

CURRICULAM VITAE

Sreenivasa Rao G
S/O G. Mallikarjuna Rao,
H. No:4-194, Chandraiah Nagar,
Ongole, Prakasam (Dt.),
Pin: 523002.

E. mail: srinivasa.gantenapalli@gmail.com
Phone No: 7660004132

CAREER OBJECTIVE

My profound pleasure lies in using scientific thinking and multidisciplinary research to unravel the intricate mysteries of nature, revealing its wonders piece by piece, and expanding the horizons of human knowledge.

EDUCATIONAL QUALIFICATION

NAME OF INSTITUTION	COURSE	UNIVERSITY/ BOARD	YEAR OF PASSING	% MARKS
Andhra University (Vishakhapatnam)	Ph.D. (Denoising in Image processing)	Andhra University	-	Pursuing (2020 Admitted)
RGM CET, (Nandyal)	M. Tech (Digital Systems & Computer Electronics).	JNTU Hyderabad.	July 2008.	73.12
Dr. SGIET, (Markapur)	B. Tech (Electronics & communication).	JNTU Hyderabad.	May 2005.	55.24
SPJRC, (Ongole)	Intermediate.	Intermediate Board of A.P.	April 2001.	81.3
BPS, (Ongole)	SSC.	Board of Secondary School Education	March 1999.	56.2

PROFESSIONAL EXPERIENCE

- Working as an Assistant Professor(C) in **RGUKT-Ongole campus** from **12-06-2021 to till date.**
- Worked as an Associate Professor in **Narasaraopeta Engineering College (AUTONOMOUS)**, Narasaraopet from **04-06-2015 to 12-06-2021.**
- Worked as an Assistant Professor in **Buchepalli Venkayamma Subbareddy Engineering College, Chimakurthy** from **02-12-2011 to 09-05-2015.**

- Worked as an Assistant Professor in **Rajeev Gandhi Memorial College of Engineering and Technology** (AUTONOMOUS), Nandyal from **28-07-2008** to **15-11-2011**.

ACHIEVEMENTS

- Qualified in **GATE-2005, 2017, 2020**.
- **RATIFIED** by JNTU KAKINADA as Assistant Professor in December 2016.

ACADEMIC POSITIONS HELD

- Working as Additional Controller of Examinations.
- Working as member of NAAC
- Worked as a Coordinator for Departmental Events.
- Worked as a Coordinator for NBA & NAAC.
- Worked as a Project Coordinator for UG & PG Batches.
- Being an In-charge for Dept. Labs (E-yantra).

BOOKS

1. Praveen Babu Choppala, Srinivasa Gantenapalli, and James Stephen Meka, "Recent Developments in Reducing Random Valued Impulse Noise in Color Images - The need for speed," Lambert Academic Publishing, 2023. ISBN: 978-620-6-75245-5.

PATENTS

1. James Stephen Meka, Joseph Noel, Praveen Babu Choppala, and Prasad Reddy PVGD, "Smart Plastic Waste Management Machine," Indian Patent, issued by the Government of India, CBR 202536, Applied on 25/02/2023. Issued on 17/05/2023, Design Number 380128-001.

2. Srinivasa Rao Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "A system for random valued impulse noise reduction in digital colour images using sliced median filtering technique," Indian Patent Application Number 202341015447 A, Publication Date 17/03/2023.

PEER-REVIEWED JOURNAL PUBLICATIONS

1. Srinivasa Rao Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "Random valued impulse noise reduction in satellite colour images using fast degree of aggregation filtering approach," accepted for publication in the International Journal of Intelligent Systems and Applications in Engineering, Vol 11, No. 3S, pp. 1--7, 2023. ISSN: 2147-6799, Impact Factor: 0.742. (Scopus Indexed). <https://ijisae.org/index.php/IJISAE/article/view/3256>.

2. Srinivasa Rao Gantenapalli and Praveen Babu Choppala, "Accelerated Impulse Noise Reduction in Digital Color Images using Sliced Anomaly Detection and Multi-Channel Median Filtering," manuscript accepted for publication in Bulletin of Electrical Engineering and Informatics, 2023.

3. Demudunaidu Chukka, Praveen Babu Choppala, James Stephen Meka, and Srinivasa Rao Gantenapalli, "NEWS Directional Filtering for Noise Reduction in Digital Color Images with Application to Medical Diagnostics in MRI Scanning," Journal of European Chemical Bulletin, Vol 12 (Special Issue 10), pp. 1573--1583, 2023. DOI: - 10.48047/ecb/2023.12.si10.00186. ISSN: 2063-5346. Impact Factor 0.4. (Scopus Indexed).

<https://www.eurchembull.com/uploads/paper/404a39ea8e06678188e0dd7cbea6012d.pdf>.

4. Dr. Sowmya Injeti, Praveen Babu Choppala, G Balanagireddy, and Srinivas Rao Gantenapalli, "Revolutionizing Agriculture with IoT: Harnessing the Power of Sensors and Connectivity with Machine Learning," International Journal of Food and Nutritional Sciences, Vol 11(11), pp. 4007-4016, 2022. ISSN: 2320 7876. <https://ijfans.org/uploads/paper/4275b5afb31bdb81675842a79996cea6.pdf>

5. Bandaru Venkata Shiva Kumar, Praveen Babu Choppala, and Srinivasa Rao Gantenapalli, "Precision Agriculture and Sustainable Development: A Machine Learning Approach," International Journal of Food and Nutritional Sciences, Vol 11(9), pp. 3814-3824, 2022. doi: 10.48047/IJFANS/V11/ISS9/375, ISSN: 2320-7876. <https://ijfans.org/uploads/paper/f9e6c070bae9e6271f8495d0aa341f50.pdf>

6. Srinivasa Rao Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "Selective mean filtering for reducing impulse noise in digital colour images," International Journal of Image and Graphics (Scopus Indexed), Vol. 22, No. 5, 2022. DOI: 10.1142/S0219467823500493. ISSN: 1793-6756. Impact Factor 1.469. (Scopus Indexed).

7. Srinivasa Rao Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "Anomaly Detection and Interpolation Algorithm for Random Valued Impulse Noise Reduction in Digital Color Images," Journal of NeuroQuantology, Vol. 19, No. 12, pp. 318–328, December 2021. DOI:10.48047/nq.2021.19.12. NQ21223. ISSN: 1303-5150, Impact Factor 0.442. (Scopus Indexed).

8. Srinivasa Rao Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "An extensive survey of the most effective methods for removing impulsive noise from digital colour images," Journal of Interdisciplinary Cycle Research, Vol. 13, No. 8, pp. 1891–1917, 2021. DOI:18.0002.JICR.2021.V13I8.008301.317123409. ISSN: 0022-1945, Impact Factor 6.2. (UGC Care Approved Group II).

9. Srinivasa Rao G, Charles Stud A, Srinivasa Rao N, "An Autoencoder Neural Network Approach for High-Resolution images from low-resolution images", Sambodhi (UGC Care Journal), ISSN: 2249-6661, Vol-43, No.-02 (V) July-September (2020), pp: 102-109.

10. Dr.B. RAGHAVIAH, G. SRINIVASA RAO, SK ZUBER BASHA, CH KARTHIK, Y.V. LAKSHMAIAH, "IOT BASED CONTROLLING HOME APPLIANCE USING GOOGLE ASSISTANCE," The International journal of analytical and experimental modal analysis, Vol. XII, No. VII, 2020. ISSN NO:0886-9367.

<https://drive.google.com/file/d/1voNiTg7yiDzu2SLO8xI47RaKyEEcJ57m/view>

11. M. Balasubrahmanyam, G. Srinivasa Rao, R. Rahul, "Comparison of Different Speech Enhancement Techniques" at international journal IOSRJEN'2013. ISSN: 2250-3021, Vol. 3, Issue 10, pp. 37-44, 2013. <https://shorturl.at/ijS69>

CONFERENCE PROCEEDINGS

1. Srinivasa Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "Deep learning-based image denoising for medical images: A convolutional neural network approach," in Proc. National Conference on Design Thinking: Trans-Disciplinary Challenges and Opportunities (in Engineering), Visakhapatnam, July 2023. ASIN: B0CB9KQLFF.

2. Praveen Babu Choppala, Srinivasa Gantenapalli, James Stephen Meka, and Paul Teal, "Fast image denoising using peer group filtering applied to weather forecasting in radar imagery," in Proc. 3rd IEEE (DRDO organized) International Conference on Range Technology, Chandipur, India, February 2023.

3. Srinivasa Gantenapalli, Praveen Babu Choppala, Vandana Gullipalli, and James Stephen Meka, "Row-wise corrective median filtering for fast impulse noise reduction in colour images," in Proc. 8th IEEE International Conference on Signal Processing and Communication, Lucknow, India 2022. DOI: 10.1109/ICSC56524.2022.10009225.

4. Praveen Babu Choppala, Vandana Gullipalli, Srinivasa Gantenapalli, and James Stephen Meka, "A fast method for reducing noise in digital colour images using anomaly detection and interpolation," in Proc. IEEE International Conference of Multimedia, Signal Processing and Communication Technologies, Aligarh, India, 2022. 10.1109/IMPACT55510.2022.10029141.

5. Srinivasa Gantenapalli, Praveen Babu Choppala, Vandana Gullipalli, James Stephen Meka, and Paul Teal, "Fast degree of aggregation filter for reducing impulse noise in satellite images," in Proc. IEEE Conference on Information and Communication Technology, Gwalior, India, 2022. DOI: 10.1109/CICT56698.2022.9997912

6. Srinivasa Gantenapalli, Praveen Babu Choppala, Vandana Gullipalli, James Stephen Meka, and Paul Teal, "A fast method for impulse noise reduction in digital colour images using anomaly median filtering," in Proc. IEEE International Conference on Image Processing, Applications and Systems, Italy, 2022. DOI: 10.1109/IPAS55744.2022.10052947.

7. Srinivasa Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "A Review of Vector Median Filter Methods for Denoising Digital Color Images," in Proc. IEEE International Conference on Emerging Techniques in Computational Intelligence, India, 2022.

8. Srinivasa Gantenapalli, Praveen Babu Choppala, and James Stephen Meka, "Vector median Filtering Methods for Denoising Digital Color Images: A review," in Proc. Springer International Conference on Advances in Communications, Computing & Electronic Systems, India 2022. DOI: 10.1063/5.0166084

9. Srinivasa Rao G, Charles Stud A, & Srinivasa Rao N, "An Autoencoder Neural Network approach for high resolution images from low resolution images", A Two days online international conference on Recent trends in Computer Science & Information Technology (ICRCSIT-20), June 2020.

10. Srinivas Rao G, Y. Mallikarjuna Rao, A Charles Stud, Srinivasa Rao N, "A Neural Network approach for image compression using k-means-clustering" National conference on Control, Computations & Communications (NCCCC 2020), June 2020.

PROFESSIONAL MEMBERSHIPS

1. ISTE

2. IEEE

WORKSHOP & SEMINARS ATTENDED

- No. of National Level Workshops Attended : 5

FDP'S ATTENDED

- No. of Faculty Development Programs Attended : 10+

FDP'S/ STTP'S/ WEBINARS ATTENDED (ON-LINE)

- No. of Faculty Development Programs Attended : 20+
- No. of Webinar's Attended : 20+
- No. of Coursera Courses Completed : 10

PROJECTS GUIDED

- No. of Projects Guided at UG level : 50+
- No. of Projects Guided at PG level : 5

PERSONAL DETAILS

- Name : Sreenivasa Rao G
- Date of Birth : 06.07.1983
- Gender : Male.
- Material Status : Married.
- Nationality : Indian.
- Father's Name : G. Mallikarjuna Rao.
- Languages Known : Telugu, English, and Hindi.
- Permanent Address : H. No:4-194,
Chandraiah Nagar,
Ongole, Prakasam (Dt.),
Pin: 523002.
Phone No: 7660004132.

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place:
Date:

Yours faithfully
(G. Sreenivasa Rao).