

PROFILE

Name : **Dr. Sreenivasa Rao Chappidi**

Date of Birth : 04-05-1974

Highest Qualification : Ph.D in Electronics and Communication Engineering

Academic Performance :

S.No	Qualification	University / Institution	Year of Pass
	Degree		
1	Ph.D (Wireless Networks)	J.N.T.U, Hyderabad.	2015
2	M.Tech(DS&CE)	J. N. T. U. College of Engineering, Hyd.	2004
3	B. Tech (ECE)	RVR & JC CE, Nagarjuna University, Guntur.	1999

Total Experience : **23 Years**

S. No.	Period		Organization / Institution	Position Held
	From	To		
1	02-07-2012	Till date	ACE Engineering College	Professor
2	01-07-2009	17-01-2012	Vardhaman College of Engineering, Hyderabad.	Professor
3	01-07-2004	30-06-2009		Associate Professor
4	03-11-2000	30-06-2004		Assistant Professor
5	01-07-1997	30-06-2000	A.P. TransCo., Chirala.	Assistant Engineer

PATENTS PUBLISHED/FILED

1. I-Side-Stand (Intelligent Side-stand for two-wheelers): **IPR India.**

2. IMCP-High Stake Examinations (Intelligent Method for Conducting High Stake Examinations): **IP Australia.**

PAPERS PRESENTED/PUBLISHED

INTERNATIONAL JOURNALS

- 1. Ch. Sreenivasa Rao**, Dr. K. Chenna Keshava Reddy and Dr. D. Srinivasa Rao, “ A Dynamic Approach to improve QoS in advanced wireless networks”, International Journal of Advances In Soft Computing Technology, volume.1(2), pp 25-30, 2011, ISSN 2229-3515.
- 2. Ch. Sreenivasa Rao**, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “QoS Based Adaptive Admission Controller for Next Generation Wireless Networks” IJCTE 2011 Vol.3 (5): 684-689 ISSN: 1793-821X.
- 3. Ch. Sreenivasa Rao**, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “Power Control Technique for Efficient Call Admission Control in Advanced Wireless Networks” International Journal on Computer Science and Engineering (IJCSE), Vol. 4, Issue 6, June 2012, pp.962-973, ISSN: 0975-3397.
- 4. Ch. Sreenivasa Rao**, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “Service Differentiated Call Admission Control in Next Generation Wireless Networks” Journal of Theoretical and Applied Information Technology (JATIT), Vol.63, Issue 1, May 2014, pp200-208, ISSN: 1992-8645.
- 5. Dr. Ch. Sreenivasa Rao** and K. Venu Madhav “Differentiated Service Model for Best Effort Packet Delivery in Advanced Wireless Networks” International Journal of Advanced Engineering and global Technology (IJAEGT), Vol.5, Issue. 1, Jan 2017, pp1502-1508, ISSN NO: 2309-4893.
- 6. HSN Murthy, Naveed Farhana and Dr. Ch. Sreenivasa Rao** “Priority Station based Queuing Approach to Improve Quality of Service in IEEE 802.11e EDCF” International Journal of Science and Technology (IJST), Vol.10, Issue.19, May 2017, ISSN: 0974-6846

INTERNATIONAL CONFERENCES

1. Sanjay Dubey, M.J.C. Prasad & **Ch. Sreenivasa Rao**, “Design & Implementation of a decoder for LDPC codes in wireless applications” International conference on Systemic, Cybernetics and Informatics (ICSCI-09), Pentagon Research Centre, Hyderabad, 7-10 January 2009.
2. **Ch. Sreenivasa Rao**, Dr. K. Chenna Keshava Reddy and Dr. D. Srinivasa Rao, “ Comparative analysis on QoS mechanisms in IEEE 802.11 wireless local area networks” International conference on Systemic, Cybernetics and Informatics (ICSCI-11), Pentagon Research Centre, Hyderabad, 5-8 January 2011.
3. **Ch. Sreenivasa Rao**, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “Review of Call Admission Control Schemes in Wireless Networks” International Conference on Computing, Communications, Systems and Aeronautics (ICCCSA), March 2012, ISBN: 978-81-921580-8-2.

NATIONAL CONFERENCES

1. **Ch. Sreenivasa Rao** & R.V.S. Satyanarayana, “Modeling of signal fading using Rician cumulative probability distribution function” National conference on Wireless and mobile communication,W&MC-06, Vardhaman College of Engineering, Hyderabad, 10-11 march, 2006.
2. Sanjay Dubey, M.J.C. Prasad & **Ch. Sreenivasa Rao**, “FPGA Implementation of a semi- parallel decoder for LDPC Codes” VI Mantra-08, Bangalore, 21st November 2008.
3. **Ch. Sreenivasa Rao**, B.N. Bhandari, Dr. K. Chenna Keshava Reddy and Dr. D. Srinivasa Rao, “ A Survey of QoS mechanisms in wireless local area networks” National conference on RTCTV, VCE, Hyderabad, 2010.

DETAILS OF RATIFICATION

- Ratified in the grade of Associate Professor by Jawaharlal Nehru Technological University, Hyderabad.
- Ratified in the grade of Assistant Professor by Jawaharlal Nehru Technological University, Hyderabad.

WORKSHOPS/FDPs/CONFERENCES/SEMINARS/WEBINARS/COURSES ATTENDED:

1. Three-week UGC sponsored refresher course on “VLSI Design” for Teachers in Engineering conducted by Academic Staff College at J.N.T. University from 13th November 2002 to 3rd December 2002.
2. One-week National level Workshop on “Electronic Circuit Analysis Using PSPICE” conducted by SNIST, Hyderabad from 2nd June 2003 to 7th June 2003.
3. One-week AICTE sponsored refresher course on “Digital Image Processing” conducted by C.V.R College of Engineering, Hyderabad from 28th June 2004 to 3rd July 2004.
4. Two-day Workshop on “Low power VLSI design” conducted by MIST, Hyderabad from 22nd to 23rd March 2006.
5. One-day Workshop on “EDA Tools for VLSI” conducted by JNTUCE, Hyderabad on 27th September 2006.
6. Two-week National level STTP on “ VLSI Design methodologies & testing principles” , organized by Vardhaman College of Engineering, Hyderabad during 24th August - 4th September, 2009.
7. One-day Workshop on “Real-time implementation of DSP Algorithms using CCS” organized by Vardhaman College of Engineering, Hyderabad during, 2009.
8. International conference on Systemic, Cybernetics and Informatics (ICSCI-09), organized by Pentagon Research Centre, Hyderabad during 7-10 January 2009.
9. International conference on Systemic, Cybernetics and Informatics (ICSCI-11), Pentagon Research Centre, Hyderabad, 5-8 January 2011.

10. Two-day National conference on “Wireless and Mobile Communication, NCWMC-2006”, organized by the department of ECE, Vardhaman College of Engineering, Hyderabad from 10th to 11th March, 2006.
11. Two-Day National seminar on “Semi custom VLSI Design-an FPGA based Approach”, organized by the department of ECE, Vardhaman College of Engineering, Hyderabad from 5th - 6th Nov, 2007.
12. Two-Day National seminar on “Real-Time Embedded Systems”, organized by the department of ECE, Vardhaman College of Engineering, Hyderabad from 7th to 8th December, 2007.
13. One-day National conference (VI Mantra-08) at Bangalore on 21st Nov 2008.
14. Two-week National level Faculty Development Program on “Wireless Communications and Networks”, organized by the Department of ECE, BVRIT during 28th June to 10th July 2010.
15. One-day National level Workshop on “Real Time implementation of DSP algorithms using code composer studio” organized by the department of ECE, Vardhaman College of Engineering, Hyderabad on 11th March, 2010.
16. Two-Day National conference on “Recent trends in communication technologies & VLSI design, RTCTV-2010”, organized by the department of ECE, Vardhaman College of Engineering, Hyderabad during 2-3 June, 2010.
17. Three-Day National level Workshop on “Teaching Engineering using MATLAB” (IUCEE course) organized by Vasavi College of Engineering, Hyderabad from 21st to 23rd June 2010.
18. Five-Day National level Workshop on “Embedded Systems” (IUCEE course) organized by Vardhaman College of Engineering, Hyderabad from 12th to 16th July 2010.
19. Two-day National level Workshop on “Recent trends in wireless technologies”, organized by Rao & Naidu Engineering College, Ongole, Andhra Pradesh, during 6-7 August 2011.
20. A National Level Technical Symposium in Siddhartha Institute of Engineering & Technology during 30th to 31st March 2012.
21. Two-week Faculty Development Program on “MATLAB Training Program” in V.R. Siddhartha Engineering College during 16th May to 28th May 2012.

22. A 3 day hands on Experience Workshop on “VLSI DESIGN” in ACE Engineering College during 26th to 28th December 2012.
23. One Week Faculty Development Program on Embedded Development using DSP’s in ACE Engineering College during 20th to 25th May 2013.
24. Two-week Faculty Development Program on “Cloud Computing & Security” in V.N.R.V.J.I.E.T during 03rd June to 15th June 2013.
25. A 5-Day workshop on “Instructional Design and Delivery” in ACE Engineering College during 3rd to 7th December 2013.
26. One Week Faculty Development Program on “Digital Communication Techniques” in ACE Engineering College during 23rd to 28th November 2014.
27. Three-Day “International conference on Transformations in Engineering Education” (ICTIEE), during 6-8 January 2017, organized by Vardhaman College of Engineering, Hyderabad.
28. One-Day Workshop on “Bloom’s Taxonomy”, held on 29th March 2019 at UGC-HRD Centre, JNTUH.
29. One-Day Workshop on “MATLAB” held on 30th April 2019, organized by Mathworks, at Hitex, Hyderabad.
30. One-Day on-line Webinar on “Patentability in Science and Technology” held on 30th May 2020, organized by SRM University, Chennai, Tamilnadu.
31. One-Week National level on-line Faculty Development Program on “Internet Of Things and Artificial Intelligence Applications” during 1-6 June 2020, organized by KL deemed to be University, Guntur, Andhra Pradesh.
32. Three-Day on-line Webinar Series on “VLSI” during 10-12 June 2020, organized by Andhra Loyola Institute of Engineering and Technology, Vijayawada, Andhra Pradesh in collaboration with Apply Volt.
33. One-week AICTE sponsored National level STTP on “MATLAB for IoT Applications” organized by ACE Engineering College, Hyderabad from 14–19 December 2020.
34. One-week AICTE sponsored National level STTP on “Artificial Intelligence in Electronic Chip Design” organized by ACE Engineering College, Hyderabad from 18–23 January 2021.

ADMINISTRATION

- Associate Editor for International Journal of Advanced Engineering and Global Technology (IJAEGT).
- Subject Expert for Key Moderation in state level government competitive examinations conducted by JNTUH, during 2012-17.
- Prepared University External examination question papers in the subjects EDC, PDC, ECA, LICA, ECAD, EC and LDICA for B.Tech Regular and B.Tech (CCC) programs of JNTUH.
- Route officer for GRT-10 (AP GENCO.) Examination, conducted by SVU, A.P.
- Observer for ACT/GRT-10 Examination, conducted by SVU, Tirupathi.
- Member, Staff recruitment committee, Dept. of ECE, ACE Engineering College.
- Nodal Officer, ACE Engineering College- NIRF 2021.
- Core committee member in NBA Accreditation work & AICTE related works at ACE Engineering College.
- Member, Budget Approval Committee at ACE Engineering College.
- Member, Anti-Ragging committee at ACE Engineering College.

SERVICES AT OTHER ORGANIZATIONS

- Invited Speaker for Two day National level workshop on “Recent trends in wireless technologies”, organized by Rao & Naidu Engineering College, Ongole, Andhra Pradesh, during 6-7 August 2011.
- Resource Person for A National level workshop “EMER’GE” organized by Dr. Samuel George Engineering College, Markapur, A.P, during 27-28 March 2015.
- Expert committee member for staff selection at BVRITW, Hyderabad in 2016.
- Judge for National level technical symposium (IGNIUM-2011) at GNITS, Hyderabad.
- Judge for National level technical symposium (PROMETHEAN 2K10) at BVRIT, Narasapur, Telangana.
- Judge for National level technical symposium (2016) at CVR College of Engineering, Hyderabad.

- Judge for National level technical symposium (2016) at Dr. Samuel George Institute of Engineering & Technology, Markapur, Andhra Pradesh.
- Member, BOS- Dept. of ECE, Vardhaman College of Engineering, Hyderabad, till January 2012.
- Member, Staff recruitment committee, Dept. of ECE, Vardhaman College of Engineering, till Jan 2012.
- Core committee member in NBA Accreditation work & AICTE related works at Vardhaman College of Engineering, till Jan 2012.
- Convener, Stock verification committee at Vardhaman College of Engineering, till Jan 2012.
- Convener, Disciplinary committee at Vardhaman College of Engineering, till Jan 2012.
- Convener, Cultural committee at Vardhaman College of Engineering, till Jan 2012.
- Member, Anti-Ragging committee at Vardhaman College of Engineering, till Jan 2012.
- Member, Sports Committee, Vardhaman college of Engineering, till Jan 2012.
- Program Officer, NSS Unit at Vardhaman College of Engineering, till Jan 2012.
- In-charge for I year B.Tech during the academic year 2006-07 at Vardhaman College of Engineering.
- In-charge, On-line Examinations at Vardhaman College of Engineering during the academic years 2005-06 & 2006-07.
- Coordinator for the National conference on Wireless & Mobile communication (NCWMC-2006), organized by Vardhaman College of Engineering, Hyderabad in the year 2006.
- Coordinator for National level Student's Technical Fests: Technofest-2007, TECHNIZON-08, Technolites-2k8, Technolites-2k9 & Technolites-2k10 organized at Vardhaman College of Engineering, Hyderabad.
- Actively involved in the establishment & development of EDC, PDC, ICA, ECAD using VHDL and EC using PSPICE Laboratories at Vardhaman College of Engineering, Hyderabad.

- **Delivered Guest Lectures at**

1. AudiShankara College of Engineering- Gudur, Andhra Pradesh.
2. Jayaprakash Narayan College of Engineering- Mahaboob Nagar, Telangana.
3. GuruNanak Engineering College- Hyderabad.
4. SLC Institute of Technology and Science- Hyderabad.
5. Adusumilli Vijaya College of Engineering- Hyderabad.
6. Chalapathi Engineering College, Guntur, Andhra Pradesh.
7. BVRITW- Hyderabad.
8. Spoorthy Engineering College- Hyderabad.
9. Dr. Samuel George Institute of Engineering & Technology- Markapur, Andhra Pradesh.

SUBJECTS TAUGHT:

a) For UG B.Tech Program:

1. Electronic Devices & Circuits
2. Electronic Circuit Analysis
3. Linear IC Applications
4. Analog Electronics
5. Electronic Circuits
6. Pulse & Digital Circuits
7. Linear & Digital IC Applications
8. Digital Image Processing
9. VLSI Technology
10. VLSI Design
11. Satellite Communication
12. Semi conductor Devices & Circuits
13. Industrial Electronics
14. Image Processing and Pattern Recognition

b) For PG M.Tech Program:

15. Low Power VLSI Design
16. Wireless Communication & Networks