MVJ COLLEGE OF ENGINEERING
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ACTive8 CLUB ACTIVITY

The Department of Advanced Communication Technology organized a club activity **'SecureNet Challenge'**. The activity was held on 5th May 2025, in EC(ACT) class - Room No. 326 from 1.30 am to 4:00 pm. Students from 4th semester EC(ACT) and ECE participated in the activity. The activity was judged by Dr. Anandi Giridharan, Principal Research scientist, Indian Institute of Science, Bangalore.

As part of the SecureNet Challenge, a quiz competition was organized with active participation from 94 students of the 4th semester EC (ACT) and ECE departments. The event was held in Seminar Hall 1 and aimed to test students' knowledge and awareness in the field of wireless communication, cybersecurity and networking. Out of the 94 participants, four students emerged as winners of the competition. Priya E R (1MJ23EC115) secured the 1st place, Nithin R (1MJ23EC095) secured the 2nd place, and two students Ranjith Kumar A (1MJ24EA401) and Ajay V (1MJ23EA004) shared the 3rd place. Certificates of achievement were awarded to these winners in recognition of their outstanding performance.

Photographs of students taking the quiz in Seminar Hall-1

As part of the SecureNet Challenge, students showcased their creativity and technical skills by presenting innovative ideas to enhance the security of communication networks. They not only conceptualized these solutions but also implemented them and demonstrated their working models to the judge, highlighting their practical understanding of cybersecurity principles.

Photographs of students giving the demonstration of ideas implemented.

A total of eight teams participated in the event, out of which two teams were selected as winners based on the quality and effectiveness of their solutions.

Team-5: "Secure Key Distribution System using Certificate authority and KDV" comprising the following students secured the 1st place.

Nithin R – 1MJ23EC095 and Nithish Kumar Patil - 1MJ23EC096

Team-3: "Intrusion detection system" comprising the following students secured the 2nd place. Nihar- 1MJ23EA031, Suhas A- 1MJ23EA041, Preethi A- 1MJ23EA034, Keerthi S Ragate- 1MJ23AI046

The teams who secured 1st and 2nd place received a cash prize of Rs. 1000/- and Rs.500/- respectively. Winning certificates were issued to 1st and 2nd winners. Participation certificates were given to all participants.

Outcome of the activity:

The SecureNet Challenge provided a valuable platform for students to explore and apply concepts related to network security. It encouraged innovation, teamwork, and practical problem-solving, allowing students to demonstrate their understanding through idea presentations and implementations. The event helped enhance students' technical skills, boosted their confidence in presenting solutions, and fostered greater awareness of cybersecurity challenges and strategies. Overall, it was a successful initiative that contributed to experiential learning and academic engagement in the field of secure communication networks.