

PERSONAL INFORMATION



Name : Dr. M. Nagaraju Naik
B.Tech(ECE), M.Tech(DSCE), Ph.D(Image Processing), MISTE
Email : nagarajunaik1976@cmrcet.com
Cell : 9441809595
Intrest Areas : Signal & Image Processing

Educational Qualifications:

- **Ph.D** from A.U. College of Engineering (Autonomous) Andhra University, Vishakhapatnam, India, 2017.
- **M. Tech** (Digital Systems & Computer Electronics) from J.N.T.U. College of Engineering, Anantapur, 2005.
- **B. Tech** (Electronics and Communication Engineering) from K.S.R.M College of Engineering, Cuddapah, 1999.

Professional Experience: (15 years),

Teaching: (13 years)

Industry: (2 years)

Publications: National / International Journals

1. A paper published in International Journal of Engineering Science and Technology (**IJEST**) on “High Resolution Image Projection in Frequency Domain for Continuous Image Sequence”. **Vol. 2 (9), PP: 4718-4723, ISSN: 2278-9510, 2010.**
2. A paper published in International Journal of Electronics and Communication Engineering (**IJECE**) on “Projection of High Resolution Video Frames with Very Less Noise using 3- D Linear Projection”. **Vol. 5(2), ISSN: 0974-2166, PP. 219-234, 2010.**
3. A paper published in Advanced Computing an International Journal (**ACIJ**) on “Edge Preserving Image Coding For High Resolution Image Representation”. **Vol. 3(2), ISSN: 2229-726X, March 2012.**
4. A paper published in International Journal of Electronics and Communication Engineering & Technology (**IJECET**) on “Spectral Approach to Image Projection with Cubic B-Spline Interpolation”. **ISSN 0976 – 6464 (Print), Vol. 3(3), PP: 153-161, Dec-2012.**
5. International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (**IJAREEIE**) of Title “Resolution Projection Based on Circulant Matrix with Compressive Sensing”. **ISSN: 2320-3765, Vol. 2, No. 7, PP: 3295-3300, July 2013.**

6. International Journal of Applied Engineering Research (**IJAER**) on “Spectral Interpolation with Inter Frame Correlation Filter in Video Resolution Coding”, **ISSN: 0973-5462, Vol. 11, No: 6, PP: 4036-4043, (SCOPUS Index) 2016.**
7. International Journal of Engineering and Advanced Technology (IJRAT) on “Low Resolution to High Resolution image projection with Spectral, Noise Removal and Edge Preservation Coding Techniques”, **ISSN: 2249-8958, Vol. 6(6), 2017.**
8. Paper accepted to publish with a title of “A Novel Image Watermarking Scheme Based on Wavelet Transform and Genetic Algorithm” in International Journal of Intelligent Engineering and Science (**IJIES**), (**Scopus Index**), **ISSN: 2185-3118.**

National & International Conferences:

1. A paper presented on “Solution for the Inverse Problem by using ForWaRD” in National Conference on Advances in Signal Processing (**NCASP-09**). November 20-21, 2009, Vishakhapatnam. pg: 174-177.
2. A paper presented on “Inverse Problems in Image Processing” in National Conference on Signal Processing and Communication (**SPCOM-09**). December 4-5, 2009, Hyderabad, pg: 101-104.
3. A paper presented on “Error Free Coding Approach for High Resolution Videos” in National Conference on Feature Advancements in Communication and Technology (**FACT-11**), Dec-30-31, 2011, Hyderabad, Pg:43-47.
4. A paper presented on “High Resolution Image Projection in Frequency Domain for Continuous Image Sequence” in International Conference on Communication, Computation, Control and Nanotechnology (**ICN-2010**) **ISBN: 978-93-80697-23-9**, on 29, 30 October 2010, pg: 96-100, Bhalki, Karnataka.
5. 3rd International Conference on Computational Intelligence and Information Technology (**CIIT 2013**) of Title “Efficient Coding Approach for Low Resolution Image Projection Using Hybrid Modeling With Fast Processing”. **ISBN: 978-1-84919-859-2**, Oct 18-19, 2013. Mumbai. India, Pg: 496-502. (**IEEE Explore**).
6. A paper presented on “Fast Coding with Edge Preservation for Video/Image Interpolation” in the 5th IEEE International Conference on Communication and Signal Processing on 6-8 April, 2016, **978-1-5090-0396-9/16/\$31.00 ©2016 IEEE** at the Adiparasakthi Engineering College, Tamilnadu, India, (**IEEE Explore**).

Workshops:

1. Participated a two-day National Workshop on 21, 22 September 2007 on “**Mat lab Applications.**” at CMRCET. Hyderabad.
2. Participated a one-day National Workshop on 27th December 2007 on “**Embedded Systems and Applications.**” at CMRCET. Hyderabad.
3. Participated a Three-day Workshop on 24-26 March 2009 on “**Image Processing & its Applications**” at JNTUH, Hyderabad.
4. Participated a two-day National Workshop on **Advances in Signal Processing (NWASP-13)**, at Andhra University on August 30-31, 2013, Visakhapatnam.
5. Participated a one-day National Level Workshop on “**Emerging Trends on VLSI & Embedded Systems**” at SCIENT Institute of Technology, Ibrahimpatnam, on 17th August, 2013, Hyderabad.
6. Organized and acted as a Coordinator in workshop on Zonal rounds of “**Robo Tryst-2013**”, a National Level Robotics Championship at Mahaveer Institute of Science and Technology, Hyderabad, organized by Robosapiens Technologies Pvt. Ltd. on December 14-15, 2012.

7. Organized as a Coordinator in **TECHNOMIST-2012**, at Mahaveer Institute of Science and Technology, Hyderabad, 2012.
8. Organized as a Coordinator in **TECHNOMIST-2104** at Mahaveer Institute of Science and Technology, Hyderabad, 2014.
9. Participated a two-day Department of Atomic Energy (DAE-BRNS) sponsored National Workshop on “Research in Technical Institutions Current Status, Strategies and Future goals” at Mahaveer Institute of Science and Technology, Hyderabad, March 22-23, 2013.
10. Organized and acted as a Co-Convener in **AZURA2k17** at CMR College of Engineering & Technology, 23rd & 24th March, 2017.
11. Participated a one week Faculty Development Program, sponsored by Electronics & ICT, NIT Warangal in “Signal Analysis and Transform Techniques” at Vignans Lara Institute of Science & Technology, Guntur, on 10-06-2017 to 15-06-2017.
12. Organized 2-week Faculty Development Program (FDP) in association with E&ICT, NIT Warangal on “Signals & Transform Techniques and their Application” from 21-05-2018 to 30-05-2018 as a Coordinator.

Guest Lectures:

- 1) Delivered a lecture on “**Super Resolution**” at CMR Technical Campus in Faculty Development Program on 29-06-2017.
- 2) Delivered a lecture on “**Digital Image Processing**” at BVRIT, Narasapur, in Faculty Development Program on 27th -29th May 2013.

Social Activities:

1. Appointed as National Service Scheme (NSS) officer in CMR College of Engineering & Technology on 1st July 2017.
2. Organized and Conducted a 3-day workshop under NSS unit at Heartfulness Institute of Shri Ramchandra Mission, Kanha Shanthi Vanam from 15th -17th July 2017, with 400 students.
3. Participated in “Know Your Forces” organized by Air Force Station Academy, Hakimpet on 12th August, 2017 as a part of Independence Day Celebrations 2017. Under NSS Unit with 100 students.
4. Participated in Blood Donation Camp jointly organized by Hope for Life Foundation and TV9 electronic media at CMR College of Engineering & Technology campus on 19th August, 2017. Under NSS Unit with 900 students.
5. Worked as a Press and Media Reporter officer (PRO) in Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad since January 2012- January 2017.

Dr. M. Nagaraju Naik