



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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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	JNTU College of Engg. Kakinada	Professor of ECE	2003-till date On deputation to JNTU Anantapur as Vice-Chancellor
2	JNTU College of Engg. Kakinada	Associate Professor Dept of ECE	1999-2003
3	JNTU College of Engg, Kakinada	Lecturer in ECE Dept. re-designated as Assistant Professor	1988-99
4.	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)
- ❖ Initiated the process of improving the Campus & Academic Ambiance
- ❖ Initiated the Construction of New Academic & Administrative Buildings

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
<ul style="list-style-type: none">❖ 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	<ul style="list-style-type: none">❖ 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 : 54
National Journals : 09
International Conferences : 38
National Conferences : 07

Performance Indices of Publications : (as on 20th January, 2018)

Total Citations : 621
h -Index . : 12
i-10 Index : 16

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

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

Other Details:

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

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	2017
Details of Ph. D theses submitted for Evaluation		
Ms. N. Anupama Nagarjuna University Guntur	Development and Performance Evaluation of Set-Theoretic approaches for segmenting Magnetic Resonance Images of Brain	2017
Ms. V. Radhika University College of Engg. JNT University Kakinada	Performance Evaluation of Image Fusion Algorithms using Statistical Measures and Human Visual System Model	2017
Mr. R V V Krishna Aditya Group of Institutions, Surampalem	Performance Evaluation of Colour Image Segmentation algorithms using softcomputing Techniques	2017
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	2017

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.

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
- ❖ SGGGS 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 Governors 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 Electronics 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

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: 21st January, 2018
Kakinada