DR. B. SUJATHA

PROFESSOR | CSE(AI&DS)|
Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru

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PROFESSIONAL PROFILE

Academic and research professional with over 24 years of experience in higher education, encompassing teaching, academic administration, institutional leadership, accreditation, research management, and doctoral supervision. Currently serving as Professor at Seshadri Rao Gudlavalleru Engineering College since 2 November 2026, following previous service as Dean – Research at Godavari Global University. Experienced in academic governance, departmental leadership, doctoral programme administration, Chairpersonship of the Board of Studies, faculty mentoring, curriculum development, quality assurance, and multidisciplinary research coordination.

Research interests include Image Processing, Computer Vision, and Machine Learning. Published over 40 journal papers and 30 conference papers, contributed chapters to Springer books, and gained experience in funded research and doctoral research guidance. Committed to advancing academic excellence, research innovation, and institutional development.

PROFESSIONAL EXPERIENCE (21 years 7 Months@ GIET (A) |GGU)

Dean – Research | Godavari Global University, Rajamahendravaram
30 March 2026 – 31.10.2026

- Lead research-related academic and administrative activities, including doctoral programme processes, scholar records, research guidance coordination and research ecosystem development.
- Coordinate with schools, departments, supervisors and doctoral scholars on research governance, academic procedures and research milestones.

Professor & In-charge Dean, School of Computing | Godavari Global University, Rajamahendravaram
1 April 2024 – 29 March 2026

- Provided academic and administrative leadership for the School of Computing and supported teaching, research and institutional activities.

Professor, Department of CSE| Godavari Institute of Engineering & Technology (Autonomous), Rajahmundry
1 April 2013 – 31 March 2024

- Led academic, departmental and research activities and guided UG, PG and Ph.D. projects.
- Ratified as Professor in CSE by JNTUK, Kakinada, on 10 July 2015.

Associate Professor, Department of CSE | Godavari Institute of Engineering & Technology (Autonomous), Rajahmundry
1 June 2005 – 31 March 2013

- Ratified as Associate Professor in CSE by JNTUK in 2010.

Assistant Professor | Godavari Institute of Engineering & Technology (Autonomous), Rajahmundry
1 February 2005 – 31 May 2005

- Ratified as Assistant Professor in CSE by JNTU Hyderabad in 2007.

Assistant Professor | Lenora Engineering College, Rampachodavaram
June 2002 – January 2005

ACADEMIC QUALIFICATIONS

- Ph.D., Computer Science, University of Mysore, Mysore, 2013. Thesis: "Novel Approaches for Rotationally Invariant Texture, Analysis and Classification".
- M.Tech., Computer Science & Technology, Andhra University, Visakhapatnam, June 2002.
- B.Tech., Civil, Jawaharlal Nehru Technological University (JNTU), Kakinada, 1993–1997.

RESEARCH PROFILE

- Research interests: Image Processing, Computer Vision and Machine Learning.
- UGC-RGNF Fellowship (2012) for full-time Ph.D. study: ₹12,00,000.
- Completed UGC-SERO funded project: "Recognition of Anatomical Shapes in Medical Imaging System Based on Structural Approach"; approved amount ₹3,40,484; project period 26 December 2012 – 25 December 2016; Reference No. F. MRP-5473/14 (SERO/UGC).
- Doctoral guidance:

  One scholar completed the Ph.D. at JNTUK on 8 September 2026.
  One scholar submitted the Ph.D. thesis to JNTUK on 30 August 2026.
  One scholar is awaiting thesis submission.
  Two additional scholar are pursuing Ph.D. at JNTUK.
  Six scholars are currently pursuing Ph.D. at Godavari Global University.

- Researcher IDs: Scopus ID: 55565957400 | Web of Science Researcher ID: AEY-1680-2022 |
  Google Scholar: https://scholar.google.co.in/citations?user=-nNNdEcAAAAJ&hl=en
  Vidwan-ID: 451704, https://vidwan.inflibnet.ac.in/profile/451704
  LinkedIn: https://www.linkedin.com/in/sujatha-birudu-9535727a/

ACADEMIC LEADERSHIP & INSTITUTIONAL CONTRIBUTIONS

- Head of the Department of CSE – departmental academic leadership, faculty mentoring and development.
- Chairman, Board of Studies, Department of CSE.
- NAAC Coordinator.
- SPOC, TCS-iON online examinations, since October 2020.
- Convener, Grievance Redressal Committee, GIET(A), Rajahmundry.
- Management of teaching-learning activities and coordination of academic processes.
- Guidance of UG, PG and Ph.D. research projects.
- Organisation of seminars, conferences, guest lectures and faculty/staff training programmes.
- Coordination of laboratory development and academic programme activities.

HONORS & AWARDS

- JNTUK Appreciation Award for Teachers, 20 August 2024.
- National Award – "Uthama Acharya Puraskar", Nava Bharat Nirmaan, 2 October 2019.
- Best Academic Performance Award, GIET, 2009, 2010 and 2011.
- Management appreciation for long-standing academic performance and service.

PROFESSIONAL MEMBERSHIPS

- Life Member, Indian Science Congress Association (ISCA), LM-14070.
- Life Member, International Association of Engineers (IAEng).

- Life Member, Indian Red Cross Society.

JOURNAL PUBLICATIONS

1. An Enhanced Attention-Based Deep Learning System for Text Detection and Information Retrieval from Images: Exploiting Transformer Architectures and Multi-Modal Fusion, Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications, vol. 17, no. 1, pp. 726, 2026. DOI: 10.58346/JOWUA.2026.I1.040.
2. "ClinXAI-Net: A Rule-Guided Hybrid CNN–Transformer Explainable AI Framework for Robust Real-Time Diagnosis in High-Resolution Medical Imaging," Journal of Theoretical and Applied Information Technology, JATIT, Vol.104, No.16, 2026.
3. Integrated GRU-LSTM Model with Sentiment for Forex Prediction, Archives for Technical Sciences, vol. 2026-May, no. 35, pp. 642, 2026. DOI: 10.70102/afts.2026.1835.642.
4. Time Series Data Analysis and Prediction of Stock Prices Using Deep Learning Models, Journal of Internet Services and Information Security, vol. 15, no. 2, pp. 499, 2025. DOI: 10.58346/JISIS.2025.I2.035.
5. Emotion detection in text: advances in sentiment analysis, International Journal of System Assurance Engineering and Management, vol. 16, no. 2, pp. 552, 2025, Springer. DOI: 10.1007/s13198-024-02597-0.
6. Time Series Analysis for Air Pollution Prediction in High-Intensity Development Areas using Deep Learning, IJST, 2024.
7. TIE – Text Information Extraction from Natural Scene Images Using SVM, Measurement: Sensors, Volume 33, June 2024, 101018. DOI: 10.1016/j.measen.2023.101018.
8. Academic feedback system automation for an educational organization, Journal of Engineering Education Transformations, 2022, Volume 36, Special Issue 1, Pages 141–147. DOI: 10.16920/jeet/2022/v36is1/22185.
9. Retinal Blood Vessel Segmentation Using ROI Detection and PCA Classification, Advances and Applications in Mathematical Sciences, Volume 20, Issue 11, September 2021, Pages 2493–2499.
10. Automatic Vehicle Number Plate Recognition System Using Machine Learning, IOP Conference Series: Materials Science and Engineering 1074 (2021) 012012. DOI: 10.1088/1757-899X/1074/1/012012.
11. Voice Recognition System through Machine Learning, International Journal of Innovative Technology and Exploring Engineering, Volume 8 Issue 10, August 2019. DOI: 10.35940/ijitee.J1072.0881019.
12. An efficient block based feature level image fusion technique using wavelet transform and neural network, International Journal of Computer Applications, 52(12):13–19, 2012. DOI: 10.5120/8253-1780.
13. An Improved Block Based Feature Level Image Fusion Technique using Multi wavelet Transform with Neural Network, Journal of Advanced Research in Dynamical & Control Systems, Vol. 11, 01-Special Issue, 2019.
14. Rough set based decision rule generation to find behavioral patterns of customers, Sadhana, Vol. 41, No. 9, September 2016, pp. 985–991. DOI: 10.1007/s12046-016-0528-1.
15. Path Planning Technique to Reduce Computational Latency, Volume 3, Special Issue 4, July 2017, pp. 91–98, International Journal for Modern Trends in Science and Technology.
16. Improving Network Performance and QoS in MANET, Volume 3, Special Issue 4, July 2017, pp. 79–82, International Journal for Modern Trends in Science and Technology.
17. Collision Tolerant and Collision Free Packet Scheduling for Underwater Acoustic Localization, Volume 3, Special Issue 4, July 2017, International Journal for Modern Trends in Science and Technology.
18. Discovering Fraud Apps in Facebook Using Frappe in Mobile Apps, Vol. 1, Issue 1, pp. 154–160, 2016, International Journal of Interdisciplinary Engineering.

19. Attribute Based Key Aggregate Searchable Encryption for Data Sharing in a Group Using Cloud, Vol. 1, Issue 1, pp. 82–88, 2016, International Journal of Interdisciplinary Engineering.

20. Fast Iterative Graph with Block Updates for Parallel Graph Computation, Vol. 1, Issue 1, pp. 16–19, International Journal of Interdisciplinary Engineering.

21. Secure Data Sharing in Cloud Storage with KAC, IJRECS, ISSN 2321-5485 (Online), 2321-5784 (Print).

22. Information Transmission Utilizing Secure Protocol for Unconstrained Wireless Ad Hoc Networks, Sep–Oct 2015, V-5, I-2, IJRECS.

23. A Novel Approach for Adaptive Software Testing in the Perspective of an Improved Management Methods, Vol. 04, Issue 53, December 2015, pp. 11457–11461, International Journal of Scientific Engineering & Technology Research.

24. A New Unsupervised Algorithm for Medical Image Segmentation, International Journal of Engineering & Science Research.

25. Protecting Host-Based Intrusion Detectors Through Virtual Machines, Volume 5, Issue 2, November 2015, Journal of Network Communications and Emerging Technologies.

26. Two Techniques for Analyze Network Traffic to Identify DoS Attack, Vol. 4, Issue 10, October 2015, International Journal of Research in Computer and Communication Technology.

27. Effect of Expansion Joints On Dynamic Analysis Of Structure, Vol. 4, Issue 2, pp. 116–124, 2014, International Journal of Science Engineering and Advance Technology.

28. Performance measures for Image Fusion based on Top-hat transform and Wavelet transform, Vol. 2, No. 2, 2014, International Journal of Smart Business and Technology.

29. Directional Correlation-Dependent Filtering Technique for Removal of Impulse Noise, August 2014, Vol. 7, No. 4, pp. 85–92, SERSC/IJSIP.

30. WaSS: A Novel Hybrid Method for Object Recognition Using Wavelet based Statistical and Structural Approaches, 2014, Vol. 11, Issue 4, No. 2, pp. 115–118, IJCSI.

31. A new approach for recognition of mosaic textures by LBP based on RGB model, 2013, Vol. 4, No. 1, AIRCC Publishing/SIP.

32. Texture classification using texton co-occurrence matrix derived from texture orientation, 2013, Vol. 2, Issue 6, IJSCE.

33. An Efficient Representation of Shape for Object Recognition and Classification using Circular Shift Method, 2013, Vol. 4, Issue 12, IJSER.

34. A new logical compact LBP co-occurrence matrix for texture analysis, 2012, Vol. 3, Issue 2, IJSER.

35. An efficient block based feature level image fusion technique using wavelet transform with Neural Network, 2012, Vol. 52, No. 12, ACTA Press/IJCA. DOI: 10.5120/8253-1780.

36. Extraction of texture information from fuzzy run length matrix, 2012, Vol. 55, No. 14, IJCA. DOI: 10.5120/8722-2594.

37. Image Classification based on centre symmetric Fuzzy Texture Unit Matrix, 2012, IJSER.

38. A new approach for texture classification based on Average Fuzzy Left Right Texture Unit Approach, 2012, Vol. 11, MEC's/IJIGSP. DOI: 10.5815/ijigsp.2012.12.08.

39. A novel texture synthesis on patch matching by fuzzy texture unit, 2012, Vol. 4, Issue 1, IJCSE.

40. Texture classification based on Texton features, 2012, Vol. 4, Issue 8, MEC's/IJIGSP. DOI: 10.5815/ijigsp.2012.08.05.

41. Rotationally invariant texture classification using LRTM based on fuzzy approach, 2011, Vol. 33, Issue 4, IJCA.

42. Morphological primitive patterns with grain components on LDP for child and adult age classification, 2011, Vol. 21, Issue 3, IJCA. DOI: 10.5120/2488-3357.

43. Integrated framework for texture classification using statistical and structural approaches, 2011, Vol. 13, Issue 12, IJAEST.

44. A study on implementation of advanced morphological operations, 2010, Vol. 10, Issue 3, IJCSNS.

45. Texture classification based on Random Threshold Vector Technique, 2010, Vol. 5, Issue 1, SERSC/IJMUE.

46. Classification of Child and Adult Based on Geometric Features of Face Using Linear Wavelets, 2010, Vol. 1, Issue 3, SERSC/IJSIP.

47. Texture classification based on Extraction of Skeleton primitives using Wavelets, 2008, Vol. 7, Issue 6, Information Technology Journal. DOI: 10.3923/itj.2008.883.889.

BOOK CHAPTERS

1. Enhanced Air Quality Index Forecasting Using Bidirectional LSTM Networks, Lecture Notes in Networks and Systems, vol. 1541 LNNS, 2026. DOI: 10.1007/978-981-96-9494-5_3.

2. Intelligent Driver Monitoring System Using Visual Behavior and Machine Learning for Drowsiness Detection, Lecture Notes in Networks and Systems, vol. 1318 LNNS, 2025. DOI: 10.1007/978-981-96-3939-7_21.

3. Infrastructure Resiliency in Cloud Computing, Chapter 14, Lecture Notes on Data Engineering and Communications Technologies, vol. 163, Springer Nature. DOI: 10.1007/978-981-99-0609-3_1.

4. An In-Depth Convolution Neural Network for Chest X-Ray Image Assessment Using CXRIA-Net, Lecture Notes in Networks and Systems, vol. 1107 LNNS, 2024. DOI: 10.1007/978-981-97-6581-2_40.

5. A Unique Security Model for Privacy Preserving Using Hash Machine Learning in Cloud IoT Systems, Lecture Notes in Networks and Systems, vol. 1056, 2024. DOI: 10.1007/978-981-97-4892-1_20.

6. "Real-Time Lane Object Detection Using CLRNet, SCNN, and YOLO." In: Asokan, R., Ruiz, D.P., Păvăloaia, V.D. (eds) Smart Data Intelligence. ICSMDI 2025. Algorithms for Intelligent Systems. Springer, Singapore. DOI: 10.1007/978-981-96-5265-5_21.

7. "Hybrid AI Framework for Accurate Diagnostics: Merging Deep Learning with Rule-Based and Explainable Techniques Across Imaging Modalities," ICPEEV 2025, IEEE, DOI: 10.1109/ICPEEV67897.2025.11291270.

8. "Dark Web Classification with TextCNN and Topic Modeling Weight Approach." In: Intelligent Strategies for ICT. ICTCS 2025. Lecture Notes in Networks and Systems, vol. 1891. Springer, 2026. DOI: 10.1007/978-3-032-20609-1_23.

9. "Multilingual Subtitle Generator for Unscripted Videos Using Audio Visual Cues." In: Smart Trends in Computing and Communications. SmartCom 2026. Lecture Notes in Networks and Systems, vol. 1960. Springer, 2026. DOI: 10.1007/978-3-032-25483-2_4.

10. "Comic Crafter: AI-Augmented Comic Book Creation and Narrative Generative System." In: Smart Trends in Computing and Communications. SmartCom 2026. Lecture Notes in Networks and Systems, vol. 1994. Springer, 2026. DOI: 10.1007/978-3-032-27160-0_12.

11. "Enhanced Air Quality Index Forecasting Using Bidirectional LSTM Networks," Lecture Notes in Networks and Systems, vol. 1541, 2026. DOI: 10.1007/978-981-96-9494-5_3.

12. Indian Patent: "Jellyfish Chicken Swarm Optimizer based Convolutional Neural Network with transfer learning for Recognizing Text in Complex Images." Authors: Thuraka Gnana Prakash, B. Sujatha, L. Sumalatha. Publication date: 12 December 2025.

CONFERENCES

1. Hybrid AI Framework for Accurate Diagnostics: Merging Deep Learning with Rule-Based and Explainable Techniques Across Imaging Modalities," Proceedings of the 2025 3rd International Conference on Cyber Physical Systems, Power Electronics and Electric Vehicles, ICPEEV 2025, 2025, Institute of Electrical and Electronics Engineers Inc., doi: 10.1109/ICPEEV67897.2025.11291270.
2. Multi-Stage Weed Detection Using Lightweight Machine Learning Models for Precision Agriculture," IC-DECON 2025 - 2025 International Conference on Data, Energy and Communication Network, Proceedings, 2025, Institute of Electrical and Electronics Engineers Inc., doi: 10.1109/DECoN67170.2025.11447956.
3. Face Sketch Construction and Recognition," 2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025, pp. 1151, 2025, Institute of Electrical and Electronics Engineers Inc., doi: 10.1109/IC3ECSBHI63591.2025.10991176.
4. Advanced Machine Learning Techniques for Proactive Intranet Security and Threat Detection," 6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025, 2025, Institute of Electrical and Electronics Engineers Inc., doi: 10.1109/RAIT65068.2025.11088948.
5. An efficient load balance efficiency technique for cloud business environment," AIP Conference Proceedings, vol. 3342, no. 1, 2025, American Institute of Physics, doi: 10.1063/5.0297163.
6. Analysis on an effective system for automatic malware identification built on deep learning techniques," AIP Conference Proceedings, vol. 3342, no. 1, 2025, American Institute of Physics, doi: 10.1063/5.0296261.
7. Strengthening Web Phishing Detection Against Adversarial Techniques," 3rd International Conference on Automation, Computing and Renewable Systems, ICACRS 2024 - Proceedings, pp. 609, 2024, Institute of Electrical and Electronics Engineers Inc., doi: 10.1109/ICACRS62842.2024.10841615.
8. Revealing Image Deepfakes: A Convolutional Neural Network Approach Leveraging VGG-16 Mode, Proceedings - 2024 International Conference on Social and Sustainable Innovations in Technology and Engineering, SASI-ITE 2024, 2024, pp. 219–223, https://www.scopus.com/authid/detail.uri?authorId=59258882600.
9. Real-Time Sign Language Translation through Deep Learning," Algorithms in Advanced Artificial Intelligence, pp. 319, 2024, CRC Press, doi: 10.1201/9781003529231-48.
10. Intracranial hemorrhage detection in human brain using deep learning, AIP Conference Proceedings, vol. 2492, 2023, American Institute of Physics Inc., doi: 10.1063/5.0131258.
11. Time series analysis of stock price movements: Insights from data mining using machine learning, AIP Conference Proceedings, vol. 2492, 2023, American Institute of Physics Inc., doi: 10.1063/5.0117417.
12. Classification of genetic mutations for cancer treatment using machine learning approaches," AIP Conference Proceedings, vol. 2492, 2023, American Institute of Physics Inc., doi: 10.1063/5.0113572.
13. Assessment and evaluation of online education during COVID - 19 pandemic in India," AIP Conference Proceedings, vol. 2492, 2023, American Institute of Physics Inc., doi: 10.1063/5.0115386.
14. Speech emotion recognition using deep learning," AIP Conference Proceedings, vol. 2492, 2023, American Institute of Physics Inc., doi: 10.1063/5.0115383.

15. Iris-Based Human Identity Recognition Using Transfer Learning Approach in FICTA-2023 held at Cardiff School of Technologies, Cardiff Metropolitan University, Cardiff, UK, 11th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2023), April 11 - 12, 2023.
16. FSVM: Time Series Forecasting Using Fuzzy Support Vector Machine in FICTA-2023 held at Cardiff School of Technologies, Cardiff Metropolitan University, Cardiff, UK, 11th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2023), April 11 - 12, 2023.
17. Deep Learning Framework for the Detection of Invasive Ductal Carcinoma in FICTA-2023 held at Cardiff School of Technologies, Cardiff Metropolitan University, Cardiff, UK, 11th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2023), April 11 - 12, 2023.
18. Deep learning model for recognizing text in complex images, Machine Learning Technologies and Applications pp 299–309. https://link.springer.com/chapter/10.1007/978-981-33-4046-6_29
19. Emotion Analysis Using Deep Learning, Proceedings of the International Conference on Electronics and Sustainable Communication Systems, ICESC 2020, DOI: 10.1109/ICESC48915.2020.9155948. https://ieeexplore.ieee.org/document/9155948
20. Dr.B. Sujatha et al "SALA-An Integrated Framework for Speech Recognition Using Lexical Analyzer", ICSTCEE-2020, ISBN: 978-1-7281-7213-2, IEEE. https://ieeexplore.ieee.org/document/9276996
21. Dr.B. Sujatha et al "ResNet: Detection of Invasive Ductal Carcinoma in Breast Histopathology Images Using Deep Learning", International conference on Electronics and Sustainable Communication Systems (ICESCS 2020). 28-30 April, 2020. (IEEE), https://ieeexplore.ieee.org/document/9155805
22. Dr.B. Sujatha et al "Image Fusion Technique Using Gaussian Pyramid", Recent Trends in Image Processing and Pattern Recognition, Second International Conference, RTIP2R 2018, Solapur, India, December 21–22, 2018 (Springer), https://dblp.org/db/conf/rtip2r/rtip2r2018-1.html
23. Dr.B. Sujatha et al. "DCT Domain Image Fusion Technique using Gaussian Pyramid", 6th International Conference on Innovations in Electronics & Communication Engineering, ICIECE – 2017 at Guru Nanak Institutions, Ibrahimpatnam, Hyderabad Telagana State, July 21st & 22nd, 2017. https://www.springerprofessional.de/en/image-fusion-technique-using-gaussian-pyramid/16966528
24. Dr.B. Sujatha et al. "An Efficient Region Filling using Mathematical Morphology", Int. Conf on Digital India in Global IT Spectrum, DIGITS-2017, CSI, Visakhapatnam, Vizag, February 24th and 25th, 2017.
25. Dr.B. Sujatha et al. "A Novel Approach For Information Preserving Shape Representation By Using Hit-Or-Miss Operation", 3rd Int. Conf. on Communications, Signal Processing Computing And Information Technologies, ICCSPCIT-2014, ISBN: 978-93-83038-27-5, December 26-27, 2014 at Hyderabad. http://www.3pixels.in/MRCET/ICCSPCIT-2014.pdf
26. Dr.B. Sujatha et al. "Frequency Of Changes Of Shape Primitives In Original And Morphological Binary Wavelet", 3rd Int. Conf. on Communications, Signal Processing Computing And Information Technologies, ICCSPCIT-2014, ISBN: 978-93-83038-27-5, Malla Reddy College of Engineering Technology, Hyderabad, December 26-27, 2014 at Hyderabad. http://www.3pixels.in/MRCET/ICCSPCIT-2014.pdf

27. Dr.B. Sujatha et al. “FTBSW- fuzzy shaped texton binary shape window”, Int. Conference on Sustainability of Digital Libraries ICSDL-2014, UGC-Academic Staff College Auditorium, JNTU Hyderabad Campus, 25th - 27th September, 2014
28. Dr.B. Sujatha et al. “Fuzzy rule based edge detection for object and texture”, Int. Conf. on Advanced Computer Technology Development, ICACTD-2014, GIET, Rajahmundry, 18th-19th, July, 2014.
29. Dr.B. Sujatha et al. “A novel boundary for shape representation and classification”, 4th IEEE Int. Conf. on Computing, Communication and Networking Technologies ICCNT-2013, Vivekananda College of Engg. for Women, Chennai, 4th-6th, July, 2013.
30. Dr.B. Sujatha et al. An Analysis of Thinning & Skeletonization Approaches based on various preprocessing methods”, Int. Joint Journal Conf. on Engineering & Technology IJJCET-2010 (ISBN: 978-81-907153-6-2), Thuruvalluvar College of Engineering & Technology, Bangalore, Dec, 2010
31. Dr.B. Sujatha et al. “Texture Classification with Feature Distributions”, International Conference On Emerging Trends In Signal Processing And VLSI, Guru Nanak Engineering College, Ibrahimpatnam, Hyderabad, June 11-13th, 2010
32. Dr.B. Sujatha et al. “Texture Segmentation By Estimating Significant Segment Using Probability Density Function”, International Conference On Emerging Trends In Signal Processing And VLSI, Guru Nanak Engineering College, Ibrahimpatnam, Hyderabad, June 11-13th, 2010
33. Presented a paper titled “Global and local linear significant binary pattern for a robust and rotational invariant classification”, National Conference on Emerging Trends in Information Technology, NCETIT-2013, March 29-30, 2013. Published in ELSEVIER, Apr’2013. ISBN: 9789351070542.
34. Presented a paper titled “Classification of Textures based on Patterns”, National Conf. on Advanced Computing and Communication Technologies NCACCT-2011, PBR VITS, kavali, March 12th &13th, 2011.
35. Presented a paper titled “Recognition of Stone Textures Based on Structural Primitive Patterns on A 3-D Space”, National Conference on Information Technology Enabled Services, Nannayya University, Rajahmundry, October 22nd & 23rd, 2010.
36. Presented a paper titled “Robust digital watermarking using Contourlet Domain”, National Conference on Informatics-2008, Narayana Engg. College, Nellore, Dec 27, 2008.
37. Presented a paper titled “Applications of Wavelets in Data Mining”: (presented on 21-01-2008), in Gudlavalleru Engg. College, Data mining-Clustering techniques-an overview- AICTE sponsored, Jan 20- 21, 2008.

Dr. B. Sujatha