



A P S College of Engineering

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Department of Electronics & Communication Engineering



Faculty Publication Details

Faculty name	Title of the paper/book	Citation/ Publisher details
Dr.D.G Anand	Unveiling the prospects of Y2O3-based nanocomposites: Synthesis, characterization, and electrochemical assessment for supercapacitor and biosensor application.	Materials Today Communications 39(2024) 108516, volume 39, June 2024, 108516.
	Multifunctional RGO-Gd ₂ O ₃ :Eu ³⁺ nanocomposites for supercapacitor and biosensor application	Materials Chemistry and physics, Volume 329, 1 January 2025, 130128.
	RGO@β-CaSiO ₃ :Sm ³⁺ nanocomposites for super capacitors, biosensor and w-LEDs application	Ceramics International, Volume 50, Issue 22, Part B. 15 November 2024, pages 47067-47088.
	Evaluation of Tb ³⁺ -doped spinel magnesium aluminate as a dual-function material for dopamine sensing using glassy carbon electrode and forensic applications	Inorganic Chemistry Communications, Volume 170, Part 2, December 2024, 113286
DrNaik D C	Advancements and Challenges in 5G Networks	2023 International Conference on Smart Systems for applications in Electrical Sciences (ICSSES) 979-8-3503-4729-6/23/\$31.00 ©2023 IEEE DOI: 10.1109/ICSSES58299.2023.10201156
Prof Chandra Sekhar S	Forecasting - An Industry Perspective	International Conference on Futuristic Sustainable Energy & Technology 2021, 24th – 25th July, Organized by Hilly Tech Starter Pvt. Ltd., Dehra Dun, Uttarakhand (India).
	Role of Dispatching in Production Planning and Control Department of a Typical Industry-An Outline	International Conference on Futuristic Sustainable Energy & Technology 2021, Organized by Hilly Tech Starter Pvt. Ltd., Dehra Dun, Uttarakhand (India).
	An Optimized Filter Design with Cuckoo Search Algorithm for Industrial Microgrids	International Conference On Signal Processing, Computation Electronics, Power and Telecommunication (IconSCEPT), 25th – 26th May 2023, Organized by National Institute of Technology, Puducherry, Karaikal (India).
	Survey Paper: A Novel Approach of Multi-Level Inverter for Industrial Drive Applications	International Journal of Engineering Research & Technology (IJERT), Id-IJERTV13IS080021, Vol. 13, Issue 08, August-2024, ISSN: 2278-0181, DOI – 10.17577
Prof UshaHN	Intelligent Packing System through IOT	International Conference on Frontiers in Engineering, Management and Science ISBN:978-93-92105-59-3, 27-04-2022 and 28-04-22 APS college of Engg.IAPSSB978
	Advanced Electric Bike with Integrated safety and Monitoring System.	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISBN:978-93-92105-59-3, 27-04-2022 and 28-04-22 APS college of Engineering.
	Power Saving Mechanism for Street Lights using IOT	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISBN:978-93-92105-59-3, 27-04-2022 and 28-04-22 APS college of Engineering.

	Aircanvas using Open CV	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISBN:978-93-92105-59-3, 27-04-2022 and 28-04-22 APS college of Engineering.
	Multiple Skeleton Recognition using Kinect	International Conference on Data Science, Computation and Security (IDSCS-24) Organised by the CHRIST (Deemed to be University), India
Prof PurvaKamatMhamai	An Effective Double Density Dual-Tree ComplexWavelet Transform Based Denoising for MIMO-OFDM	International Journal of Intelligent Engineering & Systems.Vol.16, No.6, 2023 DOI: 10.22266/ijies2023.1231.61
	Anti-Theft Vehicle Security System Using GSM and GPSTechnology	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISBN:978-93-92105-59-3, 27-04-2022 and 28-04-22 APS college of Engineering.
	Soldier Security Device	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISBN:978-93-92105-59-3, 27-04-2022 and 28-04-22 APS college of Engineering.
	Smart reader Glass For Visually Challenged.	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 12, Issue 4, April 2024,
Prof.TheodoreJesudas	Charging Station For E-Vehicle using Solar Based IOT	International Conference on Frontiers in Engineering, Management and Science,ISBN:978-93-92105-59-3,27-04-2022 and 28-04-22 APS college of Engg.IAPSSB978-93-92105-59-3ISBN: 978-93-92105-59-3
	Brainwave Controlled Miniature Wheelchair Using BCI Technology	International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering, Vol. 12, Issue 4, April 2024
	Multiple Skeleton Recognition using Kinect	International Conference on Data Science, Computation and Security (IDSCS-24) Organised by the CHRIST (Deemed to be University), India
Prof. Sheetal patted	Solar Powered Automated Multitasking Agricultural ROBOT	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 12, Issue 4, April 2024.
Dr. Jagadeesh HS	Sign language interpreter for specially abled people	ICFEMS-2022 Virtual Conference, ISBN:978-93-92105-59-3
	Detection of Bowlers error using Deep Learning	IEEE International Conference on Applied Intelligence and Sustainable Computing-2023
DrKanakaraju R	Hybrid optimized fuzzy-based cluster head selection for WSN data communication in IoT environment	IJETT International Journal of Engineering Trends and Technology, ISSN: 2231-5381, Vol. 70 Issue 7,pp. 422-437
	Enhancement of the Network Lifetime for Mobility Based Clustering Algorithm in WSN	Indian Journal of Computer Science and Engineering e-ISSN : 0976-5166 p-ISSN:2231-3850, Vol. 13 No. 4,pp. 1610-1623.