Department of Computer Engineering

A.Y. 2020-2021

List of Projects Undertaken by B.E. Students

1. Knowledge extraction from transcript of video.

2. Successive Image and Text Generation from a Sentence

3. Personal Research Assistant (PRA) Product

4. Detection of Early Onset of Cognitive Impairment Diseases through Handwriting Analysis

5. Supply Chain Management

6. Financial statement Information Extraction

7. Multi-Agent Reinforcement Learning

8. Smart Prosthetics

9. Simulating Virtual Ecosystem

10. All-In-One Pentesting tool

11. Facial sketch generation for suspect identification

12. FACIAL INPAINTING AND RECOGNITION

13. ResQ'Smart Safety Band

14. Analysis of Aquatic Quality And Marine Life Sustainability

15. Fashion Image Classification, Segmentation, Search and Synthetic Image Augmentation

16. Natural Language to Sql

17. OcuBot - Image based Dialog for Visually Impaired

18. HANDWRITTEN TEXT RECOGNITION AND TEXT TO SPEECH CONVERSION SYSTEM BASED ON NN

19. Detection of gravitational wavesfrom Binary Black Hole merger and Binary Neutron Star mergerand parameter estimation using deep learning.

20. Multimedia Forgery Detection using Deep Learning

21. Park It! Smart Car parking System

22. Knowledge Tracing in Students' E-learning Process

23. BOL.IO: Synthesis and Recognition of Indian Sign Language from and to text/speech

24. Audiophile

25. Epidemic Outbreak Detection portal for Travellers

26. Xeyes: A hands-free computer navigation system

27. Video-Shorts

28. Landmark Recognition

29. Handwriting Cloning and Personality analysis

30. CAFE -Programming Language

31. Deep learning approach to detect Real world Anomalies in Surveillance videos.

32. E Voting Using Blockchain Technology

33. Hidden Recipes Inside your Fridge

34. Computer Vision Based Fire Detection with Video Alert System

35. Origami - Speech audio to Face Image

36. Touchless interfaces using deep learning and depth-sensing cameras

37. AUTOMATIC CARICATURE GENERATION

38. GARDUINO (Smart-Gardening using IoT)

39. EEG-based Biometric Authentication System Using Deep Learning

40. Model for Classification and prediction of Cardiovascular disease using Machine Learning

41. HealthDesk