

CURRICULAM VITAE

OF



Dr. KODATI SATYA PRASAD

B.Tech, M.E., Ph.D, MISTE, FIE, FIETE

Professor of Electronics & Communication Engineering
&

Former RECTOR, JNTUK ,

Former Pro Vice Chancellor, KLEF

- 1. Particulars of Birth** : KAJA, Krishna Dist. A.P.
5th August 1955
- 2. Domicile** : 402, Block 2 , GVS Yakkali Heights
Ippatam Road end , Atmakur
Mangalagiri
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- 3. Nationality** : INDIAN
- 4. Parents** : Sri Kodati Gopala Krishnaiah (Late)
Smt Pushpavati (Late)
- 5. Community** : PADMASALI , BC - B
- 6. Permanent Address** : H No. 70-17-10/1
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- 7. Address for correspondence** : Rector, VFSTR, Vadlamudi, Guntur

8. Educational Institutions where studied

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|---|---------|
| i) Primary School, Kaja | 1961-65 |
| ii) Z.P.P. High School, Kaja | 1965-70 |
| iii) Andhra Jateeya Kalasala, Machilipatnam | 1970-72 |
| iv) JNTU College of Engineering, Anantapur | 1972-77 |
| v) Guindy College of Engineering, Madras | 1977-79 |
| vi) Indian Institute of Technology, Madras | 1985-88 |

9. Particulars of Examinations Passed

Examination/ Degree	University/Board	Institution	Year	Class/ Division	Specialization
S.S.C	Board of Secondary Education, Hyderabad, A.P	ZP High school Kaja, Krishna	1970	First	Composite Mathematics
Intermediate	Board of Intermediate Education, Hyderabad, A.P	National College, Machilipatnam	1972	First	Mathematics Physics Chemistry
B.Tech	JNT University, Hyderabad	JNTU College of Engineering, Anantapur	1977	First	Electronics & Communication Engineering
ME	University of Madras, Madras	Guindy College of Engineering Madras	1979	First	Communication Systems
Ph.D	I.I.T. Madras, Chennai.	Indian Institute of Technology, Madras, Chennai	1989	--	Digital Signal Processing

10. Employment

Institution	Designation	Duration	
		From	To
Regional Engineering College, Warangal	Academic Assistant	September, 1979	January, 1980
JNTU College of Engineering, Kakinada	Lecturer	January, 1980	October, 1987
JNTU College of Engineering, Kukatpally, Hyderabad	Assistant Professor	October, 1987	June, 1988
Post-Graduate School, JNT University, Hyderabad	Assistant Professor	July, 1988	September, 1988
JNTU College of Engineering, Anantapur	Assistant Professor	September, 1988	August, 1997
JNTU College of Engineering, Anantapur	Professor of ECE & Head of Department	August, 1997	September, 2003
JNTU College of Engineering, Kakinada	Vice-Principal	October, 2003	May, 2005
JNTU College of Engineering, Kakinada	Principal	June, 2005	June, 2007
JNTU College of Engineering, Kakinada	Professor of ECE	June, 2007	December, 2008
JNT University Kakinada	Director of Evaluation & In-charge Academics	January, 2009	October, 2010
JNT University Kakinada	Rector	October, 2010	November 2012
JNTUK, University College of Engineering, Kakinada	Professor of ECE	November 2012	July 2016
JNT University Kakinada	Director, Institute of Science & Technology	July 2016	August 2017

Koneru Lakshmaiah Educational Foundation (Deemed to be University)	Prof of ECE & Pro Vice Chancellor	September 2017	June 2018
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11. Experience

Teaching Experience	:	Thirty Eight Years
Research Experience	:	Twenty Eight Years
Administrative Experience	:	Twenty Eight Years
Industrial Experience	:	Six months (BEL, Bangalore)
Examiner	:	UPSC, New Delhi, Different Universities in A.P. & Bangalore University, BITS Ranchi, GOA University etc.,
Reviewer of Research Papers	:	IEEE Transactions on Circuits and Systems. IEEE International symposium on Circuits and systems. Elsevier Journal on Signal Processing.
Staff Selection Committee	:	Expert Member of staff selection in all Three JNT Universities (Hyderabad, Kakinada, Anantapur). Nagarjuna University, Guntur. Sri Krishna Devaraya University, Anantapur. Sri Venkateswara University, Tirupati.
Other Committees	:	UGC Expert Member, Chairman & Expert Member of Affiliating Committees for Technical Institutes.

12. Research projects completed as Coordinator

- Modernization & removal of obsolescence in ECE Department, JNTU College of Engineering, Anantapur, Rs. 10 Lakhs sanctioned by Ministry of Human Resources and Development, Government of India.
- Creation of Infrastructural facilities for research in Digital Signal Processing in ECE Department, JNTU College of Engineering, Anantapur, Rs. 10 Lakhs sanctioned by Ministry of Human Resources and Development, Government of India.
- Modernization of ECE Laboratories, JNTU College of Engineering, Anantapur, Rs.5 Lakhs sanctioned by Ministry of Human Resources and Development, Government of India.

13. Short Term Training Programs attended

- “Modern Trends in Communications”, organized by Indian Institute of Technology, Delhi, during 5th-17th May, 1980.
- “Electronics Instrumentation & Digital Signal Processing”, organized by Regional Engineering College, Warangal, during 8th-27th June, 1981.
- “Digital Signal Processing”, organized by Regional Engineering College, Warangal, during 3rd-16th June, 1982.
- “Intensive Course on Wave Digital Filters”, organized by Osmania University, Hyderabad, during 7th-9th January, 1986.
- “Telematics”, organized by Indian Institute of Science, Bangalore, during 12th-20th August, 1991.
- “Mobile Radio communication Networks”, organized by Indian Institute of Technology, Kanpur, during 25th October – 4th November, 1999.
- “VLSI System Design”, organized by Regional Engineering College, Warangal, during 23rd July – 4th August, 2001.

14. Membership – Professional societies

- Life Member, Indian Society for Technical Education, New Delhi.
(Member of Executive council from Jan`93 to Dec`94)
- Fellow in Institute of Engineers (INDIA) (F-1071846)
- Fellow in Institute of Electronics & Telecommunication Engineering (F-1837852)
- Senior Member I E E E
- Life Member , Indian Science Congress

15. Associations – Positions

- Secretary, Teachers’ Association, JNTU College of Engineering, Kakinada (1984)
- Secretary, Quality Improvement Program forum, IIT, Madras (1987)
- Secretary, Teachers’ Association, JNTU College of Engineering, Anantapur (1991)
- Secretary, ISTE Chapter, JNTU College of Engineering, Anantapur (1992 to 1996)
- Chairman , IETE Centre, Kakinada(2010to2014),**EC Member NewDelhi(2016-2019)**
- Chairman , IE(I) , Kakinada Local Centre (2013 to 2015)

16. Seminars/ Symposia/ Training Programs Organized as Coordinator

- (i) A 3-day workshop on “Advanced topics in Digital Signal Processing” during 7th -9th March, 1990.
- (ii) A 4-week ISTE course on “Computer Software”, during 17th January to 11th Feb, 1993.
- (iii) A 3-day ISTE seminar on “Induction Training for Teachers” during April, 1993.
- (iv) A 10-week Computer Programming course, during 21st February to 30th April, 1994.
- (v) A 2-week Summer School on “Signals and Systems” during 9th -21st May, 1994.
- (vi) A 3-day ISTE-CIICP Program on “Institutional Management”, during 15th -17th July, 1994.
- (vii) APOGEE’98, National level students Technical Symposium, 11th April’98.
- (viii) APOGEE’99, National level students Technical Symposium, 23rd Dec.’99.
- (ix) Number of Programs were conducted as Chairman in the different departments of the JNTU College of Engineering, Kakinada.

17. Administrative Experience:

- (i) **NCC Officer**, JNTU College of Engineering, Kakinada, 1982-85.
- (ii) **Deputy Warden**, JNTU College of Engineering, Anantapur Hostels, 1989-92 and 1993 -94.
- (iii) **Placement Officer**, JNTU College of Engineering, Anantapur, 1989-94.
- (iv) **NSS Officer**, JNTU College of Engineering, Anantapur, 1992-94.
- (v) **Officer in-charge of Academic section**, JNTU College of Engineering, Anantapur, 1994-95.
- (vi) **Officer in-charge of Hostels**, JNTU College of Engineering Anantapur, 1995-97.
- (vii) **Head**, Department of Electronics & Communication Engineering, JNTU College of Engineering, Anantapur, January, 1997- September, 2003.
- (viii) **Vice-principal**, JNTU College of Engineering, Kakinada, October, 2003 to May, 2005.
- (ix) **Principal**, JNTU College of Engineering, Kakinada, May, 2005 to June, 2007.
- (x) **Director of Evaluation**, JNT University Kakinada, January, 2009 to October 2010.
- (xi) **Rector**, JNT University Kakinada, October 2010 to November 2012
- (xii) Director, Institute of Science & Technology, JNTUK, July 2016 to August 2017
- (xiii) Pro Vice Chancellor, KLEF, Vaddeswaram, September 2017 to June 2018

18. Achievements as Vice-Principal & Principal of JNTU College of Engineering,

Kakinada

- Brought cohesiveness in administration for smooth functioning of the Institute
- Maintained cordial relations with University authorities
- Organized Alumni meets to improve the relations with Alumni
- Organized DIAMOND Jubilee celebrations of the Institution enthusing Alumni settled in abroad.
- Creative proper academic atmosphere both in Teaching and Research.
- Obtained funds in the World Bank project Technical Education Quality Improvement Program (TEQIP) and utilizing them effectively to the satisfaction of University, State Project Facilitation Unit, Hyderabad and National Project Implementation Unit, New Delhi
- Brought to reality a well furnished Guest House with 12 rooms & 2 suites and necessary Hostel Blocks to boys and girls
- Effectively monitoring Private Engineering Colleges affiliated to JNT University, Hyderabad, attached to JNTU College of Engineering, Kakinada as Nodal Centre
- Offered sane advice and guidance to students, faculty and staff by bestowing personal attention as and when needed
- Developed the ambience in the institute
- Created the infrastructure facility for centralized computer centre for 24x7 operation
- Effectively monitoring the examination system and organizing university examination
- Effectively organized EAMCET examination for 3 years in Kakinada regional centre as Regional coordinator
- Encouraged the teaching faculty to involve them in research and publish research papers in reputed journals
- Encouraged the faculty to organize workshops, conferences, and seminars.
- Developed the infrastructure facility, viz., campus wide networking with a provision to share the resources among all constituent colleges and extending the facility to all hostels.

19. Achievements as Director of Evaluation & In-charge Academics and Rector JNT University Kakinada, Kakinada.

- Conducted the B Tech (CCC) entrance examination immediately after the formation of University and completed the admissions
- After taking charge as Director of Evaluation, within three months, conducted the University examinations successfully and declared the results in record time using software developed in-house with minimum staff members available.
- Introduced challenge valuation, to clear the doubts of students

- As Academics in charge, introduced semester system in the first year also & introduced marks for attendance, for the first time in JNTU. These two proposals have increased the attendance and pass percentage in the colleges.

20. AWARDS Received

- **STATEBEST TEACHER** Award by AP State Govt. in 2009
- **Best PRINCIPAL** Award by IIE&Min 2010
- **SIKSHA RATAN Puraskar** by IIFS in 2010
- **BEST CITIZEN OF INDIA** Award by International Publishing House
- **Biography Published** in Who's Who in Asia

21. Countries Visited

- **Sweden**
- **Poland**
- **Nepal**
- **U S A**

22. Member of Various Committees

- ✓ Committee for regularization of appointments to public services and rationalization of staff pattern and pay structure.
- ✓ Non-Teaching Employees selection committee
- ✓ Convener-Expert committee for affiliation of private Engg. Colleges to JNTU
- ✓ **Selection Committee member** : For recruitment of staff to various Private Engg., Colleges affiliated to Three JNT Universities (Hyderabad, Kakinada, Anantapur) Nagarjuna University, Guntur. Sri Krishna Devaraya University, Anantapur. Sri Venkateswara University, Tirupathi etc.
- ✓ **Expert Committee Member-AICTE:** To inspect the infrastructure facilities and recommend for no objection Certificate for affiliation to various Universities.
- ✓ **Executive Council Member** : Elected as Executive Council Member of Indian Society for Technical Education, New Delhi (Jan 93- Dec 94).
- ✓ **Boards of Studies** : Chairman, EIE, ETE of JNTU Hyderabad
Chairman, ECE, BME, EIE of JNTUK, Kakinada since 2009.

23. Details of the Doctoral Thesis:

Area : Digital Signal Processing

Title : “Sensitivity, Stability and Synthesis of Certain Types of Real and Complex Digital Filters” (1985 to 1988)

Guide:Dr. C. Eswaran, Professor, Indian Institute of Technology, Madras.

24. Books Published

- “**Electronic Devices and Circuits**”, K. Satya Prasad published by VGSBook Links, Vijayawada, 2006.
- “**Network Analysis**”, K. Satya Prasad, S. Sivanagaraju published by Cengage Learning, 2010.
- “**Signals and Systems**”, Narayana Iyer, K. Satya Prasad published by Cengage Learning, 2011.
- “**Microwave Engineering**” GS Raghuvanshi, K Satya Prasad published by Cengage Learning, 2012.

25. Researchers :

(i) Guided

S.No	Name of the Research scholar	Title of the thesis	Year of Awarde	Present place of working
1	Dr. T. Jayachandra Prasad	Processing of Complex Signals using relation Function	2004	Principal RGM College of Engineering, Nandyal
2	Dr. T.S.Savitri	Digital Image Restoration Techniques	2006	Professor of ECE, JNTU College of Engineering, Hyderabad
3	Dr. M.V.Subrahmanyam	A New Topology and its Management for Adhoc Wireless Networks	2007	Principal Santiram Engineering College, Nandyala
4	Dr. P.Satyanarayana	Efficient LP Analysis methods	2007	Head of ECE RGM College of Engineering, Nandyal Nandyala
5	Dr. K.Anita Sheela	Novel Speech Enhancement Technique for highly Non-stationary Environment and Design of Optimized Multi-classifier Automatic Speaker Recognition System	2007	Assoc. Professor JNTU College of Engineering, Hyderabad

6	Dr. K Manjunathachari	Programming and Simulation model of a theoretical machine computing architecture for image processing applications	2009	Professor of ECE GITAM University Hyderabad Campus
7	Dr. PV Naganjaneyulu	Robust channel estimation techniques of OFDM by using cyclic prefix	2010	Professor & Principal PNC & Vijai Institute of Engineering & Technology, Guntur dt.
8	Dr. B Karuna Kumar	Optimized Feature based finger print recognition system and study of compression algorithms impact on finger print recognition accuracy	2011	Lecturer, Govt. Polytechnique, Proddutur
9	Dr Shaik Saheb Basha	Automated identification of diabetic retinal exudates and blood vessels in digital fundus photographs for diabetic retinopathy diagnosis and breast	2011	Professor & Principal, Madina College of Engineering, Kadapa
10	Dr. CV Narasimhulu	Study of non-blind image and video watermarking algorithms using singular value decomposition & contourlet transform	2012	Professor & Head of ECE Geethanjali College of Engineering, Hyderabad
11	Dr P. Veera Narayana Reddy	Development of Algorithms for Content Based Image Retrieval	2012	Professor & Principal, SV College of Engineering, Tirupathi
12	Dr K Naga Prakash	Image Indexing and retrieval using local and global features	2013	Professor of ECE , LBR College of Engineering, Mylavaram
13	Dr G Sudha Vani	Fuzzy ART based color Lip Image Segmentation	2013	Professor of ECE , RVR & JC College of Engineering Guntur
14	Dr Ch Hima Bindu	Performance Evaluation Of Segmentation Algorithms For Fused Multi Source Medical Images.	2013	Professor of ECE QIS College of Engineering , Ongole

15	Dr G Hemanja	Effective and efficient spectral analysis methods in multirate digital signal processing for digital hearing aid applications	2014	Lecturer, Govt Polytechnic College, Tirupathi
16	Dr PV Gopi Krishna rao	Robust Control System Design for process control applications	2015	Associate Professor, RGM CET, Nandyal, Kurnool Dt.
17	Dr Muddapu Parvati	Testing of Embedded SRAM using modified March C-(MMC-) algorithm and parasitic extraction method	2016	Asso. Prof. of ECE, MRITS, Hyderabad
18	Dr. Smt K Meenakshi	Development and performance evaluation of Image & Video watermarking algorithms with non-sinusoidal and image independent transforms	2017	Asso. Prof. of ECE, GRIET, Hyderabad
19	Dr. P Bala Muralikrishna	Performance evaluation of algorithms to mitigate starvation in wireless mesh networks	2017	Mittapalli College of Engineering, Chilakaluripet, Guntur
20	Dr. M Nagamani	Underwater moving object tracking algorithm using sector scan sonar	2017	Asst Prof of ECE Govt Polytechnic Anakapalli
21	Dr. K. Mallikharjuna	Image compression using Sparsifying Algorithms	2017	Associate Professor, RGM CET, Nandyal, Kurnool Dt.
22	Dr Prasanna Muralikrishna	A Swarm Intelligence Approach For Qos Improvement In P2p Based Wireless Mesh Networks	2017	Asso. Prof. of ECE , Dr Samuel George Institute of Engineering &
23	Dr S China Venkateswarlu	Wavelet Hybrid Thresholding and adjustable windowing functions for speech enhancement	2018	Asso. Prof of ECE, Karimnagar

24	Dr. A Ranganayakulu	Design Methodology for Low Power Correlator Using Subword Based Clock Gating Method	2018	Associate Professor Krishna Chaitanya Engineering College, Markapur
25	Dr K Sudha Rani	Identification of brain tumor and image reconstruction from 2D images	2018	Asso. Prof. of ECE , VNR Vignan Jyoti Institute of Technology, Hyderabad
26	Mr. D. Lakshmaiah	Minimization of dynamic power through structural changes and threshold voltage techniques	2018	Asso. Prof. of ECE, Christu Jyoti Institute of Technology, Janagoan, Warangal
27	Mr. V.N.V. Satya Prakash	Development of Algorithms for color image demosaicing	Submitted 2017	Associate Professor of ECE,RGM College of Engineering, Nandyal
28	Smt U Rajya Lakshmi	Performance evaluation of various segmentation methodologies and classification of breast cancer histopathological images using extracted features	Submitted 2018	Lecturer in ECE, UCEK, JNTUK, Kakinada
29	Ch Venkata Rao	A New Teletraffic Intensity Evaluation Procedure Under Co-Channel Interference and Quality of Service Improvement Method for OFDMA Cellular Systems	2018	GITAM
30	Mr C Venkataiah	Performance Analysis of Carbon Nanotube based On-Chip Interconnects	Submitted 2018	Asst. Prof in ECE, RGM College & Technology, Nandyal,Kurnool
31	R Rajendra Prasad		Submitted 2018	Associare Professor, Audisankara College of Engg. & Tech. Gudur, Nellore

32	SL Pratap Reddy		Submitted 2018	Asst . Professor , KSRM COLLEGE OF Engineering , Kadapa
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(ii) Pursuing

S.No	Name of the Research Scholar	Area of Research work	Present place of working
1	Sk Mastan Sharief – 2010	Digital Signal Processing	Asst Prof. LBR College of Engg., Mylavaram
2	Mr. B. Anil Kumar-2010	Wireless Communications	Asst Prof. Dr BV Raju Institute of Technology, Hyderabad
3	Mr. N. Sree Ram-2010	Computer Networks	Asst Professor Koneru Lakshmaiah Educational Foundation Vaddeswaram, Guntur
4	Y Mallikarjuna Rao-2012	Signal Processing	Associate Professor, RGM CET, Nandyal, Kurnool Dt.
5	Mrs P Sunitha - 2013	Speech Processing	Asst Prof. Pragati Engg. College , Surampalem EG dt.
6	Ch Rambabu- 2013	Digital Signal Processing	Asst Prof, GEC , Gudlavalleru
7	M V Srikanth- 2013	Digital Signal Processing	Asst Prof, GEC , Gudlavalleru
8	Rakesh Kumar Prathipati- 2013	Digital Signal Processing	Asst. Prof. , MIC College of Technology, Kanchikacherla, Krishna
9	N Ramanjaneyulu- 2013	Digital Signal Processing	Assistant Professor, RGM CET, Nandyal, Kurnool Dt.
10	C HemaSunder Rao- 2013	Communications	Asst Prof. Vardhman College of Engg. Hyderabad
11	Smt K Jhansi Rani-2014	Digital Image Processing	Asst. Professor in ECE, UCEK, JNTUK, Kakinada
12	M Venkatesh - 2014	Image Processing	Asst. Prof. ,V V Institute of Technology , Nambur
13	P Lavanya - 2014	Digital Signal Processing	Asst Prof. Vardhman College of Engg. Hyderabad
14	Mr U Appala Raju - 2014	Communications & Signal Processing	Asst Prof in ECE, Geethanjali College of Engineering, Hyderabad
15	Mr R Thandan Babu Naik - 2014	Signal & Image Processing	Senior Scientist, CSIR- NGRI, Hyderabad
16	Mr T Srinivasa Rao - 2014	Digital Image Processing	Asst Prof in ECE, GITAM University, Hyderabad

17	Sumalatha Madugula - 2014	VLSI	Asst Prof. Mother Thersa Intitute of Technology , Sattupalli
18	Pamula Sekhar Babu - 2014	Digital Signal Processing	Asst Prof. Sattenapalli Mother Thersa Intitute of Technology , Sattupalli
19	K Praveen Kumar - 2014	Digital Signal Processing	Asst Prof. GITAM University , Hyderabad campus
20	Ms P Sasitha - 2014	Digital Signal Processing	Asst Prof. Visvodaya Engineering College, Kavali
21	N V Viswanath - 2014	Digital Signal Processing	Asst Prof. GITAM University , Hyderabad campus
22	Malleswari Akurati - 2014	Digital Signal Processing	Asst Prof. Visvodaya Engineering College, Kavali
23	A Krishna Mohan - 2014	Image Processing	Asst Prof. SV College of Engineering, Tirupati
24	P Ravi Kumar - 2014	Communications	Asst Prof. Vishnu Engg. College for Women , Bhimavaram
25	Relangi Anil Kumar - 2015	Digital Communications	Asst Prof. , Aditya College of Engg. Surampalem
26	Ms K Surya Kavita- 2015	Digital Signal Processing	Asst. Prof , RaghuCollege of Engineering , Visakhapatnam dt.
27	K Rajani- 2015	Signal Processing & VLSI	Asst. Professor in ECE, UCEK, JNTUK, Kakinada
28	Mr K Rajesh Babu- 2015	Digital Signal Processing	Asst Professor Koneru Lakshmaiah Educational Foundation Vaddeswaram, Guntur
29	N Nagaraja Kumar- 2015	Digital Signal Processing	Asst Prof , RGM College of Engg. , Nandyal
30	Ms B Chandrakala - 2015	Digital Signal Processing	Asst Prof., SV College of Engg., Tirupati
31	Venkata Krishna Odugu- 2015	Digital Signal Processing	Asst Prof. GITAM University , Hyderabad campus
32	Pinjala N Malleswari- 2015	Digital Signal Processing	Asst Prof. VNR vignanajyoti college of Engg. Hyderabad
33	Shaik Khader Zelani- 2015	Antennas	PPD College of Engineering & Technology, Surampalli , Vijayawada
34	Ms A Radhika- 2015	VLSI & Signal Processing	Asst. Prof. in ECE, Anurag College of Engineering, Hyderabad.
35	Shyam Prasad -2015	Digital Signal Processing	Asst Prof. Mallareddi College of Engg. Hyderabad

26. Research papers published :

International Journals

1. K. S. Prasad and C. Eswaran, "On the sensitivity of driving point function based WDF", Electronics Letter , January, 1987
2. K.S. Prasad and C Eswaran, "On the stop band sensitivity of digital filters", IEEE Transactions on Circuits & Systems, May - 1987.
3. K.S.Prasad and C Eswaran, "Limit Cycle Free Complex Biquad Recursive Digital Filters", IEEE Transactions on Circuits & Systems, February - 1989.
4. K. S. Prasad and C. Eswaran, "Constant Input Stability and Multiple Output Realization of GIC filters", IEEE Transactions on Circuits & Systems, March - 1989.
5. K.S.Prasad, C.Eswaran and A. Antoniou, "New First Order Complex Digital Filter Sections and Their Applications for the Realization of IIR filters", Journal of Circuits, Systems, Computers, September, 1993.
6. K.S. Prasad, C. Eswaran and A. Antoniou "Realisation of Complex Digital Filters based on the Concept of the Generalized Immitance Converter", Canadian Journal of Electronics & Computer Engineering, April, 1994.
7. K Manjunathachari and K. S. Prasad, "Modelling and Simulation of Parallel Processing Architecture for Image Processing", Journal of Theoretical and Applied Information Technology, 2005.
8. M.V. Subramanyam and K Satya Prasad, "Quantitative Analysis of An Adhoc Wireless Networks", Asian journal of Information Technology, Vol.5, No.5, pp491-496, May - 2006.
9. MV Subramanyam and K Satya Prasad, "Delay Efficient Algorithm for Adhoc Wireless Networks", Information Technology Journal, Vol.5 No.5, pp 976-981, Oct. 2006.
10. MV Subramanyam and K Satya Prasad "Proposal of an Efficient Topology for Performance Enhancement in terms of Power Consumption and Life time Wireless Networks", WSEAS Computer Transaction, June 2006.
11. K. Manjunathachari and K. Satya Prasad "Implementation of Image Processing operations Using Simultaneous Multithreading And Buffer Processing" Published in International Journal on Graphics , Vision and image Processing (GVIP), Vol.6, No.3, December- 2006.
12. M.V. Subramanyam, K. Satya Prasad " Effectiveness of packet transmission and power consumption in a Beacon period using MARI Topology in Adhoc wireless Networks". Published in ICGST-CNIR International Journal, Dec'2006, Vol. 5, No. 3, pp 41-46.
13. Anitha Sheela, K Satya Prasad and M Madhavi Latha, "Musical Noise Removal of Enhanced Speech Using Hray Level Values of Spectrogram Plots", ECTI Transactions on Electrical Engineering, Electronics and Communications, Vol.5 No.2 August, 2007.
14. K Anitha Sheela, and K Satya Prasad, "Linear Discriminant Analysis F-Ratio for Optimization of TESPAN & MFCC Features for Speaker Recognition", Journal of

- Multimedia pp.34-43, Vol.2, No.6, November 2007.
- 15.D. Satyanarayana., K. Satya Prasad., etal, “Efficient methods in LPA using power spectrum estimation of envelope of speech signal” *Information Technology Journal*,06(2) , 2007.
 16. D. Satyanarayana, K. Satya Prasad. etal, “Robustness analysis of efficient LP analysis methods”*i-imanager’sJournal on Engineering & Technology*,Vol2,No:3PP.82-85, April 2007
 - 17.S. Saheb Basha, K. Satya Prasad “Automatic Detection of Hard Exudates in Diabetic Retinopathy Using Morphological Segmentation and Fuzzy Logic” *IJCSNS International Journal of Computer Science and Network Security*, Vol.8 No.12, December 2008.
 - 18.S. Saheb Basha, K. Satya Prasad “Automatic Detection of Breast Cancer Mass in Mammograms using Morphological Operators and Fuzzy C- Means Clustering.”*Journal of Theretical and Applied Information Technology*.
 19. P.V.Naganjaneyulu, K.SatyaPrasad “Adaptive channel estimation in OFDM system Using Cyclic Prefix (Kalman Filter approach)”, *International Journal of Communication, Networks & System Sciences*, (ISSN. 1913-3715), vol.2, No. 9, pp 852-856, Dec. 2009.
 20. P.V.Naganjaneyulu, K.Satya Prasad “Adaptive Channel Estimation in OFDM System by Worst Case H_{∞} approach,” *International Journal of Hybrid Information Technology* (ISSN. 1738-9968), vol.2, No.4 pp 1- 6 Oct. 2009.
 - 21.B. Karuna Kumar and K. Satya Prasad, “ A Hybrid Core Point Localization Algorithm” *IJCSNS – International journal of Computer Science and Network Security*, Vol. 9, Issue 11, pp. 75-81, 2009.
 22. B. Karuna Kumar and K. Satya Prasad, “ Compression Algorithm’s Impact on Fingerprints,” *IJERIA- International Journal of Engineering Research and Industrial Applications*, Vol.2, No VI, pp 69-76, 2009(ISSN 0974-1518).
 23. B. Karuna Kumar and K. Satya Prasad, “Wavelet Scalar Quantization,” *IJANA International Journal of Advanced Networking and Applications*, Vol.01, Issue.02 pp 141-146, 2009 (ISSN 0975-0290).
 24. G.Sudhavani, Dr. K.Satya Prasad, “Segmentation of Lip images by modified fuzzy C-means Clustering algorithm,” *International Journal of Computer Science and Network security*, Vol 9, Issue no. 4, ,April 30th 2009,pp.187-191.
 25. B. Karuna Kumar and K. Satya Prasad, “Reliable fingerprint feature Extraction algorithm” Published by ICGST- DSP Journal , volume10, issue 1, December 2010.
 26. S.Saheb Basha and K.Satya Prasad, “Automated feature extraction of Diabetic Retinopathy retinal images in early stages using Morphological Methods and Fuzzy- C-Means clustering” *International Journal of Multidisciplinary Research and Advances in Engineering (IJMRAE)*, Vol.2, No. III, October 2010 – pp. 1-16.
 27. C.Venkata Narasimhulu and K. Satya Prasad “A hybrid watermarking scheme using Contourlet transform and singular value decomposition” *International Journal of Computer Science and Network Security*, (IJCSNS) Vol.10 No. 9, September, 2010.

28. P.V.N. Reddy and K. Satya Prasad “ Image retrieval system for natural images based on local features” International Journal of Advances in Information mining (ISSN) Vol. Issue 2, 2010.
29. P.V.N. Reddy and K. Satya Prasad “Local Feature Descriptive Modeling for Natural Images for Image Retrieval System” International Journal of Software Engineering. Vol.4 No.3, March 2010.
30. G. Hemanja and K.Satya Prasad “Improvement in Spectral output and Computational Efficiency of Digital Filter Bank”, International Journal of Software Engineering. Vol No. 4 No. 3, April – June 2010 pp No. 66-73 (ISSN 0973-5151).
31. C. Venkata Narasimhulu and K. Satya Prasad “A Novel Robust Watermarking Technique Based on Non-subsampled Contourlet Transform and SVD” International Journal of Multimedia & Its Applications (IJMA) Vol.3, No.1, February, 2011.
32. P.M.K. Prasad and K. Satya Prasad “Free Inter- band Aliasing Sub-band Adaptive Filtering with Critical Sampling Filter bank Analysis” International Journal of Computer Applications Vol. 12-No. 11, January, 2011.
33. PVN Reddy, K Satya Prasad “ Inter color Local Ternary Patterns for image indexing and retrieval “ CIIT International journal of Digital Image Processing , Vol 3, Issue 15, pp 953-957, 2011
34. PVN Reddy, K Satya Prasad “ Content based image retrieval using Local Derivative patterns “Journal of Theoretical and Applied Information Technology, Vol 28, No 2, pp 95-103, 2011
33. PVN Reddy, K Satya Prasad “ Multi Wavelet based texture features for content based image retrieval “ International journal of computer applications, Vol 17, no 1 pp 39- 44, 2011
34. PVN Reddy, K Satya Prasad “ Colour and texture features for content based image retrieval “ International journal of computer technology and applications, Vol 2, no 4 pp 1016- 1020, 2011
35. C. Venkata Narasimhulu, K. Satya Prasad, “ Robust Color Image Watermarking Using Nonsubsampled Contourlet Transform”, International Journal of Computer Science Information Security, Vol 9, No. 3, PP. 100 - 111, March - 2011.
36. S. China Venkateswarulu, K. Satya Prasad and A. Subba Rami Reddy on “Audio Compression using Perceptual and Huffman Coding” Published under CIIT International Journal of Programmable Devices Circuits and Systems, Vol.11, No.7, PP. 31-38, May – 2011.
37. S. Chinna Venkateswarulu, K. Satya Prasad, A. Subba Rami Reddy, “Improve speech Enhancement using weiner Filtering”, Vol. 11, No. 7, PP . 31-38, May – 2011.
38. D.Lakshmaiah, M.V. Subramanyam ,K.Satyaprasad “ A Novel approach for lower power Design in Turbo coding system “ published in the International journal of VLSI design & communication systems (VLSICS) volume 2, NO.2, June 2011.
39. D.Lakshmaiah, M.V. Subramanyam, K.Satyaprasad “A novel approach for low power Design asynchronous protocol converts for Two-phase communication “ published in the Global journal of Computer application and Technology volume 1, No.3, 2011, 293-299.

40. D.Lakshmaiah, M.V. Subramanyam, .K.Satyaprasad, Low power VLSI Design Approach for Self Time SAPTL International journal of applied engineering research volume 6, No. 24, 2011,pp 2737- 2750,
41. M.V. Subramanyam, P.V. K Satya Prasad, “Performance Comparison of PID Controller Tuned using Classical and Genetic Algorithm Methods”, International Journal of Applied Engineering Research, Volume 6, Number 14 (2011) pp. 1757-1766.
42. G. Hemanja, K. Satya Prasad and P. Venkata Subbaiah, “Efficient Spectral Analysis through effective reduction of Adjacent channel interference in Multirate processing”, CSC publishers, Signal processing (SPIJ), vol. 6, no. 1, pp. 1-20, Feb. 2012.
43. G. Hemanja, K. Satya Prasad and P. Venkata Subbaiah, “Highly Effective and Efficient Spectral Analysis Through Multirate Digital Filter bank”, Signal & Image Processing: An International Journal (SIPIJ), Vol. 3, Number 5, pp. 119-136, oct. 2012.
44. P.Prasanna Murali Krishna, M.V. Subramanyam,K.Satyaprasad “Mesh based and Hybrid Multicast routing protocols for MANETs: Current State of the art”, Global Journal of Computer Science and Technology, **GJCST, Volume 12, Issue 6, 13-22, March’12.**
45. P.Prasanna Murali Krishna, M.V.Subramanyam, K Satya Prasad “ Link Failure Tolerance by Path restoration”, published in “ International Journal of Electronics Circuits and systems” , Vol(1),Issue(2), July 2012, pp-83-85.
46. M.V.Subramanyam & P.V.Gopi Krishna rao, K Satya Prasad“ Power saving Mechanism with less number of nodes in the Routing path in Adhoc Wireless networks using MARI Algorithm published in “ Global Journal of Computer science and Technology,May-2012, Vol-XII, Issue-X, pp-19-24.
47. S.L.Pratap Reddy, M.V.Subramanyam, K.Satya Prasad “ Development of a New MAC Protocol Algorithm for wireless Adhoc Networks with power control” published in the CiiT International Journal of Wireless Communication, May’2012, Vol.4, No.7,pp:348-350.
48. M.V.Subramanyam, P.V.Gopi Krishna rao, K Satya Prasad “ A Novel algorithm for power saving and overhead reduction in the wireless networks” IOSR Journal of Electronics and Communication Engineering,july-Aug-2012, Vol-2, Issue-1, pp-27-30.
49. P.V.Gopi Krishna rao, M.V.Subramanyam,K.Satya Prasad, “ Robust control of steam turbine system speed using improved IMC timed PID Controller” published in ELSEVIER Prceedia Engineering, Vol.38,2012, PP:1450-1456.
50. P.Prasanna Murali Krishna, M.V.Subramanyam, K Satya Prasad, Concerted routing metrics evaluating and distributed rate adaption in wireless mesh Networks, IOSR Journal of Electronics and Communication Engineering, Vol2, Issue:6, Oct-12, PP:04-06.
51. R.Rajendra Prasad, M.V.Subramanyam and K.Satyaprasad, VLSI Design Process for low power design methodology using reconfigurable FPGA, published in IJRET, Nov’12, Vol.1, issue3,PP:516-520.
52. D.Lakshmaiah, K.Satya Prasad,M.V.Subramanyam et al,“ Low power CMOS 1-Bit Full Adder cell based on Voltage scaling ” published in IOSR International Journal of Electronics and Communication Engineering (IOSRJECE), Volume 1, Issue 4, May-June’12,PP:51-57.

53. P.Prasanna Murali Krishna,M.V.Subramanyam K Satya Prasad,“ Design and performance analysis of mobility management for multi gateway based wireless Mesh Networks” published in International journal of Computer Technology and Electronics Engineering (IJCTEE) , Volume 2, Issue 6, Dec’12,PP:38-40.
54. PVN Reddy, K Satya Prasad “ Line edge binary patterns for content based image retrieval “ International journal of Signal and Imaging systems Engineering, Vol5, no3 pp227-235, 2012
55. Ch.Hima Bindu, M.Roopa, K.Satya Prasad, “Discrete Wavelet Transform Based Medical Image Fusion using Spatial frequency Technique”, International Journal of Systems , Algorithms & Applications Volume 2, Issue ICRAET12, May 2012, ISSN Online: 2277-2677, pp: 44-47.
56. Ch. Hima Bindu, K. Satya Prasad, “An Efficient Medical Image Segmentation Using Conventional OTSU Method”, International Journal of Advanced Science and Technology Vol. 38, PP 67-74, January, 2012.
57. Ch.Hima Bindu, K.Satya Prasad, “Performance Analysis Of Multi Source Fused Medical Images Using Multiresolution Transforms”, *International Journal of Advanced Computer Science and Applications, Vol. 3, No. 10, 2012, ISSN:2156-5570(Online),pp: 54-62,*
58. Ch.Hima Bindu, K.Satya Prasad, “Automatic Scheme for Fused Medical Image Segmentation with Nonsubsampled Contourlet Transform”, *International Journal of Advanced Computer Science and Applications, Vol. 3, No. 10, 2012,ISSN:2156-5570(Online),pp :50-53,*
59. G. Hemanja, K. Satya Prasad and P. Venkata Subbaiah, “Highly Selective Digital Filter Bank through Linear Variation of Stopband Attenuation in Multirate Processing by Sample Modification Technique”, International Journal of Image, Graphics and Signal Processing (IJIGSP), MECS Publishers, Vol. 5, No. 8, pp. 9-21, 2013.
60. G. Hemanja, K. Satya Prasad and P. Venkata Subbaiah, “Highly effective spectral output through significant improvement in stopband attenuation by sample modification technique in multirate processing”, Accepted and to be published in the forth coming issue of International Journal of Signal and Imaging Systems Engineering (IJSISE), Inderscience Publishers.
61. G.Sudhavani, G.Madhuri, P.Venkateswara Rao, K.Satya Prasad, “Removing Gaussian Noise from Color Images by Varying the Size of Fuzzy Filters” *International Journal of Computer Applications*, ISBN 973-93-80875-77-5,Vol.72, Issue 17,June 2013, pp. 14-20.
62. G.Sudhavani, G.Madhuri, P.Venkateswara Rao, K.Satya Prasad, “Additive Noise Removal for Color Images using Fuzzy Filters” *International Journal of Computer Science, Engineering and Applications*, ISSN 2231-0088,Vol.3,Issue3,June 2013,pp.1-10.
63. PVN Reddy, K Satya Prasad “Relevance feedback with LEBP feature for content based image retrieval “ International journal of Electronics & Communication technology, Vol 4, no 2, 2013
64. PVN Reddy, K Satya Prasad “ Center symmetric line edge binary pattern for texture image retrieval “International journal of Electronics & Communication technology,Vol 4,no3, 2013

65. Ch.Hima Bindu, K.Satya Prasad, "A New Approach for Segmentation of Fused Images using Cluster based Thresholding", *International Journal of Signal & Image Processing*, Vol.4, No. 2, 2013,pp :1-5,ISSN 2152-5048 (print) ; ISSN 2152-5056 (online).
66. Ch.Hima Bindu, M.Haribabu, K.Stya Prasad, "A New Approach of medical image fusion using Discrete Wavelet Transform", *International Journal of Signal & Image Processing*, Vol.4, No. 2, 2013,pp:21-25,ISSN 2152-5048 (print) ; ISSN 2152-5056 (online).
67. Muddapu Parvathi, N.Vasantha, K.Satha Prasad, "Modified March C- With Concurrency in Testing, For Embedded Memory Applications", *International Journal of VLSI design & Communication Systems (VLSICS)*Vol.3,No.5,October 2012, VLSICS. ISSN : 0976 – 1357.
68. M.Parvathi, N.Vasantha, K.Sathya Prasad, "Design of High Speed Low Power High Accurate (HS-LP-HA) Adder", *International Journal of Computer and Communication engineering*, Vol.2, No.5, September 2013, ISSN 2010-3743, www.ijcce.org, Peer Reviewed and refereed with IF 1.
69. M.Parvathi, N.Vasantha, K.Satya Prasad, "Fault Model Analysis by Parasitic Extraction Method for Embedded SRAMs", *International Journal of Research in Engineering and Technology (IJRET)*, Volume: 02 Issue: 12, Dec-2013, eISSN: 2319-1163 | pISSN: 2321-7308, Pp:502-509, Peer Reviewed and refereed with IF 1.962.
70. S.China Venkateswarlu, A.Subba Rami Reddy and .K.Satya Prasad " LPC based Speech Coding using Wavelet Decomposition " , *IJVES - 01016*,**EBS Payment ID:14411388** Vol04, Issue01:January-February2013,pp.no:224-231.
71. K.SudhaRani,T.C. Sarma,K.Satya Prasad "Face Recognition Office Security System Using Lab View 8.6", *International Journal of Electronics, Communication &Instrumentation Engineering Research and Development (IJEIERD)* Vol. 3,Issue 2,pp:195-200.
72. K.SudhaRani,T. C. Sarma,K.Satya Prasad "Text File Encryption Using FFT Technique in Lab View 8.6" *International Journal of Research in Engineering and Technology (IJRET)*, Vol. 1 Issue 1, pp:29-45.
73. P.V.N.Reddy, K.Satya Prasad, "Color Image Retrieval Using Mixed Binary Patterns", *International Journal of Engineering Sciences Research-IJESR*, ISSN: 2230-8504; e-ISSN-2230-8512, Vol 04, Special Issue 01, 2013
74. BalamuralikrishnaPotti,M.V.Subramanyam and K.Satya Prasad,"A Packet Priority Approach to Mitigate Starvation in Wireless Mesh Network with Multimedia Traffic " ,*International Journal of Computer Applications* ,Volume62–No.14,January 2013.
75. P.Prasanna Murali Krishna, M.V.Subramanyam K Satya Prasad," Performance Analysis of chord protocol for peer to peer overlay topology in wireless mesh network" published in *International journal of Computer Applications*, Volume65,No:13, March'13,PP:49-52.
76. S.L.Pratap Reddy & M.V.Subramanyam K Satya Prasad," A Two Hop Power adaptive MAC Protocol for Density Populated wireless Networks" *International journal of Computer Applications*, Volume65,No:20, March'13,PP:35-40.

77. D. Lakshmaiah, K.Satya Prasad , M.V.Subramanyam “ A Novel Design of Low-power 1-Bit CMOS full-Adder cell using XNOR and MUX” published in IOSR International Journal of Management & Information technology, Vol:7, No:3, Dec’13,Pp:1155-1165.
78. G.Sudhavani, S.Sravani, P.Venkateswara Rao, K.Satya Prasad “Fuzzy Edge Linking Process on Fuzzy Noise Filtered Image”, *International Journal of Computer Applications*, ISBN:973-93-80881-65-9, Vol. 93, Issue 15, May 2014, pp.33-40.
79. G.Sudhavani, M.Srilakshmi, P.Venkateswara Rao, K.Satya Prasad “Comparison of Fuzzy Contrast Enhancement Techniques”, *International Journal of Computer Applications*, ISBN:973-93-80882-52-4, Vol. 95, Issue 22, June 2014, pp.26-31.
80. K Meenakshi,Ch Srinivasarao,K Satya Prasad,“Robust video watermarking schemes in phase domain using Binary Phase Shift Keying“*Int.J on Signal & Image Processing*, Vol 5, 2014.
81. K Meenakshi, Ch Srinivasarao, K Satya Prasad, “ A Hybridized robust watermarking scheme based on fast Walsh-Hadamard Transform and singular value decomposition using Genetic algorithm “ *Int. J of Computer Applications*, Vol 12 ,No 7, feb. 2014.
82. S.China Venkateswarlu, A.Subba Rami Reddy and .K.Satya Prasad ,“Speech Enhancement using Bolls Spectral Subtraction Method based on Gaussian Window”, *Global Journal of Researches in Engineering: Electrical and Electronics Engineering* .pp no. 9-20. Volume 14, Issue 6, Version 1.0 Year 2014, Type: Double Blind Peer Reviewed International Research Journal Publisher. Global Journals Inc.(USA). Online ISSN: 2249-4596 & Print ISSN: 0975-5861.https://globaljournals.org/GJRE_Volume14/2-Speech-Enhancement-using-Bolls.pdf,
83. K.N.Prakash and Dr.K.Satya Prasad, Color Local Binary Patterns for Image Indexing Retrieval, *International Journal of Intelligent systems and Applications*, Vol.10,No.10,PP.68-74,2015.
84. Nagamani Modalavalasa, G. Sasi Bhushana Rao, K. Satya Prasad and Rajkumar Goswami, “ Convergence Analysis of Underwater Moving Object Tracking Based on Bearing and Eleveation Measurements ”, *International Journal of Applied Engineering and Research (IJAER)* , Research India Publications, SCOPUS, Volume 10, Number 12, ISSN 0973-4562, Impact Factor (IF): 0.127, 2015, pp. 32195-32211.
<http://www.ripublication.com/Volume/ijaerv10n12.htm>.
85. P.Prasanna Murali Krishna, M. V. Subramanyam, K. Satyaprasad, Investigation of Chord Protocol in Peer to Peer-Wireless Mesh Network with Mobility, World Academy of Science, Engineering and Technology-International Journal of Electrical, Energetic, Electronic and Communication Engineering, Vol. 9, No.9, pp. 1027-1031, 2015. Impact factor: 0.874.
86. P.Prasanna Murali Krishna, M. V. Subramanyam, K. Satyaprasad, Mesh-DHT approach for efficient resource sharing in P2P based wireless Mesh Network, International conference on Electrical, Control and Computer Engineering, Universiti Malaysia PAHANG, OCT-2015. ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 21, pp. 9766-9772. NOV 2015, Indexing: Scopus. Impact factor: 2.5682.
87. Nagamani Modalavalasa, G. Sasi Bhushana Rao, K. Satya Prasad, L. Ganesh and M.N.V.S.S.Kumar, “ A New Method of Target Tracking by EKF using Bearing and

- Elevation Measurements for Underwater Environment ”, Robotics and Autonomous Systems, Elsevier Journal, Volume.74, Part A, ISSN: 0921-8890, Impact Factor (IF): 1.618, December 2015, pp. 221-228. <http://www.sciencedirect.com/science/article/pii/S0921889015001633>.
88. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad, Improving QoS Performance of Multi-radio Multi-channel WMNs by adopting a Novel Channel Assignment Scheme, IJCSN International Journal of Computer Science and Network, Volume 4, Issue 6, December 2015, pp. 817-824. *Impact factor: 1.02*.
 89. Kethepalli Mallikarjuna, Kodati Satya Prasad, and M.V.Subramanyam; “*Sparse Representation Based Image Compression Using Discrete Rajan Transform*”, International Journal of Applied Engineering Research(IJAER), ISSN 0973-4562, 2015, Volume 10, Number 13, pp33424-33429.
 90. Kethepalli Mallikarjuna, Kodati Satya Prasad, and M.V.Subramanyam; “*Compression of Noisy Images based on Sparsification using Discrete Rajan Transform*”, International Journal of Computer Applications(IJCA), ISSN 0975-8887, December 18, 2015, Volume 132, No.12.
 91. Potti Balamuralikrishna , M. V. Subramanyam, K. Satyaprasad, Hybrid Genetic Optimization to Mitigate Starvation in Wireless Mesh Networks, Indian Journal of Science and Technology, Vol. 8(23), IPL0318, September 2015, pp. 1-10. ISSN: 0974-5645. *Impact factor : 1.05, Indexing: SCOPUS, Elsevier B.V.*
 92. S.China Venkateswarlu, A.Subba Rami Reddy & K.Satya Prasad“SpeechEnhancement in Terms of Objective Quality Measures with Effect of Adjustable Window Shape Parameter on Speech Enhancement Techniques”,free Chromejournals based –Journal of Signal and Image Processing Research, index. php, 199-518-1-PB,July 2016.<http://www.chromejournals.com/tech/index.php/JSIPR/article/view/199/85>
 93. Kethepalli Mallikarjuna, Kodati Satya Prasad, and M.V.Subramanyam; “*Sparsification of Digital Images using Discrete Rajan Transform*”, Journal of Information Processing Systems (JIPS), ISSN:1976-913X(Print), ISSN:2092-805X(Electronic), The official international journal of the Korea Information Processing Society, URL for Journal:<http://jips-k.org/>, (Accepted for publication).
 94. Kethepalli Mallikarjuna, Kodati Satya Prasad, and M.V.Subramanyam; “*Image Compression and Reconstruction using Discrete Rajan Transform Based Spectral Sparsing*”, International Journal of Image, Graphics and Signal Processing (IJIGSP), ISSN Online:2074-9082, 2016, Vol.8, No.1, pp59-67.
 95. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad, Adopting Multi-radio Channel Approach in TCP Congestion Control Mechanisms to Mitigate Starvation in Wireless Mesh Networks, Lecture Notes in Electrical Engineering, Information Science and Applications, Springer , Vol. 376, 2016, pp. 85-95. DOI: 10.1007/978-981-10-0557-2_9. *Impact factor: 0.11. Indexing: SCOPUS.*
 96. Nagamani Modalavalasa, M.N.V.S.S.Kumar, L. Ganesh, K. Satya Prasad and G. Sasi Bhushana Rao, “ A New Approach for Tracking Moving Objects in Underwater Environment ”, Current Science, SCI SCOPUS, VOL.110, No.7, ISSN: 0011-3891, Impact Factor (IF): 0.926, April 2016, pp. 1315-1323.<http://www.currentscience.ac.in/Volumes/110/07/1315.pdf>
 97. Nagamani Modalavalasa, G. Sasi Bhushana Rao and K. Satya Prasad, “Convergence Analysis of Moving Object Tracking Algorithm in 3D using modified EKF based on

- Bearing and Elevation Measurements for Underwater Environment”, International Journal of Electrical & Computer Sciences IJECS-IJENS, Vol 16 No 3, SCOPUS, ISSN: 2077-1231, Impact Factor (IF): 1.816, June 2016, pp. 8-16.
98. S.China Venkateswarlu,.K.Satya Prasad and A.Subba Rami Reddy "Natural Sounding Synthesized Speech on Wavelet Based Linear Predictive Coefficients" IJACE:volum5,No.2,July-December2013,pp.45.
 99. S.China Venkateswarlu, A.Subba Rami Reddy and .K.Satya Prasad " **Studies On Wavelet Based Linear Prediction Coefficients For Natural Sounding Speech Using Different Windowing Techniques** " ,Page 48-55 International Journal of Engineering and Management Research, Volume-3, Issue-2, April 2013, ISSN No.:2250-0758,Pages: 48-55, www.ijemr.net.
 100. S.China Venkateswarlu, A.Subba Rami Reddy and .K.Satya Prasad, “The Effect of Dolph-Chebyshev Window Side Lobe Attenuation on Speech Enhancement using Weiner Filter Method”, International Journal of Electronics Communication and Computer Engineering, Volume 4, Issue 4, ISSN: 2249-071X,ISSN, page no 1180-1189,2013.http://www.ijecce.org/administrator/components/com_jresearch/files/publications/IJECCE_1822_Final.pdf,
 101. S.China Venkateswarlu, A.Subba Rami Reddy and .K.Satya Prasad“AudioCompression using Munich and Cambridge Filter for Audio Coding with Morlet Wavelet”, Global Journal of Computer Science and Technology Volume XIII, Issue V, Version I , pp no. 25-31. Year 2013, https://globaljournals.org/GJCST_Volume13/4-Audio-Compression-using- Munich.pdf,
 102. S.China Venkateswarlu,Dr. K.Satya Prasad, Dr. A. SubbaRami Reddy "Analysis of Speech Using Different methods",STMjournal,ISSN:2277– 6176©STMJournals2012., Page11- 25, Current Trends in Signal Processing, Volume 2, Issue 1, April 2012.
 103. S.China Venkateswarlu , Dr. K.Satya Prasad & Dr. A.Subbi Rami Reddy on“Improvement Speech Enhancement Using Weiner Filtering” GJCST, Volume 11 Issue 7 Version 1.0 May 2011.: ISSN 0975-4172 & Print ISSN: 975-4350 N 0974-9624.
 104. P. V. Gopi Krishna Rao, Dr. M.V. Subramanyam, Dr. K. Satyaprasad, “Robust Control of Steam Turbine System Speed Using Improved IMC Tuned PID Controller”, Procedia Engineering, ELSEVIER, Vol. 38(2012), pp. 1450-1456.[Citation: 05]
 105. P. V. Gopi Krishna Rao, M. V. Subramanyam, K. Satyaprasad, “Design of cascaded IMC-PID controller with improved filter for disturbance rejection,” International Journal of Applied Science and Engineering, Vol. 12(2), 2014, pp. 127-141. ISSN: 1727-2394.[Citation: 04]
 106. P. V. Gopi Krishna Rao, M. V. Subramanyam, K. Satyaprasad, “Design of internal model control-proportional integral derivative controller with improved filter for disturbance rejection, ”Systems Science & Control Engineering: An Open Access Journal, Taylor & Francis, Vol. 2(1), 2014, pp. 583-592. DOI:10.1080/21642583.2014.956372. [Citation: 01]
 107. P. V. Gopi Krishna Rao, M. V. Subramanyam, K. Satyaprasad, “Time-delay approximation: its influence on the structure and performance of the IMC-PI/PID Controller”, Intelligent Computing, Communication and Devices, Advances in Intelligent Systems and Computing, Springer India, Vol. 308, 2015, pp. 561-569. DOI: 10.1007/978-81-322-2012-1_60
 108. P. V. Gopi Krishna Rao, M. V. Subramanyam, K. Satyaprasad, “Robust Design of PID Controller Using IMC Technique for Integrating Process Based on Maximum

- Sensitivity”, *Journal of Control Automation and Electrical Systems*, SPRINGER, Vol. 26(05), 2015, pp. 466-475. [Citation: 01, ESCI]
109. Maruturi Haribabu, CH.Hima Bindu, Dr.K.Satya Prasad, “A New Approach of medical image fusion using Discrete Wavelet Transform”, *International Journal of Signal & Image Processing*, Vol.4, No. 2, 2013, pp:21-25, ISSN 2152-5048 (print) ; ISSN 2152-5056 (online).
 110. Nagamani Modalavalasa, G. Sasi Bhushana Rao And K. Satya Prasad, “ An Efficient Implementation Of Tracking Using Kalman Filter For Underwater Robot Application ”, *International Journal of Computer Science, Engineering and Information Technology (IJCEIT)*, AIRCC Publication, Print: ISSN 2231 – 3605 & Online: ISSN 2231 – 3117, Vol.2, No.2, April 2012, pp. 67-78.
<http://airccse.org/journal/ijcseit/papers/2212ijcseit07.pdf>
 111. Nagamani Modalavalasa, G. Sasi Bhushana Rao And K. Satya Prasad, “ A Novel Approach For Segmentation Of Sector Scan Sonar Images Using Adaptive Thresholding ”, *International Journal of Information Sciences and Techniques (IJIST)*, ISSN 2249-1139, Vol.2, No.4, July 2012, pp. 114-120.
<http://airccse.org/journal/IS/papers/2412ijist11.pdf>
 112. Nagamani Modalavalasa, G. Sasi Bhushana Rao, K. Satya Prasad, S Swapna Rani and Rajkumar Goswami, “ A Quantitive Evaluation Of Various Spatial Filters For Underwater Sonar Images Denoising Application”, *Annals Of Faculty Engineering Hunedoara – International Journal Of Engineering*. Tome X, Fascicule 1(ISSN 1584-2665), Indexed by Copernicus, Impact Factor (IF): 0.3201, 2012, pp. 47-51
 113. Nagamani Modalavalasa, G. Sasi Bhushana Rao and K. Satya Prasad, “ A Quantitive Analysis of Frequency Domain Filters for Sector Scan SONAR Image Processing ”, Published in *CiiT International Journal of Digital Image Processing*, Print: ISSN 0974 – 9691 & Online: ISSN 0974 – 9586, DOI: DIP102011014, Impact Factor (IF): 0.652 Issue: October 2011.
<http://www.ciiiresearch.org/dipoctober2011.html>
 114. P.Prasanna Murali Krishna, M. V. Subramanyam, K. Satyaprasad, Performance Analysis of Chord Protocol for Peer to Peer Overlay Topology in Wireless Mesh Network, *International Journal of Computer Applications*. Vol. 65, No.13, pp. 49-52, March 2013. Impact factor: 0.752.
 115. P.PrasannaMurali Krishna, M.V.Subramanyam, K.Satyaprasad, Investigation of Chord Protocol in Peer to Peer-Wireless Mesh Network with Mobility, *World Academy of Science, Engineering and Technology-International Journal of Electrical, Energetic, Electronic and Communication Engineering*, Vol.9, No.9, pp. 1027-1031, 2015. IF: 0.874
 116. U.RAJYALAKSHMI, S.KOTESWARARAO, K.SATYA PRASAD and D.LINGARAJU “ Mathematical Modelling Of Parameterized Modified Gain Doppler Bearing Extended Kalman Filter For Underwater Traget Tracking “ *World Academy of Science, Engineering and Technology* 71 2012
 117. A. Ranganayakulu and K. Satyaprasad, “Subword Partition based Data Driven Clock Gating Scheme for Low Power VLSI Design”, *International Journal of Computer Applications* (0975 – 8887), Volume 108 – No 14, December 2014
 118. A. Ranganayakulu and K. Satya Prasad, “Sub word Partitioning and Signal Value based Clock gating Scheme for Low Power VLSI Applications”, *International Journal of Current Engineering and Technology* E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, June 2015.
 119. A. Ranganayakulu and K. Satya Prasad, "Low Power Correlator Using Signal Range and Sub Word Based Clock Gating Scheme", *International Journal of Hybrid Information*

- Technology, Vol.9, No.3 (2016), pp. 159-170, <http://dx.doi.org/10.14257/ijhit.2016.9.3.15>
- 120.A. Ranganayakulu and K. Satya Prasad, “Low Power Clock Gating Method with Subword based Signal Range Matching Technique”, Indian Journal of Science and Technology, Vol9(30), ISSN(Print):0974 686, ISSN(Online):0974-5645 DOI:10.1485/ijst/2016/v9i30/9208, August 2016.
121. Mr. V.N.V. Satya Prakash, Dr.K. Satya Prasad & Dr.T. Jaya Chandra Prasad “Demosaicing of Color images by Accurate Estimation of Luminance” in TELKOMNIKA (ISSN:1693-6930) vol.14,No.1,Pages 47-55. (SCOPUS indexed)
DOI: 10.12928/TELKOMNIKA.v14i1.2634
122. Mr. V.N.V. Satya Prakash, Dr. K. Satya Prasad & Dr.T.Jaya Chandra Prasad “Color image Demosaicing using Sparse based radial basis network ” in Alexandria Engineering journal (ISSN.No:1110-0168) published by ELSEVIER.(SCOPUS indexed).
<http://dx.doi.org/10.1016/j.aej.2016.08.032>
- 123.K. Sudha Rani, R. Ravindra Reddy, Dr. T. C. Sarma, K. Satya Prasad “3D DICOM Images Reconstruction using Lab View” International Journal of Electrical, Electronics and Data Communication, Volume-2, Issue-1, pp 20-22.
124. K. Sudha Rani, K.Rashmi, Dr. T. C. Sarma, Dr. K. Satya Prasad ”3D Multimodal MRI Brain Tumor Segmentation:A Volume Rendering Approach” International Journal of Current Trends in Engineering & Research (IJCTER)e-ISSN 2455–1392 Volume 2 Issue 6, June 2016, pp. 290 – 294.
- 125.K. Sudha Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad “Brain Tumor Detection Using Texture Characterisation and Classification Based on the Grey-Level Co-Occurrence Matrix” International Journal of Electrical & Electronics Research (IJEER)Volume 4, Issue 2, Pages 35-39, June 2016, ISSN:2347-470X
126. D.Lakshmaiah, Dr.M.V.Subramanyam , Dr.k.Satya Prasad “Design of low power 4- bit CMOS Braun Multiplier based on Temperatures and frequency scaling ”*The International Journal of Applied Engineering Research* (Scopus) volume.10,issue .81, IJAER, 2015 SEPT
127. D.Lakshmaiah, Dr.M.V.Subramanyam , Dr.k.Satya Prasad “Design of High speed low power 1- bit CMOS ALU”, *International Journal of Technology and Engineering Science* volume.2[9], page 2284-2287, 2014, SEPT.
128. D.Lakshmaiah, Dr.M.V.Subramanyam , Dr.k.Satya Prasad “A Novel Low Power 1-bit Full Adder cell based on reduction of parasitic capacitance through Layout optimization”*International Journal of Scientific Engineering Research* volume.3,issue.12,2012,DEC.

- 129.D.Lakshmaiah, Dr.M.V.Subramanyam , Dr.k.Satya Prasad “ Low Power CMOS 1-bit Full Adder cell based on Voltage Scaling” *IOSR_ Journal of Electronic and communication Engineering* volume no.4, issue4, IOSR_JECE,2012, July.
130. D.Lakshmaiah, Dr.M.V.Subramanyam, Dr.k.Satya Prasad “A Novel Low Power CMOS 1-bit Full Adder cell based with Gate Diffusion Input based on MTCMOS and SSCMOS” *International Journal of Advances in Science and Technology* special issue, page 81-91 IJAST, 2012, March.
131. Mr.N.Ramanjaneyulu, Dr.D.Satyanarayana and Dr.K.SatyaPrasad “Design of PFD, CP and FD circuits for 3.4GHz PLL using 0.18 μ m CMOS Technology” *International Journal of Applied Engineering Research (IJAER)*.Vol.10, Number 14 (2015),pp. 34490-34496. (Print ISSN 0973-4562. Online ISSN 1087—1090, Scopus Indexed).
132. Muddapu Parvathi, N.Vasantha, K.Satya Prasad, “Modified March C- With Concurrency in Testing, For Embedded Memory Applications”, *International Journal of Electrical and Computer Engineering (IJECE)*, Vol 2, No 5: October 2012 page. 571-576, ISSN: 2088-8708, SCOPUS indexed Journal, Institute of Advanced Engineering and Science (IAES Publisher), Peer Reviewed and refereed with IF 3.02.
- 133.Gopi Krishna Rao P V, Subramanyam M V and Satyaprasad K, Model based tuning of PID Controller (2013) *Journal of Control and Instrumentation* 4(1) 16-22
- 134.Rajendra Prasad R, Subramanyam M V and Satya Prasad K, Analog Modeling of recursive estimator design with filter design model (2013) *International journal of VLSI design and communications* 4(4) 9-17
135. Bala Murali P, Subramanyam M V and Satya Prasad K, A packet priority approach to mitigate starvation in wireless mesh network with multimedia traffic (2013) *International Journal of Computer applications* 62(14) 22-26
- 136.Pratapa Reddy S L, Subramanyam M V and Satya Prasad K, A Multi Hop Power Adaptive MAC protocol using fuzzy logic for wireless networks (2014) *International Journal of Communication Engineering and Systems* 3(2) 01-09
- 137.Rajendra Prasad R, Subramanyam M V and Satya Prasad K, A Modified Approach to Low Power Digital Modeling of Recursing Filter for Analog Signal (2014) *IOSR Journal of Computer Engineering* 16(6) 01-13
- 138.Rajendra Prasad R, Subramanyam M V and Satya Prasad K, A new scalable recursive MAC design for filtering applications (2014) *Global Journal of Advanced Engineering Technologies* Special Issue (CTCNSF-2014) 61-65
- 139.Gopi Krishna Rao P V, Subramanyam M V and Satya Prasad K, Robust Design of PID Controller Using IMC Technique for Integrating Process Based on Maximum Sensitivity (2015) *Journal of Control, Automation and Electrical Systems* (formerly CONTROLE & AUTOMAÇÃO), Springer, DOI 10.1007/s40313-015-0196-0.
- 140.S.Pratap Reddy, Dr. Subramanyam M V and Dr. Satya Prasad K “Hybrid Optimization for Cross Layer Mac Protocol in Wireless Network”, published in the IJCSNS *International Journal of Computer Science and Network Security*, VOL.16 No.7, July 2016, pp-158-165.
- 141.Rajendra Prasad R, Subramanyam M V and Satya Prasad K, Analog Modeling of recursive estimator design with filter design model (2013) *International journal of VLSI design and communications* 4(4) 9-17.

142. Rajendra Prasad R, Subramanyam M V and Satya Prasad K, A Modified Approach to Low Power Digital Modeling of Recursing Filter for Analog Signal (2014) *IOSR Journal of Computer Engineering* 16(6) 01-13.
143. Rajendra Prasad R, Subramanyam M V and Satya Prasad K, A new scalable recursive MAC design for filtering applications (2014) *Global Journal of Advanced Engineering Technologies Special Issue (CTCNSF-2014)* 61-65.
144. C.Venkata Narasimhulu & K.Satya Prasad: "A new SVD based hybrid color image watermarking for copy right protection using Contourlet transform", *International Journal of computer and Applications (IJCA)* in Volume 20– No.8, April 2011.
145. P. Venkata Lavanya , Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad " A Combined Approach of Wavelet Thresholding and Wavelet Bayesian Network models for Image Denoising": *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10 No.44 (2015).
146. Appala Raju. Uppala , Dr.C.Venkata Narasimhulu, and Dr.K.Satya Prasad " Analysis of Cyclostationary Spectrum Sensing with PSK Modulation Schemes for Cognitive Radio" *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10 No.44 (2015).
147. K. Praveen Kumar, Dr. C. Venkata Narasimhulu, and Dr. K. Satya Prasad " Review on Digital Image Restoration Methods and Future Directions", *IJSER* , Volume 6, Issue 8, August-2015

National Journals

1. T Jayachandra Prasad, K Satya Prasad and G R Reddy, "Algorithm for Evaluating Multiplier Coefficients of Wave Digital Filters" *Institute of Engineers (India) Journal*, Vol.78, pp 34-38, September,1997.
2. MV Subramanyam and K Satya Prasad, "A Proposed Topology for Reduction of Power Consumption in Adhoc Wireless Networks", *Journal on Engineering and Technology*, Vol.1, No.4, pp 19-24, May 2006.
3. T S Savitri and K S Prasad, "Comparison of Images Based on LSMSE", *Institute of Engineers (India) Journal CP*, Vol.88, May2007.
4. K. Manjunathachari and K. Satya Prasad "A parallel Processing Approach to Image Processing Application Using Simultaneous Multi Threading" *Journal " Asian Journal of Information Technology"* Journal AJIT 5(10) : 1137-1141,2006.
5. K. Manjunathachari and K. Satya Prasad "Modeling and simulation of parallel processing architecture for image processing, *Journal " Theoretical and Applied Information Technology"*, JATIT December, 2006, Volume 3 No. 1
6. M.V. Subramanyam, K. Satya Prasad " Development of a protocol for management of misbehavior nodes in the Adhoc Wireless Networks" *National Journal on Software Engineering*", Oct-Dec'06, Volume -1, No:2, pp 46-51.
7. M.V. Subramanyam, K. Satya Prasad " Effective packet transmission in a Beacon Period using MARI Topology in adhoc wireless networks "National Journal" *Journal on Software Engineering*" Vol(1) No:3, Jan- March'2007, pp 43-49.
8. M.V. Subramanyam, K. Satya Prasad "Effective of selfish nodes in a MARI Topology

- based Adhoc Wireless Networks – A Proposed solution” National Journal “Journal on Software Engineering Vol(1) No: 4 Apr- June’2007, pp 75-80.
9. M.V. Subramanyam, K. Satya Prasad “ Developing a Dynamic Topology for QOS in an Adhoc Wireless Networks” Published in Journal of Institute of Engineers (India) Vol-90, May 18-2009, pp 09-14
 10. D. Satyanarayana, K. Satya Prasad etal “Usable Speech Detection Using ESPRIT Algorithm” i-manager’s journal on Engineering & Technology, Vol 2, No:2 PP 23-27.
 11. S. Saheb Basha, K. Satya Prasad “ Sgmentation of Medical Images Using Morphological Image Processing, i-manager’s journal on Future Engineering & Technology, Vol.4.No.3. February – April 2009.
 12. B. Karuna Kumar and K. Satya Prasad, “ Fingerprint Image Compression Using Fast Fractal Algorithm,” i-manger’s Journal on Software Engineering Vol. 4, No. 1, 2009.
 13. S.Saheb Basha and K.Satya Prasad, “Segmentation of Medical Images using Morphological Image Processing”, i-manager’s Journal on Future Engineering and Technology, Vol.4, No.3, February – April 2009. pp. 37-45.
 14. K. Satya Prasad, P. Venkata Subbaiah & G. Hemanja, “Improvement in spectral output and computational Efficiencies of Digital Filter Bank”, Journal on Software Engineering, Vol. 74, No. 4, PP. 66 – 73, June – 2011.
 15. M.V. Subramanyam, P.V. Gopi Krishna and K. Satya Prasad, “un-obstructive Exhibitionof Parasitic pomer from normal human walking”, Journal of Instrument Society of India, Vol. 40, No. 3, PP. 231-234, Sep – 2011
 16. S.China Venkateswarlu,, K.Satya Prasad, A. SubbaRami Reddy "ANALYSIS OF SPEECH USING DIFFERENTMETHODS" stm journal,ISSN: 2277–6176STM Journals, Page11- 25, Current Trends in Signal Processing, Volume 2, Issue 1, April 2012.
 17. K.Sudha Rani, N.Venkata Rao, T. C. Sarma , K.Satya Prasad titled “DISCRETE WAVELET TRANSFORM IN IMAGE OMPRESSION USING LabVIEW” , Journal of the Instrument Society of India,Vol.43,No.4,Dec. 2013,pp:240-243.
 18. P.V.Gopi Krishn Rao,M.V.Subramanyam, K Satya Prasad,“ Model based tuning of PID Controller” Journal of Control & Instrumentation,Volume 4,Issue1,2013, PP:16 -22.
 19. S.L.Prathapa Reddy, M.V. Subramanyam and K. Satyaprasad, “A Multi-hop MAC Protocol using Fuzzy Logic for Wireless Networks,” Journal of Communication Engineering & Systems,ISSN:2249-8613, Volume 3 (2013), Issue 3, Pag.No 1-9.
 20. P.V. Gopi Krishna Rao, M.V. Subramanyam and K. Satyaprasad, “Model Based TuningofPID” Journal of Control & Instrumentation, Volume 4(2013), Issue1, pp.16-22.
 21. Potti Balamuralikrishna , M. V. Subramanyam, K. Satyaprasad, A Packet Priority Approach to Mitigate Starvation in Wireless Mesh Network with Multimedia Traffic, International Journal of Computer Applications (0975 – 8887), Vol. 62 (14), 2013, pp. 22-26. *Impact factor: 0.715*
 22. Devathoti Rajendra Prasad, P. V.Naganjaneyulu, K. Satya Prasad, A Hybrid Swarm Optimization for Energy Efficient clustering in Multi-hop Wireless Sensor Networks, Springer, Wireless Personal Communications,2016. DOI 10.1007/s11277-016-3562-8, *Indexing: SCI.*
 23. Devathoti Rajendra Prasad, P. V.Naganjaneyulu, K. Satya Prasad, Energy Efficient Clustering In Multi-hop Wireless Sensor Networks Using Differential Evolutionary,

Brazilian Archives of Biology and Technology, September 2016, ISSN: 0974-5645.
Impact factor :0.74, Indexing: SCI.(Acceptance given)

24. Devathoti Rajendra Prasad, P.V.Naganjaneyulu, K. Satyaprasad, Bio-inspired Approach for Energy Aware Cluster Head Selection in Wireless Sensor Networks, Lecture Notes in Networks and Systems, Springer , 2016, *Indexing: SCOPUS. (Acceptance given)*
25. Devathoti Rajendra Prasad, P. V.Naganjaneyulu, K. Satya Prasad, A Multi-Objective Bee Swarm Optimization for Energy Efficient Clustering in Multi-hop Wireless Sensor Networks, IJAER International Journal of Applied Engineering Research, Volume 10,Number 11(2015) Issue 6, pp. 28341-354. *H Index:9, Indexing: SCOPUS.*
26. Devathoti Rajendra Prasad, P.V.Naganjaneyulu, K. Satyaprasad, An Adaptive Cluster Head Selection Algorithm for Multi-Hop Wireless Sensor Networks, Energy Procedia, Elsevier , 2016, *Indexing: SCOPUS. (Acceptance given)*
27. S.L.Prathapa Reddy, Dr.M.V.Subramanyam and Dr.K.Satyaprasad, “A Multi Hop Adaptive MAC protocol using Fuzzy logic for Wireless Networks”, Journal of Communication Engineering & Systems. , Volume 3, Issue 3, No 7, ISSN: 2249-8613, 2014
28. S.L.Prathapa Reddy, Dr.M.V.Subramanyam and Dr.K.Satyaprasad, ”An Enhanced Power Based MAC Protocol for Wireless Networks, ”IOSR Journal of Mobile Computing& Application(IOSR-JMCA),e-ISSN: 2394-0050,P-ISSN: 2394-0042.Volume 3,Issue 4(JUL-AUG 2016),PP-62-68.
29. S.L.Prathapa Reddy, Dr.M.V.Subramanyam and Dr.K.Satyaprasad, “Routing and admission control mechanisms in MANETs”, Proceedings of ICACSE 2013, Lords Institute of Science &Technology, Hyderabad.
30. S.L.Prathapa Reddy, Dr.M.V.Subramanyam and Dr.K.Satyaprasad, “A Hybrid Genetic Fuzzy approach for power control cross layer MAC protocol in wireless Network” Proceedings of ICCICT-2015.Noor Islamic University,Nagarkoile, Tamilnadu,ISSN: 978-1-4673-9825-1/15/\$31.00©2015IEEE.
31. S.L.Prathapa Reddy, Dr.M.V.Subramanyam and Dr.K.Satyaprasad,” Power Control in MAC Protocol For Wireless Networks Using Hybrid Optimization Techniques”, Accepted in Scopus Indexed Journal.

International Conferences

1. K. Satya Prasad, T.J.C. Prasad and G.R. Reddy “Significance of Relation function and Group delay functions in Spectrum estimation of Analytical Signals”, DAMS 2003, Proceedings of the International Conference on Digital Aided Modelling And Simulation (an evolutionary approach for optimization) 6-8 January 2003 CIT, Coimbatore
2. K. Satya Prasad, T.J.C. Prasad and G.R. Reddy “Spectrum Estimation of Complex Signal using relation function” International Conference on wireless communication Networks Scheduled for 27th-28th June, 2003 at Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Tamil Nadu.
3. T. Satya Savitri and K Satya Prasad, “Blind Deconvolution in Image Restoration” presented at International Conference ICET, KIIT, Bhubaneswar, December, 2003.
4. MV Subramanyam and K Satya Prasad, “Adaptive Congestion Control in ATM Networks – A Neural Model”, International Conference on Systems Cybernetics and Informatics, (ICSCI-2004), Hyderabad, Vol 1, pp 19-34,February, 2004.
5. D. Satyanarayana, K Satya Prasad and M V Subramanyam, “Signal Processing Robust Power Spectrum Estimation Methods”, International Conference on Systems, Cybernetics and Information (ICSCI), Pentagram Research Centre, Hyderabad, February, 2004.
6. D. Satyanarayana and K Satya Prasad, “Signal Processing Robust Power Spectrum

- Estimation Methods”, French International conference, ICN-04, 2004.
7. T Satya Savitri and K Satya Prasad, “Denoising of Images Using Bivariate Shrinkage”, presented at International Conference BET at AUCE, Visakhapatnam, December, 2004.
 8. G. Sudha Vani and K Satya Prasad, “Image Compression with ART1 Neural Network”, presented at International Conference BET at AUCE, Visakhapatnam, December, 2004.
 9. M.V.Subramanyam, K.Satyaprasad “Optimization of TCP performance in Hybrid model for wireless networks” International Conference on Systems Cybernetics and Informatics (ICSCI-2006), held at Hyderabad, 4th Jan, 06 to 8th Jan’06. Vol 1 of 2, pp 538-541
 10. D. Satyanarayana and K Satya Prasad, “Robust Methods in LPA Using Power Spectrum Estimation of Envelope of Speech Signal”, PCEA-IFTOMM International Conference (PICA2006), Priyadarsini College of Engineering Nagpur, April,2006.
 11. MV Subramanyam and K Satya Prasad, “Performance Enhancement in Adhoc Wireless Networks”, International Conference (PICA2006) on Recent Trends in Automation and its Adaptation to Industries, Nagpur, July2006.
 12. S Nagarajao, K. Satya Prasad, K Manjunathachari and M.N. Giriprasad, “Efficient Compression of Color Images Using Wavelets by Implementing the Higher Precision CSF”, presented at PCEA-IFTOMM International Conference PICA-2006 on RecenTrends in Automation and Its Adaptation to Industries, Priyadarsini College of Engineering and Architecture Nagupur, July 2006.
 13. K Manjunathachari, K Satya Prasad, D R Srinivas and S Nagarajao, “Implementation of Bucket Processing for Image Processing”, presented at first International Conference on Frontier Technologies, Need for the Industry, Business and Education, Adhiyamman College of Engineering, Chennai, September, 2006.
 14. K Manjunathachari K Satya Prasad, et al., “Bilateral Filtering: A Fast Image/Video Preprocessing”, presented at first International Conference on Frontier Technologies, need for the industry, Business and Education, Adhiyamman College of Engineering, Chennai, September, 2006.
 15. K Manjunathachari and K Satya Prasad, “Implementation of Image Processing Operations Using Simultaneous Multithreading and Buffer Processing”, presented at ICGST International Conference on Graphics, Vision and Image processing (GVIP) Vol.6, issue 3, pp 47-53, December, 2006.
 16. K Anitha Sheela, K Satya Prasad, Ch V Ramarao and AVN Tilak “A Noise Reduction Preprocessor for Mobile Voice Communication Using Perceptually Weighted Special Subtraction Method”, International Conference OBCOM 2006 at Vellore Institute of Technology, Vellore, December. 2006.
 17. P.V.Naganjaneyulu, K.SatyaPrasad, “An adaptive Blind Channel Estimation for OFDM System by Improved H_{∞} approach”, *International Conferences on Advanced Communication Systems held at CIT Coimbatore on Oct. 2007*, preceding pp. 33-36.
 18. K Satya Prasad K Anitha Sheela and M Madhavi Latha “Password Secured Speaker Recognition Using Time and Frequency Domain features”, International conference IASTED, Austria Feb.2007.
 19. K Anitha Sheela, K Satya Prasad and M Sridevi, “Optimization of TESPAP Features

- Using Robust F-Ratio for Speaker Recognition”, International Conference IEEE-ICSCN 2007 MIT Chennai, February, 2007.
20. D Satyanarayana, K Satya Prasad and T J C Prasad, “Quality Assessment of Efficient LP Analysis Methods”, International Conference on Computational Intelligence and Multimedia Applications, July 2007.
 21. P.V.Naganjaneyulu, K.Satya Prasad, An Adaptive Blind Channel Estimation for OFDM System Multimedia by improved H_{∞} approach (for high data rate)”, International Conference on Computer Intelligence and Multimedia applications held at Sivakasi on Dec. 2008, vol.4, pp.252-256, Dec. 2008,
 22. B.V.R.V.Prasad,G.Sudhavani, K.Satya Prasad, “Fuzzy ART : A Fuzzy Based Adaptive Image Segmentation Method,” *Proceedings of the International Conference on Aerospace Electronics, Communications & Instrumentation (ASECI-2010)*, Organised by VRSEC and PVPSIT, Kanuru, Vijayawada, during 06-07 Jan 2010, pp. 298-301
 23. G.Sudhavani, K.Satya prasad, B.V.R.V.Prasad, “Fuzzy based image Clustering,” *Proceedings of the National Conference on Signal Processing & Communication Systems*, NCSPCS 2010, RVR&JC college of Engineering, Guntur, during 25-26 Feb 2010.
 24. V. Subramanyam, P.V. Gopi Krishna Rao, K. Satya Prasad “Performance comparison of PID controller tuned using classical and Generic algorithm methods” International conference on system dynamics and control –ICSDC,PP-379-384, Aug’10.
 25. S. Ramesh Babu, R.Vanitha Rani and K. Satya Prasad, “ An Efficient Resource Allocation Strategy for Future Wireless Cellular Systems”. International Conference on Mobile Internet Devices, December 2010.
 26. K.Mallikarjuna, M.V. Subramanyam, K. Satya Prasad published a paper entitled “Robust DCT-SVD Based Image Domain watermarking In the International conference on Mobile Internet Devices (ICMID-2010), Hyd, Dec’10. PP:352-361.
 27. K. Mallikarjuna, K. Satya Prasad, M.V. Subramanyam and G.R.C. Kaladhara Sarma, “EBP based GK- LM Method for Neural Network Training”, International Conference on (ICCRD) 2011.
 28. PVN Reddy, K Satya Prasad “ Local derivative Patterns and their magnitudes for CBIR”, International Conference on computer Science & Informatics (ICCSI-2011), IRNet , Bhubaneswar.
 29. M.V. Subramanyam, P.V. Gopi Krishna Rao, K. Satya Prasad “Design effective PI/PID controller MIMO Processors for Multiple time delay” published in International conference on Signals, Systems and Automation,PP-24-25,Jan’11.
 30. Ch. Hima Bindu, K. Satya Prasad, “ A Fully Automatic Scheme for Medical Image Segmentation with Wavelet Based Image Fusion”, International conference on Image Processing, Computer Vision, Pattern Recognition, July 2011.
 31. C. Venkata Narasimhulu and K. Satya Prasad, “ Invisible and Robust Color Image Watermarking on Contourlet Domain for Image Authentication, International Conference on Image Processing, Computer Vision, Pattern Recognition, July 2011.

32. Ch. Hima Bindu, K. Satya Prasad, “ A Modified global Threshold Approach for Automatic Medical Image Segmentation”, International conference on Computational Intelligence and Computing Research, IEEE – December, 2011.
33. Ch. Hima Bindu, K. Satya Prasad, “Hybrid Medical Image Fusion method Using Wavelet and Fast Discrete Curvelet Transform”, International conference on Computational Intelligence and Computing Research, IEEE – December, 2011.
34. Ch. Hima Bindu, K. Satya Prasad, “ Discrete Wavelet Transform Based Medical Image Fusion Using Spatial frequency”, International conference on Recent Advances in Engineering and Technology, ICRAET – April, 2012.
35. Ch.Hima Bindu, K.Satya Prasad, “MRI-PET Medical Image Fusion Technique by Combining Contourlet and Wavelet Transform” Third International Conference on Recent Trends in Information, Telecommunication and Computing – ITC 2012, August and available in SPRINGER Digital Library.
36. Ch.Hima Bindu, K.Satya Prasad, “ Multimodal Medical Image Fusion of MRI & PET using Wavelet Transform”, International Conference on Mobile Networks communications and its applications (MNC 2012) IEEE , Aug 2012.
37. Prasanna Murali P & Subramanyam M V, Giriprasad , Mesh-DHT approach for efficient resource sharing in P2P based wireless Mesh Networks, 3rd International Conference on Electrical, Control and Computer Engineering (InECCE 2015), October27-28,2015, Kuantan, Malaysia.
38. Balamurali Krishna P,M V. Subramanyam M V and Satya Prasad K ‘Genetic Algorithm approach to mitigate Starvation in Wireless Mesh Networks, Proceedings of Second International Conference on Computer and CommunicationTechnologies(2015). Proceedings of the Second International Conference on Computer and Communication Technologies, IC3T,Volume 3, PP:477-489. [Springers].
39. K.Sudha Rani, A.Swapna Rani, K.ManiKumari,T. C. Sarma&K.Satya Prasad “Lab view Based Brain Tumor Area And Length Detection In CT And MRI Scan Images” 2nd International Conference on Computing, Engineering and Information Technology (ICCEIT 2013), ,Sept 20-2013,Bangalore, India, pp:70-74.
40. K.Sudha Rani, R.RavindraReddy, T. C. Sarma, K.Satya Prasad titled” “3D DICOM IMAGES RECONSTRUCTION USING Lab view” in International Conference on Electricl,Electronics,Computer Science and Mathematics Physical Education and Management(ICEECMPE),November 2 -2013,New Delhi ,pp:5-7.
41. C.Venkata Narasimhulu and K.Satya Prasad,”A Non Blind Hybrid Video watermarking Scheme based on Singular Value Ddecomposition and Contourlet Transfoer” Procceding of International Conference on Advances in Computer Scienceand Electronics Engineering-CSEE 2013.ISBN:978-981-07-5461-7
42. P.V.Gopi Krishn Rao, M.V.Subramanyam K.Satya Prasad,“ Time Delay Approximation: Its influence on the structure and performance of the IMC-PI/PID controller published in International Conference on Intelligent Computing, Communication and Devices , Apr’ 14,,
43. P.V.Gopi Krishnarao,M.V.Subramanyam,K.Satya Prasad, “ Study on PID Controller

- design and performance based on tuning techniques”International conf.on control , instrumentation,communication and computational technologies (ICCICCT), IEEE, pp 1642-1648
44. P. V. Gopi Krishna Rao, M. V. Subramanyam, K. Satyaprasad, "Study on PID controller design and performance based on tuning techniques," International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT),2014, pp 1411-1417,10-11 July 2014 doi: 10.1109/ICCICCT.2014.6993183 [Citation: 02]
 45. PVN Reddy, K Satya Prasad “ Inter color Local Ternary Patterns for image indexing and retrieval “, IEEE International Conference on Advanced computing & Communication Technologies , APIIT, Panipat, Haryana
 46. PVN Reddy, K Satya Prasad “Multi wavelet based Texture features for CBIR “, International Conference on Communication & Signal Processing, Karunya University, Coimbatore , Tamilnadu.
 47. PVN Reddy, K Satya Prasad “Clustered color-texture context approach for CBIR system “, International Conference on Recent advancements in Electrical Sciences (ICRAES) KSR college of Engineering, Tiruchengode, Tamilnadu.
 48. PVN Reddy, K Satya Prasad “Wavelet based bio medical signal compression“, International Conference on advances in Electrical and Communications, National Engineering college , Kovilpatti, Tamilnadu.
 49. PVN Reddy, K Satya Prasad “Local feature descriptive modeling for natural image retrieval “, International Conference on Emerging trends in Signal Processing & VLSI Design, Gurunanak Engineering college, Hyderabad.
 50. Ch.Hima Bindu, M.Haribabu, K.Stya Prasad, “Image fusion with biorthogonal wavelet transform based on maximum selection and region energy”, IEEE International conference on computer communication and informatics, Coimbatore, India, January 2014, pp.1-6 , ISBN:978-1-4799-2353-3.
 51. Ch.Hima Bindu, M.Haribabu, K.Stya Prasad, “MRI – PET Medical Image Fusion by Combining DWT& PCA with Spatial Frequency”, ELSEVIER International Conference on Emerging Trends in Electrical, Electronics and Communication Technologies, Vol. 2, 2013, ISBN:978-9-3510-7050-4.
 52. P.Bhargavi, Ch.HIma Bindu, K.Satya Prasad, “A novel medical image fusion with $\alpha\beta$ color Transformation”, IEEE International Conference on Computer Communications and Informatics, 8-10th, January 2015, Coimbatore.
 53. . S.China Venkateswarlu, A.Subba Rami Reddy & K.Satya Prasad, presented a research paper on “The Effect of Adjustable Window Shape Parameter on Speech Enhancement Techniques”, on the 4th International Conference on the Advancements of Science and Technology (ICAST-2016) pp.no.104-113 held at Bahir Dar Institute of Technology (BiT), pp.no.104-113. Bahir Dar University, Bahir Dar, Ethiopia, 17th&18th of June 2016.
 54. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad, Genetic Algorithmic Approach to Mitigate Starvation in Wireless Mesh Networks, Proceedings of the Second International Conference on Computer and Communication Technologies,

- Advances in Intelligent Systems and Computing, Springer India, Vol. 381, 2016, pp. 479-489. DOI: 10.1007/978-81-322-2526-3_50. *Impact factor: . Indexing: SCOPUS.*
55. . Nagamani Modalavalasa, G. Sasi Bhushana Rao And K. Satya Prasad, “A Statistical Analysis of Target Tracking Algorithm in 3D using EKF for Underwater Environment” IEEE 6th International Conference on Advanced Computing, IACC-2016, IEEE Computer society, DOI 10.1109/IACC.2016.61, 27-28th February 2016.
 56. P.Prasanna Murali Krishna, M. V. Subramanyam, K. Satyaprasad, Mesh-DHT approach for efficient resource sharing in P2P based wireless Mesh Network, International conference on Electrical, Control and Computer Engineering, Universiti Malaysia PAHANG, OCT-2015. ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 21, pp. 9766-9772. NOV 2015, Indexing: Scopus. Impact factor: 2.5682.
 57. P.Prasanna Murali Krishna, M. V. Subramanyam, K. Satyaprasad, A QoS improvement using hybrid swarm intelligence in Peer to Peer based Wireless Mesh Network, International Conference on Computer Science, Engineering and Technologies (ICCSET 2016), September 5th-6th 2016, Bangkok, and to be published in International Journal of Science and Technology (IJST), Indexing: Scopus. Impact factor: 1.05.
 58. P.Prasanna Murali Krishna, M. V. Subramanyam, K. Satyaprasad, Mesh Based and Hybrid Multicast Routing Protocols for MANETs: Current State of the Art, Global Journal of Computer Science and Technology, Vol. 12, No. 6, pp. 13-22, 2012. Impact factor: 0.352.
 59. Mr. V.N.V. Satya Prakash, Dr.K.Satya Prasad & Dr.T.Jaya Chandra Prasad “Demosaicing of Color images using RBF based Neural network technique” in ELSEVIER PROCEEDIA Computer science series (ISSN:1877-0509)(SCOPUS indexed). vol.85C,Pages 827-833. doi: 10.1016/j.procs.2016.05.272.
 60. K. Sudha Rani, A. Swapna Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad “Lab view Based Brain Tumor Area And Length Detection In CT And MRI Scan Images” 2nd International Conference on Computing, Engineering and Information Technology (ICCEIT 2013), Sept 20th , 2013, Bangalore, India.
 61. K. Sudha Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad” Advanced morphological technique for automatic brain tumor detection and evaluation of statistical parameters” International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST - 2015) ,December 18-20,2015,Trichur,Kerala. (Published in Procedia Technology,Science Direct)
 62. K. Sudha Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad “Extended Pillars K-Means Clustering for Automatic Brain Tumor Technique” Recent Trends in Power, Control and Instrumentation Engineering, PCIE 2015,December 26th ,2015,Kerala.
 63. K. Sudha Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad “ Brain Stroke Detection using K-Nearest Neighbor and Minimum Mean Distance Technique” 2015 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT),December 22nd to 24th , 2015, Kanyakumari, Tamilanadu.(Paper published in IEEE Exporer)
 64. K. Sudha Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad “Intelligent Brain Tumor Lesion Classification and Identification from MRI Images Using k-NN Technique” International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT),December 22nd to 24th , 2015, Kanyakumari, Tamilanadu. (Paper published in IEEE Exporer).

65. D.Lakshmaiah, Dr.M.V.Subramanyam , Dr.k.Satya Prasad “Design of low power 4- bit CMOS Braun Multiplier based on Temperatures and frequency scaling ” *International Conference on Innovations in Computer Science & Information Technology - ICICSIT 2015* MGIT, Hyderabad.
66. M.Parvathi, K.Satya Prasad, N.Vasantha, “Testing of Embedded SRAMs using Parasitic Extraction Method”, 9th International Conference on Robotics, Vision, Signal Processing & Power Applications (ROVISP 2016), Penang, Malaysia, organized by University Sains Malaysia, ISBN 978-981-10-1721-6, Springer LNEE.
67. M.Parvathi, N.Vasantha, K.Satya Prasad, “New Fault Model Analysis for Embedded SRAM Cell for Deep Submicron Technologies using Parasitic Extraction Method”, 2015 IEEE conference on VLSI Systems, Architecture, Technology and Applications (VLSI-SATA) organized by Amritha Vishwa Vidyapeetham (University), School of Engineering, Bengaluru Campus, ISBN: 978-1-4799-7925-7
68. .M.Parvathi, N.Vasantha, K.Satya Prasad, “BIST Controller With Efficient Decoder and Adder for High Speed Embedded Memory Applications”, Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics (IEEE Prime Asia 2012), ISBN: 978-1-4673-5065-5.
69. M.Parvathi, N.Vasantha, K.Satya Prasad, “Design of High Speed Low Power High Accurate (HS-LP-HA) Adder”, 2012 International Conference on Electronic Computer Technology (ICECT 2012), 978-1-4673-1850-1/12
70. Devathoti Rajendra Prasad, P. V.Naganjaneyulu, K. Satya Prasad, Metaheuristic Techniques for Cluster Selection in WSN, ICAMMAET , 2017 IEEE Internatiional Conference,IEEE. (*Acceptance given*)
71. Devathoti Rajendra Prasad, P. V.Naganjaneyulu, K. Satya Prasad, An Energy Efficient Clustering in Multi-hop Wireless Sensor Network with Multi-objective Optimization, National Conference on Advances in Sensors.Lab to Field, 29th & 30th Jan- 2016 Hyderabad-500069. Organized by Research Centre Imarat & Sensors Research Society in Collaboration with Computer Society of India & IEEE Photonics Hyderabad Chapter.

National Conferences

1. T Jayachandra Prasad, K. Satya Prasad and G R Reddy “Application of Transducers in Environmental Quality Monitoring”, National Symposium on Instrumentation, conducted by Instrumentation society of India, Ban’lore at SV University Tirupathi, 9th-12th Jan1994.
2. T Jayachandra Prasad, K. Satya Prasad and G R Reddy, “Sustainable Development Through Energy Planning for 2000AD”10thNationalConventionfor Electrical Engineers, Institution of Engineers State Center, Patna, Bihar, 16th – 18th September, 1994.
3. K. Satya Prasad, K.S.R. Anjaneyulu and G. Kalyana Chakravarthi “Applied Neural

- Networks for Moving Target Detection”, Conference Proceeding FANATIC-99, Regional Engineering College, Warangal.
4. T Satya Savitri and K Satya Prasad “Wiener Filter for Image Restoration”, presented at National conference MNIC, JNT University, College of Engineering, Anantapur, 21st December 2002.
 5. K Satya Prasad, T.J.C. Prasad and G.R. Reddy, “Properties of Relation Function” Sixth user Scientist’s workshop 26-27 February 2003 MST Radar Center, Gadanki, Tirupathi.
 6. K Satya Prasad, T.J.C. Prasad and G.R. Reddy, “Analysis of Atmospheric signals using relation function and Group delay functions” Sixth user Scientist’s workshop 26-27 February 2003 MST Radar Center, Gadanki, Tirupathi
 7. M.V.Subramanyam, K.Satyaprasad “Use of Vertical Packages in Digital Broad band Communications” National Conference on Emerging Trends in VLSI Design and Testing (NCETVDT 2003), held PSG Engg College, Coimbatour, 21st Feb’2003 to 22nd Feb’2003 Vol 1 , pp 487 – 495 (received Best paper Award of the session).
 8. K. Satya Prasad, T.J.C. Prasad and G.R. Reddy, “Algorithm for the analysis of a Atmospheric Signals Using Relation Function and Group Delay Functions”, NCSAES – National Conference on Software Agent and Embedded Systems 11-12th July, 2003 at Sri Ramakrishna Engineering College, Coimbatore.
 9. K. Satya Prasad, T.J.C. Prasad and G.R. Reddy “Relation function and it’s Implications on Complex Noise”, NCSAES–National Conference on Software Agent and Embedded Systems July, 2003, Sri Ramakrishna Engineering College, Coimbatore.
 10. M.V.Subramanyam, K.Satyaprasad “Management of Mobile Computing (Broad band) Networks” National Conference on Emerging Trends in Signals, Systems & Communications (NCSSC-03),13th Sept’03, Vol 1, pp 26 – 39.
 11. Satyanarayana and K Satya Prasad, “Power Spectral Density Based Channel Equalization of Large Speech Data Base for Concatenate TTS System”, National Conference, RGM College of Engineering & Technology, Nandyal Vol.No.9, 19th September, 2003.
 12. K. Satya Prasad, T.J.C. Prasad and G.R. Reddy, “Relation function for the estimation of first and second order dynamical”, VIROHA, National Conference on Communication Technologies in Medical Sciences, Vellore Institute of Technology, Vellore, T.N. December 12-13, 2003, pp 163-167.
 13. K. Satya Prasad, B. Karuna Kumar and M.N. Giri Prasad “Fast scan Macro Test”, National Conference on Innovation in Information and Communication Technology (NCIICT-2003) PSG College of Technology, Coimbatore.
 14. T Satya Savitri and K Satya Prasad, “Removal of Salt and Pepper Noise in Degraded Images”, presented National Conference NCITCSE, RGM College of Engineering & Technology, Nandyal, February, 2004.
 15. T Satya Savitri and K Satya Prasad, “Denoising of Images Using Wavelets”, presented at National conference NCMTA at KITS, COIMBATORE, July, 2004.
 16. MV Subramanyam and K Satya Prasad, “Satellite ATM Network Architectural

- Consideration and TCP/IP Performance”, National conference on SSI-04, RGM College of Engineering & Technology, Nandyal, pp 19-34, September, 2004.
17. D. Satyanarayana and K Satya Prasad, “SAR Image Compression Based on the Discrete Wavelet Transform”, Department of ECE , RGM College of Engineering & Technology, Nandyal, pp. 45-53, September, 2004.
 18. T Satya Savitri and K Satya Prasad, “Image Restoration by Wiener Filter and Iterative Blind Deconvolution”, presented at National conference CISCON at MIT, Karnataka, November, 2004.
 19. K Anitha Sheela, K Satya Prasad and Ch R Nageswararao, “Robust Face Recognition in Varying Illumination”, presented at National conference on Advances in Image Processing and Robotics, ADIPRO at MIT Chennai, February, 2005.
 20. Anitha Sheela, K Satya Prasad and Ch R Nageswararao, “Blind Signal Separation for FMRI’s”, National conference on Image Processing, IEEE (Signal Processing Society) at Bangalore, March, 2005.
 21. K Satya Prasad, K Padma Raju, K Anitha Sheela and G Swamy, “Text Dependent Isolated Word Speaker Recognition Using Neural Network”, National conference on Bio-Medical and Process Instrumentation (BINCON), March, 2005, at Hyderabad.
 22. Manjunathachari, K.Satya Prasad and M. Suresh, “Parallel Image Processing Using Object Oriented Approach and Parallel Processing” presented at National conference TICAЕ’06, Satyabhama Institute of Science and Technology, Chennai, March, 2006.
 23. Manjunathachari, K Satya Prasad and C Mohanarao, “Heterogeneous Parallel Processor Image Processing” presented at National conference on Intelligent Instrumentation, Dayanand Sagar college of Engineering, Bangalore, April, 2006.
 24. K Anitha Sheela and K Satya Prasad, “Less Computational Complex Method for Estimation of Non-Stationary Noise in Speech Using Low frequency Regions for Power Spectral Subtraction”, National conference on Communications (NCC2007) IIT Kanpur, January, 2007.
 25. M. Nagamani, S. Swapna Rani, G. Sasi Bhusana Rao and K. Satya Prasad, “An Optimal Image Signal Processing Model for Underwater Navigation”, a national conference on Advances in Signal Processing 2009.
 26. M. Nagamani, S. Swapna Rani, G. Sasi Bhusana Rao and K. Satya Prasad, “A New Image Segmentation Thresholding Technique for Precise processing of Sector Scan Sonar Images”, a national conference on National Symposium on acoustics, November 26-28, 2009.
 27. M.V. Subramanyam, P.V. Gopi Krishna Rao, K. Satya Prasad “Robust Design Optimisation – A Study” published in National conference conducted by College of science and engineering ,Jhansi, April’ 2010
 28. M. Nagamani, Rajkumar Goswami, S. Swapna Rani and K. Satya Prasad, “A New Image Processing Segmentation Algorithm for Navigation and Guidance of an Underwater Robot” a national conference on IISA January, 4-8, 2010.
 29. M. Nagamani, S. Swapna Rani, G. Sasi Bhusana Rao and K. Satya Prasad, “Performance Analysis of Various Spatial Filters for underwater SONAR Images

- Denoising Application”, a national conference on advances in DSP, Embedded Systems VLSI, Image Processing, DEVICE – 2010 November 13th to 14th 2010.
30. M. Nagamani, S. Swapna Rani, G. Sasi Bhusana Rao and K. Satya Prasad, “ Analysis of Frequency Domain Filters for Sonar Image Processing”, National conference on Communication Technologies, NCACT – 2010, December 2010
 31. P.Prasanna Murali Krishna, M.V. Subramanyam & K.Satyaprasad “SMesh to serve Dynamic Groups for Peer to Peer Streaming”- National conference on soft computing techniques and applications(NCSCTA-11), 8th, 9th October 2011, BVC Engineering College, Odalarevu, E.G.Dist., page Nos.37-44.
 32. S.China Venkateswarlu, A.SubbaRami Reddy, K.Satya Prasad, on “Wavelet-Based Analysis for Natural Sounding Signal Process” Published under Conference & Journal [The National Conference on Recent Trends in Communications & Signal Processing Techniques(SANKETA-2012)] on 21st January 2012(under IETE- S.V.U. College of Engineering, Tirupati.
 33. Subramanyam M V and Gopi Krishna Rao P V, Design of hybrid power generation system using LABVIEW (13) *National Symposium on Instrumentation (NSI-38)* 163
 34. S.China Venkateswarlu, A.Subba Rami Reddy and .K.Satya Prasad " The Effect of Kaiser Window Shape Parameter on Speech Enhancement Using Spectral Subtraction Method" -IE, 29th National Convention of Electronics and Telecommunication Engineers and National Seminar on “ Emerging Trends in Electronics and Telecommunication Engineering” 29-30 October , 2013.
 35. K.Sudha Rani, A.Swapna Rani, T. C. Sarma& K.Satya Prasad “Brain Tumor Detection Using Color Thresholding and Edge Detection in Lab view Techniques” National Symposium on Instrumentation -38(NSI -38) , October 24-26, 2013,Hubli ,Karnataka,pp:165.
 36. K.Sudha Rani, N.VenkataRao, T. C. Sarma& K.Satya Prasad “Discrete Wavelet Transform in Image Compression Using Lab view”National Symposium on Instrumentation -38(NSI -38),October 24-26, 2013,Hubli,Karnaka,pp:166.
 37. T.Rama Krishna ,Dr.C.Venkata Narasimhulu & K.Satya Prasad ” NSCT and SVD based color Image Watermarking for Noise Attacks” Proceeding of 3rd National conference on Latest trends in Signal Processing, VLSI and Embedded Systems held at Geethanjali college of Engineering and Technology,Hyderabad.20th and 21st June 2014.ISBN: 978-93-83459-63-6

SELF RESUME

I, Dr. Kodati Satya Prasad, was born on 5th August 1955, in Kaja near Machilipatnam, Andhra Pradesh, in a humble weavers' family to Sri Kodati Gopala Krishnaiah and Smt. Pushpavati.

I completed primary and high school education in my native village. My hard work stood me in good stead, and I always stood First in my school. Having completed my intermediate education in the prestigious Andhra Jateeya Kalasala, Machilipatnam, I went on to take my B.Tech from Govt. college of Engineering, Anantapur in 1972. I stood as one among the first ten students, in a large batch of 120 students and secured the coveted seat in Electronics and Communications Engineering. Later, I went to the Guindy College of Engineering, University of Madras, Madras for obtaining my Post Graduate degree.

My love for teaching prompted me to secure a job at Regional Engineering College, (now, renamed as National Institute of Technology) Warangal, for a short period of five months. I got an opportunity to join the Jawaharlal Nehru Technological University, Hyderabad and was posted to its constituent college located at Kakinada, in January 1980.

In 1985, I joined in Indian Institute of Technology, Madras to obtain Ph.D., under Quality Improvement Program. I successfully completed the dissertation work within the stipulated period of 3 years. Actively involved in research and guided Twenty one PhDs' successfully. Two have submitted their dissertation and Twenty more scholars are working for Ph.D. I authored a book on '**Electronic Devices & Circuits**', which was well received by the students. I also co-authored three books- one on **Network Analysis**, one on **Signals and Systems** and another on **Microwave Engineering**.

During October, 1987, I got selected as Assistant Professor in Electronics and communication Engineering and transferred to another constituent college of Jawaharlal Nehru Technological University, in Hyderabad and later transferred to University Head Quarters. In September, 1988, I was transferred to the Alumnus College, JNTU College of Engineering, Anantapur. With this, I had the distinction of working in all the constituent units of Jawaharlal Nehru Technological University at the time of its establishment and all regions of combined Andhra Pradesh, i.e., Coastal, Telangana and Rayalaseema.

I also participated in various other curricular and extra-curricular activities at all the places of work. Worked as an officer in National Cadet Corps (NCC), Air wing unit of the college at Kakinada and conducted various camps. At JNTU College of Engineering, Anantapur, I have experience as a National Social Service (NSS) officer and adopted a village and developed it, besides conducting various camps and participating in various social service activities. I was elected as Executive Council member of Indian Society for Technical Education (ISTE), New Delhi from Andhra Pradesh for the period January, 1993 to December, 1994. At present I am the elected Executive Council member of IETE , New Delhi.

I worked in almost all the administrative posts of the college. I was selected as Professor in August, 1997 and worked as **Head** of ECE department, JNTU College of Engineering, Anantapur for more than six years. I worked as **Vice principal**, JNTU College of Engg., Kakinada from October 2003 to May 2005 and as **Principal** (during its DIAMOND Jubilee year), i.e., during May, 2005 to June, 2007. During these four years as Administrator, I took several steps to develop the institute in different directions. I implemented a World Bank project '**Technical Education Quality Improvement Program**' (TEQIP), effectively by motivating most of the faculty members and improved the infrastructure facilities in every department to conduct research and to improve academic environment. **In the TEQIP evaluation the Institute stood first in Andhra Pradesh and 42nd in the Country.**

As **Director of Evaluation** declared the results in record time with in house software developed with minimum staff members. As **I/c Academics** introduced changes in regulations which increased the discipline and results percentage of the students. As **RECTOR** of the university looked after all the Academic and Administrative responsibilities delegated by the Vice Chancellor and discharged my duties to the satisfaction of all the faculty members, Affiliated colleges and the Students.

After retirement from JNTUK service , I worked as Pro VICE CHANCELLOR of Koneru Lakshmaiah Education Foundation (Deemed to be University).
