



**International Multi-Conference
On
“Advances in Information Technology, Communication and Energy Systems”
(AITCES-2024)**

**DAY 1: Tuesday, January 23, 2024
Session 01**

| TRACK 2: High Speed Networks | | | | Venue: Room No. C-302 |
|--|----------------|-----------------|--|--|
| THEME : Sensor and Communication Technologies | | | | |
| Sl. No. | Timings | Paper ID | Title | Authors |
| 1 | 3.30-3.45 PM | 46 | Ultrawideband Elliptical Patch Antenna for Wearable applications | Shashi Kumar D; Sellakkutti Suganthi, CHRIST (Deemed to be University), Bangalore |
| 2 | 3.45-4.00 PM | 199 | DCTGA-A new evolutionary approach to enhance the WSN performance. | Lakshmi Bhaskar, B N M Institute of Technology ; Yamuna Devi C R |
| 3 | 4.00-4.15 PM | 186 | SVM based Classification of Schizophrenia using EEG signal complexity during Conventional and Cognitive Activity | Thilakavathi B ; Shenbaga Devi S ; Malaiappan M ; Kannan P.P ; Bhanu K, Rajalakshmi Engineering College, Chennai |
| 4 | 4.15-4.30 PM | 192 | Comparison of UV, X-RAY induced luminescence of CDTE,CDTE/ZnS core/shell Quantum Dots | Kalpana Ramakrishnan ; Thilakavath B ; Ramachandran R, Rajalakshmi Engineering College, Chennai |
| 5 | 4.30-4.45 PM | 64 | Design of Wearable Antennas and Optimization Analysis using Artificial Neural Networks | Shanthi P, RV College of Engineering, Jambunath Baligar, Chaman Jayaram, Chinmay M Raju |
| 6 | 4.45-5.00 PM | 86 | Fire Fighting Robot Using Bluetooth | Kabilan D, Aditya Pawaskar, Abhishek M B, Santhosh B, Vibha T G and Bindu H M, Dayananda Sagar College of Engineering |



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On
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DAY 2: Wednesday, January 24, 2024
Session 01

| TRACK 2: High Speed Networks | | | | Venue: Room No. C-302 |
|---|-----------------|-----------------|---|---|
| THEME : Advanced Electronics Systems | | | | |
| Sl. No. | Timings | Paper ID | Title | Authors |
| 1 | 9.00-9.15 AM | 190 | Selective Flooding-based Multipath Routing using Multiparameter-ACO for Underwater Sensor Networks | Shilpa Chaudhari ; Vardan Narula, MSRIT |
| 2 | 9.15-9.30 AM | 201 | Multilevel Functional Link Artificial Neural Network Equalizer for 16-QAM | Tanupriya Pani ; M. Sathish Kumar, Maipal Institute of Technology, Manipal Academy of Higher Education |
| 3 | 9.30-9.45 AM | 136 | Development of Vertical Gallium Arsenide(GaAs) Channel HEMT for Power Applications in IC Technology | Manjunath TC ; Pavithra G, Dayananda Sagar College of Engg., Bangalore |
| 4 | 9.45-10.00 AM | 76 | Performance analysis of Channel Estimation for V2V Communication using Deep Learning Algorithm | Puneeth G Koushik ; Rohan Hunakuppi ; Sumith J Rawal ; Saraswathi K, R V COLLEGE OF ENGINEERING |
| 5 | 10.00 -10.15 AM | 152 | Data Delivery Modes for FPGA Based Smart Network Router | Sumana Achar ; Jayadevappa Devappa, JSSATE, BENGALURU |
| 6 | 10.15 -10.30 AM | 40 | Compressed Sensing based approach for sparse signal reconstruction and user activity detection | Shruthi Nanjappa, K. Ramesha Bangalore Institute of Technology |
| 7 | 10.30 -10.45 AM | 97 | Implementation of Secure Communication System using Highly Non-Linear Sequences | Mahalinga V. Mandi, Dr. Ambedkar Institute of Technology, Bengaluru |
| 8 | 10.45-11.00 AM | 88 | Design and implementation of FPGA based Improved Hamming Code(IHC) | Swamy T N, H S Nagarathna, Dr Ambedkar Institute of Technology Bengaluru |
| 9 | 11.00 -11.15 AM | 101 | Enhancing Channel Equalization through a Hybrid Approach Using Emperor Penguin Optimization Technique | Shwetha N , Kesthara V, Sangeetha N Sajida Thabassum, Triveni, Dr AIT |



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Outer Ring Road, Malathahalli, Bengaluru-560056, Karnataka, India

International Multi-Conference

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DAY 2: Wednesday, January 24, 2024

Session 02

| TRACK 2: High Speed Networks | | | | Venue: Room No. C-302 |
|---|----------------|-----------------|---|--|
| THEME : Network Security and Cloud Computing | | | | |
| Sl. No. | Timings | Paper ID | Title | Authors |
| 1 | 12.00-12.15PM | 231 | Computational Intelligence-based FIR Filter design using Hybrid Mutation strategy in Dynamic DE | Siyasha Singh, Vellore Institute of Technology , Vellore |
| 2 | 12.15-12.30PM | 159 | LiDAR Based Self Driving Car | Sagar S; Pragathi N S; Rakshith Kumar M ; Inchara M ; Divyashree B P, JSS Science and Technology University, Mysuru |
| 3 | 12.30-12.45PM | 160 | The Design and ASIC flow Implementation of Advanced Peripheral Bus Protocol using EDA Tools | Manu K ; Dhanush R Upadhya; Lakshmi Bhaskar, B N M INSTITUTE OF TECHNOLOGY |
| 4 | 12.45-01.00PM | 163 | Verification Environment of First Come First Serve Arbiter | Sowmya K B, Sowmya K B, Soumya N Aihole, Sanjana K, Nithya G, Nikita Kulkarni RV COLLEGE OF ENGINEERING BENGALURU |
| 5 | 01.00-01.15PM | 166 | LE-Net: A deep Learning Based Multimodal Biometric Authentication system by using Lip and ECG data | Latha Krishna moorthy, Sri Siddhartha Institute of Technology, Tumkuru |
| 6 | 01.15-01.30PM | 243 | Reliable and Energy Efficient Virtual Network Function Optimization for Scientific Workflow under Edge-Cloud Platform | Uma K M, Shailendra Shukla, Dr AIT |
| 7 | 01.30-01.45PM | 197 | Improving Beamforming Robustness with Combined LMS and SMI Techniques | Umesh B N, Dr. AIT |
| 8 | 01.45-02.00PM | 222 | Decentralized Application for Educational Records | Somya Mittal, Akash Anand, Shubham Raj, Sahana B, RV College of Engineering, Bangalore |

