



ACM/CSI/IEEECS Research & Industry Symposium on

IoT Cloud For Societal Applications (IoTCloud'21)

(In honour of Shri. F.C. Kohli, Father of Indian Software Industry)

Joining Time: 8:45 AM
Inauguration (9:00 – 9:15AM and Venue)

Keynote Talk-I - Mr. Sunderasa Subramanian

Director, NextGen QA Services (Americas), Infosys Limited, Atlanta, Metropolitan Area, USA.
(9:15 – 10:00AM , venue, speaker details)

Break (10:00 -10:15AM Venue)

Technical Sessions (10:15 – 1:15PM)

IoT and Applications - TRACK-1
(Session Chair: Prof. Dr. Albert Raj,
Dean-R&D,
SriKrishna Engineering College, Coimbatore,
Tamilnadu)

Deep Learning and Applications - TRACK 2
(Session Chair: Prof. Dr. Joe Pradap,
Professor,
RMD Engineering College, AU, Chennai)

PID101

Title: Remote Monitoring And Data Analysis For
Textile Machinery

Authors: K.B.Nihilesh, R Kowshikh, Anasuya K V

PID102

Title: Framework for Roadside Litter
Identification and Face Recognition using
Convolutional Neural Networks

Authors: Abiga Sansuri M, Anasuya K V,
Nivethitha M, Gutta Abhinav
Krishna Sai

<p>PID107</p> <p>Title: IoT based Smart Parking System using Cloud database</p> <p>Authors: Nivetha S R</p>	<p>PID104</p> <p>Title: Design and Implementation of Custom Built Quarantine Service Mobile Robot Using Deep Learning and ROS</p> <p>Authors: Sanjuna Mariam Mathews, Sreeja S</p>
<p>PID108</p> <p>Title: IoT Based Remote ECG Monitoring System</p> <p>Authors: Sneha S, Shwetha Srikanth, Vibish Kashyap B, Vishnu K Krishnan, R Hemalatha, S Radha</p>	<p>PID105</p> <p>Title: Design and Development of Stylometric based Fake News Detection on Social Media using Natural Language Processing and Machine Learning</p> <p>Authors: Swetha Thashini S, Kavitha Devi M K, Nivetha S, Meenakshi Aiswarya N</p>
<p>PID113</p> <p>Title: A review of IoT systems and machine learning techniques in crop yield prediction</p> <p>Authors: Nitin Zachariah, Chaitra Ankesh, Aliva Mohanty R, Bhuvaneswari R D, Preethi Sheba Hepsiba</p>	<p>PID111</p> <p>Title: Smart Mobility Model for Driver Assistance in Semi-Autonomous Vehicles</p> <p>Authors: Kezia M, Anasuya K V, Bharath M</p>
<p>PID115</p> <p>Title: Consumer and Industrial IoT: A systematic review</p> <p>Authors: Lokitha T, Mirthula R, Suvetha P, Sasikala S</p>	<p>PID118</p> <p>Title: Application of Deep learning for Solid waste trash classification using Deep CNN</p> <p>Authors: Karthikeyan S, Sivakumar M, Jeysiva A P, Maheshkumar C</p>
<p>PID117</p> <p>Title: Novel Applications of Neurolink in HealthCare - An Exploratory Study</p> <p>Authors: Suja A.Alex, Kumaran U, Santhana Mikhail Antony S</p>	<p>PID121</p> <p>Title: Malware Detection and Classification</p> <p>Authors: Armaan Sait, Kiruthika J, Nivetha R, Chandrakala D</p>

<p>PID123</p> <p>Title: Serverless Functions for IoT Applications - An Analysis</p> <p>Authors: Varun Bhaaskar, Tania Simon, Shreshta Shajimon, Joms Antony</p>	<p>PID126</p> <p>Title: Electricity Theft Detection using Deep Learning and IoT</p> <p>Authors: Abin M K, Aiswarya Suresh, Athira C, Avin Joseph, Aswathy Wilson</p>
<p>PID124</p> <p>Title: Smart technologies used in everyday life that makes use of the internet of things: A Survey</p> <p>Authors: Ansu Susan Deepak</p>	<p>PID142</p> <p>Title: Internet of Things: A Review on Machine Learning based Intrusion Detection System</p> <p>Authors: Priyanka Gupta, Lokesh Yadav, Deepak Singh Tomar</p>
<p>PID125</p> <p>Title: Smart Detection System For Fruit Ripeness</p> <p>Authors: Srenedhi S, V Jayalakshmi</p>	<p>PID154</p> <p>Title: Proof of quality in Organic farm Produce using Distributed ledger Technology.</p> <p>Authors: Akshay D Saraf, Manish Kurhekar, Hardik Gandhi, Vaibhav Popat, Darsana Dalal</p>
<p>PID128</p> <p>Title: Development of Fish Feeder Bot for Aquaculture</p> <p>Authors: Sakthivel P, Selvamuthukumar D, Sudhakar S, Jhanvi K R, Brindha S</p>	<p>PID120</p> <p>Title: RF Module Based Automated Toll collection System</p> <p>Authors: Somalatha T, Anasuya K V, Salai Prajeetha R, Jaishree J</p>
<p align="center"> Keynote Talk (2:00 – 2:45PM , venue, speaker details) Title: Deep Learning and IoT using MATLAB and ThingSpeak Dr. Debanand Singdeo, Mathworks India Pvt. Ltd. </p>	
<p align="center">Technical sessions (2:45-6:00 PM)</p>	

<p style="text-align: center;">IoT and Applications - TRACK 1 (Session Chair: Prof. Dr. Albert Raj, Dean-R&D, SriKrishna Engineering College, Coimbatore, Tamilnadu)</p>	<p style="text-align: center;">Deep Learning and Applications - TRACK 2 (Session Chair: Prof. Dr. Joe Pradap, Professor, RMD Engineering College, AU, Chennai)</p>
<p>PID130</p> <p>Title: IoT security - A Brief Review</p> <p>Authors: Moni Sree S, Nithyaa shri R B, Pavithra R, Sasikala S</p>	<p>PID122</p> <p>Title: A novel temporal-spatial interpolation method for spatio-temporal air quality forecasting</p> <p>Authors: K.Krishna Rani Samal, Korra Sathaya Babu, Santos Kumar Das</p>
<p>PID134</p> <p>Title: Remote Health Monitoring for Elder Patients Using Wearable Sensors</p> <p>Authors: UmaMaheswari K, Shrichandran G V, Mirunalini B.</p>	<p>PID133</p> <p>Title: A secured novel classifier for effective classification using Light Gradient Boosting Machine</p> <p>Authors: R Barona, E A Mary Anita</p>
<p>PID135</p> <p>Title: Blue Ocean IoT Cloud based Early Warning System</p> <p>Authors: Dineshkumar Singh, Subhadravarma Pusapati, Karthik Srinivasan, Vaibhav Lonkar, SrinivasanPappula, Veerendra Veer Singh</p>	<p>PID136</p> <p>Title: An Android based Application for Computation Offloading in Mobile Cloud Computing</p> <p>Authors: Mohit Bansal, Arman Jaiswal, Mohd. Asif Ansari, Dinesh Kumar</p>
<p>PID139</p> <p>Title: Development of Touch Less Smart Toilets and Sewage Monitoring System Using IoT</p> <p>Authors: Sirisha Daggubati, Sai Goutham Goli, Navya Sahithi Muthavarapu, Jitesh Nasigari</p>	<p>PID137</p> <p>Title: Remaining Useful Life Estimation in Prognostics and Health Management using LSTM Neural Network and Vector Auto-Regression Models</p> <p>Authors: Ritu Thombre, Sanket Gajbhiye, Meera Dhabu</p>

<p>PID141</p> <p>Subject: IoT fueled AI system for Food Wastage Reduction and Efficient Redistribution of Excess Food</p> <p>Authors: Akhil V B, Raghu C V</p>	<p>PID138</p> <p>Title: Sound Sensor to Control Traffic System for Emergency Vehicles</p> <p>Authors: P Kavipriya, S Kavin Sagar, D Komalavalli</p>
<p>PID147</p> <p>Subject: An E-Healthcare system using IoT and Edge Computing</p> <p>Authors: Nitish Gupta, Asutosh Soni, Yogesh Kumar Gond, Dinesh Kumar</p>	<p>PID144</p> <p>Title: Number Plate Recognition Using CNN For Identification Of Theft In Toll Collection System</p> <p>Authors: Baavessh M, Vijaya Nagarajan, Giridharan Murali, Gunasekaran Gnanasekaran</p>
<p>PID157</p> <p>Title: IoT, Fog and Cloud Computing Based Virtual Patient Monitoring and Telemedicine</p> <p>Authors: Satadru Banerjee, Shreemoyee Goswami</p>	<p>PID146</p> <p>Title: Security Issues in Public Clouds</p> <p>Authors: A V Adityavardhan, Yashwanth Deshaboina</p>
<p>PID151</p> <p>Title: Data Reduction strategy using Neural Adaptation Phenomenon in Internet of Things</p> <p>Authors: Koppala Guravaiah, A Kavitha, Leela Velusamy, S Suseela, T Kujani</p>	<p>PID143</p> <p>Title: A Review of Deep Learning Application in Cryptography</p> <p>Authors: Syamamol T, Manjith B C</p>
<p>PID156</p> <p>Title: IoT Based Smart Medicine Reminder Kit</p> <p>Authors: Keerthi Sreenivas Konjety, V. Panchami, Vangapandu Sandeep, Sai Manoj Konidana'</p>	<p>PID119</p> <p>Title: 3DP-FAS: An Intelligent Quality Assurance System for 3D Printer</p> <p>Authors: Basil C Sunny, Shajulin Benedict, Keerthana B</p>