**INDEX**

**GROUP : ELECTRONICS ENGINEERING**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Title of Paper and Authors** | **Page No.** |
| ETRX-01 | COMPARATIVE STUDIES OF LMS AND NLMS ALGORITHM FOR ADAPTIVE BEAMFORMING SYSTEM  Nidhi Rajput, Prajakta Jagtap, Apoorva Bokde  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-02 | MEDICINE SOLUBILITY TESTING MACHINE  Vinita Vazirani, Pranjal Metange, Varsha Lanjewar  Sent Vincent Palotti College of Engineeering, Nagpur |  |
| ETRX-03 | SOLAR 3D PRINTER  Puja Sain, Mayuri Bakde  Sent Vincent Palotti College of Engineeering, Nagpur |  |
| ETRX-04 | DESIGN OF HIGH SPEED MULTIPLIER USING VEDIC MATHEMATICS  Gopal R. Punvantwar, Parag H. Raut, Manish S. Gakhare, Prasad M. Gautre, Shubham B. Nagrale, Praphul P. Khekare  Priyadarshini College of Engineering, Nagpur |  |
| ETRX-05 | AUTOMATIC TRAFFIC RED LIGHT DETECTION SYSTEM  Roshani Dekate, Ankit Chauhan, Nikhil Sakhare, Sushma Raut  T.G.P.C.E.T. Nagpur |  |
| ETRX-06 | ACCIDENT LOCATER AND SERVICE PROVIDER USING ARM7 AND GPS, GSM MODULE.  Poonam Bhajipale, Rinku Tidke, Mangesh Jambhulkar, Aditya Banpurkar, V.N.Mahawadiwar  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-07 | WIRELESS COMMUNICATION  Shweta Telmasre, Snehal Dange, Ragini Deshpande  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-08 | ENCRYPTION AND DECRYPTION OF IMAGE  Megha Motghare, Radha Gaikwad, Chitragandha Mohadikar  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-09 | LI-FI TECHNOLOGYSneha Ramteke, Trushi Nandgavli Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-10 | AUTOMATIC SCHEDULER FOR FARMER  Prajwal Shinde , Sumeet Nikhare, J S Gawai  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-11 | SAFETY GUARD FOR BLIND USING GPS LOCATION TECHNIQUE  Sanjivani Alone, Deeksha Bhagdikar, J. S. Gawai  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-12 | LI-FI TECHNOLOGY – A VISIBLE LIGHT COMMUNICATION  Surabhi O. Laghwe, U.C.O.E. Umrer, Ankita A. Jaiswal, K.D.K.C.E. Nagpur Nelam R.Mourya, K.D.K.C.E. Nagpur |  |
| ETRX-13 | OVERVIEW OF NETWORK MODELS BASED ON PROTOCOL LAYERING  Sukanya K. Kamdi, Nikhil Gourkhede, Nilesh Parate,  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-14 | DESIGN OF HIGH SPEED MULTIPLIER USING VEDIC MATHEMATICS  Surabhi Choudhary, Tejasvini Bhaware, Kalyani Dhawas  Priyadarshini College of Engineering, Nagpur |  |
| ETRX-15 | NETWORK TOPOLOGY  Khangesh Matte, Sonalkumar singh, Ketan Jaiswal  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-16 | SMART VEHICLE WITH ALCOHOL AND POLLUTION DETECTION SYSTEM  Ketan Jaiswal, Chetan Kasorde, Rohit Deshbhratar, Vishal Regundwar  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-17 | TEXT-TO-VOICE CONVERTOR  Akshay Gahukar, Snehal Balge, Ketan Harde, Snehal Kalambe, V. V. Chakole  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-18 | INDUSTRIAL IVRS  Ankita Kamdi, Akanksha Khaire, Sneha Rakesh, Ratnadip Ingle, V. N. Mahawadiwar  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-19 | A REVIEW ON ERROR CONTROL CAPABILITIES USING ORTHOGONAL CODE CONVOLUTION  Kumudini Thote, T.G.P.C.E.T. Nagpur |  |
| ETRX-20 | INFRARED PLASTIC SOLAR CELL  Shubham Pramod Bhute,  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |
| ETRX-21 | BLUETOOTH REMOTE HOME AUTOMATION SYSTEM USING ANDROID APPLICATION  Naina Meshram, Sanjana Sahu, Shubham Patil, Anjali Thool  Department of Electronics Engineering, K. D. K. College of Engineering, Nagpur - 440009 |  |