

Electronic and Telecommunication

1. “ConQr – A Safer and Modern Approach to Minimize the Spread of COVID-19”
Teena S Fernando Palappa (CINEC Campus); Gavin Fernando (CINEC Campus); Thiran Perera (CINEC Campus); Kavindya Sewmini (CINEC Campus); Gresha Samarakkody (CINEC Campus)
2. “Cleaning Bot”
Kaveesha V Nanayakkara (Cinec Campus); Thimira R Botheju (Cinec campus); Anuka H Boyagoda (CINEC); Roshan Akthar (CINEC Campus); Gresha S Samarakkody (University of Moratuwa)
3. “Design of a Modified Dipole Antenna for Passive UHF RFID Sensor Tag”
Shyama M Wickramasinghe (Wayamba University of Sri Lanka); Jeevani Jayasinghe (Wayamba University of Sri Lanka); Melaka Senadeera (Wayamba University of Sri Lanka)
4. “Gain Enhancement of a Printed Log Periodic Dipole Array Antenna”
Sudeepa M Herath (Wayamba University of Sri Lanka); Jeevani Jayasinghe (Wayamba University of Sri Lanka); Prof. Disala Uduwawala (Department of Electrical & Electronic Engineering, University of Peradeniya, Sri Lanka.)
5. “Development of a low-cost auto guiding system for telescope mount”
Eranga M Ranasinghe (Wayamba University of Sri Lanka); Hasitha Eranda Bandara (Wayamba University of Sri Lanka)
6. “Universal Safety System for Tractor & Rotary Slasher”
Kalupathiranlahaga Don Naveen Gamini Karunarathna (CINEC Campus); Chamuditha Rukshan Kannangara (CINEC Campus); Yoshitha Deshan Weerasinghe (CINEC Campus); Tanura Chandrasekara (CINEC Campus); J.A.D. Imasha Ayeska W. Jayasundara (Cinec Campus)

Intelligent Systems and Robotics / Power and Energy

1. “Electronic Learning Platform Using Augmented Reality”
Shalani A.K. Anudini (General Sir John Kotelawala Defence University); Saliya HMSS Dissanayake (General Sir John Kotelawala Defence University)
2. “Empty Parking Space Detection using Mask R-CNN and Computer Vision”
Mounika P (vardhaman college of engineering)*; Shashi C Shirupa (Vardhaman College of Engineering); Mallellu Malellu Sai Prashanth (Vardhaman College of Engineering)
3. “DIABETES PREDICTION USING LOGISTIC REGRESSION”
Mounika P (vardhaman college of engineering); Shoba Rani Reddy (Vardhaman College of Engineering); Jaya teja G (Vardhaman College of engineering); Sai Rakesh Vavilala (Vardhaman college of engineering)

4. “Earth and Extraterrestrial Regolith Agricultural Semi-Autonomous Rover with I.o.T (TerraFormer-E)”

Y.A.D. Nirodha P Samarathunga (Colombo International Nautical and Engineering College (CINEC) Colombo); Lakhitha Akalanka Wijayaratne (Colombo International Nautical and Engineering College (CINEC) Colombo); Sudeera Milakshan (Colombo International Nautical and Engineering College (CINEC) Colombo)

5. “seismic project”
Boomika Sivabalan (Cinec Campus)
6. “Vegetation Related Outage Prediction using Machine Learning Methods”
Adithya Upendra Melagoda (University of Moratuwa)*; Lahiru Karunarathna (University of Moratuwa); Dr. Saranga Abeygunawardane (); Genhatharan Nisaharan (University of Moratuwa)”

Information and Communication Technology – Track 1

1. “Behaviour of Share Prices in Sri Lanka Data Mining Approach with a Special Reference To Material Sector Companies Listed On Colombo Stock Exchange”
Chamodhi Rangika (Uva Wellassa University); Dushanee D Perera (Uva wellassa university);
Bewani Anuththara Kodithuwakku (Uva Wellassa University)
2. “Factors of Completeness for increasing the Reliability of a Software Product.”
Egodwaththa Arachchige Nimesha Dilini (University of Kelaniya); Thananthara Arachchige
Madushanka Kahawa (University of Kelaniya); Mohamed Rizwan Mohamed Nabeel (University of
Kelaniya); Siththarachcharige Kavindu Gayantha Chandramal Ariyaratna (University of Kelaniya)
3. “Blockchain as a Service (BaaS) for Certificate Authentication System”
Suranga Prabhath (Sabaragamuwa University of Sri Lanka); Suranga Prabhath (Sabaragamuwa
University of Sri Lanka)
4. “Energy-Efficient Resource Management in SDN-based Cloud Data Center Architecture”
Rumes Hemachandra (Sabaragamuwa University of Sri Lanka)
5. “Many Objective Virtual Machine Placement in Cloud Computing using Metaheuristic Algorithm”
Sithum Ravishara (Sabaragamuwa University of Sri Lanka)
6. “Automatic Room Light Controller System - With A Bidirectional Visitor Counter and Room Light
Intensity Detection System”
J.A.D. Imasha Ayeshka W. Jayasundara (Cinec Campus); Kalupathiranlahaga Don Naveen Gamini
Karunarathna (CINEC Campus); Tanura Chandrasekara (CINEC Campus); B.A.Janith S. Nandasiri
(CINEC Campus)

Information and Communication Technology – Track 2

1. “Enhancing the Japanese, Sinhala, English Dictionary through Voice Search”

AHMD Somasiri (General Sir John Kotelawala Defence University)*; Indika De Silva (General Sir John Kotelawala Defence University)

2. “Automated Approach for Real Estate Retailing Process”

Hiruni Amasha Rajapaksha (General Sir John Kothelawala Defece University)

3. “IoT enabled Smart Home System”

Hansima Nethmini (General Sir John Kotelawala Defence University)

4. “Throughput and Delay Analysis use of IOTA Tangle Technology during the Traffic Congestion”

Malka N. Halgamuge (The University of Melbourne)

5. “Feature learning for malicious attack detection in IoT networks”

Maheshi Dissanayake (Department of Electrical & Electronic Engineering. University of Peradeniya)

6. “Identifying Keywords in Legal Articles Using Machine Learning Techniques”

Kshithija Dilhani (University of Peradeniya)*; Ishani Madhuwanthi (University of Peradeniya);
Wathsari Premathilaka (University of Peradeniya); Damayanthi K Herath (University of Peradeniya)