

CURRICULUM VITAE

Dr. Vustikayala Sivakumar Reddy
B.Tech, M.Tech, Ph.D (IIT-KGP), MIEEE, FIETE, MISTE, MCSI
Principal & Professor,
Malla Reddy College of Engineering & Technology (JNT University)
JNTUH, Hyderabad, India.
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Education:

- **Ph.D:** IIT, Kharagpur, India. (Electronics & Communication Engineering)
Thesis: Video Communication/Signal Processing
- **M.Tech (First Class):** Digital Systems: JNT University, Hyderabad, India.
- **B.Tech (First Class):** Electronics & Communication Engineering, S.V. University, Tirupathi, India.

Personal Profile:

Name : Vustikayala Sivakumar Reddy
Father's Name : Vustikayala Obul Reddy
Date of Birth : 01.06.1967
Nationality : Indian
Religion : Hindu
Languages Known : English & Telugu
**Permanent Address : Pottukulavari Pally (V), Kalikiri (M),
Near Jr. College, Kalikiri,
Chittoor District – 517234, Andhra Pradesh, India.**
Corresponding Address : Flat No. 405, Block 'F',
Vertex Sadguru Krupa, Nizampet Raod,
Kukatpally, Medchal,
Hyderabad – 500085, Telangana, India.

Research Interests:

Computer Networks and Communications, Video Processing, Multimedia System Design, Operating Systems, TCP/IP Networks & Protocols, System Architecture and Advanced Microprocessors.

Experience:

Total of 21 years experience at various levels of Academic and Administrative Positions

- Working as a Principal & Professor in Malla Reddy College of Engineering and Technology, Maisammaguda, Dhulapally, Secunderabad from 17.08.2009 to till date.
- Worked as an Professor in Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad from 26.03.2009 to 16.08.2009.
- Worked as an Associate Professor in Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad from 29.12.2000 to 26.03.2009.
- Worked as an Assistant Professor in Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad from 24.06.1999 to 29.12.2000.
- Worked as an Academic Associate, JNT College of Engineering, Hyderabad, 11.11.1997 to 18.05.1999.

Job Description

- I have done my Ph.D from IIT-Kharagpur
- I am presently working as Professor and Principal at Malla Reddy College of Engineering and Technology since 17.08.2009.
- I am teaching Computer Networks course to Post Graduate Students and Microprocessors Interface course to Undergraduate students.
- I also look after day to day administrative activities of my college.

Subjects Taught:

UG (B.Tech):

- Computer Networks
- Microprocessors & Microcontrollers
- Image Processing
- Digital Signal Processing
- Switching Theory & Logic Design
- Electronic Circuits
- IC applications
- Operating Systems

PG (M. Tech):

- DSP Processors and Architectures
- Advanced Computer Architecture
- Image Processing
- Computer Networks
- TCP/IP Networks
- VHDL Programming
- Multimedia System Design (MPEG & H.26x)

Honors and Awards:

- Best Teacher in the college and received cash award for three consecutive years (2006 to 2009)
- National Merit Scholarship received from Govt. of Andhra Pradesh, India.
- Secured Second Rank at the school level in the SSC examination conducted by Govt. of Andhra Pradesh, 1983
- Jewel India Award, ISC, Govt. of India Registered, India. (Outstanding Contributions in the Field of Specialization and Higher Education Inward Mission to the Global World), 2010
- Senior General Knowledge Test Certificate received from United Schools Organization, India, 1983

Reviewer:

- Reviewer for the Journal of "IEEE Communication Letters".
- Reviewer for the Journal of "IEEE Transactions on Broadcasting".
- Reviewer for the Journal of "IEEE Transactions on Circuits and Systems for Video Technology".
- Editorial Member for International Conference on Soft Computing and Signal Processing published in AISC, Springer Publication.
- Editorial Member for International Conference on Signal Processing Communication and System Design published in Scopus Indexed Journal.

Professional Bodies:

- Fellow of IETE
- Member of IEEE
- Member of ISTE
- Member of CSI
- Member of Higher Education Inward Mission, UK

International/National Conferences Organized:

S.No.	Title of the Conference	Period
1	5 th International Conference on Communications, signal processing, computing and information technologies (ICCSPCIT – 2016)	December 16-17, 2016
2	4 th International Conference on Communications, signal processing, computing and information technologies (ICCSPCIT – 2015)	December 18-19, 2015
3	3 rd International Conference on Communications, signal processing, computing and information technologies (ICCSPCIT – 2014)	December 26-27, 2014
4	2 nd International Conference on Computing, Communication, Systems and Applications (ICCCSA – 2013)	December 20-21, 2013
5	1 st International Conference on Computing, Communication, Systems and Applications (ICCSPCIT – 2012)	March 30-31, 2012
6	2 nd National Conference on Signal Processing & Communications	December 23-24, 2010
7	1 st National Conference on Signal Processing & Communications	December 04-05,

		2009
8	National Conference on Recent Trends on Embedded Systems	May/June 2002
9	National Conference on "Signal Processing & Communications"	May/June 2004
10	International Conference on "Industry Perspective Aviation Education In India"	June 2005
11	International Conference on "Opportunities and Challenges Facing Aviation Industry in Indian subcontinent"	June 2005
12	National Conference on "Advances in Communication Technologies"	Oct 2007
12	National Conference on "Signal Processing & Communications"	Jun 2007
13	National Conference on "Data Mining & Data Warehousing"	Jun 2007
14	National Conference on "Aerospace Engineering"	May 2008
15	National Conference on "Business Strategies in Economic Turbulence"	May 2008

Work-shops/Refresher Courses Organized:

S.No.	Title of the Short-term Course	Period
1	Two day workshop on Image Processing	May / June 2002
2	Two-week Short-Term course on "Microprocessors & Interfacing"	May / June 2004
3	One week Short-Term course on Embedded Systems	June 2005
4	One week Short-Term course on DSP Processors	June 2005
5	TCP/IP Networks & Protocols	Oct 2007
6	Relevance of Computer Usage in Teaching	Jun 2007
7	Image & Video Processing	Jun 2007
8	Advanced Microprocessors and Embedded Systems	May 2008
9	Computer Communication Networks & Protocols	May 2008

Refresher Courses Attended:

S.No	Title of the Program	Place	Period	
1	Introduction to Design of Algorithms Organized IIT-KGP	Malla Reddy College of Engg. and Tech.	25.05.2015	30.05.2015
2	CMOS, Mixed Signal and Radio Frequency VLSI Design Organized IIT-KGP	Malla Reddy College of Engg. and Tech.	30.01.2017	04.02.2017
3	Employability Confluence 2014 - Rising Employer Expectations.	NSDC, Chennai	01/11/2014	01/11/2014

4	AICTE - Cloud Computing	Malla Reddy College of Engg. and Tech.	24/06/2014	06/07/2014
5	ISTE - Signals & Systems (IIT - Kharagpur)	Malla Reddy College of Engg. and Tech.	02/01/2014	15/01/2014
6	ISTE - Analog Electronics (IIT - Kharagpur)	Malla Reddy College of Engg. and Tech.	04/06/2013	14/06/2013
7	ISTE – Workshop on e- education & Learning (IIT - Bombay)	Malla Reddy College of Engg. and Tech.	10/11/2012	11/11/2012
8	AICTE-ISTE Inter networking	JNTUCE	01/21/2002	02/02/2002
9	VLSI TECHNOLOGY	Sreenidhi Institute of Science & Technology	07/08/2001	07/15/2001
10	DSP Processors & Applications	OUCF, Hyderabad	11/23/2004	11/27/2004
11	Advances in Microprocessors	CVR COLLEGE OF ENGINEERING	12/09/2002	12/13/2002
12	Effective Teaching Methodology	Sreenidhi Institute of Science & Technology	05/7/2001	05/11/2001
13	Two Week Short Term Course on Microprocessors & Interfacing	Sreenidhi Institute of Science & Technology	05/24/2004	06/04/2004
14	One Week Short Term course on DSP Processors	Sreenidhi Institute of Science & Technology	06/13/2005	06/18/2005
15	One Week Short Term course on Embedded Systems	Sreenidhi Institute of Science & Technology	06/13/2005	06/18/2005
16	Workshop on Image Processing	Sreenidhi Institute of Science & Technology	05/31/2002	06/04/2002
17	TCP/IP NETWORKS & PROTOCOLS	Sreenidhi Institute of Science & Technology	10/8/2007	10/13/2007
18	Relevance of Computer Usage in Teaching	Sreenidhi Institute of Science & Technology	06/04/2007	06/09/2007
19	Image & Video Processing	Sreenidhi Institute of Science & Technology	06/04/2007	06/09/2007
20	Advanced Microprocessors and	Sreenidhi Institute of	05/12/2008	05/17/2008

	Embedded Systems	Science & Technology		
21	Computer Communication Networks & Protocols	Sreenidhi Institute of Science & Technology	05/12/2008	05/17/2008
22	Management and System capacity building programme	ISB Executive Education	06/08/2008	06/13/2008

Invited Lectures:

S.No.	Topic	Period	Organization
1	Micro Processors & Micro controllers	Feb / 2005	Lakireddy Balreddy College of Engg., Vijayawada, India
2	DSP Processors	June 2005	GNITS, Hyderabad
3	DSP Processors	Oct 2005	NBKRI, Vidyanagar, Nellore, India
4	Loss-less image compression	Nov 2005	Adams Engg. College, Paloncha, India
5	FPGA Based Video Coding	Nov 2005	Karshak Engineering College, HYD
6	Data Communications	Nov 2005	Karshak Engineering College, Hyderabad.
7	Lossy / Loss-less Image Compression	Dec 2005	UGC Academic Staff College, JNTU, Hyderabad
8	Embedded Systems	Dec 2005	UGC Academic Staff College, JNTU, Hyderabad
9	TCP/IP Protocols	Aug 2006	Lakireddy Balreddy College of Engg., Vijayawada, India
10	DSP Processors	Nov 2006	OU College of Engineering, Hyd.
11	Image Processing	Jan 2007	Mahaveer College of Engineering, Hyderabad
12	Embedded Networking	Mar 2007	NFC, Hyderabad, India
13	VLSI Architectures for Video Processing	Mar 2007	RVR & JC College of Engineering, Guntur, India
14	Image/Video/Communication Standards	Jan 2008	Aditya Engg. College, Tekkali, AP
15	Image Processing	April 2008	Academic Staff College, JNTU, Hyd.
16	Microcontrollers: An overview	June 16, 08	Institution of Engineers (India), Hyderabad
17	DSP Processors & Applications	Aug' 2008	Malla Reddy College of Engineering & Technology, Hyd.
18	Outcome Based Engineering Education	Nov 2008	SNIST, Hyderabad
19	Image/Video Coding	Nov 2008	Academic Staff College, JNTU, Hyderabad

20	Video Communication	Dec 2008	JNTU College of Engineering, Anantapur.
21	Video Communication & Protocols	April 2009	JBIT Engineering College, Hyderabad
22	Transform Techniques for Image/Video Processing	June 2009	LBRCE, Vijayawada.
23	Image/Video Coding	July 2009	MRCET, Hyderabad
24	Computer Networks	Sept' 2010	MRIET, Hyderabad.
25	Image Processing	Sept' 2010	SNIST, Hyderabad
26	Video Communication & Protocols (Key note address)	Dec 2010	National Symposium on Broadcasting, Hyd.
27	Wireless communication	Dec 2010	CMR Institute of Technology, Hyderabad
28	Image & Video Processing	Dec 2010	JNTU Academic Staff College, Hyderabad
29	Video Processing	June 2011	JNTU Academic Staff College, Hyderabad
30	Communication Protocols	June 2012	VNR VJiet, Hyderabad.
31	Computer Networks	Jan 2013	Anubose Engg., College, Khammam, India
32	Embedded Systems	June 2013	NBKRIET, Nellore, India
33	Multimedia Coding and Communications	Nov 2013	MRIET, Hyderabad.
34	Rough Sets and Applications	Nov 2013	MRCET, Hyderabad
35	Video Coding	Mar 2014	BITS, Hyderabad
36	Image/Video Communication	April 2014	IETE, Hyderabad
37	Video Coding	November 2017	AICTE Workshop – MRECW
38	Wireless Sensor Networks	November 2017	AICTE Workshop – SNIST

National /International Conferences - Session Chair / Key Note Address:

S.No	National /International	Name of the Event	place	Start date	End date
1	National	Computer Vision & Image Processing	JB Institute of Engg. & Technology	12/17/2012	12/17/2012

2	National	SPESA-2011	CMR College of Engg. & Tech.	7/8/2011	7/10/2011
3	National	Multimedia Communication Protocols	CMR Institute of Technology	6/7/2010	6/12/2010
4	National	Multimedia Signal Processing	Anu Bose Institute of Technology	12/20/2010	12/24/2010
5	National	Microprocessors and its Applications	Vaishnavi Institute of Technology	6/20/2011	6/25/2011
6	International	International Conference on Computing, Communications, Systems and Aeronautics (ICCCSA-12)	Malla Reddy College of Engineering and Technology	3/30/2012	3/31/2012
7	National	SPCOM-2010	Malla Reddy College of Engineering and Technology	12/23/2010	12/24/2010
8	National	SPCOM-2009	Malla Reddy College of Engineering and Technology	12/4/2009	12/5/2009
9	National	TCP/IP Protocols and Networks	Aditya Institute of Technology and Management	12/20/2007	12/22/2007

R&D and Consultancy Projects:

S.No	Scheme	Name of the coordinator	Amt sanctioned in Rs.	Area of Research	Funding Organization	Sanctioned Letter Date
1	RPS	Dr. VSK Reddy	1,800,000	Remote Sensing	AICTE, New Delhi	6/2/2012
2	RPS	Dr. VSK Reddy	5,00,000	Bio-Medical Signal Processing	AICTE, New Delhi	24/1/2012
3	RPS	Dr. VSK Reddy	1,105,000	Multimedia Based Agro Advisory Information System	AICTE, New Delhi	6/3/2013
4	R&D	Dr. VSK Reddy	5,00,000	Video Coding - ARM Processor	Shastra Micro Systems, Hyderabad	20/11/2012
5	R&D	Dr. VSK Reddy	6,16,000	Improvised explosive	MSME, Govt. of	02/02/2016

				device disposal robot	India	
6	R&D	Dr. VSK Reddy	6,16,000	Clauditis-Smart door lock	MSME, Govt. of India	08/04/2016

Academic Consultancy: NFC/BARC Trainee Engineers:

S.No.	Topic	Period	Organization
1	Embedded Systems	Feb / March 2007	Nuclear Fuel Complex (NFC), Hyderabad, India
2	Computer Hardware	May 2007	Nuclear Fuel Complex (NFC), Hyderabad, India
3	Real Time Operating Systems	Jan 2006- Jul 2006	JNTU College of Engineering, Hyderabad
4	Embedded Systems	Feb 2008	Nuclear Fuel Complex (NFC), Hyderabad, India
5	Advanced Microprocessors	Jan/Feb 2009	Nuclear Fuel Complex (NFC), Hyderabad, India

Contributions for the growth of the Departments (ECE & CSE), College and University:

- Member of Board of Studies, Electronics & Communication Engineering and Electronics & Telematics Engineering, JNT University, Hyderabad.
- Governing body Member, Anubose Engineering College, Paloncha, Khammam Dist., Andhra Pradesh
- Department was accredited by NBA of AICTE thrice during my tenure as NBA Committee Chair.
- Departmental In-charge for **World Bank Scheme Under TEQIP**
- New and Advanced Laboratories Development
- Preparation of laboratory manuals and course files
- Well versed with courses of both ECE and CSE at UG and PG level which are advantages to the institution.

Research Guidance:

Thesis Evaluated: Considerable number of thesis evaluated and appointed as examiner for M.Tech/Ph.D thesis in Universities in India and abroad.

Dr. VSK Reddy: Ph.D Guidance

List of PH.D Scholars: Completed

S.No	Name of the candidate	Topic/Title	University	Year of Completion
1	Mr. A.V. Paramkusam	Multi Layer Frame Reference Motion Estimation algorithm for Video Coding	JNTUH, Hyderabad	2015
2	Mr. Bikshalu	Nano Materials for CMOS applications	JNTUH, Hyderabad	2015
3	Syed Jalal Ahmad	Multimedia Transmission over Dynamic Ad-hoc Networks: QoS Requirements	JNTUH, Hyderabad	2015
4	Ms. K. Swaraja	Low Cost Video Watermarking	JNTUH, Hyderabad	2015
5	Mr. N. Dinesh Kumar	Improving the QOS using Priority Packet Scheduling Scheme for Multimedia Data in WSN	Sunrise University Alwar, Rajasthan	2015

List of PH.D Scholars: Pursuing

S.No	Name of the candidate	Topic/Title	University	Year of Regd.
1	Mr.G.S. Naveen Kumar	Content Based Image Retrieval	JNTUK, Kakinada	2009
2	Mr. A. Venkateshwarlu	Hybrid Image Watermarking Algorithm	Vignan University, Guntur, AP	2011
3	Mr. P. Anil Kumar	Networks Security	JNTUH, Hyderabad	2012
4	Mr. K. Mallikarjuna Lingam	Content Based Video Retrieval through 4G Wireless Networks	JNTUK, Kakinada	2014
5	Ms. K. Vanisree	Routing Protocols for Multimedia Communications	JNTUH, Hyderabad	2010

Publications: 110 Publications in various reputed International/National Journals and Conferences.

International/National Reputed Journals and conferences.

International & National Journals:

[1] A.V.Paramkusam; V.S.K.Reddy, "Novel Two-layer Motion Estimation for video coding," Journal of Electronics (China), Springer publications, Vol.31 No.4, pp 354-365, August 2014.

[2] Adapa Venkata Paramkusam and V S K Reddy, "multi-layer reference frame motion estimation for video coding," Signal Image and Video Processing, Springer publications, Vol. 9, No.8, pp 1851-1860, November 2015.

[3] Adapa Venkata Paramkusam; V.S.K.Reddy, "An efficient multi-layer reference frame motion estimation for video coding," J Real-Time Image Proc., Springer publications, pp 1-17, June 2014, DOI 10.1007/s11554-014-0431-0.

[4] Paramkusam, A.V.; Reddy, V.S.K., "Two-layer motion estimation algorithm for video coding," IET-Electronics Letters , Vol.50, no.4, pp.276,278, February 2014.

[5] Adapa Venkata Paramkusam and V S K Reddy, "A Novel Fast Search Motion Estimation Boosted by Multilayer Concept," Multimedia Tools and Applications, Springer publications, pp 1-20, December 2014, DOI 10.1007/s11042-014-2400-9.

[6] M.Lavanya, D.Asha, and VSK Reddy, "Content Based Video Retrieval System using Multiple Features," International Journal of Engineering and Science Research (IJESR), e-ISSN 2277-2685; p-ISSN 2320-9763, Oct 2014.

[7] K. Bikshalu,V.S.K. Reddy, M.V.Manasa,K.V. Rao "Simulation Studies of Silica and High K Oxide contained MOS circuits (45nm, 32nm and 22nm) for Power Dissipation Reduction" International Journal of Engineering and Manufacturing, ISSN: 2306-5982.

[8] K. Bikshalu, V.S.K. Reddy, P.C.S. Reddy, K.V. Rao, "Synthesis of La₂O₃ nanoparticles by Pechini method for future CMOS applications" International Journal of Education and Applied Research, ISSN: 2348-0033.

[9] K. Bikshalu, V.S.K. Reddy, P.C.S. Reddy, , K.V. Rao "Electro deposition of nano la₂o₃ on p-type si wafer and electrical characterization for future CMOS applications" Association for advancement of modelling & simulation technique enterprises AMSE JOURNAL.

[10] M.V.Manasa, K.V. Rao, K. Bikshalu "Synthesis characterization of Nano lanthanum aluminate and simulation of nano metal oxide semiconductor", Advances in Sciences, Engineering and Medicine (American scientific publishers) Vol 6, pages 1–7, 2014.

[11] K. Bikshalu, V.S.K. Reddy, M.V.Manasa, K.V. Rao "Comparison of Band Diagrams and other parameters obtained by simulation analyses of the MOS devices" Journal of Advanced Research (Elsevier) under review.

[12] K. Bikshalu, V.S.K. Reddy, M.V.Manasa, K.V. Rao "Simulation of Band diagrams and Synthesis, Characterization of nano lanthana for MOS Capacitor Application" Super lattices and Microstructures (Elsevier) under review.

[13] K. Bikshalu, V.S.K. Reddy, M.V. Manasa, K. Venkateswara Rao, "Simulation of current density of oxide layer materials & synthesis, characterization of nano lanthanum aluminate and its dielectric analysis" Journal of Nanotechnology and its Applications under review.

[14]. Adapa Venkata Paramkusam and V S K Reddy, "The efficient optimal and suboptimal motion estimation algorithms," Signal Image and Video Processing, Springer publications, Vol.9, No.6, pp 1265-1270 September 2015.

[15]. VSK Reddy and S. Sengupta, "A Fast and Efficient Predictive Block Matching Motion Estimation", International Journal of Computer Science and Network Security, VOL.7 No.12, December 2007. ISSN : 1738-7906

[16]. VSK Reddy and S. Sengupta, "A Fast Predictive Algorithm and Architecture for Block Matching Motion Estimation ", International Journal on Graphics, Vision and Image Processing January 2007. ISSN: 1687-398X Print, 1687-3998 Online & 1687-4005.

[17] Y.M. Latha, B.C. Jinaga and V.S.K.Reddy, "Content Based color Image Retrieval via Wavelet Transforms", International Journal of Computer science and Network Security. Volume7, No.12, December 2007. ISSN : 1738-7906

[18] VSK Reddy, S. Sengupta and Y.M. Latha, "New VLSI Architecture for Motion Estimation Algorithm", International Journal of Computer and Information Science and Engineering , volume 20, April 2007. ISSN : 1307-4164

- [19] B.Jyothi, Dr. Y. Madhavee Latha, VSK Reddy, "Medical Image retrieval using multiple features" Advances in Computational Sciences and Technologies (ACST) , ISSN 0973-6107 volume-3, November 3 2010, pp 387-396.
- [20] K. Swaraja, Dr. Y. Madhavee Latha, VSK Reddy, "The imperceptible video watermarking based on region of motion vectors in p-frames" Advances in Computational Sciences and Technologies (ACST) , ISSN 0973-6107 volume-3, November 3 2010, pp 335-348.
- [21] R. Ravichandra, VSK Reddy and T. Venugopal "Significance of Signal to Noise Ratio (SNR) in the context of GAGAN Application", communicated to Journal of HINDWAI Publications. ISSN/EISSN: 16877969 16877977
- [22] VSK Reddy, B.C. Jinaga and YM Latha "A High Performance Content Based Image Retrieval using Colour and Texture Features", Technology Spectrum, Journal of Jawaharlal Nehru Technological University, Volume No. 3 pp. 58 - 67, November 2007, Hyderabad, India. ISSN: 0974-6854
- [23] K.Vanisree, V.S.K.Reddy, MJC Prasad "Efficient Throughput Analysis of non-cooperative routing protocols in MANETs" International Journal of Electrical, Electronics and Computing Technology (IJEECT), Vol-2 . ISSUE-5., Sept-Dec, 2011 issue of the journal. FIP-P9P73 (paper Code). ISSN-2229-3027
- [24] K.Vanisree, V.S.K.Reddy "Analysis of non-cooperative routing protocols in MANETS under random topology" International Journal of technology and Engineering system(IJTES)/IJCCIS/IJCNS,Vol2. No.2, July- Dec 2010. ISSN: 0976-1345
- [25]. K.Bikshalu,V.S.K.Reddy,K.Venkateshwara Rao,P.C. S. Reddy ,B.S.S.S.Babu,P.V. Rao,"Solution Combustion Synthesis of Nanocrystalline and High-K Dielectric Lanthanum Oxide",International Journal of Nanoscience, nanoengineering&Applications ,Volume 1,Issue 3, December 2011,Page 1-7. ISSN: 2231 – 1777
- [26].K.Vanisree,V.S.K.Reddy,"Transmission rate of Non Co-Operative routing in Adhock network " International Journal of (IJCCIS),Jan-June-2011,Volume-2,No.1, ISSN 0976-1349.
- [27].K.Vanisree, V.S.K.Reddy, "Analysis of modified Cooperative Transmission Routing Protocol in Manet" "International Journal of Computer Science (IJCS), March 2013, Volume-10,No.2, ISSN 1694-0784.
- [28]. K.Vanisree, V.S.K.Reddy, "Analysis of Cooperative Transmission Routing Protocol in Manet" "International Journal of Computer Science (IJCS), October-December, 2012, Volume-2,No.4, pp.17-21, ISSN 2277-212X.
- [29] Y.M. Latha, B.C. Jinaga and V.S.K.Reddy, "A Precise Content-based Color Image Retrieval: Lifting Scheme", International Journal of ICGST-GVIP, Volume.8, No.1, June 2008, ISSN: 1687-398X.

- [30] B. Jyothi, Y.M. Latha, P.G. Krishna Mohan and V.S.K.Reddy, "Medical Image Retrieval using Moments", International Journal of Application or Innovation in Engineering & Management (IJAIEM), Volume.2, No.1, January 2013, ISSN: 2319-4847.
- [31]. A. V.Paramkusam, V. S. K. Reddy, "An Optimal Fast Full Search Motion Estimation and Suboptimal Motion Estimation Algorithms" on International Journal of Computer Applications, Vol.57, Issue.3, November 2012, ISSN: ISSN 0978-8887.
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- [35]. K.Vanisree, Dr. VSK Reddy "Study of Non-Cooperative Routing Protocol in Manets" International Journal of Computing, Communications and Systems (IJCCS), Vol.1, Issue.1, March 2012, ISSN: ISSN.2277-6699.
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- [39]. K.Vanisree, Dr. VSK Reddy "Analysis of Cooperative Transmission Using Modified Routing Protocol in Manet with Channel Variation" International Journal of Electronics, Communication & Instrumentation Engineering Research and Development (IJEIERD) ISSN(P): 2249-684X; ISSN(E): 2249-7951, Vol. 4, Issue 1, Feb 2014, pp.67-86.
- [40]. S.Jalal Ahmad, V.S.K.Reddy, A. Damodaram , P. Radha Krishna. 'Location Aware and Energy Efficient Routing Protocol for Long Distance MANETs' international journal of networks and virtual organization vol.13 , No.4 pp 327-350, 2013.Inderscience publication.

[41]. K.Vanisree, Dr. VSK Reddy “ Hybrid DWT-DCT Algorithm for Digital Image Watermarking and Compression Applications” IOSR Journal of Electronics and Communication & Engineering (IOSR – JECE), e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 9, Issue 6, Ver. V (Nov - Dec. 2014), PP 27-33, DOI: 10.9790/2834-09652733

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