



BHARATIYA VIDYA BHAVAN'S  
**SARDAR PATEL INSTITUTE OF TECHNOLOGY**

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Information Technology Department

**Technical Papers Presentation 2017-2018**

The Research and Development Committee organized a Technical Paper Presentation Competition on 17<sup>th</sup> May 2018. For this competition 24 groups participated. The list of the papers submitted by Information Technology students are given below.

**List:**

<b>Sr. No.</b>	<b>Title of the Paper</b>
1	Smart Home Systems
2	Darwin: Personal Health Assistant
3	Heart disease prediction system using machine learning
4	Processing Retinal Images to Discover Diseases
5	Peer to Peer Data Distribution using Blockchain
6	Unify Resources: A supply chain system implemented using blockchain
7	Diagnosis of skin diseases using convolution neural network
8	Live Virtual Machine Migration Using Cloudlet
9	A Research Effort to Digitize and carry out knowledge discovery on Medical Records
10	Feedback Analysis through Social Media using Data Mining
11	Detection of Rice Planthopper by using Decision Tree Algorithm
12	Kodiak: Intelligent Gesture Recognition
13	Secured DHCP
14	Augmented reality application to implement visual and interactive teaching method
15	Agent GPY
16	Mapping Urban Ecosystem Services using Synthetic Aperture Radar (SAR) images from Satellite Data
17	Book Recommendation using Hybrid Model
18	Mitra - The Bot Counselor
19	Expert System for Early Diagnosis of Vitamins and Minerals Dificiency
20	GlobeTrotter: An Optimal Travel Sequence generator
21	Progressive duplicate detection
22	Auto-captioning (subtitle generation)
23	Geographical area mapping and classification
24	Personality prediction using psychometric and CV analysis

Prof. Sheetal Chaudhari  
R&D Student Coordinator