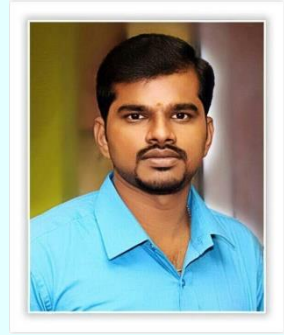


ASHWIN JS

Assistant Professor

Contact No : 9600976380

E-mail : jsashwin2010@gmail.com



Mr. J.S. ASHWIN Assistant Professor in the Department of Electrical and Electronics Engineering has 7 years of Teaching experience and 1 years in Industry experience having knowledge across the domain of Electronics and embedded system.

He received his B.E. Electronics and communication Engineering from Pallavan College of Engineering/Anna University,2011, M.E. Applied Electronics from Sriram Engineering College/Anna University,2014.

He has Guided B.E., Students in their Research project works and published 7 Technical papers in Scopus Index and 7 research paper in various International journals

JOURNAL PUBLICATION:

- J.S.Ashwin , D.Vani , Dr. P.Siva Perumal , S. Satish Kumar,“ Analyzing Reliability And Flooding Mechanism In Multi-Hop Wireless Networks”, International Journal of Aquatic Science , Vol 12(3), pp.579-584,2021.
- P.Sivaperumal, Subranhsu Sekhar Dash , Sathish Kumar, J.S.Ashwin, “Fuzzy – Discrete wavelet Transform aided SCII based IDVR for Mitigating Power Quality Issues”, International Journal of Aquatic Science , Vol.12(3), pp.602-615, 2021.
- Satish Kumar S , Dr M. Sasikumar, Dr P Sivaperumal , J.S Ashwin , Kavitha Kumari K S “Implementation Of A Simplified Nine Level Dc-Ac Inverter”, International Journal of Aquatic Science , Vol.12(3), pp.585-592, 2021.
- “WSN and GPS based Crop Monitoring and Automated Irrigation System” IJERA, ISSN:2248-9622 , Vol. 8, Aug 2018
- “Power of Ambient Temperature on the Performance of the Semiconductor Laser” IJEECS, ISSN:2502-4752, Vol. 9, No. 3, March 2018, pp. 606~608.
- “Embedded System Based Power Plant Monitoring and Controlling” IJEECS Vol. 9, No. 2, February 2018, pp. 275~278 ISSN: 2502-4752.
- “A HIGH STEP-UP DC/DC CONVERTER FOR MARINE APPLICATIONS” IJMPERD, ISSN (P): 2249-6890; ISSN (E): 2249-8001,Vol. 8, Issue 1, Feb 2018, 785-790

- “Audio Denoising Based on Short Time Fourier Transform” IJEECS, ISSN: 2502-4752, Vol. 9, No. 1, JAN 2018, pp. 89~92
- “Impacts of Average Power Factor Management Into Sharing System with Discrete Production” IJEECS, Vol. 8, No. 3, December 2017, pp. 698 ~ 69.
- “Convolutional Neural Network Based Target Recognition for Marine Search” IJEECS, Vol. 8, No. 2, November 2017, pp. 561 ~ 563.
- “Quantifying Severity of Flooding Denial of Service Attacks on Internet Enabled Network Performance Metrics” IJERT ISSN 2278-0181 Vol. 6 Issue 04, April-2017
- “A REVIEW ON WIRELESS POWER TRANSMISSION” ijecet, ISSN 0976-6464, Vol. 6 Issue 10, Oct 2015, pp. 01-05.
- "MATLAB and FPGA Implementation of Invisible Video Watermarking Using DWT," IJAER, ISSN 0973-4562 Vol. 9, No. 18 (2014) pp. 3789-3796.
- "Optimization of SRAM Array Structure for Energy Efficiency Improvement in Advanced CMOS Technology," IJST, ISSN: 0974-5645, Oct 2014, Vol 7 (S6), 35–39.

CONFERENCE:

- “Multi sensor data fusion and Video Streaming based Mine Safety Monitoring System through IP” in icirmeee 2021 at AMET University, Chennai on 18th August 2017”.
- “A Review of Human Eye Tracking and Issues” in icirmeee 2021 at AMET University, Chennai on 18th August 2017”.
- “NOVEL TECHNIQUES FOR NDE USING LASER LINE PULSED THERMOGRAPHY” in ETNEM-2017 at AMET University, Chennai on 11th August 2017”.
- “Efficient architecture of SRAM array structure for energy minimization in 120nm technology” in ICRTET at oxford engineering college, polur, on 1st march 2014.

FDP/Workshop/Seminar Attended/ Organized

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Lab on Chip" from 2021-1-18 to 2021-1-22 at S.R.M INSTITUTE OF SCIENCE AND TECHNOLOGY.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Sustainability Engineering" from 2020-12-14 to 2020-12-18 at St. Joseph's College of Engineering.

- Participated in Virtual workshop in “Underwater Technology - V2.0- Understanding Oceans and Exploration of Deep Sea Bio Resources by Technology” in SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
- Participated in the One Day National Workshop on NETWORK ATTACKS AND COUNTER MEASURE in VIT, Chennai.