEGE Hyderabad, 17-11-2019
- - Resource Person in a Workshop on *Importance of Accreditation for Technical Education and Development of SAR*, ASTU, Guwahati, 01-08-2019 to
- - Resource Person in a Workshop on *National Workshop on Importance Accreditation for Technical Education -NBA Awareness SAR Filling and Preparedness for Assessment*, ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY, 31-07-2019 to 01-08-2019
- - Resource Person in a Workshop on *Workshop on NBA Awareness-SAR filling & preparedness for assessment*, RCET, BHILAI, 30-07-2019 to 04-08-2019
- - Resource Person in a Conference on *International Conference on Advances In Signal Processing Power , Embedded, Soft Computing , communication and Control Systems*, IFERP ,G.Pulla Reddy, 11-01-2019 to 12-01-2019
- - Resource Person in a Conference on *International Conference on Modern Technologies in Engineering and Science*, ICMTES, 02-06-2017 to 03-06-2017
- - Resource Person in a Conference on *In the first International Conference on Recent Innovations in Engineering and Technology*, Auroraâ€™s Scientific ,Technological and Research Academy Chandrayangutta Hyderarabad, 22-12-2016 to 23-12-2016
- - Resource Person in a Workshop on *Research Approaches Methodology,*, SRR Govt. Arts & Science College, Karimnagar,, 26-10-2016 to 16-10-2016
- - Resource Person in a Workshop on *Refresher Course on Data Mining Techniques,*, UGC-Human Resource Development Centre, JNTU Hyderabad, 24-10-2016
- - Resource Person in a Conference on *IEEE International Conference on Communication and Electronics Systems*, ICCES ,PPG Institute of Technology ,Coimbatore, India, 21-10-2016 to 22-10-2016
- - Resource Person in a Workshop on *Biometric Authenticating System As a Cloud Service*, Varadha Reddy College of Engineering Warangal, 24-05-2016 to
- - Resource Person in a Refresher Course on *An art of Research Publications*, BVRIT, Hyderabad, 17-05-2016 to
- - Resource Person in a Refresher Course on *An art of Research Publications and Research Methodology*, Hyderabad, 17-05-2016 to
- - Resource Person in a Workshop on *Curriculum Enhancement in Higher Education*, Internal Quality Assurance Cell (IQAC) Periyar University, SALEM, 28-03-2016 to 29-03-2016
- - Resource Person in a Conference on *International Conference on Data Engineering and Communication Technology,*, ICDECT, 10-03-2016 to 11-03-2016
- - Resource Person in a Conference on *International Conference on Electrical, Electronics, and Optimization Techniques ISBN No 978-1-4673-9939-5, PP. 2870-2875, 2016*, (ICEEOT) IEEE, 03-03-2016 to 05-03-2016
- - Resource Person in a Conference on *6th IEEE International Advance Computing Conference (IACC-2016)*, SRKR bHIMAVARAM, 26-02-2016 to 28-02-2016
- - Resource Person in a Conference on *2ND International Conference on Intelligent computing, communication & Convergence*, IIMT ,Bhubaneswar , Odisha, 24-01-2016 to 25-01-2016
- - Resource Person in a Conference on *6TH International Conference on SWARM,EVOLUTIONARY AND MEMETIC COMPUTING (SEMCCO-15)*, CMR TECHNICAL CAMPUS (SEMCCO-15), 18-12-2015 to 19-12-2015
- - Resource Person in a Conference on *A two day National Conference on Recent Trends in Science & Technology*, Dept. of CSE, JNTUH College of Engineering Jagtial, 25-02-2015 to 26-02-2015
- - Resource Person in a Workshop on *Research Methodologies and Preparation of Research Proposals*, Dept. Of CSE, CMR Campus, Hyderabad, 24-01-2015
- - Resource Person in a Conference on *International Conference on Emerging ICT for Bridging Future*, CSI Hyderabad, 12-12-2014 to 14-12-2014
- - Resource Person in a Orientation Course on *41st Orientation course on Research Methodologies*, UGC Academic staff College, JNTU Hyderabad, 10-11-2014 to 29-11-2014
- - Resource Person in a Orientation Course on *An art of Research Publications, Faculty Early Induction Program*, JNTU Kakinada, 11-10-2014 to
- - Resource Person in a Orientation Course on *Patent Drafting and Filing Process*, RVR&JC Engineering College ,Guntur, 10-10-2014 to
- - Resource Person in a Workshop on *Workshop on patent filing*, RVR & JC College of Engineering, Guntur, 09-10-2014
- - Resource Person in a Conference on *International Conference on Advanced computer Science and Information Technology*, ICACSIT-Chennai, 28-09-2014
- - Resource Person in a Workshop on *Ethical Hacking*, Vaageswari Engineering College, Karimnagar, 09-09-2014 to 10-09-2014
- - Resource Person in a Workshop on *Outcome Based Education â€" Engineering, NBA Accreditation and Preparation of SAR*, ESCI (Engineering Staff College of India), Hyderabad, 22-08-2014 to 23-08-2012
- - Resource Person in a Workshop on *Outcome Based Education â€" Engineering, NBA Accreditation and Preparation of SAR*, ESCI Engineering Staff College of India, Hyderabad, 22-08-2014 to 23-08-2014
- - Resource Person in a Workshop on *Dynamic Programming Methods for Real Time Applications*, Sree Vidyanikethan, Engineering College, Tirupati, 18-08-2014 to
- - Resource Person in a Refresher Course on *An Art of writing Successful Research Grant Proposals*, Sri Venkateswara College of Engineering Tirupati, 18-08-2014 to
- - Resource Person in a Orientation Course on *Outcome Based Education â€" Engineering*, SreeVidyanikethan, Engineering College, Tirupati, 01-08-2014 to
- - Resource Person in a Conference on *Formulation of Research & Development Initiative for women scientists & Technologists*, ESCI- G Pullaiah College of Engineering Tech, Kurnool, 21-07-2014 to 24-07-2014
- - Resource Person in a Refresher Course on *An art of Writing Successful Research Grant Proposals,Research Opportunities- AICTE &UGC and Formulation of Research & Development Initiatives for Engineering Faculty*, ESCI Engineering Staff College of India in collaboration with G.pullaiah college of engineering and Technology, Kurnool,, 26-06-2014 to 27-06-2014
- - Resource Person in a Workshop on *Formulation of Research & Development Initiative for Engineering Faculty*, ESCI- TEQIP- Siddaganga Institute of Technology, Karnataka, 26-06-2014 to 27-06-2014
- - Resource Person in a Refresher Course on *An art of Writing Successful Research Grant Proposals Research Opportunities- AICTE &UGC Case Study and Formulation of Research & Development Initiatives for Engineering Faculty*, Siddaganga Institute of Technology,Tumkur , Karnataka, 20-06-2014 to
- - Resource Person in a Workshop on *Preparation for NBA Accreditation /(PEOâ€™S &POâ€™s)Preparation of Self Assessment Report (SAR) Exercises/Group Discussion /Case Study*, ESCI Engineering Staff College of India, Hyderabad, 09-06-2014 to 11-06-2014
- - Resource Person in a Orientation Course on *New Outcome based ACCREDITATION*, Pillay Engineering College at Nagapattinam, Tamila Nadu, 01-06-2014 to
- - Resource Person in a Workshop on *Two day Workshop on New Outcome Based Accreditation*, EGS Pillay Engineering College, Nagapattinam, 31-05-2014 to 01-06-2014
- - Resource Person in a Orientation Course on *Preparation of Self Assessment Report â€" NBA(PEO, PO ,CO and Mapping), Preparation for NBA Accreditation / (PEO's & PO's) / Preparation of Self Assessment Report (SAR) / Exercises/ Group Discussion/ Case Study*, ESCI Engineering Staff College of India , Hyderabad, 11-05-2014 to
- - Resource Person in a Workshop on *Outcome Based Education, Three Day workshop on NAAC-NBA Process*, INDUR Institute of Engineering & Technology, 07-05-2014 to
- - Resource Person in a Workshop on *Workshop on NACC â€" NBA Process*, IIET Medak, 05-05-2014 to 07-05-2014
- - Resource Person in a Orientation Course on *Global educational qualification Framework (GEQF) for International Recognition of Qualification*, NBA 2nd world Summit on Accreditation 2014(WOSA 2014), New Delhi, 08-03-2014 to 10-03-2014
- - Resource Person in a Refresher Course on *Global educational qualification Framework (GEQF) for International Recognition of Qualification, NBA 2nd world Summit on Accreditation 2014(WOSA 2014)*, New Delhi, 08-03-2014 to 10-03-2014
- - Resource Person in a Conference on *Enhancing Security of Stored Biometric Template In Cloud Computing Using FEC*, ICCCS ,Tirupati, 18-01-2014
- - Resource Person in a Refresher Course on *An art of Research Publications, Advanced Computing and Pattern Recognition (ACPR-14)*, JNTUH College of Engineering Jagtial, 08-01-2014 to 09-01-2014
- - Resource Person in a Workshop on *Software Offerings to Academics*, School of Information Technology, JNTUH in collaboration with M/S. SP Software Pvt Ltd, 23-11-2013 to
- - Resource Person in a Orientation Course on *Outcome Based Education â€" Engineering*, School of Information Technology, JNTUH, Hyderabad, 01-10-2013 to
- - Resource Person in a Conference on *2nd International Conference on "Advanced Computing Methodologies*, GRIET Hyderabad, 02-08-2013 to 03-08-2013
- - Resource Person in a Refresher Course on *An art of Research Publications and Research Methodology*, Vignan Nirula Engineering College, 01-06-2013 to
- - Resource Person in a Training on *Research Methodology and Concept Drift for Clustering of Categorical Dataâ€•, AICTE Sponsored Two Week FDP on Recent Trends in Global Data Mining & Data Ware Housing*, QIS College of Engineering &Technology,Ongole, 28-05-2013 to
- - Resource Person in a Workshop on *National Level Two day seminar on Biometric Authenticating Systems as Cloud Service*, AICTE-Varadha Reddy College of Engineering, Hyderabad, 24-05-2013
- - Resource Person in a Orientation Course on *Best Practices in Higher Education*, EINDIA2012, Hyderabad, 15-11-2012 to 16-11-2012
- - Resource Person in a Conference on *Digital Learning World Education Summit*, New Delhi 2012, 23-07-2012 to 24-07-2012
- - Resource Person in a Symposium on *International Symposium on Biometrics and Security Technologies ISBN No.978-1-4673-0917-2 , pp.27-34,*, IEEE, 26-03-2012 to 29-03-2012
- - Resource Person in a Workshop on *First World Summit on Accreditation (WOSA 2012)*, NBA, New Delhi,, 25-03-2012 to 28-03-2012
- - Resource Person in a Orientation Course on *Academic Fraud in Higher Education*, NBA 1st world Summit on Accreditation (WOSA 2012), Newdelhi, 25-03-2012 to 28-03-2012
- - Resource Person in a Workshop on *UGC Academic staff College*, Information Retrieval and Recent Development in security concepts, JNTU Hyderabad, 01-06-2011
- - Resource Person in a Refresher Course on *Three week Refresher Course on Recent Advances in Computing*, UGC Academic staff College, JNTU Hyderabad, 30-05-2011 to 18-06-2011
- - Resource Person in a Conference on *3rd International Conference Machine Learning and Computing (ICMLC 2011)*, IEEE Singapore, 26-02-2011 to 28-02-2011
- - Resource Person in a Refresher Course on *Trends in Information System Security*, UGC ASC JNTUH, Hyderabad, 24-09-2010 to
- - Resource Person in a Refresher Course on *Research topics in Software Engineering, Three weeks Refresher course on â€œSoftware Engineering and Design Patterns*, UGC ASC JNTUH, Hyderabad, 24-09-2010 to
- - Resource Person in a Workshop on *Tree week Refresher course on Trends in Information Systems Security*, UGC Academic Staff College, JNTU Hyderabad, 05-07-2010 to 24-07-2010
- - Resource Person in a Workshop on *Two day National workshop on Research perspectives on Artificial Intelligence - A Neural Networks approach*, Vidya Vikas Institute of Technology, Hyderabad, 11-03-2010 to 12-03-2010
- - Resource Person in a Workshop on *One week workshop on Latest Advanced Algorithms*, Thapar university, Patiala, 05-06-2008 to 10-06-2008
- - Resource Person in a Workshop on *NBA Awareness-SAR filling & preparedness for assessment*, RCET, BHILAI, 01-01-1970 to
- - Resource Person in a Workshop on *Research topics in Software Engineering*, UGC-Academic Staff College ,JNTUH Kukatpally , Hyderabad, 01-01-1970
- - Resource Person in a Refresher Course on *An art of Writing Successful Research Grant Proposals Research Opportunities- AICTE &UGC Case Study and Formulation of Research & Development Initiatives for Women Scientists and Technologists*, Engineering Staff College of India(ESCI), Hyderabad.
- - Resource Person in a FDP on *ATAL A five day ONLINE FDP ON DATA SCIENCE*, Dept. of CSE, OU, Hyderabad,
- - Resource Person in a Workshop on *Performance Monitoring Committee*, Vardhaman College of Engineering,

- Participated
- - Participated in a Workshop on *Nomination for the Board of Studies of Computer Science and Engineering Department*, Sri Venkateswara College of Engineering and Technology, 11-01-2021
- - Participated in a Conference on *International Conference on Electrical Engineering and Computer Science*, Hyderabad, 15-05-2016 to
- - Participated in a Workshop on *World Education Summit 2012*, Le Meridian, New Delhi, 23-07-2012 to 24-07-2012
- - Participated in a Workshop on *Mobile Application Development using J2ME and Android*, SIT, JNTUH, Hyderabad,, 15-03-2012 to 17-03-2012
- - Participated in a Orientation Course on *Three day short term course on Question Paper Setting and Evaluation Studentsâ€™ Performance*, NITTTR Chennai, 14-09-2011 to 16-09-2011
- - Participated in a Workshop on *Two day orientation workshop for Chairman/Expertâ€™s of NBA*, JNTUniversity Hyderabad, 29-07-2011 to 30-07-2011
- - Participated in a Workshop on *A Two-Day Workshop on Insight 2009*, INFOSYS, Hyderabad, 06-04-2009 to 07-04-2009
- - Participated in a Workshop on *Advanced computing technologies*, Gokaraju Rangaraju Institute of Engineering & Technology, 01-02-2009 to
- - Participated in a Workshop on *A Three day Workshop on Business Intelligence*, NIT Warangal, 28-01-2008 to 30-01-2008
- - Participated in a Workshop on *One Week Workshop on Free Software*, JNTUniversity and ISTE, Hyderabad, 26-03-2007 to 30-03-2007
- - Participated in a Workshop on *A Three day workshop on Cell Programming*, IIT Mumbai, 20-03-2007 to 22-03-2007
- - Participated in a Refresher Course on *A Three Day course on Personality Development Program in Tata Consultancy Services (TCS)*, TCS, Hyderabad, 22-12-2005 to 24-12-2005
- - Participated in a Workshop on *A Two-Day Workshop on Computer Networks*, Narayanamma Institute of Engineering & Technology, Hyderabad, 20-02-2004 to 21-02-2004

- › Teaching
- - › Operating Systems in CSE II BTECH II SEMESTER (2019)
- - › Data Structures in ECE I year (2016)
- - › Introduction to Analytics in CSE II semester III Year B.Tech (2016)
- - › Intellectual Property Rights in CSE I Semester III Year B.Tech (2015)

- ‣ **Adminstrative Positions Held**
- ‣ Vice-Principal, JNTUH College of Engineering Jagtial, 27 Dec 2016 - Present
- ‣ Director - PG(MCA), GRIET, 01 May 2009 - 06 Jul 2010
- ‣ Head of Department, JNTUHCEJ, 04 Oct 2010 - 03 Nov 2014
- ‣ Head of Department (CSE/MCA), GRIET, 01 May 2002 - 01 May 2009

- ‣ **Project/Research Guidance**

- **Students**

Student Name	Title	Year	Download
G. Srinivasulu	An efficient time_variant categorical data clustering with concept drift detection	2019	
G.M.Beenabethal	Effective analysis of cardiac data using various data mining approaches	2019	
S.B.Ullagaddi	Image Processing in Agriculture for Pathogen Detection and Diagnose of Mango Crop	2018	
KVVVS Reddy	Parallel String Matching Algorithms for Genomics Data	2017	
Sujatha Banothu	Eflex System -A Flexible and Efficient Natural Language Query interface to Database	2017	
Chinta Someswara Rao	Multiple pattern multiple (2N) shaft parallel string matching for genomics data	2017	
J. Sreedhar	Critical Approaches to Identification of Ambiguous Words in Natural Language Processing	2016	
K Butchi Raju	Parallel approach to string matching - a computational approach with N-folded mechanisms	2016	
H. Venkateswara Reddy	Clustering Of Concept-Drift Categorical Data Based On Node Importance Representatives	2015	
KSMV KUMAR	Parallel algorithms for string matching	2015	
D. Seetha Mahalaxmi	Version Based Software Watermarking	2014	
Mortha Manasa Devi	Detection and Conversion of Text In Video using Multi Layer Perceptron	0	
V. Uma Maheshwari	Design of Directional Local Patterns in CBIR for Facial Expression Analysis using Machine Learning Algorithms	0	
Suresh Kumar B	Multilevel automated Video Surveillancealert System Based on Background Substraction Method	0	
P Chinna Venkanna Varma	Performance optimization of hypervisors'€™s network bridge by reducing latency in virtual layers	0	

- ‣ **Countries/Foreign Universities**

- ‣ International conference (ICMLC2011), SINGAPORE RESEARCH PAPER PRESENTATION
- ‣ National Taiwan University of Science and Technology, Taipei, Taiwan , 26-03-2012 to 29-03-2012 RESEARCH PAPER PRESENTATION

- ‣ **Others**
https://www.youtube.com/@RAJUVISWANADHAJNTUH

- ‣ **Downloads**

- ‣ OBE - Student learning Outcomes
- ‣ OBE - Attainment of Course Outcomes and Program Outcomes
- ‣ Outcome Based Education(OBE)

Contact :

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Computer Science & Engineering

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Alternate Email: viswanadha_raju2004@yahoo.co.in