

Department: Computer Engineering

Event heading: Innovex 2019

Date: 4th and 5th April, 2019

Section: Co-curricular Activities – Events – Technical – Innovex

Content:



INNOVEX-2019 REPORT

Final year Project Exhibition 'Innovex 2019' presented by the B.E. undergraduate students from all the four departments of Don Bosco Institute of Technology, Mumbai.

This exhibition was organized for the students to showcase their year long effort and help in encouraging open-ended discussions and deliberations for improving the scope of the project and also encourage the students to pitch their ideas & solutions in front of distinguished guests from the Industry, Academia and Alumni.

Computer Department Projects – 2018-19

1. Smart Agronic
2. Portunus: Access Control System Using Brain Computer Interface For Robust Biometric Authentication
3. Exo - Drive Exoplanet - Deep Neural Network For Ramification And Identification Of Viable Exo Signal
4. Multi-Object Sensing System For Monitoring Elderly People Being Aided In Home Environment
5. Ambient Intelligence Using Smart Mirror
6. EGBV: E-Governance Block Voting
7. Agrovita Using Blockchain
8. Campus Traffic Reinforcement
9. Early Detection Of Parkinson's Disease By Applying Supervised Learning
10. BEST : Bus Estimation and Tracking using GIS and Data Mining
11. Mobile Device Verification And Reporting System For Prohibited Region
12. Removal Of Web App Vulnerabilities Using Taint Analyzer And Code Corrector
13. Worker Crowdsourcing
14. Cost Optimized Map For Multi-Modal Routes
15. Smart Surveillance Software For Photovoltaic Modules Monitoring System
16. Key Frame Selection For Facial Recognition In Surveillance Videos
17. Resource Efficient Approach For Distributed ML Training Over A Cluster
18. Ocular Profile - Information Retrieval System
19. Self Defense Using VR
20. Diabetic Retinopathy Scanning(DRS)
21. Alerting The Drowsy Driver Using Combined System Of EEG Headset And IR Camera
22. Parainfia
23. Study Analysis Using Machine Learning
24. DocSum : Get 2 The Point
25. Emotionly: Emotion detection and text prediction
26. Abnormality Detection In Mammograms Using AI

27. Human Heart Disease Prediction Using Data Mining
 28. Tweet Analysis For Productive Marketing Using Machine Learning

WINNERS OF INNOVEX 2018-19 CONTEST

Rank 1:

PROJECT GUIDE: DR. DR. PHIROJ SHAIKH	
PRINCELEY DSOUZA	SMART SURVEILLANCE SOFTWARE FOR PHOTOVOLTAIC MODULES MONITORING SYSTEM
AMEY GORDE	
GIPSON NADAR	

Rank 2:

PROJECT GUIDE: DR. AMIYA KUMAR TRIPATHY	
AARISH IYER	RESOURCE EFFICIENT APPROACH FOR DISTRIBUTED ML TRAINING OVER A CLUSTER
HARAMRIT SINGH KHURANA	
IVAN MARIA	

Rank 3 :

PROJECT GUIDE: MS. NILAKSHI JOSHI	
CHAITANYA PRADHAN	MOBILE DEVICE VERIFICATION AND REPORTING SYSTEM FOR PROHIBITED REGION
SONALI VAIDYA	

Name of the Judges:

1. Mr. Atul Gandre (TCS)
2. Dr. Sangita Zope (Ramrao Adik Institute of Technology)
3. Dr. Sharmila Gaikwad (Rajiv Gandhi Institute of Technology)
4. Ms. Deepika Jain (Associate Tech Lead, Zycus Infotech)



