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| **Project Title** | **PhD** | **Students** | **Publication** | **Other Information** |
| **Student** |
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|  |  | Kunal |  |
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|  |  |  | gmail.com |
| Quantum inspired fuzzy | Om | [Sudharsan](https://plus.google.com/u/1/116997243727242615664?prsrc=4) |  |  |
| based Neural Network | Prakash | [Kumar](https://plus.google.com/u/1/116997243727242615664?prsrc=4) | k.sudharsan1997@g |
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| Classification Problems | Neha |  |  |
|  | Bharill |  |  |
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| Cognitive Neural | Prakash | Balaji | ee140002025@iiti.ac |
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| Classification | Gautam | Lodha & | c.in |
|  |  | Sharang | & |
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| Speaker verification By | Chandan | Ramesh |  | ee140002025@iiti.ac |
| One-class Classification | Gautam | Balaji& | .in |
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| Medical Diagnosis | Chandan | Chaware |  | cse130001009@iiti.a |
| Expert System | Gautam | Ketan | c.in |
| (MEDEX) using One- |  | Uday |  |
| class Classification along |  | & | & |
| with Statistical |  | Vishwajeet |  |
| Algorithm |  | Singh | cse130001040@iiti.a |
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| Multi-task using One- | Chandan | Dhruv |  | cse130001010@iiti.a |
| class Classification | Gautam | Ahuja | c.in |
|  |  |  | Combine work under |
|  |  |  | supervision of Dr. |
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| Motif Mining of | Animesh | Vraj Shah |  | cse1200131@iiti.ac.i |
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| Active Learning of | Animesh | Kalyan |  | cse140001011@iiti.a |
| Software repositories | Chaturvedi | Garikapati | c.in |
|  |  | Juhi Naik | Presented poster based on AI minor project in the event |  |
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| based One-class |  | Vedaanta | cse140001038@iiti.a |
| Classification for Non- |  | Agarwalla, | c.in, |
| stationary Environment |  | and Ruchir | cse140001028@iiti.a |
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| Multilabel Classification | Vikas | Shivam |  | cse150001034@iiti.ac. |
| using Single Layer | Chauhan | Tayal, | in, |
| Feed forward Neural |  | Shreshta | ee150002034 @iiti.ac |
| Networks |  | Kumar | .in, |
| Multi-label classiﬁcation | Vikas | Sahaj |  | cse140001037@iiti.a |
| of genome data | Chauhan | Khandelwal, | c.in, |

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| using soft computing |  | Niranjan |  | cse140001031@iiti.a |
| Goyal | c.in |
| Multi-Label Classification | Vikas | Suyash |  | ee160002011@iiti.a |
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| Multi Strategy Differential Evolution for Multimodal Problems | Suchitra Agrawal | Ronak Bandwal, Sharath P, Sahej Ganeriwala |  | cse170001041@iiti.ac.in, cse170001033@iiti.ac.in, cse170001042@iiti.ac.in |
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| Scalable Machine Learning Algorithms for Handling huge Genome Data | Preeti Jha | Rapolu Pulakitha, Rushabh Sudam Kadam,Aditi Chauhan | 1. Preeti Jha, Aruna Tiwari, Neha Bharill, Milind Ratnaparkhe, Om Prakash Patel, Aditi Chauhan, Namani Sreeharsh, Rapolu Pulakitha, and Sawarkar Saloni, [**Scalable Feature Extraction and Fuzzy Clustering for Large RNAseq Analysis on High-Performance Computing**](https://iiti.ac.in/people/~artiwari/conf.html), IEEE Symposium Series On Computational Intelligence 2022, December 4-7, Singapore2. Preeti Jha, Aruna Tiwari, Neha Bharill, Milind Ratnaparkhe, Om Prakash Patel, Rapolu Pulakitha, and Aditi Chauhan, [**High-Performance Computing based Scalable Online Fuzzy Clustering Algorithms for Big Data**](https://iiti.ac.in/people/~artiwari/conf.html), IEEE Symposium Series On Computational Intelligence 2022, December 4-7, Singapore | cse180001041@iiti.ac.in, cse180001045@iiti. ac.in,cse180001003@iiti. ac.in |
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| Multimodal optimization for multiobjective problem | Suchitra Agrawal | Bhaskar, Prashant Kumar Rajak |  | cse180001012@iiti.ac.in, cse180001037@iiti.ac.in |
| Deep Learning for video prediction | Rituraj | Shravya Ramasahaya m, Jagruthi Patibandla |  | cse170001052@iiti. ac.in, cse170001021@iiti.ac.in |
| Deep Learning through Generative Adversarial Neural Networks (Single Channel) | Rituraj | Jay Bangar, Aditi Garg, Y Sai Aravind |  | cse180001022@iiti.ac.in, cse180001002@iiti. ac.incse180001063@iiti.ac.in |
| Design of CNN for Multi-Class Classification of Videos and Images | Rituraj | Naman Jain, Vinesh Katewa, Roopraj B.S. |  | cse180001031@iiti.ac.in, cse180001061@iiti. ac.in,cse180001043@iiti. ac.in |
| Scalable Kernelized Fuzzy Clustering based Deep Neural Network for Huge Genome Data | Preeti Jha | Deepali SukhijaDeepika SukhijaAnjali Gupta |  | cse190001009cse190001010cse190001004 |
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| Anomaly detection in Video uisng GAN | Rituraj | Anikeit SethiKrishanu SainiSai Mounika |  | cse190001003cse190001029cse190001036 |
| Landslide detection | Rituraj | ArastuDeepkamal Singh |  | cse190001006cse190001011 |
| An Alignment-Free Scalable Feature Extraction Method for Genomic Data Clustering | Rajesh Dwivedi | Saurabh Kumar Singh, Ayush Sinha, Prashant Kumar |  | cse200001071cse200001012cse200001062 |
| Investigation of unique number of clusters with suitable initial centroids using Density approach for K-means | Preet Jha | Padamata kanishka sai, Allu Mrudula  |  | cse200001058cse200001002 |
| Integrated Motion-Appearance Generative Adversarial Network for Video Anomaly Detection | Rituraj | Mitika Bhadada,Hritika |  | cse200001046cse200001029 |
| Style Augmentation with Dynamic Adaptive Normalization based Generative Adversarial Network with dual-stream transfer for Image-to-Image Translation. | Rituraj | Kanchi Pardhi, Neha  |  | cse200001032cse200001051 |
| Scalable SoyNet DNN: A Unified Approach for Soybean Disease Identification through Scalable K-means and Convolutional Neural Network | Preet Jha | Nelavalli Sri Nikhitha, Koneti Anuhya, Kothuru Sharvani  |  | cse200001052cse200001037cse200001038 |
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