M. V. CHAUHAN
ALL INDIA STUDENT PAPER CONTEST

M V Chauhan All India Student Paper Contest 2020 was organized under the aegis of Student Activities of IEEE India Council. The contest was held along the lines of the IEEE INDICON 2020, a flagship conference of IEEE India Council as a special track. The conference provided an opportunity for young minds to come together and discuss the latest developments and future directions in the areas of Engineering and Technology.

A total of 39 papers were received. The level of review process used was the same as that of other technical tracks of Indicon2020. A total of 14 papers were selected for oral presentation. All 14 authors could register for the conference and present their papers during Indicon 2020. The track was held in a virtual mode on 10 the December 2020.

Winners of the M V Chauhan Student Paper Contest 2020

Undergraduate Category -Winner
1570652974, Siddhant Banyal, OSEPCloud: Opportunistic scenario-based Security and Privacy enhanced data forwarding framework for Cloud computing
Undergraduate Category-Special Mention
PaperID: 1570657065, Robin Koshy Mathews, Charan Kotaprolu, Jeevesh Reddy , Sai Tharun Kakkirala and Gajula Raj Kumar, Design of a Hexa-Directional FSO Communication for UAVs
Post Graduate Category- Winner
1570652556, SMRITI REKHA BARUAH, Outage Analysis of DF based Mixed Hybrid Multi-hop Cooperative System

The proceedings of the track were coordinated by Dr. Rajashree Jain, Vice Chair, Student Activities, IEEE India Council, under the guidance of Dr. S N Singh, Chair, IEEE Council, Dr. Prerna Gaur, General Chair, Indicon 2020.

The awards were announced during the Annual General Meeting of IEEE India Council and winner certificates were shared to the authors on their registered E amil IDs of paper authors.

List of paper and details presented during the Track:-

1. PaperID:1570653614 **Pushkar Khetrapal(P),** "Classification of Motor Imagery Waves Using Hybrid-Convolutional Neural Network"
2. PaperID:1772767 **Atmadeep Banerjee**(P)" Meta-DRN: Meta-Learning for 1-Shot Image Segmentation"
3. PaperID:1570664446 **Aanchal Sahu(P)** "A Dual Approach for Credit Card Fraud Detection Using Neural Network and Data Mining Technique"
4. PaperID:1570652556 **SMRITI REKHA BARUAH(P**) "Outage Analysis of DF based Mixed Hybrid Multi-hop Cooperative System"
5. PaperID:1570652974 **Siddhant Banyal(P) "**OSEPCloud: Opportunistic scenario-based Security and Privacy enhanced data forwarding framework for Cloud computing"
6. PaperID:1570653675, **Chirag Kyal(P)** "Performance-Based Analogising of Needleman Wunsch Algorithm to Align DNA Sequences Using GPU and FPGA"
7. PaperID:1570670356Arka Prava RoyEyes speak out Mind: Deep models for Gaze-based Analysis of Bilingual And Monolingual Reading
8. PaperID:1570650023 **Pearl Pullan(P),** Krisha Mehta, Muskan AroraI, "ntelligent Elevator Design Using PLC"
9. PaperID:1570655624 **Shreyanka S(P**) "GSupernumerary Robotic arms for the blind"
10. PaperID:1570649860 **Aditya Mangesh Baradkar (P)** "Mask Disposal Bin"
11. PaperID:**Karumuri Lohit Sai(P)** "Smart Room"
12. PaperID:1570662620, Chintakindi Balaram Murthy(P), Dr. Md. Farukh Hashmi (NITW) "Real Time Pedestrian Detection Using Robust Enhanced Tiny.."
13. "PaperID:1570654145M. Himansh, P. Dalal, **O. A. Ramwala(P),** P. Parikh, U. Dalal, M. C. Paunwala, C. N. Paunwala, "Tonsillitis based Early Diagnosis of COVID-19 for Mass Screening using One-Shot Learning Framework "

14. PaperID: 1570657065, Robin Koshy Mathews, Charan Kotaprolu, Jeevesh Reddy , Sai Tharun Kakkirala and Gajula Raj Kumar, Design of a Hexa-Directional FSO Communication for UAVs

Prepared by: Dr. Rajashree Jain, Vice Chair, Student Activities, IEEE India Council.