

Department of ECE

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Faculty(Details)

International /National Journals:

- **Multi Bit Error Detection & Correction With Aesencryption For Secure Communication** 1a Srinivasa Reddy, 2a.Aswanilalitha ,IJARST, Volume 12, Issue 01, Jan 2022 ISSN 2581 – 4575
- **“An Integrated signal allocation Model with Effective collision Resolution Model for performance Enhancement of wireless Sensor Networks”** International Information and Engineering Technology Association (IIETA) on 31 October 2021; DOI: <https://doi.org/10.18280/ts.380512>
- International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S4, April 2019. **Survey on Channel Estimation of the Orthogonal Frequency Division Multiplexing**
- **“PAPR reduction in OFDM using NLCT”** IJASEM, Vol-6, N0.2, March 2017, ISSN 2320-3439.
- **“A current Bill Statistical values Tracking device using Relay Circuits.”**, IJITR, Vol5, issue1, Dec-JAN2017, 5567-5569
- **“ Design And Simulation of 6 Element Log Periodic Antenna For UHF Applications.”** IJSRE, Volume 3, Issue 3, March-2015 ISSN (e): 2321-7545.
- **”A Novel Study Towards Data Acquisition For Superconducting Quantum Devices At Remote Location.”** IJARES/November 2015/Volume-3/Issue-11/2201-2206 ISSN 2347- 9337
- **“Simple and Efficient Method of Contrast Enhancement of Degraded Document Image through Binarization.”** JRSSET Volume 1, Issue 8, November 2014, PP 64-70 ISSN 2349-4751 (Print) & ISSN 2349-476X (Online)
- **”Locally Adaptive Probabilistic Wavelet shrinkage Algorithms and Application to**

Colour Image Denoising”, ijird vol.1,issue 5 Aug.2012.

Conferences Coordinated/Attende

- Attended the International Conference on Innovation in Engineering Sciences, Management and Technology and submitted paper **Efficient Semi-blind Channel Estimation for Multiuser Massive MIMO Systems with different primary symbols”** .In Chalapathi institute of Technology, Mothadaka on 28th & 29th February 2020.
- Attended the International Conference on International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems (ICSPECS-2019)**Survey on Channel Estimation of the Orthogonal Frequency Division Multiplexing organized by G.Pulla Reddy Engineering College (Autonomous), 11th &12th JANUARY, 2019.**

FDP's and Workshops Attended/Coordinated:

- One Week Faculty Development Program on Advancements **on Antenna Technologies for future Applications.** Scheduled from 14th -19th Feb 2022.
- Participated in AICTE –ISTE approved orientation /Refresher Programme on **5G cognitive Communication** held during 17-01-2022 to 22-01-2022,organized by Chalapathi Institute of Technology ,Mothadaka, Guntur, AP
- Participated in short course on **Latest MIMO Technologies for 5G networks: Massive MIMO ,mm Wave MIMO, NOMA, Cooperative Communication ,Cognitive Radio and IOT** Organized by Dept of EE ,IIT Kanpur during 27th July to 1st August 2020
- Participated and completed Faculty Development Program on MOODLE from 4th May to 9th May 2020 was organized by **Tagore Institute of Engineering and Technology in association with SPOKEN TUTORIAL IIT BOMBAY.**
- Participated one week National level Faculty Development Program on **Artificial intelligence** from 24th May to 29th May 2020 was organized by CSE Dept.Chalapathi Institute of Technology **in association with Brain O Vision Solutions India Pvt. Ltd.**
- Participated online Faculty Development Program on **Internet Of Things** from 4th May to 8th May 2020 was organized by CSE dept of **CMR Technical campus** in association with **CloudchipTechnologies Pvt. Ltd.**
- Participated and completed Faculty Development Program (from 29th April to 3rd May) on Arduino and test conducted by **PSCMR college of Engineering and Technology** in association with **SPOKEN TUTORIAL IIT BOMBAY (on 9th May).**
- Participated and completed Faculty Development Program (from 29th April to 3rd May) on SCI LAB and test conducted by **PSCMR college of Engineering and Technology** in

association with **SPOKEN TUTORIAL IIT BOMBAY (on 9th May).**

- Participated one week online Faculty Development Program on Advanced Antenna Design using HFSS from 12th May to 17th May 2020 was organized by ECE dept of Santhi Ram Engineering College.
- Participated and completed test on online Faculty Development Program on ICT tools from 11th May to 16th May 2020 was organized by **Sri Vidyanikethan Engineering college in association with SPOKEN TUTORIAL IIT BOMBAY.**
- Attended 2-week online Refresher course /FDP on Recent Innovations in Electrical ,Electronics, Instrumentation, Automation and Teaching pedagogy from 18th May to 30th May 2020 was organized by EEE,EIE,&ICT of SAI RAM Engineering college Chennai **in association with MHRD.**
- Participated on one week online Faculty Development Program on **Signal ,image, and video Processing: A practical approach** under TEQIP 26th May to 30th May 2020 was organized by Dept Electronics and Telecommunications of Govt. college of Engineering KARAD
- Participated in online Faculty Development Program on **Multi carrier modulation in broadband communication and Technology challenges in 5G** from 29th May to 30th May 2020 was organized by ECE dept of Raghu Engineering college Visakhapatnam
- Attended to 6 days FDP on “**SIGNAL ANALYSIS AND TRANSFORM TECHNIQUES**” organized by the E&ICT Academy NIT ,Warangal at the ECE dept of Vignan’s Lara institute of technology & science, vadlamudi from 10th to 15th June,2017
- FDP on **ANSYS HFSS &3D PRINTING** at Vegan’s University
- FDP on VLSI design techniques using **XILINX & MENTOR GRAPHICS EDA tools** at Andhra Loyola Institute of Engg &Technology.

Webinars:

- Participated in online webinar on **Advanced IOT applications-A Practical approach** on 23rd May organized by CSE dept of **Lakki Reddy Bali Reddy College of Engineering, Mylavaram.**
- Participated in online webinar on **Drafting a patent application & procedure for filing Indian patent** on 10th May organized by **vignan Pharmacy College, vadlamudi.**
- Participated in online webinar on **Image Processing and computer vision-Industrial scope** from 27th May to 28th May organized by **Chalapathi Institute of Technology,**

Mothadaka.

- Participated in online webinar on **Virtual and Augmented Reality** on APR 22nd organized by ECE dept of **S.A Engineering College** in association with meticulous Academy of excellence.
- Participated in online webinar on **5G Technology & It's Applications** on 28th May organized by ECE dept of **Sri Vasavi Institute of Engineering & Technology**, Nandamuru.
- Participated in online workshop on **VLSI Circuits Analog and Digital Design Perspectives From 16th May to 17th May** organized by ECE dept of **JNTUA college of Engineering Anantapuramu** in association with AMS Semiconductors & HCL Technologies.
- Participated in online workshop on **SCILAB** on 4th May organized by ECE dept. of **Narasaraopet Engineering college**, Narasaraopet. In association with **ICT at IIT BOMBAY**.
- Participated in online workshop on **Modern Antennas of Wireless Systems from 22nd May to 24th May** organized by Electronics Engineering dept of Shri Ramdeobaba college of Engineering and Management, Nagpur.
- Participated in online workshop on **Microchips on Internet of Things on 13th May** organized by ECE dept of **SVCE Bangalore** In association with Apsis Solutions Bangalore.
- Participated in online One Day Webinar on "**Successful Steps Towards High Quality Scientific Publications**" organized by **Chalapathi Institute of Technology, Mothadaka**.
- Attended a one day Workshop on "**APPLICATIONS OF TRANSFORMS IN THERMAL WAVE DETECTION AND RANGING**" in CIT, Mothadaka.

Professional Memberships

S.No	Organization	Membership Number	Membership Type
1	ISTE	LM117580	Life time
2	IAENG	184838	Life time