

BIO-DATA



1. Name : Dr. V.VENKATA KRISHNA
2. Father's Name : Sri V.V. N. CHARYULU
3. Designation : DEAN (COMPUTER SCIENCE)
4. Department : COMPUTER SCIENCE & ENGINEERING
5. Date of Birth : 21-07-1963
6. Address : B-1303, Raja Puspha Regalia
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09. Qualification

Examination/ Degree	University/Board	Institution	Year	Specialization
S.S.C	Board of Secondary Education	Visvodaya boys high school, Kavali	1978	-
Intermediate	Board of Intermediate Education	Jawahar Bharathi, Kavali	1980	M.P.C
B.Sc	S.V.U.	Jawahar Bharathi, Kavali	1983	M.P.C
B.Tech	S.V.U	NBKRIST, Vidyanagar	1989	E.C.E
M.Tech	JNTU	IPGSR	1997	CS
Ph.D	JNTU	IPGSR	2005	CS (Image Processing)

10. Experience Teaching:25 Years

S.no.	Institution	Designation	Duration	
			From	To
1.	Bradma of India Ltd.	Hard Ware Engineer	August 1989	July 1991
2.	Jawahar Bharathi Degree College	Lecturer	August 1991	June 1993
3.	Navabharat PG College	Lecturer	August 1993	June 1995
4.	HITS PG College	Assistant Professor	November 1997	March 1999
5.	MGIT, Hyderabad	Asst.Prof, Assoc.Prof & Professor & HOD CSE& IT	April 1999	November 2006
6.	VVIT,Hyderabad	Principal& Professor	December 2006	May 2008
7.	Chaitanya Educational Society (CIST, Kakinada)	Principal& Professor	June 2008	May 2009
8.	Chaitanya Educational Society (CIET,Rajahmundry)	Principal &Professor	June 2009	May 2014
9.	Chaitanya Educational Society GIET, Rajahmundry (Autonomous)	Principal& Professor	June 2014	July 2015
10.	VJIT, Hyderabad	Professor & HOD CSE	August 2015	July 2016
11.	Nisitha college of Engineering & Technology	Principal & Professor	August 2016	July 2018

12.	Vasavi college of Engineering, Hyderabad	Professor	August 2018	JAN- 2023
13.	Sphoorthy Engineering College, Hyderabad	Principal	Feb 2023	April -2024
14.	JBIET,Moinabad,Hyderabad	Dean,Computer Sciences	June 2024	-

Industrial : 02 Years

- Guest faculty - Part Time M.Tech (CS) ,M.Tech(Digital systems), M B A(systems) at JNTUH .
- Guest faculty at IETE Hyderabad for O,A, B and ALCCS(M.Tech)
- Given guest lectures at many Engineering Colleges, AKN university, Krishna University etc.;

11.	Field of specialization	:	Computer Science
12.	Subjects of interest (Teaching)	:	1) Computer Networks 2).Computer Graphics 3) Operating Systems 4.) Data Communication 5.) Digital Image processing
13.	No. of Scholars a) Awarded with Ph.D. b) Working for Ph.D.	:	07 (02 THESIS SUBMITTED) 01
14.	No. of M.Tech Projects guided	:	25
15.	Awards received	:	Best Research Award by JNTU,Kakinada Best Teacher Award by JNTU,Kakinada
16.	Membership of Professional bodies	:	ISTE, Indian Science Congress, Red cross
17.	Member Curriculum development Bodies (such as BOS)	:	1. BOS Chairman for CSE & IT, VJIT (Autonomous) 2. Member, BOS, CSE RGM CET (Autonomous) Nandyala., KMIT, Hyderabad Lords college of Engineering, Hyderabad Stanley college of Engineering (women), Hyderabad.
18.	Other distinctions	:	1. Published articles in newspapers on Engineering Education. 2. Appointed as Member NSS advisory board JNTUK Kakinada. 3. Attended 1stWorld Summit on Accreditation (WOSA-2012)

			4. Ratified by JNTUK& JNTUH as Professor and Principal
19.	Publications	:	enclosed
20.	Course / Conference attended a) Refresher courses b) Orientation courses c) Conferences	: : : :	Enclosed
21.	Administrative Positions held	:	<ol style="list-style-type: none"> 1. Worked as HOD at MGIT, Hyderabad for both CSE&IT Departments since April 2000 to November 2006. 2. Worked as Faculty In charge for Library information center at MGIT 3. Worked as Principal at VVIT, Chevella for 1½ Years. 4. Worked as Principal in Chaitanya Educational Society, Rajahmundry from June 2008 to July 2015. 5. Worked as HOD CSE at VJIT, Hyderabad. 6. Worked as Principal at NCET, Hyderabad. 7. Working as principal at Sphoorthy Engineering college, Hyderabad.

Signature

PROFESSIONAL ACCOMPLISHMENTS

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)**

AWARDS RECEIVED

1. Best Researcher Award by JNTU, Kakinada
2. Best Teacher Award by JNTU, Kakinada

MEMBER CURRICULUM DEVELOPMENT BODIES

1. BOS Chairman for CSE & IT, VJIT (Autonomous)
2. BOS Chairman for CSE & IT, GIET (Autonomous)
3. Helped at JNTUK for framing syllabus for B.Tech, M. Tech, MCA
4. Member, BOS, CSE, RGM CET (Autonomous) Nandyala.
5. Guest Lecture at JNTU for Part time M.Tech & MBA courses.
6. Guest faculty at IETE, Hyderabad and BITS Ranchi branch.

ADMINISTRATIVE POSITIONS HELD

1. Worked as HOD at MGIT, Hyderabad for both CSE & IT Departments since April 1999 to November 2006.
2. Worked as Faculty In charge for Library information center at MGIT
3. Worked as Principal at VVIT, Chevella for 1½ Years.
4. Worked as Principal in Chaitanya Educational Society, GIET, Rajahmundry, (Autonomous) from June 2008 to July 2015.
5. Worked as HOD CSE at VJIT, Hyderabad.
6. Worked as Principal at NCET, Hyderabad.

RESEARCH GUIDANCE

1. Guided & Awarded : 09

2. Guiding : 01
3. M. Tech Projects guided : 15

Research Publications

- 1) International Journals : 43
- 2) Journals with Scopus Index : 13
- 3) National & International Conferences : 18
- 4) h- index :12**
- 5) i10 -index :19**

Professional Bodies membership

1. ISTE 2. Computer Society of India. 3. Red Cross

NAAC & N B A

1. As NAAC Peer Team Member visited about 15 colleges for Institutional Grading.
2. Visited as PT member to several Engineering colleges all over India to assess the Institutes.
3. Instrumental in getting NAAC for a) GIET, Rajahmundry b) VJIT, Hyderabad. C) Nisitha Degree College, Nizamabad d) NCET, Hyderabad.
4. Acted as Institutional coordinator at Vasavi College of Engineering, Hyderabad. Got A++ grade.

PUBLICATIONS

Publications- International Journals:

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

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 VOI 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)
35. “A New Frame Work for CBIR Using Odd and Even Tetra Texton Matrix”. *International Journal of Advanced Science and Technology (IJAST)*, Vol. 29, No.3s,622–645. : <http://sersc.org/journals/index.php/IJAST/article/view/5746/3580>
36. “Second order Derivative Cross Diagonal Matrix approach for CBIR”. *Journal of Critical Reviews*. JCR. 2020; 7(7): 414–427. <https://doi.org/10.31838/jcr.07.07.73>.
37. “Color and cross diagonal symmetric pair co-occurrence matrix”. *Indian Journal of Science and Technology*. 13(27): 2755-2773. <https://doi.org/10.17485/IJST/v13i27.712>

38. . " An Effective Slant Detection and Correction Method Based on the Tilted Rectangle Method for Telugu Manuscript Terms".

International Journal of Information Technology Project Management. pp 25-37, Volume 12

• Issue 4 DOI: 10.4018/IJITPM.2021100103

39. "C-STCM: Image Retrieval using Color Based Stretched Text on Co-Occurrence Matrix "

Design Engineering ISSN: 0011-9342 | Year 2021 Issue: 8 | Pages: 14412 - 14435 [14412]

40. "Age Classification Based on Relative-Features Derived on Circular and Elliptical Neighbourhoods using Machine Learning Classifiers " .

Design Engineering ISSN: 0011-9342 | Year 2021 Issue: 9 | Pages: 1845 - 1868 [1845]

41. 'Magnitude –Based Twin Texton Co –Occurrence Matrix for Image retrieval.'

Journal of Theoretical and Applied Information Technology, 15th June 2022 . Vol.100. No 11

ISSN: 1992-8645, E-ISSN: 1817-3195

42. 'Age classification using isometric and an isometric cross diagonal -local direction ternary matrix' Journal of Theoretical and Applied Information Technology. 31st August 2022.

Vol.100. No 16, ISSN: 1992-8645, E-ISSN: 1817-3195

43. Image retrieval using color and stretched textons of rule based motif .Journal of

Theoretical and Applied Information Technology 15th December 2022. Vol.100. No 23

ISSN: **1992-8645**, E-ISSN: **1817-3195**

Publications-International Conference (Dr V Venkata Krishna)

1. A new Supervised Algorithm for texture segmentation at MAP_ASIA international Conference held at Kula Lumpur, 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)
18. A neoteric framework for CBIR using color-cross diagonal neighborhood texton matrix. International Conference on Advances in Computer Engineering and Communication Technology. ICACET 2021