Department of CSE-Data Science

Faculty Profile

Name	: Dr. V. VENKATA KRISHNA	
Designation	: Professor (CSE-DS), Principal.	
Qualification	: M. Tech., Ph. D.	
Total Experience	: 25 years	
JNTUH ID	:	
AICTE ID	:	
E-Mail	: vakula.krishna@gmail.com	
Specialization	: Computer Networks, Computer Graphics, Operating Systems, Data Communication, Digital Image processing	

Achievements:

No. of Scholars	:	
a) Awarded with Ph.D.	:	07
b) Working for Ph.D.	:	03
No. of M.Tech Projects guided	:	25
Awards received	:	Best Research Award by JNTU,Kakinada Best Teacher Award by JNTU,Kakinada
Membership of Professional bodies	:	ISTE, Indian Science Congress, Red cross

Member Curriculum development Bodies (such as BOS)	:	1. BOS Chairman for CSE & IT, VJIT (Autonomous) 2. Member, BOS, CSE RGMCET (Autonomous) Nandyala., KMIT, Hyderabad Lords college of Engineering, Hyderabad Stanley college of Engineering (women), Hyderabad.
Other distinctions	:	1. **NAAC Peer team Member.** 2. Published **articles in newspapers** on Engineering Education. 3. Appointed as Member **NSS advisory board** JNTUK Kakinada. 4. Attended 1st**World Summit on Accreditation (WOSA-2012)** 5. **Ratified** by JNTUK& JNTUH as Professor and principal

Publications:

1. A New Method of Texture Classification using various Wavelet Transforms based on Primitive Patterns international journal of Graphics, Vision and image Processing, Vol.8, issue 2, pp. 21-27, 2008.

2. Statistical Texture Primitive Extraction Using Different Wavelet Transforms international journal of Mathematical Sciences and Engineering Applications on 15-08-2008.

3. An innovative Technique of Texture Classification and Comparison Based on Long Linear Patterns Using Wavelets International Journal of Graphics, Vision and Image Processing on 02-09-2008

4. "Employing Long Linear Patterns for Texture Classification relying on Wavelets" International journal on Graphics vision and image processing. Vol 8.issue V. p.no. 13-21, January 2009.

5. "Texture based image indexing and Retrieval", International Journal of Computer Science and Network Security, Vol.9. No.5.pp.206-210, May 2009. (Available in the Internet

6. "Integrated Histogram Bin Matching for Similarity Measures of Color Image Retrieval" International of signal Processing and Pattern Recognition Vol. 2, No.3, September 2009.

7. A new Morphological Approach for Noise Removal cum Edge Detection, International Journal of Computer Science Issues, IJCSI Republic of Mauritius Vol.7, Issue 6, Nov 2010 PP 187-190,Nov 2010.

8. A new Morphological Approach for Recognizing Numerals Using Synthesis Method, International Journal of Computer Engineering and Computer Application. IJCECA Vol. 03, Issue No 01,pp 36-45 April 2010-June 2010, summer Edition 2010, April 2010.

9. Extraction of Shape components for Classification of Textures Based on Texture Elements, International Journal of Computer Science and Network Security. IJCSNS, Vol.11 No.2, February 2011, pp 114-120, Feb 2011.

10. Morphological Shape Feature for classification of textures based on fuzzy texture element, International Journal of Computer Applications, IJCA, Accepted, will be published on 30.04.2011, April, 2011.

11. Local content based image authentication for temper localization, International Journal of Image, Graphics and signal processing, IJIGSP,2012,9,30-36

12. Image content authentication based o Wavelet Edge Features, International Journal of Computer Applications.volume49-no-23 July 2012

13. Secure and Robust Digital Watermarking On Grey Level Images. International journal of Advanced Science and technology Vol. 11. October, 2009

14. An Improved Iterative Morphological decomposition Approach for image Skeletonization. ICGST-GVIP Journal, Volume 8,Issue 1, June 2008

15. Classification of Metals Using Texture Features. International Journal Of Computer Science and Technology IJCST, Oct- Dec 2013

16. A New Approach of Providing Data Security in the Cloud.   Journal of Computing Technologies(ISSN : 2278 – 3814)/ #26/ volume 3, issue 2, Feb 2014

17. The future version of IP – IPV6. International journal of Engineering And Computer Science. Vol 03. Issue 09 September 2014. ISSN 2319-7242

18. Facial Recognition using the combination of significant non uniform local binary patterns. ICGST- Graphics Vision and Image Processing. ISSN 1687-398X

19. Face recognition using prominent LBP model. International Journal of applied Engineering Research (IJAER). ISSN 1087-1090

20. "Face Recognition using Multi Region Prominent LBP representation", Journal of Information Processing Systems, ISSN: 2092-805X, Communicated, July-2015.

21. A Method for Facial recognition based on local features. International Journal of Mathematics and Computation (IJMC) ISSN: 0974-570X

22. Segmentation using Morphological and Edge Based Techniques. International   Journal of Innovative Research in Science, Engineering and Technology. ISSN 2319-8753.

23. The future configuration version protocols of global and private IP- IPV6 security features. International Journal of research science & management. ISSN 2349-5197

24. Classification of Metals using texture features. International Journal of Computer science & Engineering Technology. ISSN 2229-4333.

25. Image Retrieval based on LBP transitions. International Journal of Computer Applications. ISSN 0975-8887

26. Texton based image retrieval using indexed LBP transitions. International Journal of Computers & Technology Vol 13.ISS 12 2014 OCT ISSN 2277-3061.

27. A Dynamic transform Noise resistant local binary pattern for age classification IJAR Vol 11, ISS.10, 2016 ISSN 0973-4562

28. Super resolution image generation using wavelet domain interpolation with edge extraction via a sparse representation. IJSET VOL 2. ISS.8 2015 ISSN 2348-7968.

29. Single Image super Resolution using Dictionary based local regression. AJSCS VOL 1 ISS.4 127 -139 2015 June ISSN 2319-7277

30. The high Quality of data mining in data ware house information processing infrastructure. Mc Stanford Journal of International Management VOL 1 ISS 18 ISSN 2321-1652

31. Age classification based on rotational Invariant Features. Journal of Theoretical and applied Information technology 20th March 2016 VOl 85 No.2 ISSN 1992-8645.

32 .Classification of Child and Adulthood Using GLCM Based on Diagonal LBP.

33. Face Recognition Approaches: A Survey International Journal of Engineering & Technology, 7 (4.6) (2018) 117-121 International Journal of Engineering & Technology

34. Advanced Local Direction Cross Diagonal Matrix. International Journal of Control and Automation Vol. 12, No.6, (2019), pp. 795 – 819 , ISSN: 2005-4297 IJCA (SCOPUS)

Presentations in International Conferences:

1. A new Supervised Algorithm for texture segmentation at MAP_ASIA international Conference held at Kula Lampur, Malaysia 13-15 October 2003

2. Texture classification based on morphological patterns – international conference on Environment Management – Hyderabad; on 19th and 20th December 2003.

3. "Marble and granite texture classification based on moment measures" international Technology Convention (ITC) – 1999, organized by DSRF, NIRSA, IICT, IAMR, Hyderabad.

4. "Image segmentation based on unsupervised algorithm", International Technology Convention (ITC)- 1999, organized by DSRF' NIRSA, IICT, IAMR Hyderabad.

5. "Characterization of marble and granite textures using edge detection techniques" international Conference on Geographical information Systems and Remote Sensing Applications – ICORG- 1997.

6. "Using of combinatorial for texture segmentation" ISRS Symposium on remote sensing Application for natural resources-December 15-17-1999, Bhubaneswar.

7. "Measuring of homogeneity of leaf textures using information loss" – International Conference on industrial pollution and control technologies, ICIP ACT 2001

8. Leaf texture features based on gray level symmetries, International Conference on industrial pollution and control technologies (ICIP ACT-2001), 7t-1012/1/2001

9. Classification of textures based on distance function of linear patterns using mathematical morphology.International conference on environmental management by JNTU Hyd. 30th oct 2005

10. Unsupervised Texture segmentation for identification of different regions .International conference on environmental management by JNTU Hyd. 30th oct 2005

11. Developing a Dynamic web recommendation System based on Incremental Data Mining, 3rd International Conference on Electronics Computer Technology(ICECT 2011) April 8-10,2011.

12. A New Face Recognition Method by Extracting Morphological Primitive Patten with Grains on LDP, International conference at MNNIT, Communicated.

13. Morphological Based Edge Detection Using Scaled Structuring Elements, 1st International Conference on Emerging Trends in signal Processing and VLSI Design, Published pp 463-468, July 2010.

14. Developing a Dynamic web recommendation System based on Incremental Data Mining, 3rd International Conference on Electronics Computer Technology (ICECT 2011), April 8, 2011.

15. Digital Image Authentication Based On Threshold values. International conference on Emerging Trends in Signal Processing and VLSI Design, Gurunank College of engineering, 2010

16. "Block Based Watermarking for Image Authentication using Statistic Approach" International conference on Recent Advances in Computer Sciences, GIET, Rajahmundry. Mar 2012.

17. FACIAL RECOGNITION BASED ON STRAIGHT ANGLE FUZZY TEXTURE UNIT MATRIX 2017InternationalConference On Big Data Analytics and computational intelligence (ICBDACI)