

Offered Projects for B.Tech

Autumn Semester - 2020

Sl No	Project Title	Guide Name
1	Modulation classification and radio signal detection using generative models.	Prof. N. Sarma
2	Traffic Engineering in Named Data Networking (NDN)	Prof. N. Sarma
3	Image processing	Dr. S. Patra
4	Active learning	Dr. S. Patra
5	Text correction tool that employs various heuristics to improve the linguistic quality of a given input text.	Prof. U. Sharma
6	Speech transcription (dictation) system.	Prof. U. Sharma
7	Multimedia content annotation (idea conceived by Dipankar Acharyya, CSB17017)	Prof. U. Sharma
8	Machine learning approach for cognitive radio	Mrs. M. Devi
9	Mutations in Covid-19 Genome	Dr. S. S. Satapathy
10	Geometric Machine learning	Dr. A. Karmakar
11	Geometric modeling for computer Vision	Dr. A. Karmakar
12	Combinatorial optimization algorithms	Dr. A. Karmakar
13	Visual recognition/Perception for Autonomous Driving	Dr. A. Karmakar
14	keyword detection in spontaneous speech.	Dr. S. Nath
15	Computer Vision Project	Dr. S. Kalita
16	Reinforcement learning application	Dr. S. Kalita
17	Image analysis in medical images	Dr. R. Sarmah
18	Machine learning in cancer biomarker identification	Dr. R. Sarmah
19	A blockchain based e-com android app	Dr. D. Boro
20	An automated phone number dialling android app with location tracking	Dr. D. Boro
21	Image reconstruction	Mr. L. B. Singh
22	Image denoising	Mr. L. B. Singh
23	Image segmentation	Mr. L. B. Singh
24	Object detection	Mr. L. B. Singh
25	Genomic feature prediction using machine learning approach	Dr. S. S. Satapathy

* Note: Students are asked to send their preferences in the given format.