

Journals/Book Chapters:

1. **An Approach for Theft Detection and Alerting System”** In:, et al. Information Systems and Management Science. ISMS 2021. Lecture Notes in Networks and Systems, vol 521. Springer, Cham.
https://doi.org/10.1007/978-3-031-13150-9_47
2. **Deepfake Prediction Using Deep Learning Techniques”** International Journal Of Computer Science Engineering And Information Technology Research (Ijcseitr); Issn (Online): 2249-7943; ISSN(Print): 2249-6831; Impact Factor(Jcc) (2022): 11.4217; Index Copernicus Value (Icv) - (2016):60.28; Naas Rating: 3.76; Vol - 13, Issue - 1; Jun 30 2023
3. **An Efficient Computational Approach To Balance The Trade-Off Between Image Forensics And Perceptual Image Quality”** published in IJECE, Vol. 9, No. 5, pp. 3474-3479 ISSN: 2088-8708, October 2019, DOI: 10.11591/ijece.v9i5.pp3474-3479.
4. **Reviewing the Effectivity Factor In Existing Techniques Of Image Forensics”** published in IJECE, Vol. 7, No. 6, pp. 3558-3569 ISSN: 2088-8708, December 2017, DOI: 10.11591/ijece.v7i6.pp3558-3569.
5. **Novel Framework for Optimized Digital Forensic for Mitigating Complex Image Attacks”** published in IJECE, Vol. 10, No. 5, pp.5198-5207 ISSN: 2088-8708, October 2020, DOI: 11591/ijece.v10i5.pp5198-5207
6. **Under Water Acoustic (Uw-A) Communication Architecture And The Key Notions Of Uw-A Propagation”,** Published in International journal of research in engineering and Technology, Volume-03, Issue-02, Feb 2014.
7. **Feature Extraction Of Nonlinear Chaotic Characteristics For Pathological Voice Recognition”,** Published in International journal of research in engineering and Technology, ISSN 2347-6680(E), PISER 15, Volume-02, Issue-05/06, Sep-Oct 2014.
8. **Fpga Based Design Of 1D DCT/IDCT For MIMO OFDM Channel Estimation”,** Published in European scientific international journal, ISSN: 1857-7881(print) , ISSN: 1857-7431(online), Oct 2014.

Workshops and conferences attended/Conducted:

1. **Deep-fake Prediction Using Deep Learning Techniques”,** Communicated and Accepted to/from IGI global publication, springer book chapter.
2. **Number Plate Detection and Validation using Machine Learning Approach”,** International Conference on Multidisciplinary Research and Innovation (ICMRI-2K24), Scopus Indexed, March -2024
3. **FARIP: A Simple and Framework for Artifact Removal for Image Processing using JPEG”,** 7th Springer Conference 2018.
4. Attended two-week ISTE Workshop on **SIGNALS AND SYSTEMS”** conducted by **IIT,Kharagpur** held at REVA ITM, Bengaluru, Karnataka, India.
5. Attended one-day Workshop on **DSP: DESIGN, CONCEPTS AND APPLICATIONS”** conducted by **IETE, Bengaluru** held at IETE, Bengaluru, Karnataka, India.

6. Attended 3 days state level workshop on "**Recent advancements in the field of DSP**" held at RBYMEC, Bellary, Karnataka, India.
7. Attended 3 days state level workshop on "**DSP and its applications**" held at SDMIT, Ujire, Karnataka, India.
8. Attended 3 days faculty development programme on "**Data communication and Networking**" held at AIT, Chikmagalur, Karnataka, India.
9. Attended one-day Workshop on "**ADVANCED TECHNOLOGIES IN VLSI DESIGN & TELECOMMUNICATION**" held at VVIT, Bengaluru, Karnataka, India.
10. Attended Three-day "**International Conference on Communication and Computing** " organized by **The society of Information Processing, Bengaluru** held at VVIT, Bengaluru, Karnataka, India.
11. "A review on efficient key management system", *Proceedings of the National Conference on Recent Trends in Communication & Networking, DBIT, Bengaluru, Karnataka, India*, March 27-28,2013.
12. "Implementation of physical layer using OFDM for software defined Radio on FPGA", *Proceedings of the National Conference on VLSI, Communication & Computer Networks, AMCEC, Bengaluru, Karnataka, India*, May 3,2013
13. "FPGA Implementation of Multipattern algorithm for NIDS", *National level technical paper presentation, AIT, Tumkur, Karnataka, India*, March 14,2013
14. "Efficient Colour Image Enhancement and Compression using HSV and DWT techniques", *International Conference on communication and computing, ACE, Bengaluru, Karnataka, India*, June 9-11,2015
15. "**A Novel approach for understanding Bigdata and developing energy constrained Internet of Things Network for Analytics**" accepted as a book chapter in the book titled "New Frontiers in IoT and Cloud Computing for Post -Covid-19 Era" July 2021.

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