

inTELEgenze Club Event- "HARDWARE DEBUGGING"

MVJ College of Engineering, Department of Telecommunication Engineering organized a Club activity -"Hardware Debugging" on 06th March 2018 from 1:00PM to 4:00PM at TE, Department. Participants were 6th and 8th Sem students of TE department and Polytechnic students of EC department.

Round-1: MCQ's on recent trends in electronics and telecommunication and technical topics:

There were 25 multiple choice questions on recent trends and technologies in the field of electronics and telecommunication and also on technical topics

Sample questions are as below:

1. Name the world's largest biometric identification system
 - a) Parafe
 - b) Smartgate
 - c) E Passport gate
 - d) Aadhar
2. What is the new name of the app which is released by Google?
 - a) Pixton
 - b) Story Bird
 - c) Toontastic
 - d) Bulletin

In total 25 groups have participated. 33 students from 6th sem, 23 students from 8th sem of TE Dept. and 29 students from Polytechnic EC Dept. participated in the event. Out of 25 groups, 15 groups were selected for the 2nd round.

Round-2: Zig-Zaw puzzle of block diagram.

Students were provided with the different blocks, from which students rearranged the blocks to form correct block diagram and identified the name of the block diagram. Out of 15 groups, 5 groups were selected for the 3rd round.

Sample Zig-Zaw Puzzle of block diagrams were as below:

- 1) Super heterodyne Receiver
- 2) Voltage regulated Power supply

Round-3: "Hardware Debugging"

"Hardware Debugging" in which rigged up circuit (completely covered by a box except input and output pins) were given to students. Students connected input and output and by analyzing the output they identified the circuit and drawn its circuit diagram.

Sample Hardware Debugging circuits were as below:

- 1) Asymmetric Astable Multivibrator using 555 Timer
- 2) Symmetric Astable Multivibrator using 555 Timer

In this round, 3 groups from TE dept. and 2 groups from Polytechnic had participated. Out of 5 groups, 2 groups were selected as winners.

Winners were announced and Certificates were distributed to the winners, participants and coordinators.

Winners:

1st Prize: Mr. Surendran JK (1MJ14TE029) and Mr. Naveen M (1MJ13TE020)

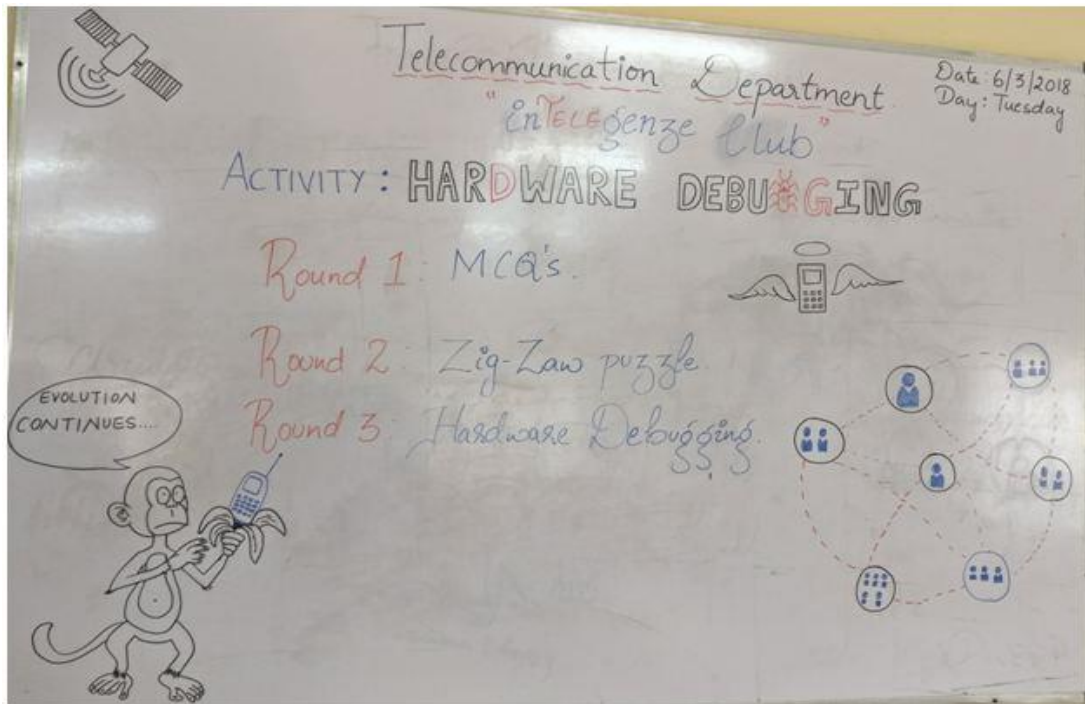
(Sem 8/TE)

2nd Prize: Mr. Vardhaman (1MJ15TE405), Mr. Sudeep (1MJ13TE405), Ms. Manjusha Nair (1MJ14TE011) and Ms. Deepika (1MJ14TE003) (Sem 8/TE)

Outcome:

"Knowledge is the best when it brings people together". Club activity event was very innovative and interactive. Students worked in groups to debug the hardware. It helped students to visualize the connection between their recent updates on technology, theoretical and practical knowledge.

Photo Gallery of *inTELEgenze Club Event- "HARDWARE DEBUGGING"*



inTELEgenze Club event "Hardware Debugging": Organised by TE department on 06th March 2018.



inTELEgenze Club event "Hardware Debugging": (L to R) Ms. Dibya (1MJ14TE005), Ms. Poomima (1MJ14TE018), Ms. Diksha (1MJ13TE010) and Ms. Bhavya (1MJ15TE400) (8th sem/TE) solving MCA's in Round-1, Organised by TE department on 06th March 2018.



inTELEgenze Club event "Hardware Debugging": (L to R) Ms. Thrupthi (1MJ15TE050), Ms. Aishwarya sopan (1MJ15TE001), Ms. Fathim (1MJ15TE014) and Ms. Mehanoor (1MJ15TE028) (6th sem/TE) solving Zig-Zaw puzzle of block diagram in Round-2, Organised by TE department on 06th March 2018.



inTELEgenze Club event "Hardware Debugging": (L to R) Mr. Keerthi (366EC15005), Mr. Bhanuprakash (366EC15201), Mr. Nithish Kumar (366EC15014) and Mr. Prashanth singh (366EC15202) of EC department, Polytechnic participating in Round 3- Hardware Debugging organised by TE department on 06th March 2018.



inTEEgenze Club event "Hardware Debugging": (L to R) The 1st prize winners Mr. Surendran JK (1MJ14TE029) and Mr. Naveen M (1MJ13TE020) (8th sem/TE) in the club event organised by TE department on 06th March 2018.



inTEEgenze Club event "Hardware Debugging": (L to R) The 2nd prize winners Mr. Vardhaman (1MJ15TE405), Mr. Sudeep (1MJ13TE405), Ms. Manjusha Nair (1MJ14TE011) and Ms Deepika (1MJ14TE003) (8th sem/TE) in the club event organised by TE department on 06th March 2018.