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PUBLICATIONS-ECE DEPARTMENT

INTERNATIONAL JOURNALS

Q1-12, Q2-14, Q3-3,Q4-06

| S.No. | Name of faculty    | Name of Co-authors  | Title of paper   | Journal name  | Date and year of publication | Volume no, page no, issue no     | ISSN number | DOI   | Indexing | Impact factor |
|-------|--------------------|---|--|---|------------------------------|----------------------------------|-------------|---|----------|---------------|
| 1.    | Dr.Pratikhya Raut  | Deepak Kumar Panda, Amit Kumar Goyal  | A Comprehensive Review on Next-Generation Modeling and Optimization for Semiconductor Devices                  | IEEE Access   | 10 July 2025                 | Vol-13, Page No- 123724 - 123742 | 2169-3536   | 10.1109/ACCESS.2025.3587721   | SCIE     | 3.6           |
| 2.    | Dr. Pratikhya Raut | T Sikhmani, Deepak Kumar Panda  | Performance analysis of nanoscale organic field-effect transistors with respect to different device parameters | Microsystem Technologies                                    | 11 July 2025                 | 1432-1858                        |             | <a href="https://doi.org/10.1007/s00542-025-05901-5">https://doi.org/10.1007/s00542-025-05901-5</a>   | SCIE     | 1.8           |
| 3.    | Dr. Vanka Saritha  | V.N. Koteswara Rao Devana , M. Bhagya Lakshmi Md. Ahsan Halimi , GS K.Gayatri Devi ,Nageswara Rao | Low-profile four-port MIMO antenna realizing penta-band notchesfor UWB systems                                 | Optik - International Journal for Light and Electron Optics | 1 September 2025             | Volume 336                       |             | <a href="https://doi.org/10.1016/j.ijleo.2025.172454">https://doi.org/10.1016/j.ijleo.2025.172454</a> | Scopus   |               |

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|    |                     | Lavuri,Ahmed J.A. Al-Gburi g,*                                 |  |  |              |                |                  |   |        |     |
| 4. | Ketavath Kumar Naik | Ketavath Kumar Naik, Chirukuri P, T Addepallig, A J.A. A Gburi | Quad-port wheel-shaped MIMO patch antenna system deployed at UWB application for 6G terahertz communications | Photonics and Nanostructures - Fundamentals and Applications | 22 July 2025 | Vol 66, 101430 | 1569-4429        | <a href="https://www.sciencedirect.com/science/article/abs/pii/S156944102500080X">https://www.sciencedirect.com/science/article/abs/pii/S156944102500080X</a> | SCIE   | 2.9 |
| 5. | M Padmaja           | Mariyadasu, M  | Heuristic-based cascaded convolutional neural network for enhanced artifacts removal from EEG signal         | Signal, Image and Video Processing                           | 25 July 2025 | 19-911         | <b>1863-1711</b> | <a href="https://doi.org/10.1007/s11760-025-04501-0">https://doi.org/10.1007/s11760-025-04501-0</a>   | SCIE   | 2.1 |
| 6. | K Premchand         | P Hari Krishna   | A triple-band multiport MIMO antenna with enhanced isolation for LTE2.5/5 G mobile terminal applications     | International Journal of Electronics Letters                 | 25 Jul 2025. | In press       | 2168-1732        | 10.1080/21681724.2025.2534984   | Scopus | -   |

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| 7.  | P Phani Kumar       | N. Kapileswar, J. Simon, T. M. Chen, and S. Mithileysh        | Improved dDQL: A Double Deep Q-Learning Enabled Localization for Internet of Underwater Things                   | Transactions on Emerging Telecommunications Technologies | 1 July 2025    | 36, no. 7 (2025): e70207 | 2161-3915 | <a href="https://doi.org/10.1002/ett.70207">https://doi.org/10.1002/ett.70207</a>                   | SCI             | 2.5 |
| 8.  | Dr K B S Sri Nagini | V Jaya Prakash, DS Chandu, Rusan Kumar Barik, Slawomir Koziel | Microfluidic self-quadruplexing SIW antenna with independent tuning and simultaneous sensing of liquid materials | Scientific Reports Nature                                | 1 July 2025    | 15, 21316 (2025)         | 2045-2322 | <a href="https://doi.org/10.1038/s41598-025-04759-x">https://doi.org/10.1038/s41598-025-04759-x</a> | SCI             | 3.9 |
|     | K.Sneha             | Vipul Agarwal   | Design and Analysis of Compact four port fractal - loaded MIMO antenna for 5G application                        | International Journal of Communication systems           | August 2025    | Vol 38, Issue 13         |           | <a href="https://doi.org/10.1002/dac.70206">https://doi.org/10.1002/dac.70206</a>                   | SCIE            | 1.8 |
| 10. | G. Venkatasubbaiah  | Basavaraj S. Sannakashpanavar1*                               | Study of ohmic contact at Ti/ZnO interface by using electrical characteristics and KPFM analysis                 | Discover Materials (Springer Nature)                     | 31 August 2025 | Vol.5 no. 175            | 2730-7727 | <a href="https://doi.org/10.1007/s43939-025-00375-8">doi.org/10.1007/s43939-025-00375-8</a>         | ESCI and Scopus | 5.1 |

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| 11. | Dr.Ch.Rag<br>havendra | Dr.A.Jhansi<br>Rani,<br>Dr.D.Venkata<br>rao,                            | DESIGN AND<br>FABRICATE A<br>NOVEL TYPE-C<br>BAND<br>CIRCULARLY<br>POLARIZED<br>LADDER-<br>SHAPED<br>RECTANGULAR<br>DIELECTRIC<br>RESONATOR<br>ANTENNA FOR<br>SUB-6 GHz<br>FREQUENCY IN<br>RADAR<br>APPLICATIONS | Journal of<br>Telecommunic<br>ation and<br>Radio<br>Engineering | 20 September<br>2025 | Vol.84,<br>n0.11,1-13                    | <b>0040250<br/>8,<br/>1943600<br/>9</b> | DOI:<br>10.1615/Tele<br>comRadEng.<br>2025053307 | Scopus | 0.61 |
| 12. | Dr.Ch.Rag<br>havendra | Dr.A.Jhansi<br>Rani,<br>Dr.D.Venkata<br>rao                             | PERFORMANCE<br>ANALYSIS OF<br><br>RECTANGULAR<br>DIELECTRIC<br>RESONATOR<br>ANTENNA FOR<br>SATELLITE<br><br>COMMUNICATI<br>ON<br>APPLICATIONS  | Journal of<br>Telecommunic<br>ation and<br>Radio<br>Engineering | 20 September<br>2025 | Vol.84,<br>n0.11,87-94                   | <b>0040250<br/>8,<br/>1943600<br/>9</b> | DOI:<br>10.1615/Tele<br>comRadEng.<br>2025053307 | Scopus | 0.61 |
| 13. | Dr.V.Sarith<br>a      | V.N.<br>Koteswara<br>Rao<br>Devana,M.<br>Bhagya<br>Lakshmi,Md.<br>Ahsan | Low-profile four-<br>port MIMO<br>antenna realizing<br>penta-band<br>notches<br>for UWB systems  | Optik   | September<br>2025    | Volume 336,<br>September<br>2025, 172454 | 1618-<br>1336                           | 10.1016/j.ijle<br>o.2025.17245<br>4              | Scopus |      |

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|     |                        | Halimi,GS<br>K.Gayatri<br>Devi,Nagesw<br>ara Rao<br>Lavuri,Ahme<br>d J.A. Al-<br>Gburi                  |   |  |                            |                    |               |   |        |       |
| 14. | P Phani<br>Kumar       | Sushkrutha<br>Kuttuva<br>Ravikanth,<br>Sreeja<br>Gudimalla, R.<br>Greeshmanth                           | EffiResNet-<br>SENet: An<br>Optimization-<br>assisted Deep<br>Learning<br>Approach for<br>Range-based<br>Wireless Sensor<br>Network<br>Localization           | Wireless<br>Personal<br>Communicatio<br>ns               | October 2025               | 45931              | 1572-<br>834X | <a href="https://doi.org/10.1007/s11277-025-11832-1">https://doi.org/10.1007/s11277-025-11832-1</a> | SCI    | 2.2   |
| 15. | A<br>Vijayasank<br>ar  | S. Srinivasa<br>Rao, J<br>Venkateswar<br>a Rao,<br>Narayana<br>Rao P, M K<br>Kishore, B.<br>Nancharaiah | Optimizing Packet<br>Delivery in<br>Wireless Mesh<br>Networks Using<br>ABC-PSO with<br>VoIP Protocol  | I. J. Computer<br>Network and<br>Information<br>Security | 8 October<br>2025          | Vol 17, Issue<br>5 |               | DOI:10.5815<br>/ijcnis.2025.0<br>5.06   | Scopus | 0.277 |
| 16. | Dr.P.Satya<br>narayana | Anushkannan<br>N K, Vijay<br>M, Joany R<br>M,<br>Krishnaveni<br>B, Hiral<br>d Dwaraka<br>Praveena       | A Novel Deep<br>Learning<br>Architecture for<br>Real-Time<br>Autonomous<br>Driving<br>Perception with<br>Fuzzy Graph-Cut<br>and Metaheuristic<br>Optimization | Traitement du<br>Signal                                  | Accepted in<br>October2025 |                    | 1958-<br>5608 |   | SCIE   | 1.2   |

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| 17. | Dr. V. Veera Babu | Shyam Gopal Yadav, Smrity Dwivedi, M. Thottappan | Simulation of Electron-Wave Processes in a Stagger-Tuned Millimeter-Wave Gyro-Twystron                 | IEEE TRANSACTIONS ON PLASMA SCIENCE        | 5 August 2025 | VOL. 53, NO. 9  | 2226-2233       | <a href="https://doi.org/10.1109/TPS.2025.3593049">https://doi.org/10.1109/TPS.2025.3593049</a>     | SCI    |      |
| 18. | Dr.B M M Tripathi | R Santosh, NK Dammireddy,                        | Optimization and Performance Evaluation of Vertical AlGaN/GaN HEMTs for high-power and RF applications | Journal of Dalian University of Technology | Nov. 25       | VoL. 32, NO. 10 | ISSN: 1000-8608 | <a href="https://jdut.net/volume-32-issue-10/">https://jdut.net/volume-32-issue-10/</a>             | SCOPUS | 5.7  |
| 19. | Dr.B M M Tripathi | , O. Sai Sindhu, , K. Satya Uday, , P. Mounika   | Joint Optimization of Bolus Dose and Delivery Timing Using Reinforcement Learning for Type-1 Diabetes  | Journal of Dalian University of Technology | DEC.25        | VoL. 32, NO. 12 | ISSN: 1000-8608 | <a href="https://jdut.net/volume-32-issue-12/">https://jdut.net/volume-32-issue-12/</a>             | SCOPUS | 5.7  |
| 20. | DR N S MURTHY     | g.Suryanarayana, G., Kumar, P.                   | Early Detection of Lung Cancer Using Deep Learning Techniques: A Comprehensive Review                  |  |               |                 |                 | <a href="https://doi.org/10.1007/s11831-025-10431-4">https://doi.org/10.1007/s11831-025-10431-4</a> | SCIE   | 12.1 |

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| 21. | DR N S MURTHY                         | Shaik Fayaz Ahamed & Padarti, V.K   | A Comprehensive Review on Massive MIMO Systems for 6G and Beyond Networks Using ML and DL Techniques                      | Wireless Personal Communications                | 20.10.2025       | 144, 275–312 (2025) | Electronic ISSN 1572-834X | <a href="https://doi.org/10.1007/s11277-025-11850-z">https://doi.org/10.1007/s11277-025-11850-z</a>                | SCIE   | 2.1 |
| 22. | DR N S MURTHY                         |   | Real-Time Crop Prediction and Recommendation Using Machine Learning for Enhanced Agricultural Productivity                |   |                  |                     |                           |  | SCIE   | 1.3 |
| 23. | Dr Venkata Sainath Gupta Thadikemalla | Shobha Sharma, Ashok Choudhury, Archana Rastogi, Tapan Gandhi, Shiv K. Sarin                            | A simple laboratory-based machine learning model accurately predicts advanced Liver Fibrosis in MASLD patients            | Journal of Clinical and Experimental Hepatology | 10 December 2025 | -                   | -                         | <a href="https://doi.org/10.1016/j.jceh.2025.103438">10.1016/j.jceh.2025.103438</a>                                | SCIE   | 3.2 |
| 24. | Dr.D Venkata Rao                      | Sai Rekha Gudivakal · Pranuthi Polipogul · Radha Kodalenkata Siva Kishor Tatavarty3 · Jahnavi Penumudil | Speech emotion recognition in adults and children: a comprehensive review of traditional features and raw waveform models | International Journal of Speech Technology      | 14-October-2025  | 29:21:00            | ISSN:1381-2416            | 2026) 29:21<br><a href="https://doi.org/10.1007/s10772-025-10229-6">https://doi.org/10.1007/s10772-025-10229-6</a> | Scopus | 1.5 |

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|     |                       | · Pradeep Reddy Gogulamudii                        |   |   |              |                                  |                |   |      |     |
| 25. | Dr Pratikhya Raut     | TRS Chandran, Deepak Kumar Panda, Amit Kumar Goyal | Performance enhancement in CZTSSe solar cells via BaSi <sub>2</sub> back surface field integration  | Scientific Reports                                | 5th Dec 2025 |                                  | ISSN 2045-2322 | <a href="https://doi.org/10.1038/s41598-025-31243-3">https://doi.org/10.1038/s41598-025-31243-3</a> | SCIE | 3.9 |
| 26. | Dr.Ch.Raghavendra     | G. Obulesu a, Abdulkarem H.M. Almwagani            | Design and analysis of poly-cotton material based star-shaped wide band textile antenna for GSM, 5G, WBAN, and satellite communication applications | Materials Science in Semiconductor Processing     | 8 Dec 2025   | 205, pg 1-20                     | 13698001       | <a href="https://doi.org/10.1016/j.mssp.2025.110340">https://doi.org/10.1016/j.mssp.2025.110340</a> | scie | 4.5 |
| 27. | Dr. B Lakshmi Sirisha | Sridevi, G. , Harika, K. V. S. L. & , Shahnazuddin | Covert communication using reversible and lossless image steganography with high embedding capacity   | Journal of Information and Optimization Sciences, | 27/01/2026   | vol- 47, issue -2, Pages 741–751 | 0252-2667      | <a href="https://doi.org/10.47974/JIOS-2054">https://doi.org/10.47974/JIOS-2054</a>                 | ESCI | 1.8 |

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| 28. | Dr. Chiranjit Ghosh   |   | Highly sensitive and tunable intensity-modulated chirped FBG sensor with extended measurement range,   | IEEE SENSORS           | 16/01/2026 | Volume: 26, Issue: 5, pp. 6759-6767 | Print ISSN: 1530-437X<br>Electronic ISSN: 1558-1748 | 10.1109/JSE N.2026.3651528  | SCI  | 4.5 |
| 29. | Dr.P.Satya narayana   | N. Srilatha ,<br>G. Diwkar ,<br>Venkata Satya Prasad Somayajula | Investigating the Influence of Carbide Reinforcements on the Mechanical, Corrosion, and Tribological Properties of Recycled Magnesium Turnings Based Hybrid Composites | Results in Engineering | 17/12/2025 |                                     | <b>2590-1230</b>                                    | DOI:10.1016/j.rineng.2025.108760  | ESCI | 7.9 |
| 30. | Dr. Binay Binod Kumar | Kavindra Kumar Kavi,<br>Sanjay Kumar,<br>Sandeep Raj            | High-sensitivity ammonia gas sensors based on source pocket double-gate vertical hetero-junction TFETs   | Physica Scripta        | 30/01/2026 | 101                                 | <b>0031-8949</b>                                    | <a href="https://doi.org/10.1088/1402-4896/ae3b21">https://doi.org/10.1088/1402-4896/ae3b21</a> | SCIE | 2.6 |

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| 31  | Dr. V. Veeraba Babu | Singh R, Ghalaut,, Goswami U, Kushik, vijaykumal L, Sandher B, & Ghosh J | Development and Characterization of Coaxial Two way Switch for Plasma Discharge Experiments   | Scientific Reports                         | 23/02/2026    |          |           | <a href="https://doi.org/10.1038/s41598-026-39452-0">. https://doi.org/10.1038/s41598-026-39452-0</a>   | SCIE | 3.9 |
| 32  | Dr K B S Sri Nagini | V JayaPrakash, Narayana Rao P, Majahar Hussain Mahammad                  | Theoretical Investigation of a Vanadium Dioxide Based Terahertz Metasurface with Maximum Overlap Bandwidth for Polarization Conversion and Absorption | Journal of Materials Chemistry C           | accepted      |          |           | <a href="https://doi.org/10.1016/j.jhycom.2025.102696">https://doi.org/10.1016/j.jhycom.2025.102696</a> | SCIE | 5.2 |
| 33. | Dr K B S Sri Nagini | D. S. Chandu · V. JayaPrakash · S. S. Karthikeyan                        | Ultra-wideband and switchable metasurface based cross-polarization converter for chlorophyll detection  | Journal of Optical and Quantum Electronics | 17 April 2026 | 61:47:00 | 1572-817X | <a href="https://doi.org/10.1007/s11082-026-08813-4">https://doi.org/10.1007/s11082-026-08813-4</a>     | SCIE | 4   |
| 34. | Dr K B S Sri Nagini | Bappaditya Roy   | Highly Sensitive Triple-Band TeraHertz Metasensor for Multi-Disease Detection   | IEEE Transactions on Plasma Science        | Accepted      |          |           |   | SCIE |     |

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| 35. | Dr K Nageswara Rao | Kalpana Naidu                      | Efficient UAV deployment and resource optimization for enhanced data rates in CDRT-NOMA                                 | Physical Communication                    | 12-04-2025             | Volume 71, August 2025, 102696 | 1874-4907 | <a href="https://doi.org/10.1016/j.phycom.2025.102696">https://doi.org/10.1016/j.phycom.2025.102696</a> | SCIE | 2.2 |
| 36. | Dr. T. Pratap      | Kante Murali, Ravibabu Mulaveesala | Automated Detection of Subsurface Defects in GFRP by Integration of Barker Coded Thermal Wave Imaging and Deep Learning | Engineering Research Express - IOPscience | Provisionally Accepted |                                |           |   | ESCI | 1.6 |

## INTERNATIONAL CONFERENCES

IEEE-27, SCOPUS-44

| S.No. | Name of the Faculty                    | Name of co-authors   | Name of the conference  | Title of the paper   | Details of conference(name of proceedings ,place of organization, page numbers,       | Dates of the conference | ISBN Number       | Indexing | DOI   | Name of Publisher |
|-------|--|--|---|--|---|-------------------------|-------------------|----------|---|-------------------|
| 1.    | Dr M Padmaja                           | Sneha Reddy<br>Kotha Kota,<br>Kowshik<br>Thulluru,<br>Lahari<br>Vanga;                               | AI Powered Technology Integration for Sustainability (AI-PTIS-2024) | Enhancing signal integrity for terrestrial mobile service through compact interdigital band pass filter optimisation | AIP Conference Proceedings, GMRIT, Rajam  | 9 July 2025; 3298 (1)   | 20032             | SCOPUS   | <a href="https://doi.org/10.1063/5.0279571">https://doi.org/10.1063/5.0279571</a> | AIP               |
| 2.    | Dr Venkata Sainath Gupta Thadikem alla | Subhadra Vujji,<br>Pedasanaganti Bhuvana Sri Harika,<br>Anupoju Jahnvi,<br>Shobha Sharma (IIT Delhi) | International Conference on Electronics, AI and Computing (EAIC)    | A Machine Learning based Approach for Liver Fibrosis Diagnosis in NAFLD Using Biomarkers and Demographics            | 2025 International Conference on Electronics, AI and Computing (EAIC), NIT, Jalandhar | 05-07 June 2025         | 979-8-3315-5358-6 | Scopus   | 10.1109/EAIC66483.2025.11101506   | IEEE              |

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| 3. | Dr Shaik Fayaz Ahamed | Telagamsetty Sushmanjali; Dasari Bhanu Reddy; Mokkapati Harshitha                                    | 2025 6th International Conference on Data Intelligence and Cognitive Informatics (ICDICI)             | Development of Real Time CNN-Based System for Telugu Word Recognition on Raspberry Pi                                      | 2025 6th International Conference on Data Intelligence and Cognitive Informatics (ICDICI), Tirunelveli, India, 2025, pp. 146-151   | 9-11 July 2025           | 979-8-3315-0314-7    | Scopus | 10.1109/ICDI CI66477.2025.11135424 | IEEE |
| 4. | K.Lakshmi Sowjanya    | Yampalaku Pallavi, ECE Department NIT Andhra Pradesh, Dr. Prakash Kodali ECE Department NIT Warangal | 2025 International Conference on Computational Robotics, Testing and Engineering Evaluation(I CCRTEE) | A Novel Design of Power-Efficient and Accurate Approximate Multiplier using Approximate Compressors and Approximate Adders | 2025 International Conference on Computational Robotics, Testing and Engineering Evaluation(ICCR TEE),Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu, India,May,2025 | 28-05-2025 to 30-05-2025 | 979-8-3315-9709-2/25 | Scopus | 10.1109/ICCR TE64519.2025.11053053 | IEEE |
| 5. | Siva Reddy Vanga      | Nagarjuna Reddy Thontla; Hari Sai Chandu Bolla   | 2025 6th International Conference for Emerging Technology (INCET)                                     | Smart Cattle Health Monitoring: A Heat Stress Management System  | 2025 6th International Conference for Emerging Technology (INCET),Jain College of Engineering , Belagavi , Karnataka, India  | 23-25 May 2025           | 979-8-3315-3104-1    | Scopus | 10.1109/INCE T64471.2025.11140129  | IEEE |

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| 6. | Dr. P. Satyanarayana | Dingari Kalpana , Sriram Parabrahmac hari, Arun M, Jampani Ravi, Dr. V. Gokula Krishnan | 2025 International Conference on Computing Technologies & Data Communication (ICCTDC)          | Energy-Efficient Multipath Connectivity in WSNs Using a Novel Scheduling and Clustering Approach for IoT applications | Malnad College of Engineering, Hassan   | July 4 - 5, 2025  |                        | Scopus |  | IEEE |
| 7. | Dr. Chiranjit Ghosh  | Kaki Mounika, Jyostna Sri Priya Tummalagunta, T.V.Y. Sucharitha,                        | 16th International Conference on Computing, Communication and Networking Technologies (ICCCNT) | Intensity-Modulated FBG Sensor for Monitoring Respiratory Activit   | 16th International Conference on Computing, Communication and Networking Technologies (ICCCNT)(IEEE Conference)2025, organized by IIT Indore. | July 6-11. 2025   |                        | Scopus |  | IEEE |
| 8. | A Vijayasan kar      | Rekha Nirmala Pathapati, Vallabh Sriram Charan Gupta Jupudi, Narendra Pasam             | 2025 International Conference on Biomedical Engineering and Sustainable Healthcare (ICBMESH)   | Revolutionizing Multiple Sclerosis Detection with MSNet: A Deep Learning Framework                                    | Manipal, India  | 08-09 August 2025 | ISBN:979-8-3315-0208-9 | Scopus | <u>DOI: 10.1109/ICBMESH66209.2025.11182249</u> | IEEE |

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| 9.  | Dr. P. Satyanarayana | Arjun Nelikanti, Arun M, Jampani Ravi, K Sai Krishna, Dr. V. Gokula Krishnan                                  | 2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS) | Energy Optimization in Wireless Sensor Networks Using MHBA-Based Cluster Head Selection for IoT applications                      | Vemana Institute of Technology , Bengaluru. | 30th to 31st August 2025 |  |  | Scopus | IEEE |
| 10. | Dr. P. Satyanarayana | Dr. P. Sushma, Mugada Sri Lakshmi Vani, Pitcheri Praveen Kumar, N. V. Phani Sai Kumar, Dr. V. Gokula Krishnan | 2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS) | Optimization of Energy Efficiency in MANET using Adaptive Bio-inspired Energy Optimization Algorithm (ABEOA) for IoT Applications | Vemana Institute of Technology , Bengaluru. | 30th to 31st August 2025 |  |  | Scopus | IEEE |
| 11. | Dr. P. Satyanarayana | R Sumathi, Dr. M. Sunitha Rani, Arun M, K. N. V. Suresh Varma , Dr. V. Gokula Krishnan                        | 2025 IEEE 2nd International Conference on Information Technology, Electronics and  | Hybrid Swarm-Based Algorithm for Energy-Efficient Data Optimization in Wireless Sensor Networks                                   | Vemana Institute of Technology , Bengaluru  | 30th to 31st August 2025 |  |  | Scopus | IEEE |

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|     |                       |  | Intelligent Communicati<br>on Systems<br>(ICITEICS)   |   |   |                           |  |        |  |      |
| 12. | Dr. P. Satyanara yana | K. N. V. K. Rohitha, B. Lakshmi Aravind, D. Rajeswari, K. N. V. Suresh Varma , R. Ramprakash | Third International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2025) | Optimization-Driven Network Security in MANET Using an Improved Self-Adaptive Sailfish Algorithm (ISASA) for IoT Applications | JCT College of Engineering and Technology, Coimabto | 17-19, septemebr, 2025    |  | Scopus |  | IEEE |
| 13. | Dr. P. Satyanara yana | N. Siva Vennela, CH. Preethi, Arun M, N. V. Phani Sai Kumar, Dr. V. Gokula Krishnan          | Emerging Research in Electronics, Computer Science and Technology" ICERECT - 2025                         | AI-Driven Discovery of Money Laundering in Financial Transactions Using Ensemble Machine Learning Techniques                  | P. E. S. College of Engineering, Mandya, Karnataka  | 12th-13th, September 2025 |  | Scopus |  | IEEE |

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| 14. | V B K L<br>ARUNA                                      | K<br>Viswateja,D<br>Supriya,  | 2025<br>International<br>Conference<br>on<br>Computing<br>Technologies   | Enhanced<br>Feature<br>Selection<br>Technique Using<br>Machine<br>Learning<br>Algorithm for<br>Accurate Heart<br>Disease<br>Classification | Jyothi College of<br>Engineering,<br>Bengaluru       | 13-14, June<br>2025       | 979-8-<br>3315-2794-<br>5 | Scopus | <a href="#">10.1109/ICOC<br/>T64433.2025.1<br/>1118525</a>   | IEEE |
| 15. | Dr.A.Jhan<br>si Rani                                  | Lakshmi<br>Manasa<br>uppu, Ch<br>Raghavendra,<br>Madhuri<br>Gundu,<br>Somasekhar<br>Krishna | International<br>Conference<br>on<br>Communicati<br>on and<br>Electronics<br>Systems<br>(ICCES<br>2025)  | Implementation<br>of Microwave<br>Antenna Sensor<br>for Breast<br>Cancer<br>Detection  | PPG Institute of<br>Technology,<br>Coimbatore, India | 28-30,<br>October<br>2025 |                           | Scopus |  | IEEE |
| 16. | Dr<br>Venkata<br>Sainath<br>Gupta<br>Thadikem<br>alla | Kesa<br>Vardhan<br>Chinni, Rama<br>Srija<br>Karanam,<br>Narendra<br>Nagidi                  | IEEE<br>International<br>Conference<br>on Intelligent<br>Signal<br>Processing<br>and Effective<br>Communicati<br>on<br>Technologies<br>(INSPECT) | Accelerometer<br>& Camera Based<br>Wireless<br>Structural Health<br>Monitoring<br>System for<br>Bridges                                    | ABV-IIITM<br>Gwalior, India                          | 07-08<br>November<br>2025 | 979-8-<br>3315-5349-<br>4 | Scopus | <a href="#">10.1109/INSP<br/>ECT67393.202<br/>5.11350891</a> | IEEE |

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| 17. | Dr P Phani Kumar  | Dasari Naga Vinod, R. Asha & G. Kavitha              | Proceedings of the 7th International Conference on Communications and Cyber Physical Engineering (ICCCE 2024) | Future Effectual Aspects of Surveillance at LoC: A Systematic Analysis of Smart Sensors, IoT and Drones                           | Lecture Notes in Electrical Engineering ((LNEE, volume 1466))   | 19 November 2025   |                   | Scopus          | 10.1007/978-981-95-0269-1_29    | Springer |
| 18. | K.Sneha           | Naga vamsi thota, Aarthi kallepalli, Kiran babu kaki | International conference on modern sustainable systems(CMSS-2025)   | Design and development of a continuous passive motion(CPM) machine for post operative joint rehabilitation using embedded control | Proceedings of International conference on modern sustainable systems(CMSS-2025)  | 12-14 August, 2025 | 979-8-3315-6510-7 | Scopus and IEEE | 10.1109/CMSS66566.2025.11182338 | IEEE     |
| 19. | Dr.Ch.Raghavendra | Ch Mahendra Kumar,E Maneesh,N HEMANTH                | International conference on Electronics and Areospace Technology(icea 2025)                                   | Historical Review on the performance of Monopole Circularly Polarised Antenna for Sub6 GHz Applications.                          | International conference on Electronics and Areospace Technology(icea 2025)Proceedings, RVS Technical Campus, Coimbatore, India | 5-7 Nov 2025       |                   | Scopus and IEEE |                                 | IEEE     |

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| 20. | Dr.Ch.Raghavendra | S Manas Charan, P<br>syamalarao,K<br>Jishnu Teja                                | International conference on Interdisciplinary research in science and Engineering Technology(ICIRSET 2025) | DESIGN AND IMPLEMENTATION OF META-MATERIAL BASED ANTENNAS FOR WIRELESS COMMUNICATION APPLICATIONS         | PROCEEDINGS IN international conference on Interdisciplinary research in science and Engineering Technology(ICIRSET 2025),SHANKUTICHI ENGINEERING COLLEGE, MUMBAI | 1-2 NOV 2025        |                   | Scopus and IEEE |   | IEEE |
| 21. | Dr.Ch Raghavendra | Lakshmi Manasuppu,<br>Dr.A.Jhansi Rani,<br>Madhuri Gundu,<br>Somasekhar Krishna | International Conference on Communication and Electronics Systems (ICCES 2025)                             | Implementation of Microwave Antenna Sensor for Breast Cancer Detection                                    | PPG Institute of Technology, Coimbatore, India  | 28-30, October 2025 |                   | Scopus          |   | IEEE |
| 22. | G. Hema Kumar     | Bellamkonda Naga Lakshmi,<br>Solasuttu Bhavani,<br>Gangu Vasudeva Rao           | 6th International Conference on Data Intelligence and Cognitive Informatics ICDICI-2025                    | A Hybrid Residual CNN and Multi-Head Self-Attention Network for Denoising Muscle Artifacts in EEG Signals | SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India.   | : 9-11 July 2025    | 979-8-3315-0313-0 | Scopus and IEEE | <a href="https://doi.org/10.1109/ICDI66477.2025.11135334">10.1109/ICDI66477.2025.11135334</a> | IEEE |

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| 23. | G. Hema Kumar   | Thota Lakshmi Nandini, Kaki Chandini, Thota Krupa Sagar  | 6th International Conference on Data Intelligence and Cognitive Informatics ICDICI-2025       |   | SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India.                          | 9-11 July 2025        | 979-8-3315-0313-0                          | Scopus and IEEE | <a href="#">10.1109/ICDI CI66477.2025.11135108</a>  | IEEE |
| 24. | Y Sarada Devi   | <u>Anyam Chaitanya; K Venu Gopal; A Vijayasankar; Fahemullah Fathemullam; B Sarath Chandra</u> | <u>2025 IEEE International Conference on Contemporary Computing and Communications (InC4)</u> | Exploring ML for Stroke Prediction: Evaluation of XGBoost, KNN, and Naive Bayes with and without Data Leakage | Department of Computer Science and Engineering, CHRIST (Deemed to be University), Kengeri, Bangalore | March 14-15, 2025.    | 979-8-3315-2119-6                          | IEEE            | 10.1109/InC465408.2025.11256324                     | IEEE |
| 25. | Y Sarada Devi   | Sai Sarvani Koneti, Lekha Sri Vyshnavi Pedasingu, Amrutha Supriya Sanala                       | 6th International Conference on IoT Based Control Networks and Intelligent Systems            | ESP32 vased Smart Billing Trolley with Barcode Scanner, TFT Display, and WiFi OT A Updates                    | T. John Institute of Technology, Bengaluru, India  | Dec 15-17 2025        | 979-8-3315-1519-5                          | IEEE            | <a href="#">10.1109/ICIC NIS66685.2025.11315823</a> | IEEE |
| 26. | Dr. A Ravi Raja | T. Joseph Prajwal, M. Ravi Teja, B. Dhanush, Venkata Ratna Prabha K, M Bindu Priya             | 4th International Conference on Electronics and Renewable Systems                             | Lightweight Deep Learning Model for Thyroid Cancer Detection on Embedded Edge Devices                         | organized by St. Mother Theresa Engineering College, Thoothukudi, India                              | 11-13, February 2026. | CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY | IEEE and Scopus |   | IEEE |

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|     |                  |   | (ICEARS 2026)   |   |   |                       |                   |                 |   |      |
| 27. | Dr. A Ravi Raja  | K Meenakshi, K Priyanka, P Gnaneswararao, M Bindu Priya, Venkata Ratna Prabha K | 4th International Conference on Electronics and Renewable Systems (ICEARS 2026)   | Detection and Classification of Kidney Cancer Using CT Images with ResNet-50 and Deployment on Raspberry Pi | organized by St. Mother Theresa Engineering College, Thoothukudi, India | 11-13, February 2026. | Accepted          | IEEE and Scopus |   | IEEE |
| 28. | Siva Reddy Vanga | Thanniru Indhu, Dasari Sai Sundar, Kolluri Sireesha                             | 12th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) | Sunstroke Detection and Alert System for Farmers  | Noida NCR, India  | 18-19 September 2025  | 979-8-3315-5422-4 | IEEE and Scopus | <a href="https://doi.org/10.1109/ICRITO66076.2025.1241454">https://doi.org/10.1109/ICRITO66076.2025.1241454</a> | IEEE |

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| 29. | Dr.V.Saritha       | Gowri Sri Sannihitha Vaddi,Divya Sai Vittamsetti,Sindhura Ravuri | 2025 IEEE Wireless Antenna and Microwave Symposium (WAMS)  | A Review of Wideband Antenna Technologies for UAV Communication Systems  | IIIT Kancheepuram , Chennai  | June 5 - 8, 2025     | 979-8-3315-2555-2       | IEEE and Scopus | 10.1109/WAM S64402.2025.11158280    |      |
| 30. | G Venkatasubbaiiah | Patamsetti Sai BhargavPatamsetty Naga Sai, Undi Anuspananda ,    | 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN) | Design and Development of an IoT-Based Smart Aquarium Water Temperature Control System with Automatic and Mobile Application-Based Manual Regulation | Hindusthan Institute of Technology, Coimbatore, Tamil Nadu, India. | 24-26, November 2025 | ISBN: 979-8-3315-8242-5 | IEEE and Scopus | 10.1109/ICEC MSN68058.2025.11383075 | IEEE |
| 31. | G Venkatasubbaiiah | Gujjula Vennela, G Naga lakshmi,Narayanam Mythreya               | ICPEST-2025 Conference CBIT  | Foot Step Power Generation using Piezo electric Sensors for Mobile Charging  | CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY . HYDERABAD             | 12=13 December 2025  | Accepted                | IEEE and Scopus |                                     | IEEE |

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| 32. | J<br>Sruvanthi | Santosh<br>Routu, Sai<br>chandu,<br>Praveen, Mad<br>havan  | 3rd ICMM  | Structural<br>analysis and<br>material<br>characteristics of<br>bismuth selenide<br>for<br>nanoelectronics<br>Available to<br>Purchase                               | Geetanjali<br>Engineering<br>College,<br>Hyderabad | 19 -21<br>December<br>2024 | 3361,<br>030063-1–<br>030063-9 | AIP and<br>Scopus | 10.1063/5.029<br>9011   | AIP  |
| 33. | J<br>Sruvanthi | Santosh<br>Routu, Sai<br>charan , Bala<br>Raju,<br>Sandeep   | 3rd ICMM  | Structural<br>analysis and<br>material<br>characteristics of<br>bismuth sulfide<br>Bi <sub>2</sub> S <sub>3</sub> for<br>nanoelectronics<br>Available to<br>Purchase |  | 19 -21<br>December<br>2024 | 3361,<br>030062-1–<br>030062-8 | AIP and<br>Scopus | 10.1063/5.029<br>8643   | AIP  |
| 34. | J<br>Sruvanthi | Shaik Fareed<br>Basha, Ravi<br>teja, Bhagya<br>sri   | 5th<br>international<br>conference<br>on Artificial<br>intelligence<br>and Signal<br>processing<br>AISP   | Design and<br>Analysis of<br>Near-Threshold<br>6T SRAM Cell<br>for Low Power<br>Applications   | VIT-AP   | 22-24<br>November<br>2025  | Presented                      |                   |   |      |
| 35. | B.<br>Alekhya  | <u>N Revathi</u><br><u>Priya;</u> <u>B</u><br><u>Tapaswi</u><br><u>Nagarjuna;</u><br><u>Sai Krishna</u><br><u>Kaushik</u><br><u>Naganhyru;</u><br><u>Sai Venkata</u><br><u>Tejaswini</u> | <u>2025 6th</u><br><u>International</u><br><u>Conference</u><br><u>on</u><br><u>Electronics</u><br><u>and</u><br><u>Sustainable</u><br><u>Communication</u><br><u>Systems</u> | Design and<br>Analysis of an<br>8.77 GHz<br>Antenna for<br>Weather Radar<br>and Satellite<br>Communications  | Coimbatore, India,                                 | 10-12<br>September<br>2025 |                                | Scopus            | <a href="https://ieeexplore.ieee.org/document/11212533">https://ieeexplore.ieee.org/document/11212533</a> | IEEE |

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|     |                            | <u>Kunapareddy ; Sravanthi Yadlapalli</u>                                     | (ICESC)   |  |   |                      |                   |        |   |      |
| 36. | B. Alekhya                 | High Efficient Reflectionless Filter Design for 5G Applications               | <u>2025 6th International Conference on Electronics and Sustainable Communication Systems (ICESC)</u> |  | Coimbatore, India,  | 10-12 September 2025 | 979-8-3315-5503-0 | Scopus | <a href="https://ieeexplore.ieee.org/document/11212533">https://ieeexplore.ieee.org/document/11212533</a> | IEEE |
| 37. | <u>Dr.SK</u> Khaleelah med | Anusuri Vyshnavi , Kandula Yaswanth, Kornu Yesaswini, Akasapu Hemanth Sai Ram | 2nd International Conference on Electronic and Photonic Integrated Circuits (EPIC-2025)               | YOLOv8-MobileNet: A Pruned and Quantized CNN Accelerator for Energy-Efficient Object Detection on PYNQ-Z2 FPGA | SRM University, Andhra Pradesh                            | 06-08, November 2025 |                   | Scopus |   |      |
| 38. | Siva Naga Malleswari N     | Ipili Mouneshha, Kondaveti.Rohini   | 2025 IEEE International Conference for Women in Innovation, Technology &                              | Deep Learning-Based Classification Framework for Detection of Insomnia Sleep Disorder                          | BGS College of Engineering & Technology, Bangalore, India | 26-27 September 2025 |                   | IEEE   | 10.1109/ICWITE64848.2025.11306985   | IEEE |

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|     |                        |   | Entrepreneurship (ICWITE)  |  |   |                     |                   |           |   |      |
| 39. | Siva Naga Malleswari N | B L Lavanya, T Prasanthi Devi, P Harshitha                    | 2025 IEMECON 13th international conference on intelligent embedded, microelectronics, communication and optical networks | Design and implementation of low area FIR Filter using Partial Product Base methodology                            | UEM, Jaipur, Rajasthan, India   | 08-10 DECEMBER 2025 |                   | Presented |   | IEEE |
| 40. | Dr. K. Shri Ramtej     | Banudevapuram Sai Spandana, Jupudi Keerthana, Rajitha Tangudu | 2025 Second International Conference on Networks and Soft Computing (ICNSoC)   | Explainable AI for Obstructive Sleep Apnea Detection Using ECG-Derived Spectrogram and Interpretable Deep Learning | Vignana's Foundation for Science, Technology & Research, Vadlamudi, Guntur, pp. 37-42 | 12-14 June 2025     | 979-8-3315-3844-6 | Scopus    | <a href="https://doi.org/10.1109/ICNSoC66817.2025.00020">10.1109/ICNSoC66817.2025.00020</a> | IEEE |

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| 41. | K. Premchand | B. Varshitha;;B. Satya Praveen Kumar;J. Arun Kumar | <u>2025 IEEE 4th International Conference for Advancement in Technology (ICONAT)</u>             | <u>Compact Flexible MIMO Antenna with Enhanced Isolation for UWB and Biomedical Applications</u>               | <u>2025 IEEE 4th International Conference for Advancement in Technology (ICONAT)</u>             | 19-21 September 2025 | 979-8-3315-9573-9 | Scopus | <u>10.1109/ICONAT66879.2025.11362451</u> | IEEE |
| 42. | K. Premchand | K. Maheswari;K. Varun;D. Jaswanth Sai              | <u>2025 International Conference on Computing Technologies &amp; Data Communication (ICCTDC)</u> | <u>Miniaturized Circular Patch MIMO Antenna with a Defected Ground Structure for Localization Systems</u>      | <u>2025 International Conference on Computing Technologies &amp; Data Communication (ICCTDC)</u> | 04-05 July 2025      | 979-8-3315-2798-3 | Scopus | <u>10.1109/ICCTDC64446.2025.11158931</u> | IEEE |
| 43. | K. Premchand | Y. Rambabu; M. Chetana; M. Sowmya                  | <u>2025 International Conference on Computing Technologies &amp; Data Communication (ICCTDC)</u> | <u>Design and Analysis of Triangular-Slotted MIMO Antenna with DGS for Wireless Communication Applications</u> | <u>2025 International Conference on Computing Technologies &amp; Data Communication (ICCTDC)</u> | 04-05 July 2025      | 979-8-3315-2798-3 | Scopus | <u>10.1109/ICCTDC64446.2025.11158761</u> | IEEE |

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| 44. | Dr. A. Jhansi Rani | 1. Lakshmi Anushka Vemula, Rahul Varma Repuri, Bindu Priya Naragani                        | Research Conclave 2026   | Prediction of Performance Metrics for Rectangular and Circular Microstrip Patch Antennas Using Supervised Machine Learning            | organized by the Research & Development Cell, Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada, Andhra Pradesh      | 23–24 January 2026   |  |  |  |  |
| 45. | Dr. A. Jhansi Rani | 2. G Sai Karthik, G Siva Parvathi, G Likitha sri   | Research Conclave 2026   | Design of a Slot-Engineered Compact Wideband Self-Isolated Multiple Input Multiple Output Antenna for 5G Millimeter-Wave Applications | organized by the Research & Development Cell, Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada, Andhra Pradesh      | 23–24 January 2026   |  |  |  |  |
| 46. | Dr. A. Jhansi Rani | 4. Nelapati kowshika, A Jhansi Rani, Ch Raghavendra, Thalupula Indrani, Veeravalli Revathi | International Conference on Intelligent Electronics and Communication Systems – 2025 (ICIECS-2025) | Probe fed wideband implantable antenna for biomedical applications  | The Institution of Electronics and Telecommunication Engineers (IETE), Vijayawada Centre, PVP Siddhartha Engineering College, Vijayawada, India | 26- 27 December 2024 |  |  |  |  |

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| 47. | Dr. Chiranjit Ghosh | Atla Pooja; Shaik Sajith Basha; Korikana Ranjith Kumar | 13th International Conference on Intelligent Embedded, MicroElectronics, Communication and Optical Networks (IEMECON)  | Highly Sensitive Transmission-Mode Fiber Bragg Grating Interrogation Technique Based on Wavelength-to-Power Mapping | 2025 13th International Conference on Intelligent Embedded, MicroElectronics, Communication and Optical Networks (IEMECON), Jaipur, India, 2025 | 08-10 December 2025  |                   | Scopus | 10.1109/IEMECON69302.2025.11365892.       | IEEE |
| 48. | Dr. K. Shri Ramtej  | Gurrala Reshma; Pedada Sai Kumar; Shodagiri Divya      | 2025 International Conference on Electronics and Computing, Communication Networking Automation Technologies (ICEC2NT) | Optimized CNN-Based Sound Event Classification via Bayesian Hyperparameter Search                                   | DY Patil College of Engineering, Pune.  | 03-04 September 2025 | 979-8-3315-2345-9 | Scopus | <u>10.1109/ICEC2NT65402.2025.11380082</u> | IEEE |
| 49. | Dr. Pratikha Raut   | Durga Bhavani, Varshita Yaramala, Poojitha Yanamreddy  | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India,          | Efficient data width conversion with AXI4 Stream Downsizer using Verilog  | VIT AP University   | 22-24 November 2025  | 2640-5768         | Scopus | <u>10.1109/AISP68263.2025.11396256</u>    | IEEE |

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| 50. | Dr.Pratikha Raut | N. Mounika,<br>P. Durga Prasad, V Lokesh Naik           | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India, | Self-Driving Trolley for Human Following Using GPS  | VIT AP University | 22-24 November 2025 | 2640-5768 | Scopus | <a href="#">10.1109/AISP68263.2025.11396243</a> | IEEE |
| 51. | Dr.Pratikha Raut | N. Mounika,<br>P. Durga Prasad, V Lokesh Naik           | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India, | Error Estimation of Organic Thin Film Transistor for Advanced Gas Detection Using Comsol Multiphysics | VIT AP University | 22-24 November 2025 | 2640-5768 | Scopus | <a href="#">10.1109/AISP68263.2025.11396160</a> | IEEE |
| 52. | Dr.Pratikha Raut | Bollineni Swathi,<br>Pemmadi Manoj, Jakka Tejaswini Sai | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India, | .Design and Implementation of a Battery-Powered Smart Grass Cutter with Obstacle Detection            | VIT AP University | 22-24 November 2025 | 2640-5768 | Scopus | <a href="#">10.1109/AISP68263.2025.11396117</a> | IEEE |

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| 53. | Dr.Pratikha Raut   | Bollineni Swathi, Pemmadi Manoj, Jakka Tejaswini Sai | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India,   | Transformer-Based Approach for Disaster Tweet Classification       | VIT AP University                           | 22-24 November 2025 | 2640-5768         | Scopus | <a href="https://doi.org/10.1109/AISP68263.2025.11396324">10.1109/AISP68263.2025.11396324</a> | IEEE |
| 54. | Dr Sk Fayaz Ahamed | Dr P Phani Kumar                                     | Proceedings of the 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN-2025) IEEE Xplore Part Number: CFP254AH-ART; | WSN-Based Earthquake Disaster Prediction using Deep Learning Model | Hindusthan Institute of Technology (HITECH) | 24-26 November 2026 | 979-8-3315-8242-5 | Scopus | 10.1109/ICOS-EC67334.2025.11459712  | IEEE |
| 55. | Dr M Bindu Priya   | Dr B L Sirisha                                       | 2026 6th International Conference on Expert Clouds and Applications (ICOECA)  | Diabetic Retinopathy Classification using Deep Learning Technique  | RV College of Engineering, Bengaluru        | 09-11 March 2026    |                   | Scopus |   | IEEE |

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| 56. | Dr M Bindu Priya    | Golla Sai Pramodh, Nimmala Meher Rishi, Vanguru John Priyatham | 2026 5th International Conference on Sentiment Analysis and Deep Learning (ICSADL)        | An IoT based System for Comprehensive Patient Medication Monitoring  | Mid-West University Birendranagar, Nepal.   | 18-20 Feb 2026      | XPLORE COMPLIANT ISBN: 979-8-3315-6883-2, DVD ISBN: 979-8-3315-6882-5 | Scopus |   | IEEE |
| 57. | Dr M Bindu Priya    | Nagisetty Keerthana, Shaik Yasin, Vadrevu Sai Suchitha         | 2026 International Conference on Machine Learning and Autonomous Systems (ICMLAS)         | Fuzzy Logic-Based Age Estimation from Dental X-Ray Images  | Stamford International University, Thailand | 11-13, March 2026   | XPLORE COMPLIANT ISBN: 979-8-3315-7457-4, DVD ISBN: 979-8-3315-7456-7 | Scopus |   | IEEE |
| 58. | G. Venkatasubbaiyah | Patamsetti Sai BhargavPatamsetti Naga Sai, Undi Anuspandana    | International Conference on Next Generation Electronics (NELEX2025)                       | A Hybrid Deep Learning-Based Framework for Robust Detection of AI-Generated and Manually Manipulated Facial Images | Bangkok, Thailand                           |                     | Accepted  | Scopus | 10.1109/IEMECON69302.2025.11365892              | IEEE |
| 59. | L.Sarala            | Mohammad Afreen,Parisa Bhavya Sree,Chanumolu Dhanvanth         | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP) | Human Activity Recognition Using Conv-LSTM   | VIT-AP                                      | 22-24 November 2025 | Presented   | Scopus | <a href="#">10.1109/AISP68263.2025.11396304</a> | IEEE |

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| 60. | Dr S Teena Mrudula | Rakesh Bhavanasi ,Shaik Sai Sathik , Bhargav Alla               | 2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India, |   |   |  |                   |        |   |      |
| 61. | Dr Iqram Haider    | M sree Akhil, M Asif Shaik, Kota Kalyan                         | 2026 Springer Research Conclave, Vijayawada, India.   |   |   | XPLORE COMPLIANT ISBN: 979-8-3315-7457-4 |                   |        |   |      |
| 62. | Dr. K. Shri Ramtej | Kalluri S V L Ram Prasad; Mutnuri Pavani; Ch Nagesh Krishna Sai | 2025 2nd Asian Conference on Intelligent Technologies (ACOIT)   | Machine Learning-Based Early Detection of Urinary Tract Infections from Urinalysis Data | Dr. T. Thimmaiah Institute of Technology, Kolar | 10-11 October 2025                       | 979-8-3315-3660-2 | Scopus | <a href="https://doi.org/10.1109/ACOI-T66109.2025.1436637">10.1109/ACOI-T66109.2025.1436637</a> | IEEE |
| 63. | K.Sneha            | Pallavi P, Sai prakash.G, Durga sai nikhil.G                    | International Conference on Intelligent Electronics and Communication Systems (ICIECS)-2025                   | Health care monitoring system   | PVPSIT, Vijayawada                              | 27 December, 2025                        | 978-81-981949-4-7 | Scopus |   | IETE |

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|-----|------------------------|------------------------|---|--|--|--------------------------------|---------------------------|----|--|------|
| 64. | Dr K B S<br>Sri Nagini | NA (Not<br>Applicable) | IEEE SPACE<br>2025  | NA   | Special Session :<br>Young Faculty<br>Laureate Program   | 22-23 July<br>2025             | NA                        | NA | NA   | NA   |
| 65. | Dr K B S<br>Sri Nagini | V Jaya<br>Prakash      | 2025 IEEE<br>Microwaves,<br>Antennas,<br>and<br>Propagation<br>Conference<br>(MAPCON)   | Ultra Compact<br>Highly Sensitive<br>Self-Diplexing<br>HMSIW Sensor<br>for Solid<br>Materials<br>Detection   | Lulu International<br>Convention<br>Centre, Grand<br>Hyatt Bolgatty,<br>Kochi, Kerala,<br>India. | December<br>14–18,<br>2025     | 979-8-<br>3315-3722-<br>7 |    | <a href="#">10.1109/MAP<br/>CON65020.20<br/>25.11426439</a>  | IEEE |
| 66. | Dr K B S<br>Sri Nagini | Bappaditya<br>Roy      | 2025 IEEE<br>Microwaves,<br>Antennas,<br>and<br>Propagation<br>Conference<br>(MAPCON)   | Tunable<br>Terahertz<br>Antenna Using<br>Silicon-Based<br>Reconfiguration<br>for Biomedical<br>Applications  | Lulu International<br>Convention<br>Centre, Grand<br>Hyatt Bolgatty,<br>Kochi, Kerala,<br>India. | December<br>14–18,<br>2025     | 979-8-<br>3315-3722-<br>7 |    | <a href="#">10.1109/MAP<br/>CON65020.20<br/>25.11426439</a>  | IEEE |
| 67. | Dr K B S<br>Sri Nagini | Bappaditya<br>Roy      | 2025 IEEE<br>International<br>Conference<br>on Electrical,<br>Electronics,<br>Communicati<br>on and<br>Computers<br>(ELEXCOM) | A Highly<br>Miniaturized and<br>High Gain<br>Triple-Band<br>SIW Antenna<br>with Octagonal<br>Split Ring<br>Resonator-<br>Shaped Slots for<br>Sub-6 GHz<br>Applications | Indian Institute of<br>Technology<br>Dhanbad   | December<br>20 to 22,<br>2025. | 979-8-<br>3315-9078-<br>9 |    | <a href="#">10.1109/ELEX<br/>COM67950.20<br/>25.11451346</a> | IEEE |

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|-----|---------------------|--|--|--|--|------------------------|--|--------|----------------------------------|----------|
| 68. | Dr CH Naga Raghuram | Sankush Krishna Maheshuni, Anil Kumar Naik, Aaryan       | 2025 5th IEEE International Conference on Applied Electromagnetics, Signal Processing, & Communication (AESPC) | Chlorine Gas Detection Using Armchair ZnO Nanoribbons  | Kalinga Institution of Industrial Technology (KIIT), BHUBANESWAR             | December 11 to 12 2025 |  | Scopus | 10.1109/AESP C67542.2025.1326864 | IEEE     |
| 69. | Dr.P.Sarah Suhasini | D Jagannath Venkata Sri Datta, Allu Varun, Shaik Irfan   | Research Conclave 2026   | Deep Learning Based Elderly Fall Detection System  | Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada | 23–24 January 2026     |  |        |                                  |          |
| 70. | Dr.P.Sarah Suhasini | Chandana Jasti, Hansika Sirigudi, Sivalasya Jonnalagadda | 2nd International Conference on Emerging Technologies and Computing Innovations (ICETCI 2026)                  | Land Cover Classification with Hyperspectral Remote Sensing Image using 2D - 3D CNN Hybrid Model | MG Aricent Educational Foundation, Nashik                                    | March 21 to 22 , 2026  |  |        |                                  | Springer |

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| 71. | V B K L<br>ARUNA | B SAIRAM,<br>Avula<br>Venkata<br>Thanvi,<br>Bobbala<br>Vishnu<br>Vardhan<br>Reddy | 14th<br>International<br>Conference<br>on System<br>Modeling &<br>Advancement<br>in Research<br>Trends, 14th<br>– 15th,<br>November,<br>2025 College<br>of<br>Computing<br>Sciences &<br>Information<br>Technology,<br>Teerthanker<br>Mahaveer<br>University,<br>Moradabad,<br>India | Strategic<br>Reduction of<br>Area and Power<br>in FIR Filter<br>Architecture for<br>ECG Signal<br>Acquisition | 14th International<br>Conference on<br>System Modeling<br>& Advancement<br>in Research<br>Trends (SMART) | november<br>14-15 2025 |  | Scopus | <a href="#"><u>10.1109/SMA<br/>RT66937.2025<br/>.11389312</u></a> |
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Book Chapters

| S.No. | Name of Faculty   | Name of Co-Author                                 | Title of Book Chapter/ Lecture series   | Title of paper   | Date & Year  | Indexing | Vol Number/ISBN number  | Name of publisher |
|-------|-------------------|---|---|--|--------------|----------|---|-------------------|
| 1     | B. Alekhya        | K varaprasad, K.Vasubabu, Neelaveni Ammal murugan | Millimeter Wave and Terahertz Devices for 5G and 6G systems,Part of the book series: Signals and Communication Technology ((SCT)) | Band Switching Reconfigurable Antenna for Wireless 5G Applications                                       | 10 July 2025 | scopus   | <a href="https://doi.org/10.1007/978-3-031-78802-4_22">https://doi.org/10.1007/978-3-031-78802-4_22</a> | springer          |
| 2     | Dr.Ch Raghavendra | D krishna raju, Plokes                            | OPTIMIZATION TECHNIQUES IN WIRELESS Communication   | Design AND IMPLEMENTATION OF Hybrid METASURFACE BASED CP ANTENNA FOR SUB 6ghz Communication APPLICATIONS | Dec 2025     | Scopus   |   | BETHEM SCIENCE    |