



**Department of Computer Engineering**

**A.Y. 2017-2018**

**List of Projects Undertaken by B.E. Students**

1. Identifying Potential Cyber bullying Tweets Using a Hybrid Approach in Sentiment Analysis
2. Trend Analysis for Bio-Diversity Detection in Mountain areas.
3. Weather and flood prediction using DM
4. Self Driving Car in a Simulated Environment
5. Automated Surveillance System for Hotels
6. Data Integration for Finding Inferences in Financial Applications
7. Design and Implementation of Neuromuscular Stimulation to Bypass Nerves System
8. Self Driving Remote controlled car using Raspberry-Pi
9. Smart Meter Data Compression and Pattern Extraction
10. Oculus- Vision for blind
11. Lightweight Authentication and Encryption mechanism for Low Power and Lossy Networks
12. Learning to classify imbalance data streams with concept drift
13. Learning to classify imbalanced data streams for binary classification
14. Multiclass classification for imbalanced data streams
15. FOREX.
16. Risk Calculation Model for heart rate monitoring and prediction
17. Risk calculation for categorizing the genuinity of a medical professional
18. SmartTrainer: A virtual guide for exercises.
19. Prediction of Personality based on handwriting
20. Automated essay generation
21. Context based question answering using deep learning
22. Automatic Detection of Fake News



23. Human Understanding Analyzer
24. Lifestyle Based Disease Prediction
25. Real Time Traffic Signal Scheduling Using Traffic Density
26. Prediction of Insurance Policies
27. Real Time Disaster Detection Using Social Media
28. Review Generation of video clips for children
29. 3D visualization and colorization of MRI
30. Attention monitoring system
31. Dermatological disease detection
32. Game Automation by Reinforcement Learning
33. Safe Driving System
34. Playing Atari Game using Deep reinforcement learning.
35. Multiclass emotion analysis
36. Calamity evacuation using social n/w
37. Movie Genre Classification using posters
38. End to end sentence level lip reading
39. Calorie Estimation From Fast Food Images
40. Resource Allocation System for a Multi-VM Based Cloud
41. Hybrid Conversation Model Using Reinforcement Learning
42. Secure QR code based Authentication
43. Automated Answering Evaluation for Subjective Examination.
44. Generating Photo realistic images from text using deep learning
45. Use of augmented reality in educational applications



Shri Vile Parle Kelavani Mandal's

**DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



46. Classification of Alzheimer's Disease Structural MRI Data using Deep Learning Convolutional Neural Network(CNN)
47. Malware signature generation using taint graphs
48. Audio recording and data mining to detect anthropogenic disasters and to increase response time
49. Personalized travel sequence recommendation on multi source big social media

