Department of Computer Sc. & Engineering
Tezpur University
Offered Projects for Btech 7 Semester in Autumn 2023

Sl No	Project Title/Topic
1	Graph NN for Malware Defense
2	Customized Scrapy tool for Data Analytics
3	Motion based ASD detection
4	Tea leaf production analysis based on use of fertilizers.
5	Computational Geometry and image analysis
6	Geometric machine learning
7	Reinforcment Learning for image segmentation
8	Virtual reality system for science education
9	Resource allocation in SDN using machine learning
10	Plugin FS in Linux OS
11	Predicting poor compliance to psychotropics using machine learning approach.
12	Supervised ML approach to stratifying brain injuries from medical images
13	web based system for maintaining Placement Records (3 students)
14	Web based System for maintaining information about Academic projects carried in CSE Dept (2 Students)
15	Speech emotion recognition for Bodo
16	Image-based features for Speech/Music classification
17	Truth value prediction in crowd computing
18	Federated learning in Yoga pose recognition
19	Connecting Off-chain and On-chain computation using blockchain oracle
20	Blockchain based SDN
21	Image Filtering
22	Image Denoising
23	5G Usecase Implementation
24	Developing a Telemedicine Application
25	Polymerphism in SARS-CoV-2 Genome
26	Optimization in Genetic code table
27	Departmental Mentorship Management System Development
28	Pattern Recognition in digital images
29	Model-based Gait Recognition using Pose Estimation
30	Alumni Information System of Tezpur University
31	English-to-Assamese machine translation for restricted domain with continuous upscaling
32	Morphological annotation for a language of Northeast India
33	Feature extraction from holographic images
34	Reconstruction of images from holograms
35	Automated reviewer recommendation in academia
36	Scientific collaborator recommendation model based on heterogeneous network embedding
37	Handover Prediction and Optimization in 5G
38	Resource Allocation using Matching Theory

Link for submission of Choice:

https://docs.google.com/forms/d/e/1FAIpQLSczMs7QK_FnJeRZ2pEyvjIc_up4BoYSEZ-MuIq6Zhd3jZUK2Q/viewform?usp=sharing