## **Batch-2020**

| ŝr. No | Roll No.   | Name of<br>Students    | Guide Name             | Dissertation Title   |
|--------|------------|------------------------|------------------------|--|
| 1      | 20mtcsnt01 | Aabid Fayaz            | Dr. Amandeep<br>Kaur   | Plant Disease Detection and<br>Classification Using Deep Learning                                      |
| 2      | 20mtcsnt02 | Aadil Ahmad<br>Dar     | Dr. Parvinder Singh    | Deep Learning Based Approach For Brain<br>Tumor Detection And Classification From<br>MRI Images        |
| 3      | 20mtcsnt03 | Naveen<br>Kumar Mahaur | Er. S.S. Khurana       | OPTIMIZED RSI BASED ALGORITHMIC<br>TRADING STRATEGIES  |
| 4      | 20mtcsnt04 | Nikhil Maurya          | Er. S.S. Khurana       | AN APPROACH TOWARDS WRITER IDENTIFICATION ON THE DEVANAGARI SCRIPT                                     |
| 5      | 20mtcsnt05 | Rayees<br>Ahmad Laway  | Er. S.S. Khurana       | Handwritten Urdu Signature Verification  |
| 6      | 20mtcsnt07 | Aarif Ramzan           | Dr. Amandeep<br>Kaur   | Sentiment Analysis using machine learning (knn and navie Bayes model)                                  |
| 7      | 20mtcsnt08 | Sameer<br>Ahmad Bhat   | Er. S.S. Khurana       | Disease Detection in Walnut Leaves<br>Using Deep Convolutional Neural<br>Network                       |
| 8      | 20mtcsnt10 | Arsh Kumar             | Er. S.S. Khurana       | OPTIMIZED MACD BASED ALGORITHMIC TRADING STRATEGIES  |
| 9      | 20mtcsnt12 | Mohsin<br>Ahmad Sheikh | Er. S.S. Khurana       | Sparse Quantized Initialization: A Novel Approach to Initialize Weights in Neural Networks             |
| 10     | 20mtcsnt13 | Shalini Singh          | Dr. Satwinder<br>Singh | Effective Analysis of Chatbot Framework:<br>Rasa and Dialogflow  |
| 11     | 20mtcsnt14 | Nancy Mittal           | Er. S.S. Khurana       | A DEEP LEARNING- BASED APPROACH<br>TO VERIFY PUNJABI SIGNATURE   |
| 12     | 20mtcsnt16 | Mariya<br>Hassan       | Dr. Parvinder Singh    | A Comparative Analysis of Classical and<br>Quantum Machine Learning Models for<br>Sentimental Analysis |
| 13     | 20mtcsnt17 | Malik Muzamil<br>Ishaq | Dr. Amandeep<br>Kaur   | Automatic Ear Biometrics Using<br>Emerging CNN Models  |
| 14     | 20mtcsnt11 | Irfan Hamid            | Dr. Parvinder Singh    | Development of an Automatic Writer Identification System   |

| 15 | 20mtcsnt18 | Tabasum<br>Rafiq      | Dr. Amandeep<br>Kaur   | Video Captioning Using Deep Learning   |
|----|------------|-----------------------|------------------------|--|
| 16 | 20mtcsnt15 | Rameez Raja           | Dr. Parvinder Singh    | VEHICLE DETECTION AND RECOGNITION USING METHODS OF DEEP LEARNING AND COMPUTER VISION                                 |
| 17 | 20mtcysc01 | Amir Hussain          | Dr. Satwinder<br>Singh | A Study on the Relationship between Design and Architecture Smells   |
| 18 | 20mtcysc02 | Angana Das            | Er. S.S. Khurana       | IDENTIFICATION OF PROXY TRAFFIC USING MACHINE LEARNING   |
| 19 | 20mtcysc03 | Anshika<br>Sharma     | Dr. Amandeep<br>Kaur   | Wood Texture Analysis Using Deep<br>Learning   |
| 20 | 20mtcysc04 | Aquib Azhar           | Dr. Satwinder<br>Singh | Face Mask Detection System using deep neural network-based face detector and MobileNetV2.                            |
| 21 | 20mtcysc05 | Gazy Abbas            | Dr. Parvinder Singh    | Machine Learning Techniques for the Classification of VPN & NON-VPN Traffic Using Temporal Features                  |
| 22 | 20mtcysc06 | Hari Mohan<br>Dixit   | Dr. Satwinder<br>Singh | EFFECTIVENESS OF COVID 19<br>VACCINATION AND ITS SYMPTOMS  |
| 23 | 20mtcysc07 | Zubair<br>Mushtaq Dar | Dr. Amandeep<br>Kaur   | Apple quality prediction using<br>Convolution Neural Network   |
| 24 | 20mtcysc08 | Md Majid<br>Reza      | Dr. Satwinder<br>Singh | Comparison of Public and Critic's Opinion<br>About Taliban Government Over<br>Afghanistan Through Sentiment Analysis |
| 25 | 20mtcysc09 | Samar Ansh            | Dr. Satwinder<br>Singh | ANALYZE DARK WEB AND SECURITY THREATS  |
| 26 | 20mtcysc10 | Sasmit De             | Er. S.S. Khurana       | S2RF-BD: A BENCHMARK DATASET<br>CONSISTING OF SSRF MALICIOUS URL   |
| 27 | 20mtcysc11 | Seyed<br>Muzafar      | Dr. Satwinder<br>Singh | Hate and Offensive speech detection in<br>Twitter data using Natural Language<br>Processing                          |
| 28 | 20mtcysc13 | Rameez Raja           | Parvinder Singh        | Fake News Detection Using Ensemble Machine Learning Techniques   |
| 29 | 20mtcysc14 | Mohd Asif             | Dr. Amandeep<br>Kaur   | Sign Language Recognition System For Deaf And Dumb People  |

| 30 | 20mtcysc17 | Md Mansoor<br>Safder Khan | Dr. Parvinder Singh    | Detection of Prostate Cancer using Deep<br>Learning from MRI Images                   |
|----|------------|---------------------------|------------------------|---|
| 31 | 20mtcysc19 | Asadullah                 | Dr. Satwinder<br>Singh | Phishing Website Detection Using URLs Features  |
| 32 | 20mtcysc20 | Simran Gull               | Dr. Parvinder Singh    | Disease Detection in Peach Plants Based<br>on Images of Leaves Using Deep<br>Learning |
| 33 | 20mtcysc18 | Swati                     | Dr. Amandeep<br>Kaur   | Wood texture analysis using Android Studio  |