

M V Chauhan All India Student Paper Contest 2023: A Brief Report

The M V Chauhan All India Student Paper Contest 2023 was conducted under the esteemed guidance of the Student Activities Committee of IEEE India Council. Aligned with the 20th IEEE INDICON 2023, jointly hosted by IEEE Hyderabad Section and IEEE India Council, the contest took place from 14th to 17th December 2023 at CMR Institute of Technology, Kandlakoya, Hyderabad, Telangana, India.

Winners:

In no particular order, the distinguished winners of the contest and their respective papers are:

1. **Paper ID: 268** | Title: Enhanced Convolutional Neural Networks based on Bonferroni mean operator and their different combination in pooling layer
2. **Paper ID: 802** | Title: Effect of Internal Thrombus Formation on the Performance of the pump of an LVAD
3. **Paper ID: 1017** | Title: Deep Learning-Based Flying Object Detection using Avian-Airborne Database: Military Applications

Insights into Winning Papers:

Each winning paper showcased a remarkable depth of research and innovation. The exploration of enhanced convolutional neural networks promises advancements in machine learning, while the study on thrombus formation and its impact on LVAD pump performance delves into critical biomedical engineering insights. The work on deep learning for flying object detection not only demonstrates technical prowess but also holds potential applications in the military domain.

The M V Chauhan All India Student Paper Contest 2023 served as a nexus for intellectual exchange, fostering discussions on the forefront of Engineering and Technology. With many submissions from renowned institutions such as IITs, NITs, and various esteemed universities, the contest maintained a high standard of quality in its review process, aligning with the technical tracks of INDICON 2023.

Congratulations to the winners and sincere appreciation to all participants, contributors, and organizers for elevating the M V Chauhan All India Student Paper Contest 2023 to new heights of academic excellence and innovation.

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