Offered Projects for M.Tech

Autumn Semester 2020

Sl No	Project Title	Guide Name
1	IoT for Smart Healthcare network	Dr. N. Medhi
2	SDN for IoT network traffic management	Dr. N. Medhi
3	Matching theory based approach for spectrum sharing in cognitive radio networks	Prof. N. Sarma
4	Security protocol for Named Data Networking	Prof. N. Sarma
5	Feature Selection	Dr. S. Patra
6	Medical image processing	Dr. S. Patra
7	Referrent identification- From a given text identify all the referents and their relationships.	Prof. U. Sharma
8	Computational syntax for an NE Indian language.	Prof. U. Sharma
9	Computational representation of information extracted from texts.	Prof. U. Sharma
10	General purpose personal assistant (idea conceived by Shravan Kr Singh CSI19017).	Prof. U. Sharma
11	Malware Detection using Machine Learning approach	Prof. D. K. Bhattacharyya
12	Distributed Feature Selection	Prof. D. K. Bhattacharyya
13	Web server development for Effective Gene Expression analysis.	Prof. D. K. Bhattacharyya
14	Network construction and analysis for hubgene centric biomarkers identification.	Prof. D. K. Bhattacharyya
15	5G communication with cognitive radio network	Mrs. M. Devi
16	Symmetry in Genetic code table	Dr. S. S. Satapathy
17	Geometric Machine learning	Dr. A. Karmakar
18	Geometric modeling for computer Vision/automated driving	Dr. A. Karmakar
19	Combinatorial optimization algorithms	Dr. A. Karmakar
20	Headline generation from Assamese news bulletin.	Dr. S. Nath
21	Computer Vision using Reinforcement learning	Dr. S. Kalita
22	Image analysis in medical images	Dr. R. Sarmah
23	Machine learning in cancer biomarker identification	Dr. R. Sarmah
24	Predictive analysis on blockchain encrypted using ML	Dr. D. Boro
25	Storing encrypted images in blockchain ecosystem	Dr. D. Boro
26	spam detection using Deep Learning	Mr. L. B. Singh
27	GAIT/Gesture recognition	Prof. S. Saharia
28	Image segmentation and recognition	Prof. S. Saharia
29	Privacy preserving audit for dynamic cloud data	Prof. D. K. Saikia
30	Educational Data Mining using Deep learning	Dr. S. I. Singh
31	Resource allocation in wireless powered IoT Networks	Dr. S. K. Deka
32	Deep Learning based wireless resource allocation	Dr. S. K. Deka
33	Diameter based lightweight access protocol for IP multimedia system (IMS) networks	Dr. S. K. Deka

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