USHA MITTAL INSTITUTE OF TECHNOLOGY
SNDT Women's University, Mumbai

A REPORT ON
PROJECT EXHIBITION
2018-19
Organised by
CST Department

DETAILS OF EVENT

Date of Event: 5/04/2019

Time: 09:00 am to 05:00 pm

Venue: **Computer lab GCC 1,GCC 2,GCC 3,GCC 4 and Research lab, Usha Mittal Institute of Technology, SNDT University**

Number of Project Show Cased: 33

Number of Students participated: 59

Jury Members who Evaluated the Projects: 03

DETAILS OF JURY MEMBERS:

1) **Dr. Urja Vora (Joint Director, Department of Software Technologies, CDAC)**
2) **Mukund Sathe**
3) **Jayant Dani (Principal Consultant,TCS)**

OBJECTIVE OF THIS EXHIBITION

PROJECT EXHIBITION was organized by the Department of Computer Science and Technology on 5th of April, 2019. Final year students participated in this exhibition.

The main objective of this exhibition was to provide a platform to the students to showcase their innovative projects, ideas developed in the Final year either as Industry Defined Problem or User Defined Problem.

.

LIST OF PROJECT TOPICS

SERIAL NO	PROJECT TITLE
1	Cost effective optical mark recognition
2	Mobile Application testing framework
3	Genetic Neural Network based data mining in prediction of heart disease using risk factor
4	Geofencing: A platform or an application based on Geopush notifications, User targeting and personalization
5	Achieving flatness using honeywords generation algorithm
6	Mobile based voting application
7	Developing new authentication system based on blockchain technology
8	Android application for displaying results, uploading study materials and creating attendance manager for students
9	Designing and implementing a result reporting tool using ETL process
10	Integrated GPS Applications
11	Student's monitoring system in lab
12	Personality prediction system through CV analysis using machine learning algorithm
13	Prediction of building age using machine learning
14	Mangrove forest analysis using machine learning and GIS
15	UMINet- Academics Website

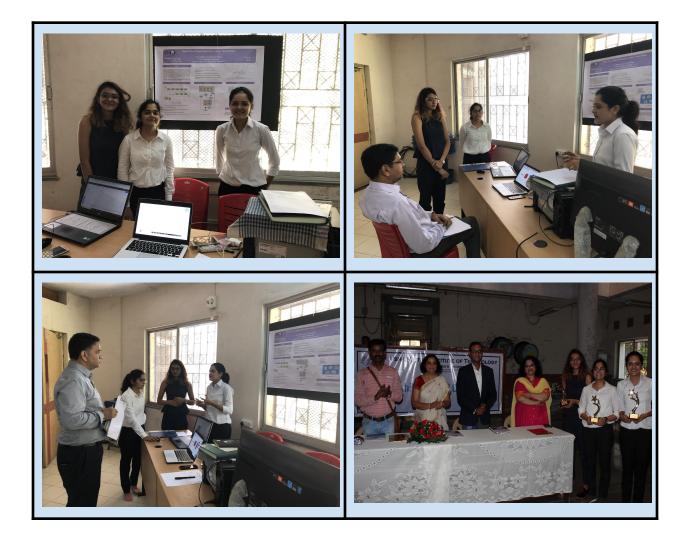| 16	Real-time object detection using tensor flow
17	Educational data mining-predicting choice of higher studies for students and improving the academic system
18	Machine learning based prediction model using information theory based indices for remote sensing data
19	Social networking website for college
20	QR Bus pass booking Application
21	Augmented reality implementation as reinforcement tool for educational purposes
22	Integrated GPS Applications
23	Chatter Bot in machine learning

1st Prize

Topic: Real-time object detection using tensor flow

" Implemented real-time object detection using tensorflow environment. The architecture to build the model is convolution neural network and datasets used are CIFAR-10 and PASCAL VOC"

Participants: Priyal Jawale, Hitiksha Patel ,Nivedita Rajput

2nd Prize

Topic: Mobile Application testing framework

"There has been a rise in the attacks on the security of data present in our Smartphones due to poor coding practices being adapted by the developers while building applications. Vulnerability and threat detection in mobile applications is becoming more crucial to avoid the theft of the sensitive information and security concerns. We propose an automated framework, MASS (Mobile Application Security Services) for security testing of Android applications using static analysis that adapts guidelines proposed by the OWASP categories and identifies various data related vulnerabilities present and suggests suitable countermeasure"

Participants:Maithili Shende,Sakshi Trivedi,Priyamvadhana Yalla

3rd prize

Topic: Geofencing: A platform or an application based on Geopush notifications, User targeting and personalization.

"Main objective was to develop an application based on geo-fencing and it is used to promote the government schemes to the citizens. The work mentioned in this paper focuses on building a framework to push notifications to the users in an identified geo-fence and also provide the interface for the government departments to define the geo-fence as well as the notifications to be sent to the user in the fences"

Participants: Harshada Nandvikar, Harsha Navalkar, Anisha Ratadia

SOME PHOTOS FROM THE EVENT

The outcome of the PROJECT EXHIBITION was that students were able to show their talents and ideas with Industry experts and get feedback. Also, this provided other students with encouragement to better their projects, ideas and innovate for their own projects in the coming years