**Department of Electronics and Communication Engineering - Oral Presentation Schedule**

**International Conference on Smart Technologies and Application - 2022**

**(ICSTA 2022)**

**Day 1 (11.03.2022) Session 1 – Timing 11.45 AM to 01.15 PM**

**Domain:** Image Processing

**Chair Person 1 (External Academician):**
Dr.B.Paulchamy  
Professor and Head,  
Department of ECE,  
Hindusthan Institute of Technology, Coimbatore.

**Chair Person 2 (Internal faculty):**
Dr.A.Lakshmi, ASP/ECE  
Ramco Institute of Technology, Rajapalayam

**Google Meet Link:** [https://meet.google.com/whh-xkv-gaz](https://meet.google.com/whh-xkv-gaz)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Paper ID</th>
<th>Title of the paper</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>56</td>
<td>A Review on Brain Tumor Analysis and Classification Using Deep Learning</td>
<td>Mrs.K.Perachi, Dr.S.Balaji</td>
</tr>
<tr>
<td>2.</td>
<td>134</td>
<td>AI Based Mobile Cyborg Mechanism for Tillage Development</td>
<td>Mr.K.KSurasj, Ms.V.Kalyanasundari, Ms.K.Jeevika, Ms.Kethineni Sasharanya, Mr.S.Ashok</td>
</tr>
<tr>
<td>3.</td>
<td>136</td>
<td>Classification of Melanoma and Nevus in Digital Images Using Machine Learning</td>
<td>Ms.J.Pavithra, Ms.S.Monika, Ms.B.Keerthana, Ms.S.Roja Rani, Mr.V.Arun Ragesh</td>
</tr>
<tr>
<td>4.</td>
<td>145</td>
<td>IoT Based Health Monitoring System</td>
<td>Mr.R.Dhayalani, Mr.P.Praveenraj, Dr.A.Shenbagavalli</td>
</tr>
<tr>
<td>5.</td>
<td>201</td>
<td>Wearable Circular Patch Antenna with Aperture Integrated Ground for Tetra Frequency Applications</td>
<td>Mr.S.Thanga Pandi, Mrs.T.Jayasree, Mr.E.A.Mohamed Ali</td>
</tr>
<tr>
<td>6.</td>
<td>303</td>
<td>Qualitative Improvement in Wireless Capsule Endoscopy Images Using Single Scale Retinex Function with Unsharp Filtering</td>
<td>Mrs.S.Jeeva, Dr.S.Anand</td>
</tr>
<tr>
<td>7.</td>
<td>316</td>
<td>Fruits Recognition Classifier Implementation Using Convolutional Neural Network</td>
<td>Ms.S.Harini Shriram, Dr.K.Ragavan, Ms.S.K.Bavithramski</td>
</tr>
<tr>
<td>8.</td>
<td>285</td>
<td>Development of Gyro Stabilized Electro-Bot</td>
<td>Mrs.G.Subhashini, Dr.R.Rajalakshmi, Mr.S.Jegadheeshwaran, Mr.Selvadurai</td>
</tr>
</tbody>
</table>
Department of Electronics and Communication Engineering - Oral Presentation Schedule
International Conference on Smart Technologies and Application - 2022
(ICSTA 2022)
Day 1 (11.03.2022) Session II – Timing 03.00 PM to 04.30 PM

Domain: Communication System

Chair Person 1 (External Academician):
Dr. D. Sriram Kumar
Professor, Department of Electronics and Communication Engineering,
National Institute of Technology,
Tiruchirappalli.

Chair Person 2 (Internal faculty):
Dr.S.Vairaprakash, ASP/ECE
Ramco Institute of Technology, Rajapalayam

Google Meet Link: https://meet.google.com/whh-xkvg-caz

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Paper ID</th>
<th>Title of the paper</th>
<th>Authors</th>
</tr>
</thead>
</table>
| 1.     | 118      | Equipment Configuration and Optimization of AGV Unmanned Warehouse | Ms.K.Dharani  
Ms.P.Haripriya  
Ms.S.Kiruthika  
Ms.M.Gowshika  
Mr.V.Bharathi |
| 2.     | 126      | Data Transmission by Multiplexing Light Spectrums Based on RGB Fusion Method using Light Fidelity | Ms.S.Yogarani  
Mr.S.K.Rahul  
Mr.K.Thayananda Ramana  
Mr.K.Sathanandha Krishna  
Mr.S.Prabhu Kumar |
| 3.     | 144      | Wearable Patch Antenna on Meta Surface Ground for 5G Applications | Mr.T.N.Suresh babu  
Mr.D.Sivakumar |
| 4.     | 152      | Simulation of Circular Microstrip Patch Antenna for Millimeter Wave Applications | Ms.R.SheelaRani  
Ms.P.Akshaya Sree  
Ms.M.Nithya  
Mrs.R.Manjula Devi |
| 5.     | 169      | A Review on Spectrum Sharing Techniques in 5G Communication Networks | Mrs.G.Gnana Priya  
Ms.P.Nisha  
Ms.K.Vishnupriya |
| 6.     | 198      | A Cost Effective Transmitter and Receiver for Unmanned Aerial Vehicles | Dr.S.D.Vijayakumar  
Mrs.G.Vijayakumari  
Mr.S.V.Sanjeeve  
Mr.A.Sivagnanam  
Mr.K.Venkatramanan |
<table>
<thead>
<tr>
<th>7.</th>
<th>238</th>
<th>A 2x1 Wearable Periodical Array Antenna for IEEE Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Mr. M. Vinoth</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mr. E. A. Mohamed Ali</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mr. V. Koushick</td>
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<td></td>
<td></td>
<td>Mr. S. Thanga Pandi</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs. Leema Nelson</td>
</tr>
</tbody>
</table>
Department of Electronics and Communication Engineering - Oral Presentation Schedule
International Conference on Smart Technologies and Application - 2022
(ICSTA 2022)
Day 2 (12.03.2022) Session III – Timing 11.00 AM to 01.00 PM

Domain: VLSI Design
Chair Person 1 (External Academician):
Dr. P. Vimala
Associate Professor/ECE
Dayananda Sagar College of Engineering, Shavige Malleshwara Hills,
Kumaraswamy Layout, Bangalore – 560078

Chair Person 2 (Internal Faculty):
Dr.K.Ragavan, AP(SG)/ECE,
Ramco Institute of Technology, Rajapalayam

Chair Person 3 (Industry Person – Alumni)
Mr.A.Sriram,
Test Engineer
Tessolve Semiconductors, Bangalore

Google Meet Link: https://meet.google.com/ccs-thbu-khb

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Paper ID</th>
<th>Title of the paper</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>35</td>
<td>Preparation and Characterisation of Cobalt Blemished Zinc Oxide Nanostructured Thin Films for Optoelectronic Gadget Applications</td>
<td>Mrs.A.Mahitha Mohan Dr.K.Thangavel Krishnasamy Mr.V.Balaprapaksh</td>
</tr>
<tr>
<td>2.</td>
<td>77</td>
<td>Fabrication of Nanostructured Tio2 Dye Sensitized Solar Cell Using Extracted Organic Dyes</td>
<td>Mr.S.Kumar Mr.P.Gowthaman Dr.J.Deenathayalan</td>
</tr>
<tr>
<td>3.</td>
<td>135</td>
<td>The Design of High PSRR Bandgap Voltage Reference Circuit with Cascode Current Mirror Using Standard 180nm Technology</td>
<td>Ms.D.kotteshwari Ms.V.Yamuna Ms.S.Pooja Ms.N.Lavanya Mr.M.R.Bibin</td>
</tr>
<tr>
<td>4.</td>
<td>137</td>
<td>Analaysis of Memristor based Pass Transistor Logic</td>
<td>Mr.S.Vijayakumar Mr.D. Gopinath Mr.A.Rameshbabu</td>
</tr>
<tr>
<td>5.</td>
<td>159</td>
<td>Design and Development of Health Monitoring System Using Sensor</td>
<td>Ms.S.Bavatharani Ms.M.Karthiga Ms.P.Priya Dharshini Mr.V.Suresh</td>
</tr>
<tr>
<td>6.</td>
<td>172</td>
<td>Analysis of Power in Logic Circuits Using Various Clock-Gating Techniques</td>
<td>Dr.R.Rajalakshmi Dr.P.Sivakumar Dr.Deva Rajan Dr.S.Vasundaraa Mrs.G.Subhashini</td>
</tr>
</tbody>
</table>
|   |   | Priority Control for Charging the Batteries at Different State of Charge in DC Microgrid | Mrs. S. Nithya  
Dr. M. Parimala Devi  
Mr. G. Boopathi Raja  
Mr. Sathyaa Thandavan |
|---|---|---|---|
| 7. | 277 | IoT based Requisite Usage of Welfare Equipment for Alcohol and Accident Detection | Mrs. R. Ramalakshmi  
Ms. L. Nirmala  
Ms. T. Vidhula |
**Department of Electronics and Communication Engineering - Oral Presentation Schedule**

**International Conference on Smart Technologies and Application - 2022**

(ICSTA 2022)

Day 2 (12.03.2022) Session IV – Timing 02.00 PM to 04.00 PM

**Domain:** Embedded System Design

**Chair Person 1 (External Academician):**
Dr. A. Amsaveni Professor,
Department of ECE,
Kumaraguru College of Technology,
Coimbatore.

**Chair Person 2 (Internal Faculty):**
Mr.B.Kannan, AP(SG)/ECE
Ramco Institute of Technology, Rajapalayam

**Chair Person 3**
(Industry Person – Alumni)
R.Karthik Kumar
Embedded System Engineer
Honeywell Aerospace, Madurai

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<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Paper ID</th>
<th>Title of the paper</th>
<th>Authors</th>
</tr>
</thead>
</table>
| 1.     | 115      | Battery & Electric Vehicle (BEV) Monitoring and Quality Oriented Production System and GSM Based Billing System | Dr.B.Perumal  
Mr.A.Subash Balaji  
Mr.Yelagapudi Ravi Kumar  
Mr.Nirmala Sai Krishna  
Dr.J.Deny |
| 2.     | 127      | Artificial Intelligence based Smart Electricity Billing Management System | Dr.A.Lakshmi  
Mrs.N.Bhuvaneswary  
Mr.Aenike Umesh Chandra Reddy  
Mr.Kakanuru Muralidhar Reddy |
| 3.     | 244      | IoT based Early Flood Detection and Avoidance System | Mr.G.Sridhar  
Mr.Yashwanth  
Mr.Santhosh  
Mr.Sai Siddharth |
| 4.     | 264      | Least Cost Automation based Wireless Sensor Networks in Multi Node with Multi Process Data Clustering for Vehicle Rim Manufacturing Industries | Mr.B.Ravindrakumar  
Mr.M.Karuppiah  
Mrs.K.Mahesvari |
| 5.     | 292      | IoT based Drug Delivery System for Pulmonary Lung Disorders | Mr.G.Sivakumar  
Mr.R.Deiva Nayagam  
Ms.A.Bala Kiruthika  
Ms.S.Mirra |
|   |   | An Integrated Multicast Route Approach for Efficient Link Quality in Ad Hoc Networks | Dr.S.Gopinath  
|   |   |   | Mr.S.Pragadeswaran 
|   |   |   | Mrs.S. Madhumitha 
| 7. | 133 | Reduction of Noise in PET Brain Image Using Filtering Techniques | Mrs.N.Thenmoezhi  
|   |   |   | Dr.B.Perumal 
|   |   |   | Dr.A.Lakshmi 

Program Committee In-charge  

Convenor  

HoD / ECE  

Vice Principal  

Principal 

Page 7 of 7