Department of Computer Engineering

A.Y. 2019-2020

List of Projects Undertaken by B.E. Students

1. Neural Story Generation

2. Shop and Go: An Innovative approach towards shopping using Deep Learning and Computer Vision

3. Alpha Hand Cricket

4. EyeRis- A virtual eye to aid the visually impaired

5. DOPAMINE: Music Generation Software

6. Document Summarization using Graph based Methodology

7. Air Quality Assessment usimg CCTV camera feed from Traffic signals

8. Automating the generation of ICD codes from medical records

9. Image Based Handwritten Equation Evaluation

10. Sub-playlist creation based on mood using Facial Recognition

11. Essay Grading System

12. Indian Sign Language interpretation and sentence formation

13. Image Captioninhg and Refinement for Intelligent Tutoring Systems

14. Safety of two wheeler riders using helmet detection

15. Validity and Integrity check in supply chain management using Blockchain

16. Intelligent Computing Approach to Optimise Restaurant Search in a Discrete Feature Space

17. Image Modification using text with GANs

18. Sketch to Image Translation using cycle GAN

19. Audio Tagging for Emotion Detection

20. Financial Portfolio Management

21. Depression Detection from smart phone usage using Machine Learning

22. Home Security System

23. Seedling: A gamified approach to plant education for children

24. Meeting Transcription and Summarisation using diarisation

25. Video Analysis with Captioning and Summarisation

26. American Sign Language Interpretation and Text Formulation

27. Homomorphic solution for securing applications

28. Texture Synthesis and Style Transfer for Aesthetic Design Creation

29. Medical Image Synthesis using GANs

30. Vehicle Damage Detection

31. English Language Accent Classification and Coversion using Machine Learning

32. Digitalised Land records using BlockChain

33. Automatic Colorization of Grayscale videos usin Deep Learning

34. Seizure Predictions Using Intracanial Recordings

35. Predictive Model to determine Life Expectancy post Surgery

36. Billboard Rate Evaluator

37. Blood analysis using Image Processing and Machine Learning

38. Waste Segregation using Image Processing

39. Fewshot Meta Learning for Mobility Applications