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Department of Electronics and communication Engineering Details of Faculty Publications, Academic Year:2025-26

S.No	Author Name	Title of the Paper	Journal Name & Publisher Name	Vol. No., Issue No., Page No.	ISBN/ISSN
1	Dr. R.Samba siva Nayak	SRAM Cell Design using FinFET for	IJMRSET	Volume 9, Issue 3, 3748-3752 March 2026	ISSN 2582-7219
2	Dr.K.Murali Babu	AES S-Box Hardware with Efficiency Improvement Based on LMO	IJMRSET	Volume 9, Issue 3, 3740-3743 March 2026	ISSN 2582-7219
3	Mr.D.Sridhar	Modal Feature Disentanglement and Contribution Estimation for Multimodality Image Fusion (MFDCE-Fuse)	IJIRCCE	Volume 14, Issue 3, 2511- 2513, March 2026	ISSN: 2320-9798
4	Mr.D.Sridhar	Medical Image Fusion on Latent Low Rank	IJIRCCE	Volume 14, Issue 3,	ISSN: 2320-9798
5	Mrs. J.S.N. Deepika	Static Random Access Memory using Cadence Virtuoso GPDK 90nm Technology	IJMRSET	Volume 9, Issue 3, 2582- 7219, April 2025	ISSN: 2582-7219
6	Mrs. J.S.N. Deepika	A Compact Super Wideband Hexagonal	IJIRCCE	Volume 14, Issue 3, 2427- 2431, March 2026	ISSN: 2320-9798
7	Mrs.P.Jyothi	Design and Verification of UART Serial Communication	IJMRSET	Volume 9, Issue 3, 3744 -3747, March 2026	ISSN: 2582-7219
8	Mrs.P.Jyothi	Raspberry-Pi Based Real-Time Air Pollution Tracker	IJIRCCE	Volume 14, Issue 3, March 2026 ,2436-2439	ISSN: 2320-9798
9	Mrs. Y.R.K.Paramahansa	Manual & Semi-Autonomous Weed Identification Robot	IJIRCCE	Volume 14, Issue 3, March 2026 ,2413-2417	ISSN: 2320-9798
10	Mrs. Y.R.K.Paramahansa	Image Based Emotion Recognition using Deep Neural Network	IJIRCCE	Volume 14, Issue 3, March 2026 ,2507-2510	ISSN: 2320-9798

11	Mr. N. Naga Raju	Noise Reduction in Low-Light Spinal images using CNN-Based Spinal Net Approach	IJIRCCE	Volume 14, Issue 3, 2432- 2435, March 2026	ISSN: 2320-9798
12	Mr. N. Naga Raju	Wide Load Range, High Current Accuracy Low Drop Out Regulator with Load Tracking Compensation and Dual Soft Start for Wireless Charging System	IJIRCCE	Volume 14, Issue 3, 2432- 2435, March 2026	ISSN: 2320-9798
13	Mrs.K. Sowmya Sri	Standard Cell Design Using Cadence Virtuoso in GPDK 90nm CMOS Technology	IJIRCCE	Volume 14, Issue 3, 2432- 2435, March 2026	ISSN: 2320-9798
14	Mrs.K. Sowmya Sri	Design & Implementation of FIR Filter using Verilog	IJMRSET	Volume 9, Issue 3, 3757-3761 March 2026	ISSN 2582-7219
15	Mr. J.Jyothi Swaroop	Design and Performance Analysis of 64 Bit Hybrid Adder	IJMRSET	Volume 9, Issue 3, 3753-3756 March 2026	ISSN 2582-7219
16	Mr. J.Jyothi Swaroop	IoT Based Weather Monitoring Station using Raspberry Pi	IJIRCCE	Volume 14, Issue 3, 2524- 2528, March 2026	ISSN: 2320-9798
17	Mrs.Karuna gone	Design and Verification of Asynchronous FIFO	IJIRCCE	Volume 14, Issue 3, March 2026 ,2450-2453	ISSN: 2320-9798
18	Mrs. L.J.N. Sree Lakshmi	Low Power MAC Architecture used in DSP Applications	IJMRSET	Volume 9, Issue 3, 3762 -3765, March 2026	ISSN: 2582-7219
19	Mrs. L.J.N. Sree Lakshmi	Design and Verification of Car Parking Management System using Verilog	IJIRCCE	Volume 14, Issue 3, 2432- 2435, March 2026	ISSN: 2320-9798

20	Mrs. S. Rajeswari	Adaptive DVFS and Power-Gated VLSI Techniques for Energy-Efficient Wireless Sensor Node Design	IJIRCCE	Volume 14, Issue 3, March 2026 ,2409-2412	ISSN: 2320-9798
21	B. Sujatha	Design and Implementation of AMBA AXI 4.0 Master for High Speed Performance SoC	IJMRSET	Volume 9, Issue 3, March 2026,3775-3778	ISSN: 2582-7219
22	Mrs.Ch .Amala	Implementation of 12-bit R-2R DAC using CadenceVirtuoso in GPDK 90nm CMOS Technology	IJIRCCE	Volume 14, Issue 3, March 2026 ,2422-2426	ISSN: 2320-9798
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24	Ms.Ch.N.V.Tirumala	IoT Based Digital Notice Board usingRaspberry Pi	IJIRCCE	Volume 14, Issue 3, March 2026 ,2445-2449	ISSN: 2320-9798
25	Mr.B.Sudhakar Rao	Smart Fire Detection System Using Raspberry Pi	IJIRCCE	Volume 14, Issue 3, March 2026 ,2440-2444	ISSN: 2320-9798
26	K.G.V. Nageswara Rao	AI-Powered Vision System for Automated Quality Grading using Image Recognition	IJIRCCE	Volume 14, Issue 3, March 2026	e-ISSN: 2320-9801 p-ISSN: 2320-9798
27	G.N.P.Jyothi	Hybrid Deep Learning Architecture Using Attention-Driven Analysis for Optimal Multi Scale Speech Processing	IJMRSET	Volume 9, Issue 3, March 2026,3766-3770	e-ISSN: 2582-7219


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