

Publications Details

Journals: 2021

1. **Prof. Anitha N** Published paper on "**6T SRAM Cell Design using CMOS transistor and CNTFET**" in Internal Journal of Science Research in Engineering and Management Technology (IJSREM) ISSN:2582-3930, Volume-5, Issue-9, Sept- 2021.
2. **Prof. Madhusudhan S**, Published paper on "**Validating retinal color fundus data bases and methods for diabetic retinopathy screening**" in Springer, CVBICAISC, ISSN:2194-5357, ISBN:978-981-33-6861-3, volume-3138 on July 2021

Conference: 2021

1. **Prof. Anitha N** presented a paper on "**Smart Street Lighting System using IoT**" in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.
2. **Prof. Anitha N** presented a paper on "**Using of MicroLEB Lighting on Mountain Trails**" in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th& 10th July, 2021.
3. **Prof. Abhishek K H** presented a paper on "**SATELLITE COMMUNICATIONS IN THE NEWSPACE ERA: A SURVEY AND FUTURE CHALLENGES**" in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.
4. **Prof. Abhishek K H** presented a paper on "**From high-touch to high-tech: COVID-19 drives robotics adoption**" in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th& 10th July, 2021.
5. **Prof. Abhishek K H** presented a paper on "**Deep Neural Network-Based Receiver for Next Generation LEO Satellite Communications**" in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.
6. **Prof. Chethan Kumar S** presented a paper on "**High Accuracy QRS Peak Detection for Fetal Movement Monitoring using IOT**" in National Conference on "Recent Advances in Engineering & Management" (NCRAEM - 21) on 9th & 10th July, 2021.
7. **Prof. Madhusudhan S** presented a paper on "**A NOVEL TECHNIQUE FOR OPERATION OF SMART PHONES WITHOUT INTERNAL BATTERY**" in

National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.

8. **Prof. Anitha N** presented a paper on “**Locating Pill Camera Inside The Body**” in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.
9. **Prof. Madhusudhan S** presented a paper on “**Validation of Automatic Speech Recognition Systems -ASR**” in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.
10. **Prof. Madhusudhan S** presented a paper on “**A review on Silent Sound Technology devices and techniques**” in National Conference on Recent Advances in Engineering & Management (NCRAEM - 21) on 9th & 10th July, 2021.

Journals: 2020

1. **Prof. Madhusudhan S**, Published paper on “**Retinal Color fundus data base evaluation for various eye diseases**” in IJLTES, ISSN:2321-0605, Volume-9, Issue-4, June 2020.

Conference: 2020

1. **Prof. Madhusudhan S** presented a paper on “**Validating retinal color fundus data bases and methods for diabetic retinopathy screening**” on 4th international Conference on computational vision and bio-inspired computing on 19th and 20th Nov, 2020 at RVS Technical Campus Coimbatore.
2. Veresh Patil, Ramesh,Sridhar S B,Centroiding and Connected Component Labeling for Radar Images Using Image Processing Algorithms IEEE---2020

Journals: 2019

1. **Prof. Anitha N** Published paper on "**Parameter Analysis of CNTFET**" in Internal journal of recent Technology and Engineering, ISSN:2277-3878, Volume-8, Issue-2, July 2019.
2. **Prof. Anitha N** Published paper on "**Balanced XOR/XNOR circuits using CNTFET**" in Internal journal of Innovative Technology and Exploring engineering, ISSN:2278-3075, Volume-8, Issue-10, August 2019.
3. **Prof. Madhusudhan S**, Published paper on “**Review on retinal image segmentation techniques**” in IJERT, ISSN:2278-0181, Volume-7, Issue-9, July 2019.

Conference: 2019

1. **Prof. Anitha N**, Presented paper on “**Low power full adder design using CMOS Technology**” in NCRAEM-19 at AIEMS on 29th and 30th March 2019.
2. **Prof. Anitha N**, Presented paper on “**Study of FINFET for low power and high Speed Digital circuit design**” in NCRAEM-19 at AIEMS on 29th and 30th March 2019.

Journals: 2018

1. **Veeresh Patil, Srinivas Babu**, “**Comprehensive Study of Non-Linear Effects in WDM Optical Networks**”, International Conference on Futuristic Innovations and Challenges to Diversity Management Emerging Technologies and Sustainability for inclusive Industrial Growth, ISBN 973-93-80888-29-1) International Journal of Computer Applications (0975 – 8887)

Conference: 2018

1. **Prof. Madhusudhan S** presented a paper on “**Review on retinal segmentation and its techniques**” on 3rd international Conference on EECCOT on 14th and 15th Dec, 2018 at GSSSIT, Mysore.
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3. **Prof. Madhusudhan S**, Published paper in IEEE National Conference “**Human sleuthing Robot for earth quake Rescue operation**” held at RNSIT in 2018.
4. **Prof. Chittaranjan Das** Department of ECE, AIeMS Published paper in IEEE National Conference “ **Human sleuthing Robot for earth quake Rescue operation**” held at RNSIT in 2018
5. **Prof. Anil Kumar. K**, Presented paper on “**Traffic Sign Recognition and Auto Indication System Using RF And Arduino**” in NCRAEM-18 at AIEMS on May 20th &21st 2018
6. **Prof. Anil Kumar**, Presented paper on “**Self Diagnosis and safety system for Vehicles using I2C Protocol**” in NCRAEM-18 at AIEMS on May 20th &21st 2018
7. **Prof. Rashmi S** Presented paper on “**A new 16-bit high speed and variable stage carry skip adder**” in NCRAEM-18 at AIEMS on May 20th &21st 2018.

8. **Prof. Madhusudhan S**, Presented paper on “**Wireless Health Monitoring System for Cardiovascular Using Arduino**” in NCRAEM-18 at AIEMS on May 20th & 21st 2018

Journals: 2017

1. **Veeresh Patil, Sanjeev Gupta , C. Keshavamurthy**, “**S-RLNC Multi-Generation Mixing assisted MAC Optimization for Multimedia Multicast over LTE-A, Advances in Intelligent systems and computing Series**”, Springer ISSN (2194-5357) International conference on Cognitive Informatics and soft Computing (CISC-2017).(SCI-UGC-Scopus)
2. **Dr.Veeresh Patil HOD**, Department of ECE, AIeMS CSIC2017-Springer conference @VBIT Hyderabad on **LTE Networks**.
3. **Dr.Veeresh Patil HOD**, Department of ECE, AIeMS Paper Published at IJCNIS and IJCSIS.
4. **Prof.Anitha N** Department of ECE, AIeMS Published research paper " **Comparative Study of different technologies to replace CMOS Technology**" in International Journal of Circuit Research, volume 9, Issue 09, PP-58019-58035 Sept-2017.

Conference: 2017

1. **Prof. Chaitanya Kumar R** Presented paper in "**Artificial intelligence and society on simulation and analysis of hybrid beam forming for IEEE802.11ad**" at RVCE Bangalore