

APPLICATION FOR THE POST OF -----

CURRICULUM VITAE



Name : Dr. Kunupalli Srinivasa Rao
Father's Name : (Late) Narasimha Murthy

ADDRESS

Residence : Dr. K. Srinivasa Rao
Plat No. 381/3, Vivekanada Nagar Colony,
Near DAV Public School,
Kukatpally, Hyderabad-500 072
Telangana, INDIA

Contact Number : +91 9849663977,
+91 9440138921

E-mail : principaltr@gmail.com
drksrece@gmail.com

Date of Birth : 16-01-1962

Educational Qualifications:

Degree & Specification	University	Grade	Year
Ph.D. (ECE)	Andhra University, Visakhapatnam, A.P.	Awarded	2000
M.E. (ECE) (Digital Systems Engg.)	Osmania University, Hyderabad, A.P.	First Class	1993
B.E. (ECE)	Andhra University Visakhapatnam, A.P.	First Class	1985

Title of Ph.D Thesis : Investigation on the Generation of optimized Shaped Beams from Array Antennas

Annexure – I

Professional Experience (Total Experience : 25 years)

Institution	Post Held	Period
Col DS Raju Polytechnic, Poduru, West Godavari Dist, AP.	Asst. Lecturer (ECE)	1985-1986
Andhra Printers Ltd., Hyderabad, AP	PTS Engineer	1986-1992
Sir CR Reddy College of Engineering, Eluru, AP	Lecturer	1992-1997
VR Siddhartha Engineering College, Vijayawada, AP	Asst. Professor (ECE) (Reader)	1997-2000
VR Siddhartha Engineering College, Vijayawada, AP	Professor & Head of Dept.-ECE	2000-2001
KL College of Engineering	Professor & Head of Dept. – ECM	2001-2002
Sai Spurthi Institute of Technology, Sathupally, Khammam Dist., AP	Professor of ECE & Principal	Feb 2002 – March 03
Nalanda Institute of Engineering & Technology, Kantepudi, Guntur Dist., AP	Professor of ECE & Principal	March 2003 – June 05
TRR College of Engineering, Hyderabad	PRINCIPAL & Group coordinator	June 2005 – June 2018
Narsimhareddy Engineering College	Professor-ECE & Director	June 2018-till date
RESEARCH EXPERIENCE Guiding 10 scholars for JNTUH & Rayalaseema Universities	Research, Teaching and Administration and also management : 27yrs	Since 2002 to till date

Achievements:

- Appointed as a Expert Committee Member By AICTE For NBA Accreditation – 2012
- Produced one Ph.D., From JNTUH, 10 Scholars Doing Ph.D.
- Selected as a Visiting Professor for ISTE Scheme during the Academic year 2004-05
- Attain NBA accreditation in TRR Group Colleges under my supervision
- Ratified as a PRINCIPAL by JNTUH.

Annexure - II

(A). List of Publications: International

1. Dr. K. Srinivasa Rao, GSN Raju & GK Raju, Pattern Synthesis using Amplitude and Phase only Control Techniques, Progress in Electromagnetic Research Symposium, PIERS, TAIWAN, 1999.
2. Dr. K. Srinivasa Rao, Sudarshan K Valluru & AD Kulkarni, Applications of Artificial Intelligence in Industrial Drives, NSAI – 2001, Chandigar, Jan 29-31, 2001.
3. Dr. K. Srinivasa Rao, CH. V. Rama Rao, M. B. Rama Murthy, A Perceptual Approach to Reduce Musical Noise using Critical Bands Tonality Coefficients and Masking Thresholds, International Journal of communications, Network and System Sciences, 2009, P 742-745.
4. B.Surekha, Dr.G.N.Swamy, Dr.K.Srinivasa Rao, A Multiple Watermarking Technique for Images based on Visual Cryptography, 2010 International Journal of Computer Application, Vol 1 – No.11.
5. Ch.V. Rama Rao, M.B. Rama Murthy , K. Srinivasa Rao, Noise Reduction using Perceptually Weighted mel-Scale cross correlation compensated Spectral Subtraction.IEEE Transactions
6. L.Rangaiah, Dr K. Srinivasa Rao, N V M Krishna, S Rajendra Prasad, Conceptual and Optimization problems in wireless Ad-hoc sensor networks. International Journal of Electrical, Electronics and Computing Technology (IJEECT),2010

(A). List of Publications: National

1. Dr. K. Srinivasa Rao, GSN Raju & YG Rao, Coupling in T - Junctions, NASMOTTECS Andhra University, Waltair, February, P 41, 1995.
2. Dr. K. Srinivasa Rao, PM Rao & GSN Raju, Patterns of Discrete Radiating Elements for Different Current Distributions, INCEMIC, Madras, December 1995, P 450.
3. Dr. K. Srinivasa Rao, & GSN Raju, EM Waves in Silicon and Germanium Materials, ME& CCT, Arunachal Pradesh, December 1995.
4. Dr. .K. Srinivasa Rao, & GSN Raju, Some Studies on the Generation of Broad Beams , INCEMIC 97, December 1997; P 159.
5. Dr. K. Srinivasa Rao, & GSN Raju, Some Studies on the Generation of Low Side Lobe Radiation Patterns for Minimizing possible EMI, EMC, Calcutta, 1997.

6. Dr. K. Srinivasa Rao, GSN Raju & GK Raju, Improved Sector Beams from Arrow Antennas, National symposium on Antennas & Probations, Department of Electronics, KOCHI, 1998.
7. Dr.K.Srinivasa Rao, P.Misra & GM Rao, EMR Effects & EMC Considerations for Improving Safety Index of Fishing Vessels, INCEMIC – 99, New Delhi, 1999.
8. Dr. K. Srinivasa Rao, GSN Raju & GK Raju, Pattern Synthesis using Circular Arrays, INCEMIC – 99, 1999.
9. Dr. K. Srinivasa Rao & GSN Raju, Effect of Narrow Beam Side Lobe Level on the Shaped Beam Patterns, FACT- 2K, 1999.
10. Dr. K. Srinivasa Rao, GSN Raju & GK Raju, Synthesis of Slot Array to Produce Sector Beams, Microwave and Optical Technology Letters, USA, 1999.
11. Prof. K. Srinivasa Rao, Prof.A.Sudhakar, Prof.Y.V.Narayana & Prof.G.S.N.Raju, Generation of Optimized Shaped Beams, State of Art Technology (SAT–03), IETE, Visakhapatnam, Sep.20 -21, 2003.
12. Dr. MC Chandra Mouly, Dr. K Srinivasa Rao, D Srinivasa Rao, and L Rangaiah, Reduction of Co-Channel Intereference in Cellular Systems, National Symposium on Antennas and Propagation APSYM-2008,CUSAT, Cochin, 2008.
13. Dr. K. Srinivasa Rao, CH. V. Rama Rao, M. B. Rama Murthy, Speech Enhancement in Non Stationary Noise Environment- an Efficient Approach, ICFAI Journal of Science and Technology(IJST), 2008.
14. B.Surekha, Dr.G.N.Swamy, Dr.K.Srinivasa Rao, A Spatial Domain Digital Image Watermarking, International Journal on Systemetics, Cybernetics and Informatics (IJSCI), Pentagonam research centre, Hyderabad, India. 2009.
15. Dr. K. Srinivasa Rao, CH. V. Rama Rao, M. B. Rama Murthy, Speech enhancement using Modified Wiener Filter, ICFAI Journal of Science and Technology(IJST), 2009.
16. B.Surekha, Dr.G.N.Swamy, Dr.K.Srinivasa Rao, A Watermarking Technique based on Visual Cryptography, Journal of Information Assurance and Security, 2009.
17. Dr. K. Srinivasa Rao, CH. V. Rama Rao, M. B. Rama Murthy, A Modified Wiener Filter Combined with Perceptual Weighting for Speech Enhancement ICFAI Journal of Science and Technology(IJST), 2009.
18. L. Rangaiah, Dr K. Srinivasa Rao, Dr MC Chandra Mouly, “Interference reduction in Wireless communications”, CUSAT-2008, Cochin
19. L.Rangaiah, Dr K. Srinivasa Rao, T Srinivasa Murthy “Safety standards for Non- ionizing radiations from Wireless and microwave systems” International Journal on Advanced Computing and Communication Networks, FACT-2009.
20. L.Rangaiah, Dr K. Srinivasa Rao, N V M Krishna, Rajendra Prasad S “conceptual and optimization problems in wireless Ad- hoc sensor Networks” International Journal of Electrical, electronics and computing technology, sept-Dec-2010.
21. L.Rangaiah, Dr K. Srinivasa Rao, “Time and carrier frequency offset in OFDM system using Joint maximum Likelihood Estimation without additional pilots”, International Journal of Science and Technology, Dec-2011.
22. Ch. V. Rama Rao, M.B. Rama Murthy, K. Srinivasa Rao, “Speech Enhancement using sub – Bassed cross – correlation compensated wiener filter combined with harmonic regeneration”,

International Journal of Electronics and Communications, ELSEVIER Volume 66, Issue 6, June 2012, Pages 459-464.

(B). Presented in Conferences : International

1. 4th International Conference on Electromagnetic Interference and Compatibility (INCEMIC), Madras in Dec 1995.
2. 5th International Conference on Electromagnetic Interference and Compatibility (INCEMIC), Hyderabad in Dec 1997.

Presented in Conferences : National

1. National Conference on Molecular Electronics and Chemical Computer Technology, Arunachal Pradesh in Dec 1995.
2. Seminar on EMI Problems and Design for EMC, Calcutta, March 1997.
3. National symposium on Modern trends in Electronics & Communication Systems, 1 Visakhapatnam, AP in Feb, 1995.
4. Seminar on FACT-2K, Andhra University, Visakhapatnam, AP on Feb 25-26, 2000.
5. Seminar on SAT-03, Andhra University, Visakhapatnam, AO, Sept.20-21, 2003

(C). Prestigious project undertaken and completed for” BEL. Nacharam, Hyderabad”

Undertaken and successfully completed a prestigious project of design, fabrication and installing the testing facility: “Anechoic chamber for testing of Microwave Antennae and related items” for Bharath Electronics Limited (BEL), Nacharam, and Hyderabad.

Summer Schools Attended

- ISTE Summer School on Emerging Trends in Control Systems, JNTU, Hyderabad, May 10-13,1995
- Short Term Course on EMI-EMC Management, IIT, Kharagpur, May 20- June 01, 1996
- Demonstration & Training Program of BENCHMARK Optical Fiber Trainer – OFT, Sep 8-9, 1999, Chennai
- Workshop on Technical Education – Ku _Band Channel for LIVE demonstration of Higher Education, OU Campus, Hyderabad, Sep 27, 2000.
- Author’s Workshop, ISTE, (New Delhi) at Nagpur, VREC, Sep 17-21, 2001

Field of Interest

- Digital Electronics
- Microwave Communications
- Communication Systems
- Antennas & Propagation
- VLSI

- Embedded Systems
- Image Processing

Awards / Honours:

Member	:	IEEE	No. :	41484944-363
Life Fellow	:	FIETE	No. :	F – 131326
Life Fellow	:	FIE (I)	No. :	L - 111273 / 7
Life Member	:	ISTE	No. :	L –15916
Life Member	:	SEMCE (I)	No. :	L – 401
Life Member	:	MBMESI	No. :	L - 532

Projects Guided :

Guiding Number of M.Tech Students & Number of B.E / B.Tech Projects.

Guiding **Ten** Scholars for Ph.D, JNTUH & One Scholar already awarded.

Other Information:

- Coordinator for National Level Student Paper Contest, Jan 28, 2001 at Vijayawada, Under the aegis of IETE
- Coordinator for World Telecommunication Day Celebrations, May 17, 2001 at Vijayawada, under the aegis of IETE
- Selected as an Author for ISTE Learning Material Course : Communication Engg. Sep 17-21, 2001
- Conducted State Level Competition JUST IN 8 MINUTES for Electronics Branch Students, Nov 19, 2000 as a Hon ‘ Secretary for IETE, Vijayawada Centre, Vijayawada
- Coordinator for State Level Competition EXTEMPORE, Dec 09, 2001 at Vijayawada, Under the aegis of IETE
- Conducted One Day Workshop on EMBEDDED SYSTEM DESIGN for Faculty of Engineering Colleges in AP, Feb 03, 2002 as a Hon ‘ Secretary for IETE Vijayawada Centre, Vijayawada
- Organized Entry Level Programmers’ Course for Women under NORAD (MHRD) Scheme of 2000-01 Batch as a Hon ‘ Secretary for IETE Vijayawada Centre, Vijayawada.
- Organized A NATIONAL LEVEL STUDENT PAPER CONTEST, as a CONVENOR for Engineering Students, MARCH 17, 2004 at NALANDA INSTITUTE OF ENGG. & TECHNOLOGY, Kantepudi, Sattenapalli, GUNTUR Dt. A.P.
- Selected as a **Visiting Professor** for ISTE Scheme during the Academic year 2004-05
- **NBA** Expert Committee Visiting Team Member
- Organized Number of **Technical events, Job Fairs, Workshops etc.** at **TRR College of Engineering** since last **Fifteen** years.

Reference:

Dr. GSN Raju, M.E, Ph.D
Ex- Vice Chancellor,
Andhra University
VISAKHAPATNAM, A.P., India
Ph.No: 0891 – 2553502 / 9440777793

SIGNATURE
(Dr. K. Srinivasa Rao)