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Report - NIC CLUB ACTIVITY 'TECHSPARKS', organized by Department of CSE

The NIC Club of MVJCE was proud to host this event for Final, Pre-final and 2nd year students. The event '**Techsparks'** is the ultimate test of codes and logic, and consists of 2 rounds which can be played individually or as a group. The cumulative scores are added, to decide the winners.

The main event (Round 2) was conducted on **25st September 2019** (Wednesday), in Room Nos. 251 and 252, Computer Science and Engineering Department. It started at 2.30 pm and ended at 4.00 pm. **Prof. Santhiya M**, **HoD CSE,** judged the event which was coordinated by Event Coordinator **Mrs. Ashwini H K**. Around 100 (50 teams) students from the CSE Department participated in the event.

Round 1 (Elimination):

Sudoku: This event was conducted on 4th August 2019 (Wednesday), with 4 different sets of sudoku problems, for all CSE Final / Pre-final year students. The modern version of Sudoku was invented in 1979 by Howard Garns in USA (where it was called `Number Place'). It became really popular in Japan in the 1980s, and in the UK since late 2004. It is now quickly spreading worldwide. The word *Sudoku* is an abbreviation of a phrase which means 'the digits must occur only once'. The aim of a Sudoku puzzle is to fill in the grid so that each row, each column, and each box contains all the numbers from 1 to 9. Usually, the grid is 9 by 9, using the numbers from 1 to 9, but the easier grids are smaller, using numbers from 1 to 4, or 1 to 6.

50 teams (100 students) took part in this round. This round was time bound, and students who completed the sudoku problems qualified for the second round.

All the students were enthusiastic about completing Round 1 in the stipulated time. The sudoku problems were quite tricky and brainstorming. Event Coordinators and Student Coordinators started the event exactly at 3:00 pm and the time duration for Round 1 was only 1 hour. Round1 was completed at around 4:00 pm, with the results being announced. For Round 1, Rooms 251 and 252 and the PCD lab were chosen, to accommodate 100 students.

15 teams (30 students) qualified for Round 2. The selected students were instructed to get their laptops with the appropriate software, for the next round, which was scheduled for **25/9/2019,** Wednesday.

Round 2:

Hackathon: Here, a problem statement will be composed of different files, where the solution of one file would make way for other consecutive files with cumulative levels by successfully hacking the code. This round was the final round of the NIC event **'Techsparks'.** This round started exactly at 2.30 pm. All the teams put their best foot forward and a lot of effort, to come up with possible outcomes.

NIC club event "Techsparks" organized by CSE department: Students of pre final and second year solving the given sudoku problem in round 1 of the NIC event held on **4th Sept 2019**

NIC club event "Techsparks" organized by CSE department: Students of Pre-final year solving sudoku in Room No. 251 of CSE department of the event held on **04th Sept 2019**

NIC club event "Techsparks" organized by CSE department: All qualified students from round 1 of NIC event participating in round 2-Hackathon in Room 241 CSE Dept., of the NIC event held on **25th Sept 2019.**

NIC club event "Techsparks" organized by CSE department: Conduction of Round 2 'Hackathon' at Room. 251 for Pre-final year and Second year CSE students on **25th Sept 2019**

NIC club event "Techsparks" organized by CSE department: Event Winners (LtoR) **Dheesun KR** & **Chethan N** of 7th sem CSE receiving cash prize and participation certificate by **Prof.,Santhiya M. HOD CSE and NIC Co-ordinators** on **25th Sept 2019.**

NIC club event "Techsparks" organized by CSE department: Event Runners-up (LtoR) **Mr.U Pavan Ravi** & **Mr.Sahil Malhotra** of 7th sem CSE receiving cash prize and participation certificate by **Prof.,Santhiya M. HOD CSE and NIC Co-ordinators** on **25th Sept 2019.**

Outcome: The students were able to analyse, design and enhance their technical skill, applying it to various topics in Computer Science related fields. It also helped students to solve technical and aptitude related queries through this program, which was a hands-on one. Students were able to know their potential, and come up with creative ideas through this animation concept. It will also help Pre-final year students to crack technical interviews, with ease.

The Winners of the NIC Event 'TECHSPARKS':

Winners:

7th semester CSE:

1. DHEESUN KR

2. CHETHAN N

Runners-up:

7th semester CSE:

1. U PAVAN RAVI

2. SAHIL MALHOTRA