

Date – 26-02-2018

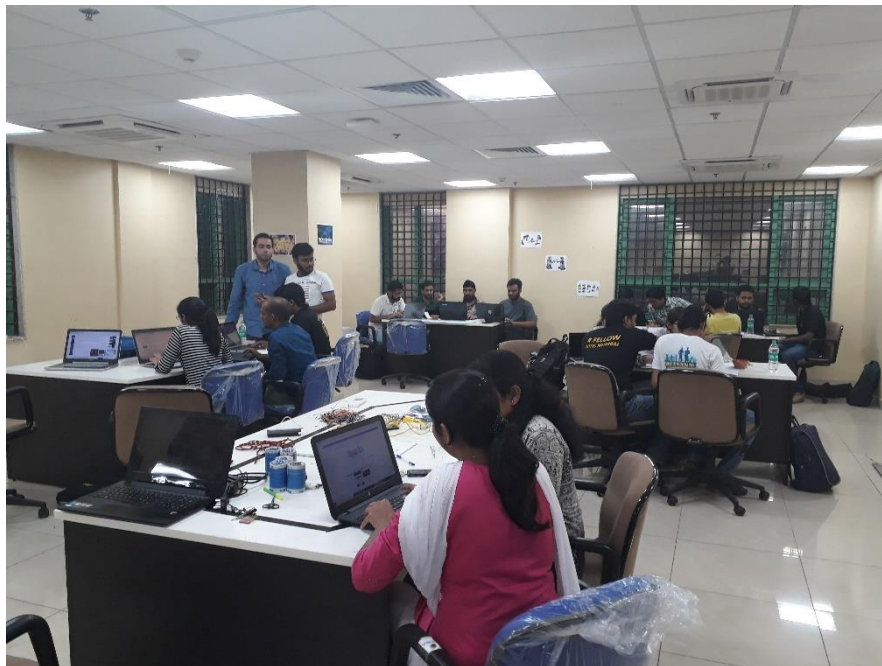
## REPORT ON HACKATHON ON LAB AUTOMATION UNDER MIND TO MARKET CENTRE

The hackathon on lab automation was conducted under Mind To Market centre on 24<sup>th</sup> February 9.30 PM to 25<sup>th</sup> February 3.00 AM, 2018. In all 25 students registered and 18 were present. Students were divided into 4 groups. Each group is given a problem statement.

Following are the names of the problem statement.

1. To design a security system which will allow authorised access to a door.
2. Lab automation for switching light and fans automatically.
3. Remotely operated home automation using a smartphone
4. Automatic water tank filling system

For exploring the topic each group was given 30 mins time for finding the application and component required. Each group leader explained their ideas about how they are going to proceed. Components were provided to all the groups and 4 hours' time was given.



Projects were executed successfully, and the team explained the process through a 5 min presentation. Around 3:00 AM hackathon was concluded.

