

Guru Nanak Dev Engineering College

Mailoor Road, Bidar-585403, Karnataka, India

National Conference on Advances in Electronics, Computing and Communication Technology

(11-12, August 2020)

Conference Schedule

Day 1 Tuesday, 11 August 2020	
Inauguration	Time 10:30AM-10.45AM
Keynotes Address By: Dr. Kim Ho Yeap, UTAR, Malaysia	Time 10:45AM - 11.45AM
TECHNICAL SESSIONS	
SESSION 1 Time: 12:00PM - 1.15PM	
Session Chair: Dr. Mandeep Singh <i>INSA Visiting Scientist, Dept. of ECE, Indian Institute of Science (IISc) Bangalore.</i>	
1. Design and Simulation of a Microstrip Antenna for Ultra-Wideband (UWB) Application. <i>Koon Chun Lai, Eugene Yi Sheng Loh, Kim Ho Yeap, Veerendra Dakulagi and Peh Chiong The)</i>	6. A Review of Meta-Materials: Classification, Types and Its Applications <i>Pandurang S.Valate and Mahesh S. Mathpati</i>
2. A Modified Root-MUSIC Algorithm for the Direction-of-Arrival Estimation <i>Jasmineet Kaur, Veerendra and Kim Ho Yeap</i>	7. Simulation and Fabrication of DGS Rectangular Microstrip Patch Antenna <i>Mahesh S Mathpati, Md.Bakhar, Veerendra D, and Amar B. Kachare</i>
3. Design of USB Protection System for Physical Devices. <i>Poornima and Kishan Singh</i>	8. Design of low cost IOT-embedded system in cyber security <i>Anuradha M S and Khan Fareesa Zaman Khatoon.</i>
4. Bandwidth Enhancement of E-shaped Suspended Micro Strip Patch Antenna by Using Capacitive Feed Technique for Wireless Applications <i>Anil K. Rathod, Dr. Md. Bakhar, Dr. S. R. chougule</i>	9. Automation of Smart Garbage Management System Using IoT to Support "Swachh Bharath Abhiyan" - A Practical Approach <i>Dayanand J, Someshwar, Veeresh, Vineeta, Syeda Neha Banu</i>
5. Design and Analysis of 2x1 and 4x1 Rectangular Microstrip Patch Array Antenna for 5G C-Band Access Point Applications <i>Gurudev and Dr. Md. Bakhar</i>	10. Performance Analysis of MSDU and MPDU Frame Aggregation Mechanism in Wireless Local Area Networks <i>Rakesh Marturkar</i>
LUNCH BREAK: 1.15PM - 2.00PM	
SESSION 2: Time 2PM - 4.30PM	
Session Chair: Dr. Ratneshwar Kumar Ratnesh <i>Delhi Technological University, Delhi.</i>	
1. Investigation on Rectangular Ring DGS for Multi-Band Wireless Applications <i>Prashanth.K.V Pradeep M. Hadalgi, P.V.Hunagund</i>	5. Study of Multiple Slot loaded Multiband Microstrip Antenna <i>Ambresh P.A and Sujata S.K</i>
2. Categorizing Brain Tumor in MRI Using Digital Image Processing <i>Vikramathithan.A.C, Sampritha Hegde.K.S, Syed Yunus Bilal et.al.</i>	6. Open Stubs Loaded Rectangular Microstrip Antenna <i>Bashetty Pallavi, Basavaliga Swamy, and Sadhana C</i>
3. Design and Analysis of Microstrip Patch Antenna for WLAN & WiMax Applications Using Parametric Analysis <i>Nagnath Biradar, Kishan Singh Chandra.</i>	7. Efficient Handover in 3GPP LTE and LTEA Systems <i>Pallavi Biradar, Dr. Mohammed Bakhar</i>
4. Fire Fighting Un-manned Air Vehicle <i>Shiva Keshava Murthy Bhargava S Shashank Bhat N, Mahadevaswamy BN, Shashidhara K.S</i>	8. Smart Trolley With Automatic Master Follower and Billing System <i>Levaku L S, Akshatha, Lavanya, Arpita, and Shashidhara</i>
	9. Efficient Channel Attack detection on Physical Leakage Information ---- <i>Ravina and Premala Bhande</i>

Day 2 Wednesday, 12 August 2020

Keynotes Address By: Dr. Vinayadatt V Kohir, Prof., E&CE Dept., PDACE, Kalaburagi.

Time: 10:30AM - 11.30AM

SESSION 3: Time 11.40PM - 1.00PM

Session Chair: Dr. Ravi Raushan

National Institute of Technology (NIT), Surthakal, Karnataka.

1. Improved Load Balancing Algorithm for Network Lifetime Enhancement in WSN <i>Savitri Kanshette, Prashant Sangulagi and Ashok Sutagundar</i>	5. On Line Bus Pass System Using Andriod <i>Shivaleela Patil, Prashant Sangulagi</i>
2. Design and Simulation of A Microstrip Patch Antenna Array Using ANSYS HFSS for Zigbee and Wimax Applications <i>Syed Arif Ali , Basavaliga Swamy, Sadhana</i>	6. Dynamic Scalable Elliptic Curve Cryptographic Scheme and Its Application to In-Vehicle Security <i>Jyoti Borge and Ramesh Patil</i>
3. Design and Implementation of Losses Data Comparison Using FPGA <i>SandhyaraniT, Mrs. Sandhana C , and Mr.Basavaliga Swamy</i>	7. Acceleration and Braking of Electric Vehicle Using Power Electronic Converter <i>Arpita Biradar, Anuradha, Pooja C M, Iqra Jabeen, Durga Prasad</i>
4. Software Defect Estimation Using Machine Learning Algorithms <i>Shama Parveen & Sumangala Patil</i>	8. Design of Buck Boost Converter for Solar Supply using MATLAB SIMULINK <i>Panchal Krutika, Kulkarni Prageeta, Pooja Madale,Pooja K T,Durga Prasad</i>

LUNCH BREAK: 1.00PM - 2.00PM

SESSION 4: Time 2PM - 3.30PM

Session Chair: Dr. Ambresh P.A

Department of Electronics, Mangalore University, Mangalore

1. Fruit Disease Detection and Identification Using Image Processing <i>Heena, Farah Tahreem , Matin Tarannum, Praveen Reddy.</i>	6. Measure Of Diameter Of An Object Within An Image Using Matlab Professor. <i>Premala K, Kavya Hanamashette, Manuja Metre, Shweta kote</i>
2. Managing Congestion In Traffic <i>Anuradha M Sandi, Sheetal Pawar, Gagandeep Singh, Netra Chilshetty</i>	7.Design of an Inverter using Ceiling Fan <i>Kumar, Nikhil Aouti, Vijay gonda, Kushal, Rohini D</i>
3. A Light-Weight White-Box Encryption Scheme for Securing Distributed Embedded Devices <i>Shridevi and Veerendra Dakulagi</i>	8. IOT BASED EPILIPSY MONITORING AND DETECTION <i>RAJENDRA KULKARNI SHIVIN, SHRUTHI, SOUMYA</i>
4. Speech Quality, Bandwidth (BW) and Hardware Complexity Trade off in Digital Communication. <i>Pankaj Preet Singh Dhaliwal</i>	9. V-TOOTH DEVICE FOR HEARING IMPAIRED <i>RAJENDRA KULKARNI, RISHIKESH , SHAILESH, RAHUL</i>
5. A Pentagonal Patch Antenna with Minkowski Fractal Structure using Different Substrate Materials <i>Dhanashree Y, Mahesh Mathpati, Mohammed Bakhar, Dipali A</i>	10.Logistic Transportation Robot System With Fork Using IoT <i>Anil Kulkarni, Saima Hassan,Ruksar Khanam,Sandeep Kaur,Zohra Mubeen</i>
	11. IMPLEMENTATION OF IOT BASED GREEN HOUSE <i>Anuradha M S, Aisha U, Mayuri K, 2, Priyanka K</i>

Valedictory Ceremony Time 3.30PM - 4.30PM