



POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

SPONSORED BY SKPVV HINDU HIGH SCHOOLS COMMITTEE, Estd : 1906
APPROVED BY AICTE, NEW DELHI, AFFILIATED TO JNTU KAKINADA
ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED
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COLLEGE CODE : **PSCV** [EAMCET, ECET, ICET, POLYCET]

FACULTY PROFILE

Dr.K.Sri Rama Krishna

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Academic Qualifications:

Exam Passed	Specialization	Board/University/ Institution	Year of Passing	Class/ Division
Inter	M.P.C	Board of Intermediate Edn., A.P.	1981	I Class
B.Tech.	ECE	J.N.T.U., Kakinada	1986	I Class
M.S.	E & C	Birla Institute of Technology and Science., Pilani	1992	I Class
Ph.D.	ECE	Andhra University, Visakhapatnam	2002	

Experience: More than 3 decades

Name of the Organization	Period of working	Experience	Designation	Selection through
GND Engg. College Bidar, Karnataka	19.06.87 to 30.01.1990	2Y 7M	Lecturer	Institution Selection Committee
S.V.H. College of Engg. Machilipatnam	01.02.90 to 01.11.93	3Y 9M	Lecturer	ANU Selection Committee
S.V.H. College of Engg. Machilipatnam	02.11.93 to 31.08.98	4Y 10M	Asst. Professor	ANU Selection Committee

Bapatla Engineering College, Bapatla	01.10.98 to 30.09.01	3Y 1M	Asst. Professor	ANU Selection Committee
	01.10.01 to 05.10.05	4Y 0M	Professor & Head	
V.R.Siddhartha Engg College, Vijayawada	06.10.05 to 31.05.2020	14 Y 8M	Professor & Head	ANU Selection Committee

Professor Ratification Details:

Institution	University	Designation	Date of selection
V.R.Siddhartha Engg College, Vijayawada	Acharya Nagarjuna University (ANU)	Professor	16.05.2010
Bapatla Engineering College, Bapatla	Acharya Nagarjuna University (ANU)	Professor	01.10.2001

Research Publications: **Journals : 60** (International: 55 National: 05)
Conferences: 40 (International: 20 National: 10)

Research Projects Completed :

- 1) TIFAC CORE from TIFAC of DST, New Delhi - Rs 04.33 Crores
- 2) MRP – UGC, New Delhi - Rs 06.50 Lakhs
- 3) CARS – ANURAG – DRDO, Hyderabad - Rs 10.00 Lakhs
- 4) RESPOND – NRSC –ISRO, Bangalore - Rs 10.10 Lakhs
- 5) EDC – AICTE, New Delhi - Rs 06.00 Lakhs
- 6) CARS Project - DLRL-DRDO, Hyderabad - Rs 10.00 Lakhs
- 7) CARS Project - ANURAG – DRDO, Hyderabad - Rs 10.00 Lakhs
- 8) RESPOND – NRSC –ISRO, Bangalore (Co PI) - Rs 16.90 Lakhs
- 9) MODROBS - AICTE, New Delhi - Rs 10.39 Lakhs

Projects ongoing :

- 10) Extramural Research - DRDO, New Delhi - Rs 65.05 Lakhs

Major Projects Handled : TEQIP @ BEC, Bapatla

Projects Guided : B.Tech level: 30 M.Tech level: 20

Research Guidance : Ph D level:
Completed: - 08

under submission: 02
Pursuing: 05

PhD theses adjudicated : 04

Patents filed & published : 04

Reviewer : Springer, Elsevier, WSEAS journals & *IEEE International Conferences*

Membership in Professional

Bodies : Fellow : IETE, IE (India)
Life Member : BMESI, ISOI, ISTE

Publications

International Journals (Total : 55)

1. Abdul Rehiman Sheik, **K Sri Rama Krishna** "Linear Antenna Array Synthesis for Unconstrained and Constrained Nulls Using Social Group Optimization Algorithm " *Journal of Scientific and Industrial Research (JSIR)*, (IF: **0.534**) ISSN:0975-1084 (Online); 0022-4456 (Print) JSIR 9124 (Accepted)
2. Rakesh Y, **Sri Rama Krishna K**, "Short time Fourier transform with coefficient optimization for detecting salient regions in stereoscopic 3D images: GSDU", *Multimedia Tools and Applications (SPRINGER)*, ISSN: 1573-7721 (Online) October 2018, pp. 1–24. DOI:10.1007/s11042- 018-6686 **Springer SCI Expanded (IF 1.541)**
3. Rakesh Y, **Sri Rama Krishna K**, "Grey Wolf Optimization on Modeling Saliency Detection in Stereoscopic 3D Images", *IJRTE* ISSN: 2277-3878, Volume-8 Issue-24, July 2019. **Scopus (Elsevier)**
4. Rakesh Y, **Sri Rama Krishna K**, "Saliency Detection in Stereoscopic images using Adaptive Gaussian Kernel and Gabor Filter", *Soft Computing (SPRINGER)*, ISSN: 1433-7479 (Online) April 2019, Volume 23, Issue 8, pp. 2485–2498. DOI: 10.1007/s00500-018-03673 **SCI Expanded (IF 2.367)**
5. **Rakesh Y**, Sri Rama Krishna K, "Performance analysis of computing techniques for image disparity in stereo image", *ARNP* ISSN 1819-6608, Volume-13, NO. 11, June 2018 pp. 3791–3796. **Scopus Indexed.**
6. Sadulla Shaik, **K Sri Rama Krishna**, Ramesh Vaddi, " Nano-scale Transistors with Circuit Interaction for Designing Energy-Efficient and Reliable Adder Cells" at Low VDD, *IETE Technical Review*, 35:5, 456-466, DOI: 0.1080/02564602.2017.1327826, December, 2018, **Taylor & Francis, SCIE, (IF: 1.339)**
7. Sadulla Shaik, **K. Sri Rama Krishna**, "Applying several soft computing techniques for prediction of bearing capacity of driven piles", *Engineering with Computers: An International*

8. Sadulla Shaik, **K. Sri Rama Krishna** and Ramesh Vaddi, "Tunnel Transistor Based Reliable and Energy Efficient Computing Architectures with Circuit and Architectural Co-Design at Low V_{DD} ," *Journal of Circuits, Systems, and Computers (JCSC)*, Vol. 27, No. 3, 2018, pp. 1850046-(1–21). DOI: 10.1142/S0218126618500469. **SCI Expanded (IF: 0.49)**.
9. Sadulla Shaik and **K. Sri Rama Krishna**, "Performance benchmarking of tunnel transistors for energy efficient 4-bit adder architectures at low V_{DD} ," *Electronic Government, An International Journal (Inderscience)*, Mar. 2017. DOI: 10.1504/EG.2017.1000-7071. **Scopus Indexed**
10. Rakesh Y, **Sri Rama Krishna K**, "Super-Pixel Based Saliency in 3D- Image Object Detection using Content Based Image Retrieval", *Journal of Theoretical and Applied Information Technology*, ISSN: 1992-8645, Volume-95 NO 3, February 2017 pp. 468–477. **Scopus Indexed**.
11. **K Sri Rama Krishna**, "Bandwidth and Mutual Coupling Analysis of a Circular Microstrip MIMO Antenna Using Artificial Neural Networks ", *Arabian Journal for Science and Engineering (SPRINGER)* 41(8), 3231-3238, ISSN 2193-567X, May 2016
<http://link.springer.com/article/10.1007/s13369-016-2140-4> (**SCI Expanded**).
12. Polasi Phani Kumar, and **K.Sri Rama Krishna**. "Combining the evidences of temporal and spectral enhancement techniques for improving the performance of Indian language identification system in the presence of background noise." *International Journal of Speech Technology (SPRINGER)* (2016)19:75-85 Impact Factor 1.267
<http://link.springer.com/article/10.1007/s10772-015-9326-0>
13. Polasi Phani Kumar, **K.Sri Rama Krishna**, "Combining the Evidences of Temporal and Spectral Enhancement Techniques for Improving the Performance of Indian Language Identification System in the presence of time varying noises" *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 10 No.22 (2015) pp. 42967-42973. (**SCOPUS INDEXED**).
14. Padmavathi Kora, **K.Sri Rama Krishna**, "Myocardial Infarction detection using DSKC6713," *International Journal of Applied Engineering Research (IJAER)*, Vol 10, no.1, pp. 2137-2148, Jan 2015. (**SCOPUS INDEXED**).
15. Padmavathi Kora, **K. Sri Rama Krishna**, "Detection of Atrial Fibrillation using Autoregressive modeling" *International Journal of Electrical and Computer Engineering (IJECE)*," Vol. 5, no.1, pp. 64-70, Feb 2015. (**SCOPUS INDEXED**).
16. Padmavathi Kora, **K. Sri Rama Krishna**, "Detection of Atrial Fibrillation using Continuous Wavelet transform and Wavelet Coherence," *International Journal of Systems Control and Communications (IJSCC)*, **INDERSCIENCE** , Vol 6, no 4, pp.292 - 304, 2015. (**SCOPUS INDEXED**).

17. Padmavathi Kora, **K. Sri Rama Krishna**, "Classification of Bundle Branch using Magnitude Squared Coherence", ARPN Journal of Engineering and Applied Sciences, Vol 10, no 14, pp. 5984-5989, Aug 2015. **(SCOPUS INDEXED)**
18. Padmavathi Kora, and **K.Sri Rama Krishna**, "Hybrid Bacterial Foraging and Particle Swarm Optimization for detecting Bundle Branch Block," Springer Plus, **SPRINGER**, Vol 4, no 1, 481, Sep 2015 **(SCI EXPANDED)** 0.981 Impact Factor.
19. Padmavathi Kora, and **Sri Ramakrishna K**, "Improved Bat algorithm for the detection of myocardial infarction," **SPRINGERPLUS**, Vol 4, no. 1, pp. 1-18, Nov 2015. **(SCI EXPANDED)** 0.981 Impact Factor.
20. Padmavathi Kora, **K. Sri Rama Krishna**, "Hybrid Firefly and Particle Swarm Optimization algorithm for the detection of Bundle Branch Block," International Journal of Cardiovascular Academy, **ELSEVIER**, Dec 2015. DOI: 10.1016/j.ijcac.2015.12.001.
21. Padmavathi Kora, **K. Sri Rama Krishna**, "Adaptive Bacterial Forging Optimization for the detection of Bundle Branch Block," Egyptian Informatics Journal, **ELSEVIER**, Vol 17, June 2016. (SCI Expanded, Impact Factor: 0.810). DOI: 10.1016/j.eij.2016.04.004.
22. Padmavathi Kora, **K. Sri Rama Krishna**, " ECG Based Heart Arrhythmia Detection Using Wavelet Coherence and Bat Algorithm" Sensing and Imaging, **SPRINGER**, Vol 17, no. 1, Jun 2016. DOI: 10.1007/s11220-016-0136-5.
23. **K Sri Rama Krishna**, K Jagadeesh babu, J Lakshmi Narayana, Dr L Pratap Reddy, G V Subrahmanyam " Artificial Neural Network approach for analyzing the mutual coupling in a rectangular MIMO antenna" Frontiers of electrical and electronics engineering, **SPRINGER** Volume-7, no-3,2012,pp 293-298. **H Index – 7 (Scopus)**
24. K Jagadeesh Babu, **K Sri Rama Krishna**, Dr L Pratap Reddy, " A Novel Triband MIMO antenna with improved bandwidth and isolation", **Microwave and Optical Technology Letters**, **WILEY** Vol.54, No.12, December,2012, PP.2766-2770. **H Index – 48, Impact Factor – 0.6 (Thomson Reuters, Scopus)**
25. K Jagadeesh Babu , **K. Sri Rama Krishna** and Dr. L. Pratap Reddy "A Symmetric Multi Slot Patch Antenna with Improved Bandwidth and Isolation for Wireless MIMO systems", **Procedia Engineering**, **ELSEVIER** Vol.30, 2012, PP. 978-982. **H Index – 6 (Scopus)**
26. J. Lakshmi Narayana, **K. Sri Rama Krishna**, Dr. L. Pratap Reddy, "Modeling of Double Ridge Wave guide using ANN" Frontiers of Electrical and Electronics Engineering, **SPRINGER** Volume-7, No-3, 2012, pp 299-307. **H index: 7 (Scopus)**
27. K Jagadeesh Babu, **K Sri Rama Krishna**, Dr. L Pratap Reddy "A study on bandwidth and isolation improvement of cylindrical Dielectric Resonator Antenna for MIMO systems ", Int Journal on Communications and Propagation, **PRAISE WORTHY PRIZE, ITALY**, Vol.2, No.2, 2012, PP. 106-110 **(Scopus)**

28. K Jagadeesh Babu, **K Sri Rama Krishna**, Dr. L Pratap Reddy “Reduction of mutual coupling in a MIMO array employing circular DRAs” International Journal of Information and Telecommunication Technology, SRISTE, Vol. 4, Issue 1, 2012, ISSN 0976-5972
29. J. Lakshmi Narayana, **K. Sri Rama Krishna**, Dr. L. Pratap Reddy, "High Dimensional Modeling of Microstrip Hairpin Band pass Filter Using Artificial Neural Networks", International Journal of Future Generation Communication and Networking, **SERSC, KOREA**, Vol. 5, No. 1, March, 2012, pp.1-14.
30. K. Jagadeesh Babu, **K. Sri Rama Krishna**, and Dr. L. Pratap Reddy “A Triband Swastika Shaped Patch Antenna with Reduced Mutual Coupling for Wireless MIMO Systems”, Journal of Electronics (China), **Springer**. Vol.28 No.4/5/6, November 2011, PP. 483-487, **H index – 6, Impact Factor – 0.22 (Scopus)**
31. J Lakshmi Narayana, **K. Sri Rama Krishna**, Dr. L. Pratap Reddy³, G V Subrahmanyam⁴, “Modeling of Capacitive Membrane Shunt Switch Using ANN”, International Journal of Computational Intelligence and Information Security, June 2011 Vol. 2, No. 6 **Australia** IC value 5.58
32. **K.Sri Rama Krishna**, J.Lakshmi Narayana and L.Pratap Reddy, “A Neural Network Inverse Modeling Approach for the Design of Spiral Inductor”, International Journal of Computer Science & Engineering Technology (IJCSET), ISSN : 2229-3345 Vol. 2 No. 3, March 2011, pp 54-62
33. Jagadeesh Babu. K , **Sri Rama Krishna. K**, Pratap Reddy. L, “A review on the design of MIMO antennas for upcoming 4G communications”, International Journal of Applied Engineering Research, Volume 1, No 4, 2011, PP. 85-93.
34. K. Jagadeesh Babu, **K.Sri Rama Krishna**, Dr.L.Pratap Reddy, “A Multi Slot Patch Antenna for 4G MIMO Communications”, A Multi Slot Patch Antenna for 4G MIMO Communications”, International Journal of Future Generation Communication and Networking, **SERSC, Korea**, Vol.4, No.2, June 2011, PP. 105-112.
35. Guruvareddy, **K. Sri Rama Krishna**, and M. N. Giri Prasad, “An Effective Local Contrast Enhancement Technique by Blending of Local Statistics and Genetic Algorithm”, ISSN 1054_6618, Pattern Recognition and Image Analysis, **SPRINGER** 2011, Vol. 21, No. 4, pp. 606–615. © Pleiades Publishing, Ltd., 2011. **H index – 8 (Scopus)**.
36. **K. Sri Rama Krishna**, J. L. Narayana and K. Anusha, “A Neural Network Modeling Approach for the Analysis of Lange Coupler”, International Journal of Electronic Engineering Research, ISSN 0975 - 6450 Volume 2 Number 4, 2010, pp. 463–478
37. K. Jagadeesh Babu, **K.Sri Rama Krishna**, Dr.L.Pratap Reddy, “A modified E shaped patch antenna for MIMO systems”, International Journal on Computer Science and Engineering (IJCSE), Vol. 02, No. 07, 2010, 2427-2430
38. K. Sri Rama Krishna, A. Guruva Reddy, M.N. Giri Prasad, A fault tolerant FPGA based image enhancement filter using self healing algorithm" International Journal of Engineering Science and Technology, ISSN 0975-5462, Volume 2 Issue 9, September 2010, pp:4923-4929.

39. **K. Sri Rama Krishna**, A. Guruva Reddy, M.N. Giri Prasad, K. Chandrabushan Rao & M. Madhavi, "Genetic Algorithm Processor for Image Noise Filtering Using Evolvable Hardware", International Journal of Image Processing, ISSN : 1985-2304, Volume (4): Issue (3), 2010, pp 240-250
40. M. Padmaja, **K.Sri Rama Krishna**, " Error Resilient Image Transmission over Wireless Fading Channels", International Journal of Engineering Science and Technology" Vol.2(5), 2010, 1242-1249.
41. P.Phani Kumar, **K.Sri Rama Krishna**, "Performance Evaluation of MLP for speech Recognition in Noisy Environment using MFCC and Wavelets", International Journal of Computer Science and Communication Vol-I, No-2, July- December 2010, pp. 321-325.
42. G. Hema Kumar, **K.Sri Rama Krishna** "Two-Stage Algorithm for Sub carrier, Bit and Power Allocation in OFDMA Systems", International Journal of Computer Science and Communication Vol-I, No- 2July - December2010, pp. 331-334
43. B. Vanajakshi, B. Sujatha, **K. Sri Rama Krishna**," A Study on Implementation of Advanced Morphological Operations", International Journal of Computer Science and Network Security, VOL.10 No.3, March 2010, pp.6-9
44. **K. Sri Rama Krishna**, S.Chitti Babu, P.Satya Narayana, "Failure Detection in all Optical Networks Using Monitoring Cycles and Monitoring Paths", International Journal of Computer Science and Information Engineering, Vol.1, No 2, December 2010,pp. 251-257.
45. Y Prathima, M Ravi Kumar, **K. Sri Rama Krishna** , "New Approach to Minimize the Impact of Residual MAI in Proposed Detector", International Journal of Computer Science and Information Engineering, Vol.1, No 2, December 2010,pp. 183-188.
46. **K.Sri Rama Krishna** , J.Lakshmi Narayana, K.Anusha, "A Neural Network Modeling Approach for the Analysis of Lange Coupler", ANU Journal of Engineering and Technology,2009, pp. 85-95,Vol 1. No.1, June 2009
47. J. Lakshmi Narayana, **K. Sri Rama Krishna**, and L. Pratap Reddy, Synthesis and Analysis of Branch Line Coupler Using Artificial Neural Network Models International Journal of Electronics and Communication Engineering, ISSN 0974-2166 Volume 2, Number 3 (2009), pp. 179-192
48. **K.Sri Rama Krishna** 1, J.Lakshmi Narayana² and L.Pratap Reddy³Performance Evaluation of ANN Models for the Analysis of Microstrip Low Pass Filters ICGST-International Journal of Artificial Intelligence and Machine Learning, ISSN: 1687-4846, Volume 9, Issue I, February 2009,pp 9-18
49. P.S.Suhasini ,**K.Sri Rama Krishna** and I.V.Murali Krishna , "CBIR Using Color Histogram Processing," Journal of Theoretical and Applied Information Technology, 2009, Vol. 6, Issue 1, pp. 116-122. (SCOPUS Indexed, Impact Factor: 0.27)
50. B.Vanajakshi, **K. Sri Rama Krishna**, "An Analysis of Thinning & Skeletoni -zation for Shape Representation", International Journal of Technology And Engineering(IJTES), Issue 1,Vol 1, May 2009

51. **J.Lakshmi Narayana, K Sri Rama Krishna. L.Pratap Reddy," ANN Models for Coplanar Strip Line Analysis and Synthesis", International Journal of Computer Science and Network Security, ISSN : 1738-7906, VOL.8 No.10, pp 200 - 204,October 2008**
52. **K.Sri Rama Krishna 1, J.Lakshmi Narayana2 , Dr.L.Pratap Reddy3** "ANN Models for Microstrip Line Synthesis and Analysis", International Journal of Electrical Systems Science and Engineering, ISSN 1307-8917, 1;3 © www.waset.org Summer 2008, pp 196-200(**SCOPUS**)
53. **K.Sri Rama Krishna 1, J.Lakshmi Narayana2 , Dr.L.Pratap Reddy3** "ANN Models for Microstrip Line Synthesis and Analysis", **International Journal of Electronics and Communication Engineering (IJECE), Vol1,Issue 01**
54. **A Gurava Reddy, K Sri Rama Krishna, "Autonomously Restructured Fault Tolerant Image Enhancement Filter", International Journal of Graphics, Vision, and Image Processing, ISSN 1687398X, Volume(8),Issue (III), pp 35-40,October, 2008.**
55. **P.S.Suhasini, K.Sri Rama Krishna and I V V Murali Krishna, Graph Based Segmentation in Content Based Image Retrieval, Journal of Computer Science 4 (8); 699-705, 2008, ISSN 1549-3636, (SCOPUS indexed, Impact Factor: 1.35)**

National Journals (Total :05)

1. **Sadulla Shaik, K. Sri Rama Krishna and Ramesh Vaddi, "Nano Scale Transistors with Circuit Interaction for Designing Energy-Efficient and Reliable Adder Cells at Low V_{DD} ," IETE Technical Review (Taylor & Francis), June, 2017, pp. 1-11. DOI: 10.1080/02564602.2017.1327826. SCI Expanded (IF: 1.304).**
2. Pallikonda Sarah Suhasini, **Dr. K. Sri Rama Krishna** , I. V. Murali Krishna," Content based Image Retrieval based on Different Global and Local Color Histogram Methods: A Survey", Journal of The Institution of Engineers (India): Series B Electrical, Electronics & Telecommunication and Computer Engineering, June 2016, ISSN 2250-2106, J. Inst. Eng. India Ser. B DOI 10.1007/s40031-016-0223-y. (**SPRINGER**)
3. J.Lakshmi Narayana, **Dr K Sri Rama Krishna. L. Pratap Reddy**, "Performance Evaluation of Neural Models for the analysis of GaAs MESFET", GITAM Journal, ISSN 0974 – 4622, Vol I, July-Dec, pp 31-41, 2008.
4. A Gurava Reddy, **Dr K Sri Rama Krishna**, "An Evolvable Hardware Chip for Illumination Tolerant Image Enhancement", GITAM Journal, ISSN 0974 – 4622, Vol I, July-Dec, pp 16-21, 2008.
5. Ms S Anuradha, **Dr K Sri Rama Krishna** "Performance analysis of SCDS-CDMA and MCDS- CDMA over Nakagami-M Fading Channel", **IETE Journal of Research**, Volume 24, Issue No4, July/August 2007, **H Index 9, Impact Factor- 0.2**

International Conferences (Total : 30)

1. **Sri Rama Krishna.K**, KVVS.Reddy, “An efficient algorithm using self organization map for pattern clustering”, International conference on remote sensing and GIS/GPS(ICROG2000), JNTU, Hyderabad, Vol 1.pp.570-574, 2000.
2. **Sri Rama Krishna.K**, KVVS.Reddy, “Performance indices to validate clustering solution in remote sensing”, International conference on remote sensing and GIS/GPS(ICROG2000), JNTU, Hyderabad, vol 1.pp.530-533, 2000.
3. **Sri Rama Krishna.K**, KVVS.Reddy, “ Enhancement of pattern classification accuracy by pruning technique”, International Conference on Bio medical Engineering, Anna University, pp.190-193, 2001.
4. **Sri Rama Krishna.K**, KVVS.Reddy, “A new scheme for prediction of sea surface Temperature using artificial neural networks”, International conference on computer applications in Electrical engineering, University of Roorkee,Roorkee,2001.
5. **Dr.Sri Rama Krishna.K**, KVVS.Reddy, J.Lakshmi Narayana, “ Modified Temporal difference method for prediction of sea surface temperature”, International Conference ICROG-2006, JNTU, Hyderabad, pp20,2006.
6. **Dr.Sri Rama Krishna.K**, J.Lakshmi Narayana, “Vector network analyzer calibration using artificial neural networks”, International Conference 3C-2006, R.V.College of Engineering, Bangalore,2006.
7. **Dr.Sri Rama Krishna.K**, J.Lakshmi Narayana, “Neural network models for non-linear devices and circuits”, International Conference 3C-2006, R.V.College of engineering, Bangalore,2006.
8. **Dr.Sri Rama Krishna.K**, L.Pratap Reddy, J.Lakshmi Narayana, “Design of Microstrip Antenna using Artificial Neural networks”,ICCIMA-07, Mepco Schlenk Engineering College, Sivakasi,2007.
9. **Dr.Sri Rama Krishna.K**, L.Pratap Reddy, J.Lakshmi Narayana, “Neural Network Training Algorithms for RF & Microwave Applications”ICACCT-2007,APIIT, Panipat.
10. **Dr.Sri Rama Krishna.K**, L.Pratap Reddy, J.Lakshmi Narayana, “ANN Structures for RF and Microwave Applications”, RASJET, 2007, IET Alwar.
11. **P.S.Suhasini & K.Sri Rama Krishna**, "Content Based Image Retrieval using Texture and Shape Features" International Conference on Information Systems & Technology (ICIST2007), MES College of Engineering, Kuttipuram, Kerala, Dec14-15, 2007, page. no.109-112.
12. A Gurava Reddy, **Dr K Sri Rama Krishna**, “Reconfigurable Circuit Design using Evolvable Hardware Chip for Illumination Tolerant Image Enhancement, **IEEE** International Conference, 2008
13. J.Lakshmi Narayana ,**Dr.K.Sri Rama Krishna.**, Dr.L.Pratap Reddy, “ ANN Models for Coplanar Strip Line Analysis and Synthesis”, International Conference on Microwave-08, Jaipur 21st – 24th November,2008
14. K.Jagadeesh Babu, **Dr.K.Sri Rama Krishna**,J.Lakshmi Narayana “ Design and Modelling of Microwave Band Pass filter Using ANN “International Conference on Advanced Communication & Informatics (ICACI-09),Vellore,11th -13th JAN2009
15. K Jagadeesh Babu, **Dr. K Sri Rama Krishna**, Dr. L Pratap Reddy, “ Modeling the channel capacity of wireless MIMO antennas”, International Conference on Power, Control, Signal and Computation, Thrissur, 2010.
16. K Jagadeesh Babu, **Dr. K Sri Rama Krishna**, Dr. L Pratap Reddy, “The impact of spatial correlations on wireless MIMO antennas”, International Conference on Emerging Trends in Engineering ICETE-2010, Jayasingapur.
17. B.Vanajakhsi, **K.Sri Rama Krishna**, L.Pratap Reddy “A Novel Approach for Boundary Detection based on Mathematical Morphology using Different Neighborhoods”, International

- Conference on Advanced Computing and Communication Technologies (ACCT 2011), ISBN: 978-981-08-7932-7 pp. 247-250
18. N.Lavanya, P.S.Suhasini, **K.Sri Rama Krishna** and I.V.Murali Krishna, "CBIR Based on Local Histograms with HSV Quantization," Proceedings of International Conference on Control, Communication and Computer Technology, Delhi, August 2011, pp. 464-467.
 19. P.S.Suhasini, **K.Sri Rama Krishna** and I.V.Murali Krishna, "Combining SIFT and Invariant Color Histogram in HSV Space for Deformation and Viewpoint invariant Image Retrieval," **IEEE** International Conference on Computational Intelligence and Computing Research, Tamilnadu College of Engineering, Coimbatore, December 2012, pp. 666-669. (IEEE Xplore)
 20. K Jagadeesh Babu, **K Sri Rama Krishna**, "A Novel Swastika Shaped Dielectric Resonator Antenna for MIMO Systems" IEEE International Microwave and RF Conference (IMaRC) Bangalore pp 170-173, Dec 2014
 21. K. Padmavathi, **K Sri Rama Krishna**, "Myocardial Infarction detection using Magnitude Squared Coherence and Support Vector Machine", **IEEE** conference on Medical Imaging, M-health & Emerging Communication systems., G.L Bajaj Institute of Technology and Management, Noida, November 2014.
 22. K. Padmavathi, **K Sri Rama Krishna**, "Classification of ECG signal during Atrial Fibrillation using Autoregressive modeling", International conference on Information and Communication Technologies, **Elsevier** Procedia Computer Science, Kerala University of Science and Technology, Kerala, December 2014.
 23. Vallabhaneni, Harshita, Aditya Japa, Sadulla Shaik, **K Sri Rama Krishna**, and Ramesh Vaddi. "Designing energy efficient logic gates with Hetero junction Tunnel fetts at 20nm." In *Devices, Circuits and Systems (ICDCS), 2014 2nd International Conference on*, pp. 1-5. IEEE, 2014.
 24. M. Pavan kumar, Sadulla Shaik, Prathiba Jonnala, G. B. V. Ramulu¹ and **Dr. K. Sri Rama Krishna**. "Design of a Cost-effective Wireless Patient Monitoring System Using PIC16F877A." *9th International Conference on Intelligent Systems and Control (ISCO-2015)*.
 25. Padmavathi Kora, **K Sri Rama Krishna**, "Classification Bundle Branch Block using Bat Algorithm and Levenberg Marquardt Neural Network", ICTIS 2015 November 28 - 29, 2015, Ahmedabad, INDIA, (Accepted) **Springer - Verlag Germany (Springer SIST)**
 26. P.Phani Kumar, and **K. Sri Rama Krishna**. "Performance of Speaker Independent Language Identification System Under Various Noise Environments." Information systems Design and Intelligent Applications. **Springer** India, Vol.1, 2016, pp 315-320.
 27. Padmavathi Kora, **K Sri Rama Krishna**, "Bundle Block Detection using Genetic Neural Network", International System design and Intelligent Applications (INDIA), AISC, **Springer**, India, Vol.1, 2016, pp
 28. Sadulla Shaik, **K Sri Rama Krishna**, and Ramesh Vaddi, "Circuit and Architectural Co-Design for Reliable Adder Cells with Steep Slope Tunnel Transistors for Energy efficient Computing" *29th International Conference on VLSI Design and 15th International Conference on Embedded System (VLSI Design-2016)* On January 4-8, 2016
 29. Sadulla Shaik, **K Sri Rama Krishna**, and Ramesh Vaddi, "Tunnel Transistors with Circuit Co-Design in Designing Reliable Logic Gates for Energy Efficient Computing" *IEEE Asia Pacific Conference on Post Graduate Research in Microelectronics and Electronics (Prime Asia-2015)*. 27th - 29th November 2015
 30. Rakesh Y, **Sri Rama Krishna K**, "Wavelet based Saliency Detection for Stereoscopic Images aided by disparity information", 3rd Conference on Computer & Communication Technologies

National Conferences (Total :10)

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