



# SPICON 2022

AICTE & CSIR Sponsored  
Sardar Patel International Conference

on

“Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative”

## Track: Electronics & Telecommunication Engineering

### Session Schedule

- Session Number: **S31 A/5**
- Date: 23/12/2022
- Time: **10.00 to 11.00 am**
- Type of Session: **Online**
- Track: **Electronics & Telecommunication Engineering**
- Venue / Link: Conf. room, 8<sup>th</sup> Floor, SPIT Building / <https://meet.google.com/odj-mnzz-kpr?authuser=0&pli=1>

| Sr. No. | Paper ID | Authors   | Title   |
|---------|----------|---|---|
| 1       | 4330     | Radhika Joglekar, Rishona Daniels, Aishwarya Jagare, Payal Shah and Surendra Rathod | TIQ Comparator Based 8 bit Flash ADC for Communication Applications   |
| 2       | 1115     | Sachin Chavhan, M S Kumbhar, Rahul Chavhan, Vishal Dake                             | A Study on Distributed Embedded Controller with Tiny Machine Learning (ML) Algorithm for Interconnected Microgrid and Utility Grid in Smart Grid Paradigm |
| 3       | 5655     | Sampada Deshpande, Maitreyi Ekbote and Reena Sonkusare                              | Enhancement of Underwater Images using White - Balanced EMD and Convolution   |
| 4       | 5670     | Sujata Gaikwad and Dr. Mansi Subhedar   | Intelligent Realtime Robust Vehicle Movement-Based Road Traffic Sign Recognition  |
| 5       | 7285     | Sachin Sawant, Nikita. Chaudhari and Pratik Chaudhari                               | Dry And Wet Automatic Waste Separator Using Arduino   |



# SPICON 2022

AICTE & CSIR Sponsored  
Sardar Patel International Conference

on

“Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative”

## Track: Electronics & Telecommunication Engineering

### Session Schedule

- Session Number: **S31 B/5**
- Date: 23/12/2022
- Time: **11.15 to 12.15 pm**
- Type of Session: **Online**
- Track: **Electronics & Telecommunication Engineering**
- Venue / Link: Conf. room, 8<sup>th</sup> Floor, SPIT Building / <https://meet.google.com/odj-mnzz-kpr?authuser=0&pli=1>

| Sr. No. | Paper ID | Authors  | Title   |
|---------|----------|--|---|
| 1       | 8342     | Amit Sonkamble, Rahul Chavhan, Bhimrao Jadhao and Shivraj Rathod                 | Real-Time Indian Sign Language Detection using SSD-MobileNet  |
| 2       | 5072     | Neeta Chavan, Isha Chavan, Aishvarya Birambole, Risa Samanta and Saakshi Karkera | Design and Development of Smart Pill Dispenser  |
| 3       | 7331     | Soumya Debashis Das and Gyan Ranjan Biswal                                       | Development of an Energy Neutral Free Space Optical Link using Off-the-Shelf Solar Panel                              |
| 4       | 5422     | Swapnil Doiphode and Tanishq Kale  | Design of a Multimodal Brain Computer Interface Wheel - Chair Control System Based on EEG and Arduino Microcontroller |
| 5       | 578      | Sachin Sawant, Gauri Choudhari, Vedant Choudhari and Ojas Chougule               | Mobile Application Based Water Garbage Collector Robot  |