Dr. S. Srinivas Kumar
M.Tech., Ph. D (IIT KGP)
Vice-Chancellor
Jawaharlal Nehru Technological University Anantapur
Anantapuram – 515 002, Andhra Pradesh, India

Bio-data

Name	:	Dr. Samayamantula Srinivas Kumar
Parents	:	(Late) Shri S. Satyanarayana Rao Smt. S.Lakshmi Devi
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E-mail	:	samay_ssk2@yahoo.com samayamantula1963@gmail.com vc@jntua.ac.in
Nationality	:	Indian
Religion	:	Hindu
Date of Birth & Place of Birth	:	28th March, 1962 Ryali – 533 236 (Near Ravulapalem) East Godavari District Andhra Pradesh, India

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	Ph. D	Indian Institute of Technology, Kharagpur	Digital Image Processing	2003
2.	M.Tech	JNT University, Hyderabad/ JNTU College of Engg., Kakinada	Instrumentation & Controls	1987
3.	B.Tech	Nagarjuna University, Nagarjuna Nagar / V.R.Siddartha Engg. College, Vijayawada	Electronics & Communication Engg.	1985

Details of Doctoral thesis:

Area : Digital Image Processing

Title : "Fuzzy-Set Theory, Rank Correlation and Zernike Moments based Two Frame Stereo Matching Algorithms"

Supervisor : Professor B.N.Chatterji, Indian Institute of Technology, Kharagpur

Year of award of Ph.D : 2003

Professional Experience :

S.No.	Institution/Organization	Position held	Duration
1	Jawaharlal Nehru Technological University Anantapur	Vice-Chancellor	Dec, 2017 – Till date
2	JNTU College of Engg. Kakinada	Professor of ECE	2003-2017
3	JNTU College of Engg. Kakinada	Associate Professor Dept of ECE	1999-2003
4.	JNTU College of Engg, Kakinada	Lecturer in ECE Dept. re-designated as Assistant Professor	1988-99
5	JNTU College of Engg. Anantapur	Lecturer in ECE Dept. re-designated as Asst Professor	1987-88

Administrative Experience :

S.No.	Administrative Post held	Duration
1.	Vice-Chancellor Jawaharlal Nehru Technological University Anantapur Anantapuram	2017- Till date
2.	Co-ordinator UGC-Inter University Centre for Teacher Education, Kakinada	2013 - 2017
3.	Director (R & D) Jawaharlal Nehru Technological University, Kakinada	2011-2017
4.	Director (Sponsored Research) Jawaharlal Nehru Technological University Kakinada	2009 – 2011
5.	Head of the Department Electronics and Communication Engineering JNTU College of Engg., Kakinada (Andhra Pradesh)	2006 – 2009
6.	Nodal Officer to implement World Bank project Technical Education Quality Improvement Programme (TEQIP–phase 1) at JNTU College of Engineering, Kakinada	2005 – 2009
7.	Training and Placement Officer JNTU College of Engineering, Kakinada	2001 – 2005

Achievements as Training and Placement Officer :

❖ Turnaround to the Institution in campus recruitments
❖ Pivotal role in Accrediting the Institute by TCS and L&T etc.
❖ Organized many Training programmes to improve the soft skills of students
❖ Recruited nearly 500 students within the campus in reputed organizations.

Achievements as Nodal officer (TEQIP) :

❖ Implemented World Bank Project worth Rs.11.258 crores
❖ Developed the Campus wide Networking at JNT University, Kakinada Campus
❖ Active role in procuring equipment, software, and Furniture worth Rs. 9.6crores
❖ Active role in organizing various training programmes to community
❖ First position in Andhra Pradesh state and 11th position in the country out of 127 Institutions in terms of impact evaluation factor in implementing TEQIP.

Achievements as Head of the Department :

- ❖ Active role in implementation of TEQIP project in the Department
- ❖ Developed Signal & Image Processing laboratory
- ❖ Developed state of the art computer laboratories
- ❖ Improvement in the ambience of the department
- ❖ Networking with the faculty of higher learning institutes
- ❖ Modernization of Electronics Laboratories
- ❖ Revision of UG & PG syllabi as Chairman – BoS for autonomous institute

Achievements as Director Sponsored Research:

- ❖ UGC – Sec 2 (f) & Sec 12(B) status to the University
- ❖ Sanction of 10.65 Crores financial assistance from UGC XI plan
- ❖ Organized workshops for the interaction with Industries & higher learning institutes
- ❖ Sanction of Rs.75 Lakhs from Ministry of Food Processing Industries to start M. Tech (Food Processing Technology)
- ❖ Actively involved to get the grants from DRDO and DST

Achievements as Director (R&D):

- ❖ Developed the Guidelines for R & D students admitted from.2012-13 onwards
- ❖ Introduced Anti-Plagiarism check (Turnit-in) for improving the quality of thesis
- ❖ Research Review committee meetings to review the research of the students
- ❖ Sanction of 10.65 Crores of financial assistance from UGC under XII Plan
- ❖ Obtained DSIR certificate (2011-14, 2015-18) for customs and Central excise duty exemption
- ❖ Streamlined the procedures of the Directorate

Achievements as Co-ordinator, Inter University Centre for Teacher Education:

- ❖ Registration of IUC – TE society
- ❖ Active interaction with UGC officials to organize the programmes
- ❖ Inauguration of IUC – TE presence of Chairman, UGC, New Delhi
- ❖ Organized the workshops to faculty of various institutions

Activities as Vice-Chancellor, JNT University Anantapur

- ❖ Initiated the recruitment of faculty positions (158 positions)
- ❖ Initiated the process of improving the Campus ambiance & Academic Ambiance
- ❖ Initiated the Construction of New Academic & Administrative Builidngs
- ❖ Initiated the process of starting new courses

Other Achievements   :

- ❖ 3rd rank in Nagarjuna University in Undergraduate Programme
- ❖ Best teacher award for the year 2010 from ECE Dept., adjudged by 2006-2010 Outgoing students
- ❖ Organized NTRVSET Entrance test to select SC & ST candidates for sponsored training to Civil Services examination in the year 2015 & 2016

Teaching Experience: 30+ years to teach UG & PG Courses

Subjects Taught:

Undergraduate courses	Post graduate courses
❖ Electronic Devices and Circuits ❖ Network Analysis ❖ Linear control systems ❖ Microprocessors and Interfacing Techniques ❖ Computer Organization ❖ Digital Signal Processing ❖ C Programming ❖ Analog Communications ❖ Linear IC's and its applications	❖ Network Synthesis ❖ Digital Control Systems ❖ Process Control Instrumentation ❖ Artificial Neural Networks ❖ Non-Linear and Optimal Control systems ❖ Advanced Signal Processing ❖ Digital Image Processing ❖ Transform Techniques

- ❖ In addition, the laboratories of UG and PG programmes in the areas of Electronics and Computers have been dealt with.

Invited Lectures:

- ❖ More than 85 invited lectures are delivered in reputed institutions, Engineering Staff College of India, and also in UGC Academic Staff College at JNTU Hyderabad, in the areas of Signal and Image Processing, Research Methodologies, Teaching Methodologies, and Artificial Neural Networks, etc.

Research Projects completed as Co-ordinator:

- ❖ AICTE has sanctioned an amount of Rs.8.00 Lakhs under the 'Modernization & Removal of Obsolescence' in ECE Department, JNTU College of Engineering, Kakinada, to develop '**Microprocessors and Microcomputers Laboratory**' in the year 1996.

Research Experience and Guidance provided:

Total research experience   :   21 years

- ❖ Guided 80+ Undergraduate projects and 50+ Postgraduate theses
- ❖ Guided students to work and present the research papers in student paper contests
- ❖ Presently, supervising Research scholars for their Ph. D.

Number of Research publications:

International Journals	:	57
National Journals	:	10
International Conferences	:	37
National Conferences	:	08

Performance Indices of Publications : (as on 28th November, 2018)

Total Citations	:	728
h -Index .	:	13
i-10 Index	:	17

Other Details:

- ❖ Approved Supervisor to supervise the Research scholars admitted in Vellore Institute of Technology, Vellore.

Text Books / Monographs Authored:

1. Ch. Srinivas Rao and **S. Srinivas Kumar**, "Content Based Image Retrieval: Fundamentals and Algorithms," Lap Lambert Publishers, Germany, August, 2012.

2. B. Chandra Mohan and S**. Srinivas Kumar**, "Digital Image Watermarking Basics and Algorithms," Lap Lambert publishers, Germany, August, 2012.

3. Co-edited the Proceedings of the International Conference on "Micro Electronics, Electromagnetics and Telecommunications" held in GITAM, Visakhapatnam in 2015.

4. Tirupal T., Chandra Mohan B., Srinivas Kumar S., (2019), MultimodalMedical Image Fusion Based on Fuzzy Sets with Orthogonal Teaching Learning Based Optimization. In Verma N, Ghoash A (eds), Computational Intelligence Theories Applications and Future Directions – Volume II. Advances in Intelligent Systems and Computing, Vol. 799, Springer, Singapore, https://doi.org/10.1007/978-981-13-1135-2_37 ISBN: 978-981-13-1134-5.

Research guidance Provided

Name of the Research Scholar	Title of the Thesis	Year of award
Details of Ph. Ds' Awarded		
Dr. K. Veera Swamy QIS College of Engg., Ongole	Development of Lossy Image Compression Techniques in transform domain	2009
Dr. B.Chandra Mohan Bapatla Engg College, Bapatla	Evaluation of Proposed Oblivious and Semi-Oblivious Digital Image Watermarking Algorithms in Transform and Hybrid domain	2009
Dr. Ch. Srinivasa Rao JNTU Kakinada	Development and Performance evaluation of Shape based Image Retrieval algorithms	2009
Dr. D. Jayadevappa M. S. Ramaiah Institute Technology, Bangalore	Development and Performance evaluation of Medical Image Segmentation Algorithms	2010
Dr. N. Leelavathi Pragathi Engineering College Surampalem	Development and Performance Evaluation of Image and Video watermarking Algorithms in Discrete wavelet transform domains	2015
Mr. Ramu Pillalamarri Presently working in Samsung	Radio Frequency and Microwave Patch Antennas for UWB Communications	2017
Mr. Ravikiran Varma MVGR College of Engineering Vizianagaram	Design and Performance evaluation of Firewall and Intrusion Detection system using Soft computing Techniques	2017
Ms. B. Lakshmi Sirisha VR Siddartha Engineering College, Vijayawada	Development and Performance Evaluation of Algorithms for Image Stegnography	2018
Ms. N. Anupama Nagarjuna University Guntur Presently at VIT Amaravathi	Development and Performance Evaluation of Set-Theoritic approaches for segmenting Magnetic Resonance Images of Brain	2018
Mr. T. Tirupal G. Pullaiah College of Engineering Kurnool	Development and Performance Evaluation of Medical Image fusion using undecimated DWT and Fuzzy set theoretic techniques	2018

Details of Ph. D theses submitted for Evaluation

Ms. V. Radhika University College of Engg. JNT University Kakinada	Performance Evaluation of Image Fusion Algorithms using Statistial Measures and Human Visual System Model	2017
Mr. R V V Krishna Aditya Group of Instiutions, Surampalem	Performance Evaluaiton of Colour Image Segmentation algorithms using softcomputing Techniques	2017
Ms. Suvarchala Narasaraopet	Performation evaluation of Iris Recogniton Algorithms under Non-ideal conditions	2018

Details of Ph. Ds' under the supervision (Presently)

S. No.	Names of Research scholars	Area of the Research
1	Mr. D.Kishore	'Video Retrieval'
2	Mr. G. S. Naveen Kumar	'Video Retrival'
3	Mr. M.K. Muinuddin Chisti	'Fault detection in Texture'
4	Ms. G.Sridevi	'Image Inpainting'
5	Ms. V. Ratna Kumari	'Ear Recognition'
6	Mr. Mallikarjuna Rao	'Video Retrieval'
7	Ms. Bhanusri	'Emotion recognition in speech'
8	Mr. V.G.K. Kasyap	'Satellite Image Segmentation'
9	Mr K. Durga Ganga Rao	'Facial Image Recognition'
10	Mr. J. Damodhar	'Image compression'

List of publications:

International Journals:

1. **S. Srinivas Kumar** and B.N. Chatterji, "Stereo Matching Algorithms Based on Fuzzy Approach," *Int. J. of Pattern Recognition and Artificial Intelligence,* vol. 16, no. 7, pp. 883-899, Nov. 2002.

2. Ch. Srinivasa Rao, **S. Srinivas Kumar**, and B.N. Chatterji, "Content Based Image Retrieval using Contourlet Transform," *Int. J. of Graphics, Vision, and Image Processing,* vol. 7, no. 3, pp. 9-15, Nov. 2007.

3. K. Veeraswamy, **S. Srinivas Kumar**, and B.N. Chatterji, "Designing Quantization Table for Hadamard Transform based on Human Visual Systems for Image Compression," *Int. J. of Graphics, Vision, and Image Processing*, vol. 7, no. 3, pp. 31-38, Nov. 2007.

4. B. Chandra Mohan and **S. Srinivas Kumar**, and B.N. Chatterji, "A Robust Digital Image Watermarking Scheme using Singular Value Decomposition, Dither Quantization, and Edge Detection," *Int. J. of Graphics*, Vision, and Image Processing, Vol. 8, No.1, pp.17-23, 2007.

5. B. Chandra Mohan and **S. Srinivas Kumar**, "Robust Digital watermarking scheme using Contourlet transform," *Int. J. of Computer Science and Network Security,* vol. 8, no. 2, pp. 43-51, 2008.

6. B. Chandra Mohan and **S. Srinivas Kumar**, "A Robust Image Watermarking Scheme using Singular Value Decomposition," *J. of Multimedia*, vol. 3, no. 1, pp. 7-15, 2008.

7. K. Veeraswamy and **S. Srinivas Kumar**, "An Improved wavelet based image compression and oblivious watermarking," *Int. J. of Computer Science and Network security*, vol. 8, no. 4, pp. 170-177, Apr. 2008.

8. K. Veeraswamy and **S. Srinivas Kumar**, "Adaptive AC coefficient prediction for image compression and blind watermarking," *J. of Multimedia*, vol. 3, no. 1, pp. 16-22, May. 2008.

9. B. Chandra Mohan and **S. Srinivas Kumar**, "A robust multiple image watermarking scheme using Discrete Cosine transform with multiple descriptions," *Int. J. of Computer theory and Engineering,* vol. 1, no. 5, pp. 527-532, Dec. 2009.

10. Ch. Srinivasa Rao and **S. Srinivas Kumar**, "Content Based Image Retrieval using Singular Value Decomposition and Fuzzy set theoretic technique," *Int. J. of Intelligent Information Processing,* vol. 2, no. 2, pp. 187-201, 2008.

11. D. Jayadevappa, **S. Srinivas Kumar**, and D.S. Murthy, "A New Deformable model based on Level sets for medical Image segmentation," *Int. J. of Computer Science,* vol. 36, no. 3, pp. 199-207, Dec. 2009.

12. D. Jayadevappa, **S. Srinivas Kumar,** and D.S. Murthy, "A Hybrid segmentation model based on watershed and gradient vector flow for the detection of Brain tumor," *Int. J. of Signal processing, Image processing and Pattern Recognition,* vol. 2, no. 3, pp. 29-42, Sep. 2009.

13. Ch. S. Rao, **S. Srinivas Kumar**, and B.C. Mohan, "Content Based Image Retrieval using Exact Legendre Moments and Support Vector Machine," *Int. J. of Multimedia & its Applications*, vol. 2, no. 2, pp. 69-79, May. 2010.

14. K. Veeraswamy, B. Chandra Mohan, Y V Bhaskar Reddy, and **S. Srinivas Kumar**, "Image Compression and Watermarking scheme using Scalar quantization," *Int. J. on Next Generation Network,* vol. 2, no. 1, pp. 37-47, Mar. 2010.

15. Y. V. Pavan Kumar, Y. Jagan Mohan Reddy, and **S. Srinivas Kumar, "**MATLAB / Simulink versus refined real time simulation of an alternative electrical energy system in dynamic aspects," *Int. J. of Engineering Research and Applications (IJERA),* vol. 1, no. 3, pp. 1051-1056, Sep. 2011.

16. N. Leelavathi, E. V. Prasad, **S. Srinivas Kumar**, and B. Chandra Mohan, "Oblivious Image Watermarking in Discrete Multiwavelet Domain using QIMM," *J. of Multimedia*, vol. 6, no. 4, pp. 359-368, Aug. 2011.

17. N. Leelavathy, E. V. Prasad, and **S. Srinivas Kumar**, "A scene based Video watermarking in Discrete Multiwavelet domain," *Int. J. of Multidisciplinary sciences and Engineering*, vol. 3, no. 7, pp. 12-16, Jul. 2012.

18. Ramu Pillalamarri, G. Sasi Bhushana Rao, and **S. Srinivas Kumar**, "Novel Printed Circular Disc Microstrip Line Fed Monopole Antennas for UWB Applications", *The J. of Acta Electrotehnica*, vol. 50, no. 3, pp. 205-209, 2009.

19. G. Sasi Bhushana Rao**,** Ramu Pillalamarri and S. **Srinivas Kumar**, "Investigation on Size Miniaturization in Circular Patch Monopole Antennas for UWB Applications, *The Journal of Acta Electrotehnica*, vol. 50, no. 4, pp. 236-240, 2009.

20. Pillalamarri Ramu, G Sasi Bhushana Rao and **S. Srinivas Kumar** "Semi Circular microstrip line fed printed monopole antennas for UWB communication", *The Journal of Acta Tehnica Corviniensis*, vol.5, No.4, pp. 71-74, Oct-Dec. 2012.

21. Pillalamarri Ramu, G Sasi Bhushana Rao and **S. Srinivas Kumar**, "A Novel Approach for Efficiency enhancement and size miniaturization of UWB printed Antennas," *Int. J. of Engineering – Annals of Faculty Engineering Hunedeoara – Roamania*, vol. VIII, pp. 67 -72, 2010.

22. N. Leelavathy, B. S. Priyatham, and **S. Srinivas Kumar**, "A watermark for Image Authentication using Mapping Code book," *Int. J. of Computer Applications*, vol. 93, no.12, pp. 38-42, May. 2014.

23. G. Sasibhushana Rao, **S. Srinivas Kumar** and Ramu Pillalamarri, "Small modified printed planar ultrawide band disc antennas with etched ground plan," in Springer Journal: *Microsystem Technologies*, vol.21, no.5, May, 2015, pp.1081-1086.

24. G. Sasibhushana Rao, **S. Srinivas Kumar** and Ramu Pillalamarri, "Analysis and Review on usage of Broadband Techniques in Design of Printed Antennas for UWB Communications," Springer journal: Microsystem Technologies, Springer Berlin, Heidelberg, vol.21, no.7, July, 2015, pp.1423 – 1426, USA.

25. **S.Srinivas Kumar**, G. Sasibhushana Rao and Ramu Pillalamarri, "Rectangular Slotted Microstrip line fed Compact Printed Antenna with etched Ground Plane for UWB Communicatons," in Springer Jounal: Microsystem Technologies, Springer Berlin Heidelberg, vol.21, no.10, Aug.2014, pp.2077-2081, USA

26. G. Sasibhushana Rao, **S. Srinivas Kumar** and Ramu Pillalamarri, "Printed planar Circular radiating patch wideband antennas," *Springer Journal: Micro system Technologies,* vol. 21, no.11, Sep. 2014, pp.2321-2325, USA.

27. G. Sasibhushana Rao, **S. Srinivas Kumar** and Ramu Pillalamarri, "Cross shaped slot printed UWB monopole antenna with notch function," *Springer Journal: Micro system Technologies*, vol. 21, No.11 Oct. 2014, pp.2327-2330, USA.

28. N. Leelavathy, E. V. Prasad, and **S. Srinivas Kumar,** "Video Watermarking Techniques – A Review," *Int. J. of Computer Applications*, vol. 104, no.7, pp. 24-30, Oct. 2014.

29. N. Leelavathy, E. V. Prasad, and **S. Srinivas Kumar**, "Discrete Multiwavelet–Based Video Watermarking Scheme Using SURF ," ETRI Journal, vol. 37, no. 3, June. 2015, pp. 595-605.

30. R. V. V. Krishna and **S. Srinivas Kumar,** "Color Image Segmentation using Soft Rough Fuzzy-C-means Clustering And SMO Support Vector Machine," Signal and Image Processing : An International Journal (SIPIF), vol. 6, no.5, Oct. 2015, pp. 49 -62

31. B. Lakshmi Sirisha, **S.Srinivas Kumar**, B.Chandra Mohan, "Steganography based image sharing with reversibility" Journal of Discrete Mathematical Sciences and Cryptography, vol.19, no.1, Feb, 2016, pp no. 67-80. (Taylor & Francis)

32. B. Lakshmi Sirisha, **S.Srinivas Kumar**, B.Chandra Mohan," Identification of cheaters in elections using steganography" Journal of Information and Optimization Sciences, vol.37, no.2, March, 2016, pp no. 271-278 (Taylor & Francis)

33. B. Lakshmi Sirisha, **S.Srinivas Kumar**, B.Chandra Mohan, "Image hiding using Range Normalization" , Elixir International Journal, vol. 82, 2015, 32105-32107

34. N. Anupama, **S. Srinivas Kumar**, E. Srinivas Reddy, "Rough set based MRI Medical Image Segmentation using optimized initial centroids", International Journal of Emerging Technologies in computational and applied sciences, vol. 6, no. 1, 2013, pp 90 – 98

35. RVV Krishna, **S.Srinivas Kumar, "**Hybridizing Differential Evolution with a Genetic Algorithm for Color Image Segmentation," Engineering, Technology, and Applied Science Research Vol. 6, No. 5, 2016, pp No. 1182-1186.

36. N. Anupama, **S. SrinivasKumar**,E. Srinivasa Reddy, "Soft fuzzy rough set-based MR Brain image segmentation," Applied Soft Computing, Elsevier publishers, vol. 54, , 2017, pp. 456-466..

37. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar S**, "Ant Colony Optimization Based Firewall Anomaly Mitigation Engine," Springerplus Journal, Vol. 5, No. 1, pp 1-32, 2016. (SCI, SCOPUS Indexed). Impact Factor 0.982

38. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar. S,** "Feature selection using relative fuzzy entropy and ant colony optimization applied to real-time intrusion detection system," Elsevier Procedia Computer Science Journal, Vol. 85, No. 2016, pp. 503-510, 2016. (SCOPUS Indexed)

39. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar S**, "Application of Rough Sets and Ant Colony Optimization in Feature Selection for Network Intrusion Detection,"International Journal of Applied Engineering Research, Vol. 10, No. 22, pp. 43156-43163, 2015. (SCOPUS Indexed)

40. PVL Suvarchala, **S Srinivas Kumar**, B Chandra Mohan, "Heterogeneous Features using S-transform and Local Binary Patterns for Non-ideal Iris Recognition", *Graphics, Vision and Image Processing,* Vol. 15, No. 2, December, 2015, ISSN No. 1687-398X

41. G.Sasibhushan Rao, **S. Srinivas Kumar**, and Ramu Pillalamarri, "Analysis and Review on Usage of Broad band Techniques in Design of Printed Antennas for UWB Communications," Springer Journal: Microsystem Technologies, Vol.21, no.7, pp.1423 -1426, July, 2015, USA.

42. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar S**, "A Novel Rough Set Attribute Reduction Based on Ant Colony Optimization," International Journal of Intelligent Systems Technologies and Applications, Vol. 14, No. 3/4, pp. 330-353, 2015. (Inderscience, SCOPUS, ACM Indexed)

43. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar S**, "Hybrid Computational Intelligent Attribute Reduction System, based on Fuzzy Entropy and Ant Colony Optimization," Proc. of the International Conference on Soft Computing Intelligent Systems and Applications, Bengaluru, 2016, published in Advances iin Intelligent Systems, and Computing, Springer, Vol.628, 2018 (in press)

44. Radhika Vadhi, Veeraswamy Kilari, and **Srinivas Kumar S, "**Image fusion using HVS in Discrete Wavelet Transform domain," *Graphics, Vision and Image Processing Journal*, Vol.16, No.2, December, 2016, pp 1-13

45. Radhika Vadhi, Veeraswamy Kilari, and **Srinivas Kumar S,** "Smoothness measure for Image fusion in Discrete Cosine Transform," *International Journal of Advanced Computer Science and Applicaitons,* Vol. 7, No. 5, 2016, pp 103-111.

46. R Vadhi, V S Kilari and **Srinivas Kumar S**, "An Image fusion Technique based on Hadamard Transform and HVS," *Engineering Technology & Applied Science Research*, Vol. 6, No.4, 2016, pp.1075 – 1079

47. K. Chisti Mohammed, **Srinivas Kumar S**, and Prasad G, "2D Gabor filter for Surface defect Detection using GA and PSO Optimization Techniques," Advancement of Modelling & Simulation Techniques in Enterprises Journal. Series Advances B., Vol.58, No. 1, 2015, pp.67-83

48. T.Tirupal, B.Chandra Mohan, **S.Srinivas Kumar**, "Multimodal Medical Image Fusion based on Sugeno's Intuitionistic Fuzzy Sets**"** ETRI Journal (Electronics and Telecommunications Research Institute), Vol.39, No.2, 2017, pp 173-180.

49. T.Tirupal, B.Chandra Mohan**, S.Srinivas Kumar**, "Multimodal Medical Image Fusion based on Yager's Intuitionistic Fuzzy Sets" Iranian Journal of Fuzzy systems, an SCI and Scopus index Journal, accepted for publication

50. G.Sridevi and **S. Srinivas Kumar**,"p-Laplace variational image inpainting model using Reisz fractional differential filter," International Journal of Electrical and Computer Engineering, vol.7, No.2, pp-850-857, April, 2017

51. G. Sridevi and **S. Srinivas Kumar**, "Image inpainting and enhancement using fractional order variational model," Defence Science Journal, vol.67, No.3, pp.308-315, May, 2017.

52. N. Anupama, **S. SrinivasKumar**,E. Srinivasa Reddy, "Genralized rough intutionistic fuzzy c-means for MR Brain image segmentation," IET image processing.-Article in press.

53. B. Lakshmi Sirisha, **S.Srinivas Kumar**, B.Chandra Mohan," Image stegnography using eigen values and eigen vectors" communicated to Journal of Information and Optimization Sciences (Taylor & Francis)

54. R Vadhi, V S Kilari and **Srinivas Kumar S**, "Digital Image Fusion Using HVS in Block Based Transforms", Journal of Signal Processing Systems, Springer, pp-1-11, July 2017.

55. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar S,** "Packet Filter Firewall Rule Anomalies and Mitigation Techniques: A Technical Review," CiiT International Journal of Networkinig and Communications, vol. 9, no.4, pp 101-108, April, 2017

56. PVL Suvarchala and **S. Srinivas Kumar**, "Texture Synthesis and modified filter bank in contourlets for improved Iris Recogntion," Pattern Analysis and Applications, Springer, http://doI.org/10.1007/s10044-018-0700-9, 2018 (SCIE Journal)

57. P.V.L. Suvarchala, S.Srinivas Kumar, "Feature set fusion for spoof iris recognition, Engineering, Technology and applied science research," vol.8, No.2, 2018, pp.2859-2863 (ESCI journal)

National Journals:

2. M. C. Chandra Mouly, S. Surender, C. Damodara Rao, and **S. Srinivas Kumar**, "Effect of Counterpoise on VOR Antenna Radiation Patterns," *J. of Institution of Engineer (India),* vol. 65, Part. Et-1, pp.11-13, Aug. 1984.

3. **S. Srinivas Kumar**, "Artificial Neural Networks – A New trend in computation," *C. S. I Communications*, pp. 27-29, Jan. 1996.

4. **S. Srinivas Kumar** and B. N. Chatterji, "Robust Similarity Measures for Stereo Correspondence," *J of Institution of Engineer (India),* vol. 85, pp. 44-51, Nov. 2004.

5.   **S. Srinivas Kumar** and B. N. Chatterji, "Two Frame Stereo Matching Algorithms – A Review," *IETE Journal of Research*, vol. 50, no. 1, pp. 49-61, Jan-Feb. 2004.

6.   K. Veeraswamy, **S. Srinivas Kumar**, and B. N. Chatterji, "Lossless Image Compression using Topological Pixel Reordering and Switched Predictor," *IETE Journal of Research*, vol. 53, no.6, pp. 505-512, Nov-Dec. 2007.

7.   G. Sasi Bhushana Rao**,** Ramu Pillalamarri and **S. Srinivasa Kumar**, "Compact Printed Semicircular Disc Microstrip Line Fed Monopole Antennas for UWB Applications", *The J. of Physical Sciences*, vol. 13, pp. 217-222, 2009.

8.   G .Sasi Bhushana Rao**,** Ramu Pillalamarri and **S. Srinivasa Kumar**, "Novel Printed Rectangular Patch Monopole Antennas with Slit Ground plane for UWB Applications," *The NEHU J.* vol. VIII, no. 1, Jan. 2010

9.   D. Jayadevappa, **S. Srinivas Kumar**, and D. S. Murthy, "Medical Image Segmentation Algorithms using Deformable Models – A Review," *IETE Technical Review*, Vol. 28, No. 3, May-Jun. 2011.

10. N. Anupama, **S. SrinivasKumar**,E. Srinivasa Reddy, " Set theoretic approaches to Magnetic Resonance Brain image segmentation,", to be published in IETE Technical Review (accepted for publication)

International Conferences:

1.   **S. Srinivas Kumar** and G. P. R. Sarvarayudu, "Character Reconstruction using Artificial Neural Networks," *Proc. of Int. conference on ROVPIA'94*, University of Sains Malaysia, Perak branch campus, Malaysia, pp. 565-573, 1994.

2.   **S. Srinivas Kumar**, B. N. Chatterji, and V. Ravindranath, "Comparative Performance of rank correlation techniques for stereo correspondence," *Proc. of Int. conf. on Recent Advances in Math. Sciences,* pp. 311-318, Narosa, IIT, Kharagpur, 2000.

3.   **S. Srinivas Kumar** and B. N. Chatterji, "Stereo Corresponding Using Fuzzy Approach," *Proc. of AFSS Int. conf. on Fuzzy Systems*, pp. 367-374, Springer, Calcutta, 2002.

4.   K. Veeraswamy, **S. Srinivas Kumar**, and B. N. Chatterji, "Lossless Image Compression using Topological Pixel Re-ordering," *Proc. of Int. Conf. on Visual Information Engineering*, organized by the IET Visual Information Engineering Network, Bangalore, pp. 218-222, Sep. 2006.

5. B. Chandra Mohan, **S. Srinivas Kumar**, and B.N. Chatterji, "Digital Image Watermarking in Dual Domain," *Proc. of Int. Conf. on Visual Information Engineering*, organized by the IET Visual Information Engineering Network, Bangalore, pp. 410-415, Sep. 2006.

6. **S. Srinivas Kumar**, B. Chandra Mohan, and B.N. Chatterji, "An Oblivious Image watermarking scheme using Singular Value Decomposition," *Proc. of Signal and Image Processing, organized by Int. Assoc. of Sci. and Tech. for Development (IASTED),* USA, pp. 19-24, Aug. 2007.

7. Ch. Srinivasa Rao and **S. Srinivas Kumar**, "Content Based Image Retrieval using Contourlet Sub band Decomposition," *Proc. of IEEE Int. Conf. SPIT COLLOQUIUM*, Mumbai, pp. 140-145, Feb. 2008.

8. K. Veeraswamy, B. Chandra Mohan, Y. V. Bhaskar Reddy and **S. Srinivas Kumar**, "Energy based quantization for Image compression using Contourlet transform," *proc. of IEEE Computer Society, CPS, NETCOM 09*, pp. 230-234, Dec. 2009.

11. B. Jagadeesh, **S.S. Kumar**, K. R Rajeswari, " A Genetic Algorithm based oblivious Image watermarking scheme using Singular Value Decomposition," *NETCOM2009*

12. K. Veeraswamy, B. Chandra Mohan, and **S. Srinivas Kumar**, " HVS based Robust Image watermarking scheme using Slant Transform," *Int. Conf. of Digital Image Processing,* Published by SPIE, vol. 7546, pp. 26-28, Feb. 2010

13. D. Jayadevappa. **S. Srinivas Kumar**, and D. S. Murty, "A fast Watershed Algorithm & its Application to Brain Tissue Segmentation," *Int. Conf. on Advances in Computer Vision and Information Technology (ACVIT-07) - IEEE*, Aurangabad, 2007.

14. D. Jayadevappa, **S. Srinivas Kumar**, and D. S. Murty, "Automatic Watershed segmentation & Comparison between pixel scan method & order Invariant algorithm for image segmentation" *Int. Conf. on Computational Intelligence and Multimedia Applications –ICCMA'07 Mepco - Schlenk Engineering College & IEEE*, Sep. 2007, published in *IEEE Computer Society*.

15. Y. V. Pavan Kumar, Y. Jaganmohan Reddy, and **S. Srinivas Kumar**, "Modeling and simulation of Hybrid power systems using PLCs with Human Machine Interface for Hardware in the Loop test," *Proc. of Int. Conf. on Nano-science, Engineering & Advanced computing, ICNEAC,* Swarnandhra college of engineering, vol. 1, pp. 361-366, Jul. 2011.

16. Radhika, K. Veeraswamy, and **S. Srinivas Kumar, "**Uniform based Approach for Image Fusion," *Proc. of Int. Conf. on Eco-friendly Computing and Communication Systems (ICECCS)*, Springer-Verlag, pp no.186 -194, Aug. 2012.

17. Pillalamarri Ramu, G Sasi Bhushana Rao and **S. Srinivas Kumar**, "Analysis on size miniaturization in printed circular disc monopole antennas for UWB Communications," IEEE *Communications society Russian Northwest Chapter*, pp.113 -118, St. Petersburg, Russia, October, 2009.

18. D. Jayadevappa, **S. Srinivas Kumar** and D.S. Murthy, "Image segmentation via Gradient watershed hierarchies and fast region merging," *Int. conf. on Modeling and Simulation*, Coimbatore, Aug. 2009.

19. Ramu Pillamarri, G. SasiBhushan Rao, S.Srinivas Kumar, "A Novel approach for efficiency enhancement and size miniaturization of UWB Anetennas*," International conference on Applied Electromagenetics, 2009*, pp 1-4

20. B. Jagadish, **S.S. Kumar**, K.R.Rajeswari, "Image watermarking scheme using Singular Value Decomposition, Quantization, and Genetic Algorithm," *Proceedings of International Conference on Signal Acquisition and Processing*, IEEE, pp No. 120-124, 2010

21. B. Chandra Mohan, K. Veeraswamy, and **S. Srinivas Kumar**, "A comparative performance evaluation of SVD and Schur decompositions for image watermarking," *Int. conf. on VLSI, Communication, and Instrumentation (ICVCI),* 2011.

22. P. V. L Suvarchala, **S. Srinivas Kumar**, and B. Chandra Mohan, "Effective Iris Recognition with S-Transform" *Proc. of Int. Conf. on Biomedical signals systems and Images*, IIT Madras, India, Nov.-Dec. 2012.

23. P. V. L Suvarchala, **S. Srinivas Kumar**, and B. Chandra Mohan, "Iris Recognition under Non-Ideal Imaging conditions and CCD noise," *5th Int. Conf. on Pattern Recognition and Machine Intelligence PReMI – 2013*, ISI, Kolkata, India from Springer-verlag Berlin Heidelberg, LNCS 8251, pp.319-326, Dec 2013.

24. Radhika. V, Veeraswamy. K, and **S. Srinivas Kumar**, "Performance Evaluation of Statistical measures for Image Fusion in Spatial Domain" *Proc. of IEEE Conf. on Networks and Soft computing,* Vadlamudi, pp. 381-388, Aug. 2014.

25. T.Tirupal, B. C. Mohan, **S. Srinivas Kumar**, "Multimodal Medical Image Fusion using Sugeno's intutionistic fuzzy sets", *Proceedings of International conference on Biomaterials, Biodiagnostics, Tissue Engineering, Drug Delivery and Regenerative Medicine, BiTERM-2016, IITDELHI, India, 15-17 April, 2016.*

26. R.V.V. Krishna and **S.Srinivas Kumar**, "Colour Image Segmentation using Soft Rough Fuzzy C-Means and Multi Class SVM" *Proceedings of the International Conference on Electronics and Communication Engineering*, JNT University, University College of Engineering, Vizianagaram, and also published as a research paper in International Journal on Cybernetics and Informatics, Vol. 5, No.4, August, 2016.

27. T.Tirupal, B.Chandra Mohan, **S.Srinivas Kumar**, "Multifocus Medical Image Fusion based on Fractional Lower Order Moments and Modified Spatial Frequency" *International Conference on Advances in Biotechnology, BIOTECH-2015,*IITKANPUR, India, ISSN: 2251-2489, 13-15 March 2015, pp.145-154.

28. T.Tirupal, B.Chandra Mohan, **S.Srinivas Kumar**, "A Fusion Method for Multimodal Medical Images Based on Fuzzy Sets with Teaching Learning Based Optimization" *International Conference on Advances in Scientific Computing,* IITMADRAS, Chennai, India, 28-30 November, 2016. (Paper Presented, Under Review for Springer Journal Publication)

29. T.Tirupal, B.Chandra Mohan, **S.Srinivas Kumar**, "Multimodal Medical Image fusion based on fuzzy sets with Orthogonal Teaching Learning Based Optimization" *International Conference on Computational Intelligence,* IITKANPUR, India, 6-8 December, 2017. (Paper Accepted for Presentation to be Published in Springer Journal, Advances in Intelligent Systems and Computing (AISC).

30. Radhika V., Veeraswamy.K, **Srinivas Kumar S**, "Image Fusion using Uniformity in HT domain," *Proceedings of International Conference on Information and Computer Technologies-2016*, 12-13 December, 2016, Bangkok

31. Radhika V., Veeraswamy.K, **Srinivas Kumar S**, " Image Fusion Algorithms using Human Visual System in Transform Domain," *Proceedings of International conference on Advanced Material Technologies - 2016*, Elsevier, Materials Today, 2016, pp No. 129-139.

32. R.V.V.Krishna and **S. Srinivas Kumar**, "Hybridizing Teaching Learning Based Optimization with Genetic Algorithm for Colour Image Segmentation", *Proceedings of the International MultiConference of Engineers and Computer Scientists*, Vol.1,Hong-Kong, China, 2017.

33. R.V.V.Krishna and **S. Srinivas Kumar**, "Computer vision based identification of nitrogen and potassium deficiency in FCV tobacco", *Computational Science and*

Engineering: Proceedings of the International Conference on Computational Science and Engineering, Kolkata, India, 2016.

34. **Srinivas Kumar S** Veeraswamy K, Radika V, "Image Fusion using Uniformity in HT domain", *International Conference on Information and Computer Technologies (IC ICT 2016)*, Bangkok, Thailand.

35. Ravi Kiran Varma P, Valli Kumari V, and **Srinivas Kumar S**, "A survey of Feature selection techniques in intrusion detection system: A Soft computing perspective", International Conference on Computing Analytics and Networkinig, 15-16 December, 2017, organized by KIIT University, Bhubaneswar (Accepted for publication in Advances in Intelligent Systems and Computing, Springer series)

36. Tirupal, B.Chandra Mohan, **S.Srinivas Kumar**, **"**Multimodal medical image fusion based on a trous wavelet decomposition and contrast visibility**",** *International Conference on Nanotechnology for Biological and Biomedical Applications, Nano-Bio-Med 2015, IITBOMBAY, Mumbai, India, 1-4 December, 2015.*

37. T.Tirupal, B.Chandra Mohan and S.Srinivas Kumar, "Image Fusion of Natural, Satellite, and Medical Images using Undecimated Discrete Wavelet Transform and Contrast Visibility," **IEEE-Xplore conference proceedings (RAECE-2015),**

   https://doi.org/10.1109/RACE.2015.7510217.

National Seminars / Conferences:

1. **S. Srinivas Kumar**, B. N. Chatterji, G. P. R. Sarvarayudu, and B. Visvesvara Rao, "Stereo Matching for Enhanced Tele-presence in Three Dimensional Video Communications," *Proc. of National Seminar on ISDN-Systems-Protocols-Applications*, JNTU College of Engg. Kakinada, 28th -29th January, 2000.

2. **S. Srinivas Kumar** and B. N. Chatterji, "Stereo Corresponding Techniques – A review," *Proc. of National Seminar on Futuristic Approach for Communication Technologies*, College of Engg. Andhra University, Visakhapatanam, Feb. 2000.

3. T. Sandhya Kumari and **S. Srinivas Kumar**, "A switching median Filter with Adaptive window for extremely corrupted images," *Proc. of National conference on Advances in Signal processing,* Dept of ECE, College of Engg. Andhra University, Visakhapatnam, Blekinge Institute of Tech., Sweden & IETE Visakhapatnam centre, pp.168-173, 20th-2st Nov. 2009.

4. B. Lakshmi Sirisha, **S.Srinivas Kumar**, B.Chandra Mohan, " Steganography based information security with high embedding capacity" *National Conference on Recent Advances in Electronics & Computer Engineering,* IIT Roorkee, Feb-13-15, 2015.

5. T.Tirupal, B.C. Mohan, **S.S. Kumar**, "Image Fusion of Natural, Satellite and Medical Images using Un-decimated Discrete Wavelet Transform and Contrast visibility," *Proceedings of IEEE National Conference on Recent Advances in Electronic and Computer Engineering,RAECE-2015, IITROORKEE, India, 13-15 February 2015.*

6. D. Pavan Kumar, **S.Srinivas Kumar**, "A Combinatorial Algorithm with Transportation Map Regularization for Image Restoration from Salt and Pepper Noise," *National conference on Recent Trends in Computer Science and Technology," 2015, Proceedings published by International Journal of Electronics Communication and Computer Engineering,* Vol 6, Issue.5, Sep, 2015, pp No. 39-43.

7. Tirupal, B.Chandra Mohan, **S.Srinivas Kumar**, **"** On the Use of Undecimated Discrete Wavelet Transform for Medical Image Fusion**"** *National Conference on Present Scenario and Future Trends in Biomedical Engineering and Healthcare Healthcare Technologies', FTBH-2014,* IITBHU, Varanasi, 17-18 October 2014, pp. 5-6.

8. T.Tirupal, B.Chandra Mohan and S.Srinivas Kumar, "On the Use of Fuzzy Sets for Multimodal Medical Image Fusion," *'National Conference on Emerging Trends in Electronics & Communication Engineering', NCETEC-2017,* Bapatla Engineering College, Bapatla, 20-21 January 2017.

Other Experiences:

Examiner:

- ❖ APPSC, Andhra Pradesh
- ❖ Osmania University, Hyderabad
- ❖ Nagarjuna University, Nagarjuna Nagar, Guntur
- ❖ Andhra University, Visakhapatnam
- ❖ National Institute of Technology, Warangal
- ❖ AP state level competitive examinations
- ❖ Anna University, Chennai
- ❖ JNT University, Hyderabad
- ❖ JNT University, Anantapur
- ❖ SGGS Institute of Engineering and Technology, Nanded
- ❖ Kakatiya University, Warangal
- ❖ Other Central Government organizations (Confidential)

Reviewer of Research papers:

- ❖ Signal Processing journal, Elsevier publishers.
- ❖ International conferences held at ISI, Kolkata in the area of Signal & Image Processing

Staff Selection Committee :

- ❖ Expert member of staff selection in JNT University, Hyderabad, J N T University, Anantapur
- ❖ Affiliated institutions of J N T University Kakinada for University Ratification
- ❖ Andhra University, Visakhapatnam

Curriculum Design:

- ❖ Member of Board of studies
  Electronics and Communication Engg.
  JNT University, Hyderabad (2007-2009)
  JNT University, Kakinada (2009)

- ❖ Chairman of Board of studies
  Electronics and Communication Engg.
  JNTU College of Engineering, Kakinada (Autonomous).

- ❖ Member of Board of studies
  Electronics and Communication Engineering
  S.V. University,Tirupathi.

Important positions held:

- ❖ Member of the Governing council of JNT University, College of Engineering, Kakinada, during 2006-09.
- ❖ Member of the Governing council of affiliated Institutions as a University nominee & State Government nominee.
- ❖ Nodal officer at Helpline centre for WEB counseling for ICET (MBA & MCA) & EAMCET (Engineering only) (state level competitive examinations) in the year 2009.
- ❖ IETE Kakinada local centre – Honorary secretary 2011-2012 and Vice-Chairman 2014 –till date.
- ❖ Former Member – UGC Nominee for Board of Governers of J I S College of Engineering, Kolkata.
- ❖ Regional Coordinator for Rajahmundry Regional Centre for Andhra Pradesh Akademi of Sciences from 12th June, 2015
- ❖ Member – Standing Committee of Academic Senate JNT University, Kakinada

Details of Student Paper Contests organized:

- ❖ 'Technovision-99'–A National level student paper contest organized in department of Electronics and Communication Engineering, JNTU College of Engineering, Kakinada in the year 1999.

Details of Workshops organized for the faculty:

1. 'Recent Advances in Digital Image Processing' – A National level workshop organized in the Department of Electronics and Communication Engineering, JNTU College of Engineering, Kakinada in year 2002.

2. 'Advances in Signal & Image Processing' – A National level workshop organized in the Department of Electronics and Communication Engineering, JNTU College of Engineering, Kakinada in the year 2006.

3. 'Competency Based Curriculum Design' – One day workshop organized in JNTU College of Engineering, Kakinada in the year 2007.

4. 'Recent Advances in Digital Image Processing' – 3 week refresher course organized in UGC academic Staff college, JNT University, Hyderabad during 03-22, March, 2008.

5. 'Advances in in Signal & Image Processing' – A National level workshop organized in the Department of Electronics and Communication Engineering, JNTU College of Engineering, Kakinada in December, 2008.

6. 'Research methodologies' - One day workshop organized at JNT University Kakinada on 24th November, 2009 by Prof. B. L. Deekshatulu.

7. 'Research and Development – An Industrial perspective' – One day workshop at JNT University Kakinada on 25th November, 2009 by Sri.V.V.L. Sastry, Former Chairman and Managing Director, BEL, Bangalore.

8. 'Applications of Statistics in Engineering & Technology' – Invited lecture at JNT University, Kakinada on 27th November, 2009 by Prof. Rao Jammalamadaka, University of California, Santabara.

9. 'Industry Institute Interaction'- Invited lecture by Prof. S. Eswar Prasad, University of Toronto, Canada.

10. 'Advances in Signal and Image Processing' – Two day National workshop at JNT University, Kakinada during 25-26 February, 2011 by Prof. B. Yegnanarayana,   Prof. Nikhil R. Pal, Prof. Bhabatosh Chanda and many eminent faculty from higher learning institutes.

11. 'Research Methodologies,' an audit course for the research scholars admitted in 2010-11 and 2012-13 during 1-15, May, 2013.

12. 'Intellectual Property Rights and Patents', an audit course for the research scholars admitted in 2010-11 and 2012-13 during 16-30 May, 2013.

13. 'Adoption of E-resources for innovative teaching and learning,' one day workshop on 12th January, 2014, with resource person Dr. K. Srinivas, Dr. B. R. Ambedkar University, New Delhi.

14. 'Turnitin – An Anti-plagiarism software," one day workshop on 24th January,2014, with resource persons from i-Group Infotech, New Delhi.

15. 'Research Methodologies,' an audit course for the research scholars admitted in 2013-14 during 1-15, May, 2014.

16. 'Intellectual Property Rights and Patents', an audit course for the research scholars admitted in 2013-14 during 16-30 May, 2014.

17. 'Research Methodologies,' an audit course for the research scholars admitted in 2014-15 during 1-15, May, 2015.

18. 'Intellectual Property Rights and Patents', an audit course for the research scholars admitted in 2014-15 during 16-30 May, 2015

19. 'Research Methodologies,' an audit course for the research scholars admitted in 2015-16 during 1-15, May, 2016.

20. 'Intellectual Property Rights and Patents', an audit course for the research scholars admitted in 2015-16 during 16-30 May, 2016

21. Active participation in organizing National workshop on 'Advances in Electronics and Communication Engineering' in Electronics and Communication Engineering, UCEK, JNTUK, Kakinada during 26-27, August, 2017.

Membership – Professional societies:

1. Life Member, Indian Society for Technical Education, New Delhi. (LM5804)

2. Life Member, Institute of Electronics and Telecommunication Engineering (Membership No. M149763).

3. Fellow, AP Akademi of Sciences, Hyderabad / Amaravathi since 2014.

4. Senior Member – IEEE (Membership No. 94529807)

Seminars / Training programmes / Workshops/ Conferences Attended:

1. ISTE Summer school on 'Microprocessors and Computer Technology,' at JNTU College of Engineering, Anantapur during 11th to 23rd May, 1987.

2. Summer school on 'Digital Signal Processing: Theory, Implementation and Applications,' at Regional Engineering College, Calicut during 9th to 21st May, 1988.

3. Intensive course on ' Advanced Microprocessors & Special Applications,' at Indian Institute of Technology, Kharagpur during 5th to 16th June, 1989.

4. ISTE Winter school on 'Pattern Recognition and Neural Networks,' at Anna University, Madras during 15th to 28th November, 1991.

5. Short term course on 'Architecture & Applications of 32 bit Microprocessors,' at Indian Institute of Science, Bangalore during 19th to 23rd January, 1992.

6. UGC Refresher course on 'Electronics and Communication Engineering,' at JNT University, Hyderabad during 22nd Aug to 17th September, 1994.

7. National seminar on 'ISDN-Systems-Protocols Applications,' at JNTU college of Engineering, Kakinada during 28-29, January, 2000.

8. ISTE Summer School on 'WEB & E-Commerce Technologies,' at JNTU College of Engineering, Kakinada during 22nd May to 10th June, 2000.

9. Short term course on 'Next Generation Telecommunication and Networking Technologies,' at Indian Institute of Technology, during 10th to 21st July, 2000.

10. Orientation programme on 'Educational Administration,' organized by UGC Academic Staff College, during 4th to 5th February, 2006.

11. Short term course on 'DSP Tools & Practice,' organized by GS Sanyal School of Telecommunications, Indian Institute of Technology, Kharagpur during 12th - 17th June, 2006.

12. Short term training programme on 'Analog Integrated Circuit Design,' organized by Department of Electronics and Communication Engineering, National Institute of Technology, Warangal during 26th June to 1st July, 2006.

13. Training programme on 'Leadership and Management Development Programme,' organized by Indian Schools of Business, Hyderabad during 8th – 13th June, 2008.

14. Two Day National workshop on "Electromagnetics and Applications" organized by Department of Eletronics and Communication Engg., University College of Engineering, during March 13-14, 2009

15. International conference on 'Frontiers of Interface between statistics and sciences,' organized by C. R. Rao Advanced Institute of Mathematics, Statistics and Computer Science, University of Hyderabad campus, Hyderabad during 30th December, 2009 to 2nd January, 2010.

16. National Conference on Emerging Trends in Electronics and Communication Engineering, organized by Department of Electronics and Communication Engg., University College of Engineering, during 14-15, June, 2013

17. Two day National workshop on "Advanced VLSI Technology" organized by Department of Electronics and Communication Engg., University College of Engineering, during 26-27, April, 2013

18. Two day Conference on "Tech VC Conclave 2018" organized by Springer Nature, Vellore Institute of Technology, and AICTE, during 23-24 November, 2018.

19. Three day Conference on " Transforming Education Conference for Humaniy," organized by UNESCO, Mahatma Gandhri Institute of Education for Peace and Sustainable development, with State Government of Andhra Pradesh during 15 -17 November, 2018.

Foreign Visits:

❖ Presented the Research paper on 'An Oblivious image watermarking scheme using singular value decomposition,' at IASTED Conference on Signal & Image Processing at Honolulu, Hawaii, USA and attended the conference during 20th - 22nd Aug, 2007.

❖ Visited 'University of Washington', Seattle, USA during 28th August to 7th September, 2007 for academic discussions with the Professors and Research scholars in the area of Digital Image Processing.

❖ Visited 'Asian Institute of Technology, Bangkok, Thailand' during 23-26 October, 2009 to discuss and plan the collaborative PG and research programmes with AIT, Bangkok.

Social Service Activities

- ❖ Actively involved in Janma Bhoomi programmes of Government of Andhra Pradesh

- ❖ Organized Eye camps for two times at Native place – Ryali, East Godavari district with the help of Kiran Eye Hospital, Kakinada

- ❖ Active Charter member in Lions Club of Kakinada Gems and involved in social service activities.

- ❖ Hereditary well-known family at Ryali (Native Place), involved in many philanthropic activities

- ❖ Actively involved in Blood donation camps and donated blood several times

Declaration:

I hereby declare that the information furnished above is true to the best of knowledge

Dr. S. Srinivas Kumar

Date: 01-01-2019

Anantapur