



**Bharatiya Vidya Bhavans'**  
**Sardar Patel Institute of Technology**  
Munshi Nagar, Andheri(W), Mumbai-400058  
(Autonomous College Affiliated to University of Mumbai)

**Research And Development Committee**

**Technical Paper Presentation 2018-19**

**Department of Information Technology**

The Research and Development Committee organized a Technical Paper Presentation Competition on 12<sup>th</sup> April 2019. For this competition, 24 groups had participated. The list of the papers submitted by Information Technology students are given below.

**List of Research Papers**

<b>Gr. No.</b>	<b>Title of the Paper</b>
1	Self-Employment Opportunities Search using Web Crawling
2	Educonnect: Digitized education using web technology
3	Storage and availability aware fragment placement for P2P storage network.
4	Peer assisted Parallel Downloading System
5	Predicting surface air temperature using convolutional LSTMs
6	Storage and Availability Aware Fragment Placement for P2P storage systems
7	Indoor Object Tracking using Wi-Fi Access Points
8	A Smart Toll Collection System based on Vehicle Classification
9	Sign Language Interpretation and Conversion
10	Smart Virtual Fitting Room
11	Smart Surveillance System for Detection of Suspicious Behaviour using Machine Learning
12	Dynamic load balancing in Software Defined Networks using Machine Learning
13	Smart Ambulance
14	Enhancement in Security of Android Devices using malware prediction with Machine Learning



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15	Early Detection of Hemiplegia by Analysing the Gait Characteristics & Walking Patterns using CNNs
16	A self Driving Car Implementation using Computer Vision for Detection and Navigation
17	An automated Real time News Video Generator
18	A Novel Approach to Securing and Summarizing legal documents using block chain and multi agent transform
19	Realtime environment Description Application for visually challenged people
20	Impact of Twitter Data & News Articles on Stock Market
21	Artificial Intelligence Based Recruiting System
22	A Hybrid Solution to Abstractive Multi-Document Summarization
23	Question Categorization according to cognitive level in Bloom's Taxonomy
24	A Novel Approach to Data Visualization by Supporting Ad-hoc Query & Predictive Analysis

Prof. Nikahat Mulla  
R&D Student Coordinator