Projects offered for MCA 5th Semester, Autumn 2018

Sl No	Guide Name	Project Title
1	Dr. Siddhartha S. Satapathy	Development of genome annotation web portal using Python
2	Dr. Bhabesh Nath	Web interface for using SQL command, using MySql and Php.
3	Dr. Bhabesh Nath	Design and implementation of searchable telephone directory for Tezpur University.
4	Dr. Nabajyoti Medhi	A desktop based offline software which provides definition of any word from a document (pdf ,image ,pictures etc.)
5	Dr. Nabajyoti Medhi	Alexa or Google Assistance Based Smart Home Monitoring System.
6	Dr. Sanjib Deka	TU Examination system
7	Dr. Sanjib Deka	Android app for attendence in Classroom
8	Dr. Debojit Boro	A tool for flash crowd generator
9	Dr. Debojit Boro	A tool for low-rate (shrew) DDoS attack generator
10	Mrs. Monisha Devi	Orphanage helping system
11	Mrs. Monisha Devi	Network security
12	Prof. Dilip Kr Saikia	IoT for home applications
13	Dr. Arindam Karmakar	Algorithms and Applications
14	Dr. Swarnajyoti Patra	Deep learning for HSI classification
15	Dr. Sarat Saharia	Digital repository of dissertations of TU
16	Dr. Sarat Saharia	Gesture recognition using moment invariant
17	Dr. Rosy Sarmah	Medical image analysis
18	Dr. Rosy Sarmah	Application of computational biology in disease gene identification
19	Prof. Utpal Sharma	Implementation of information system from an ER model.
20	Prof. Utpal Sharma	Natural language query for a database.
21	Prof. Dhruba K. Bhattacharyya	Developing defense for Android Malware
22	Prof. Dhruba K. Bhattacharyya	Developing a tool to compare the gene-gene networks across the conditions of a given disease.
23	Prof. Dhruba K. Bhattacharyya	Big Data Analytics tool development using Py-CUDA or C-CUDA
24	Ms. Shobhanjana Kalita	Android based intelligent task manager
25	Ms. Shobhanjana Kalita	Automated photo tagging
26	Dr. Nazrul Hoque	Machine Learning
27	Dr. Swarnajyoti Patra	Building component tree for attribute filtering.
28	Dr. Swarnajyoti Patra	Object based image analysis.
29	Mrs. Sanghamitra Nath	Text-to-Speech system for Nalbaria dialect
30	Mrs. Sanghamitra Nath	Dialect translation system (Std. to Nalbaria)