

This document contains lists of thesis done by Masters students at NCIT!!

I am still updating the list so please go thru the contents as listed below, I will be posting the updated list from time to time

-Saroj Shakya

Name: Ishwor Prasad Chalise

Roll: 2017-1-39-0009

Thesis Title: Detection of Wireless Sensor Network Anomalies by Hierarchical Clustering and C 5.0 Decision Tree

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Pradip Bhochhibhoya

Roll: 2017-1-46-0015

Thesis Title: An Empirical Analysis of Determining Consumer Trust in C2C E-Commerce

Supervisor: Prof Dr Purusottam Kharel

Name: Surya Raj Ghimire

Roll: 2017-1-46-0025

Thesis Title: Developing Domain Ontology for Herbal Medicine in Nepal

Supervisor: Dr Roshan Chitrakar

Name: Niraj Regmi

Roll: 2017-1-46-0012

Thesis Title: Forecasting Atmospheric PM2.5 Concentration in Kathmandu City using Time Series Model

Supervisor: Dr Roshan Chitrakar

Name: Sanam Dhakal

Roll: 2017-1-46-0022

Thesis Title: Analysis of Web Securities for Restful API over HTTP using Spring Boot OAuth2 Securities on Judicial Case System

Supervisor: Er Niranjan Khakurel

Name: Sapana Basukala

Roll: 2017-1-46-0046

Thesis Title: Impact of Facebook on Consumer Purchase Decision in Bhaktapur

Supervisor: Dr Purusottam Kharel

Name: Pramesh Gautam

Roll: 2018-1-23-0007

Thesis Title: Deep Learning based Magnetic Resonance Imaging and Ultrasonography Registration using Landmarks as Weak Labels

Supervisor: Dr Bishesh Khanal

Name: Jagat Man Mulguthi

Roll: 2018-1-39-0009

Thesis Title: Remaining Engine Life Prediction using CNN-GRU Network with the Study of Different Window Sizes

Supervisor: Dr Roshan Chitrakar

Name: Niraj Singh

Roll No: 182915

Thesis Title: Glaucoma Detection in Retinal Tomography using ViT

Supervisor: Dr Roshan Chitrakar

Name: Som Nath Adhikari

Roll: 2018-1-46-0024

Thesis Title: The Impact of Social Media in academic performance of Nepali Students Inside Kathmandu Valley: A Case study on Secondary Level Students

Supervisor: Er Niranjan Khakurel

Name: Shrawan Thakur

Roll: 2018-1-39-0026

Thesis Title: A Comparison and Enhancement of the Performance of Various Machine Learning Algorithms for Human Emotion Classification

Supervisor: Er Nirajan Khakurel

Name: Sumana Sharma Poudel

Roll No: 2019-1-29-0057

Thesis Title: Similarity Based Concept for Improving Customer Churn Prediction in Telecom Industry

Supervisor: Er Suresh Pokharel

Name: Chandra Prakash Bhatta

Roll No : 2017-1-39-0005

Thesis Title: Embryonic Image Enhancement Based on Genetic Algorithm with Ant Colony Optimization

Supervisor: Dr Sanjeeb P Panday

Name: Ranjan Khakurel

Roll: 2017-1-46-0041

Thesis Title: A Comparative Analysis on Customer Loyalty Prediction Using Data Mining Algorithms in Direct-To-Home Industry

Supervisor: Er Nirajan Khakurel

Name: Bidhanti Chaurasia

Roll: 2017-1-46-0002

Thesis Title: Strategy Framework Implementation of e-Governance in Irrigation Sector in Nepal

Supervisor: Prof Dr Purusottam Kharel

Name: Aruna Chhatkuli

Roll: 17390035

Thesis Title: Deoxyribonucleic Acid (DNA) Computing to Enhance Advanced Encryption Standards (AES)

Supervisor: Dr Roshan Chitrakar

Name: Atut Ghorkhali

Roll No: 2018-1-46-0004

Thesis Title: Extension of Business Analysis Guideline - BABOK V3 for the Nepalese Context

Supervisor: Prof Dr Purusottam Kharel

Name: Amit Chaulagain

Roll: 006-1-11-0020

Thesis Title: Image Classification using Capsule Network with Expectation Maximization Routing

Supervisor: Er Nirajan Khakurel

Name: Gopal Prasad Nyaupane

Roll: 2017-1-46-0007

Thesis Title: A Comparative Analysis of Customer Churn Prediction in Direct To Home Industry Using Data Mining Algorithms

Supervisor: Er Nirajan Khakurel

Name: Sanjeeb Mahato

Roll: 2016-1-46-0049

Thesis Title: Information and Communication Technology (ICT) Acceptance in Open and Distance Learning Environment using the UTAUT Model

Supervisor: Dr Dirgha Raj Joshi

Name: Sachin Shrestha

Roll: 2016-1-46-0047

Thesis Title: Transmission of IPv6 Jumbogram and its Performance Analysis

Supervisor: Er Kumar Pudashini

Name: Saujan Baniya

Roll No: 2017-1-46-0049

Thesis Title: Comparison of Various Architecture for Native Android App Development

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Prakash Khadka

Roll No: 2016-1-39-0015

Thesis Title: Cloud computing failure events management in virtualization system

Supervisor: Prof Dr Purusottam Kharel

Name: Bishal Paneru

Roll: 2016-1-46-0033

Thesis Title: Acceptance to Adopt Ride Hailing Applications using United Theory of Application and Use of Technology Model (UTATUT2)

Supervisor: Prof Dr Purusottam Kharel

Name: Yogesh Rajbanshi

Roll: 2016-1-46-0053

Thesis Title: Acceptance of Information & Communication Technologies in Government Schools using UTATU Model: Case Jhapa District

Supervisor: Prof Dr Purusottam Kharel

Name: Ashesh Man Joshi

Roll No: 2016-1-46-0032

Thesis Title: Student's Academic Performance Prediction Using XGBoost: A Case Study With Reference To Nepal

Supervisor: Prof Dr Purusottam Kharel

Name: Nirdosh Adhikari

Roll No: 2017-1-39-0012

Thesis Title: Enhancement in Data Security using AES Encryption and Multidirectional Pixel Value Differencing with LSB Steganography

Supervisor: Er Niranjana Khakurel

Name: Min Prasad Gharti

Roll No: 2017-1-39-0043

Thesis Title: Performance Analysis of V2X Services in 5G Millimeter Wave Communication

Supervisor: Prof Dr Shashihar Ram Joshi

Name: Anuj Ghimire

Roll: 2017-1-39-0003

Thesis Title: Improving Breast Cancer Classification using Linear Binary Pattern in Bit Plane Slicing and CNN

Supervisor: Dr Sanjeeb P Panday

Name: Bigyan Chapagain

Roll: 2018-1-23-0022

Thesis Title: Devanagiri Compound Character Recognition using Convolutional Neural Network

Supervisor: Dr Roshan Chitrakar

Name: Niranjana Kumar Das

Roll: 18460013

Thesis Title: Electronic Payment System In Nepal: A Study of Users' Acceptance.

Supervisor: Er Niranjana Khakurel

Name: Janardan Kuikel

Roll: 2016-1-23-0004

Thesis Title: Identifying Money Laundering Transactions using Random Forest, Support Vector Machine and K-Nearest Neighbour

Supervisor: Kumar Pudashine

Name: Dipesh Shah

Roll: 2016-1-46-0009

Thesis Title: Cyber Security Behaviour Analysis of Bank Employee

Supervisor: Kumar Pudashine

Name: Jenisha Bhattarai

Roll: 2017-1-46-0008

Thesis Title: Analysis of Postpartum Depression Among Urban Slum Women in Kathmandu, Nepal

Supervisor: Er Niranjana Khakurel

Name: Mukesh Shrestha

Roll: 15460041

Thesis Title: Analysis of Network Security Management in Financial Institution of Nepal

Supervisor: Dr Suresh Pokharel

Name: Suraksha Shrestha

Roll No: 15460055

Thesis Title: Consumer Perception towards Mobile Wallet in Nepal

Supervisor: Dr Sanjib P Panday

Name: Jitendra Babu Mahato

Roll No : 16814

Thesis Title: An Efficient Spam Filtering Technique or Email Account

Supervisor: Sanjiv Udash

Name: Alka Anny Jha

Roll No: 16932

Thesis Title: Smart Buildings Fire Detection System using Fuzzy Logic in Context of Nepal

Supervisor: Prof Dr Purusottam Kharel

Name: Indra Karki

Roll: 16813

Thesis Title: Night Time Image Enhancement Based on Image Decomposition

Supervisor: Prof Dr Purusottam Kharel

Name: Naw Raj Joshi

Roll: 182929

Thesis Title: Rainfall Prediction using K Means++ Clustering and GRU

Supervisor: Dr Roshan Chitrakar

Name: Ankit Bhattarai

Roll: 172933

Thesis Title: Convolution Neutral Network Approaches for Devanagari Handwritten Recognition

Supervisor: Dr Sanjeeb Prasad Panday

Name: Urgen Norbu Sherpa

Roll: 15460058

Thesis Title: Analysis of ZFS and XFS File System for Log Storage on Linux Server

Supervisor: Er Niranjana Khakurel

Name: Sushma Gautam

Roll No: 16951

Thesis Title: Corn Infection Classification Using Transfer Learning

Supervisor: Er Niranjana Khakurel

Name: Ankit Bhattarai

Roll: 172933

Thesis Title: Convolutional Neural Network Approaches for Devanagari Handwritten Recognition

Supervisor:

Name: Jitendra Kumar Yadav

Roll No: 172835

Thesis Title: Comparative Analysis of Regression Technique for predicting Air Quality Index (PM2.5) of Kathmandu.

Supervisor: Dr Arun Timalina

Name: Raj Kumar Paneru

Roll: 17390017

Thesis Title: Classification of Chest X-ray Image of Covid-19 using Auto-encoder based CNN

Supervisor: Dr Sanjeeb P Panday

Name: Satish Subedi

Roll: 17250011

Thesis Title: Covid-19 Outbreak Prediction Using Optimized Prophet Model

Supervisor: Dr Sanjeeb Prasad Panday

Name: Nirajan Panthee

Roll: 2017-1-23-0025

Thesis Title: Predict Congestion of the Road Network Based on Public Bus Speed

Supervisor: Er Niranjana Khakurel

Name: Rashmila Shrestha

Roll: 2017-1-23-0029

Thesis Title: Public Bus Arrival Time Prediction based on Deep Learning Algorithm

Supervisor: Er Niranjana Khakurel

Name: Bimal Man Shrestha

Roll: 2016-1-23-0002

Thesis Title: Intensify Cloud User Data Security using Data Centric Security Approach

Supervisor: Kumar Pudashini

Name: Sudarshan Guragain

Roll: 16916 Thesis Title: A

Detection of DDOS Attack Using Multi Model Ensemble Based Approach

Supervisor: Baburam Dawadi

Name: Suresh Basaula

Roll: 16918

Thesis Title: A Model for Nepali Text Document Summarization using Sentence Extraction with Unsupervised Latent Semantic Analysis

Supervisor: Pramod Parajuli

Name: Mrijan Shrestha

Roll No: 16460041

Thesis Title: Problem and Prospect of Public Bicycle Sharing System in Context of Nepal

Supervisor: Prof Dr Purusottam Kharel

Name: Amit Chapagain

Roll No:15531

Thesis Title: Intrusion Detection using MLP, Linear SVM, DT and NB Classification in SSH Environment

Supervisor: Dr Roshan Chitrakar

Name: Aarati Bastakoti

Roll No :2015-1-46-0022

Thesis Title: Nepalese IT Risk Assessment Comparative to the US Healthcare's EDI Protocols

Supervisor: Er Niranjana Khakurel

Name: Namraj Adhikari

Roll: 15844

Thesis Title: Effectiveness of ICT implementation on local government office of Nepal: evidence from Dhading

Supervisor: Dr Purusottam Kharel

Name: Pramesh Phuyal

Roll No: 15846

Thesis Title: Impact of Digital Library on the Education of Government School in Myagdi District

Supervisor: Dr Sanjeeb P Panday

Name: Sandesh Hamal

Roll No: 16821

Thesis Title: Predicting Student Success in Higher Education using Machine Learning

Supervisor: Prof Dr Purusottam Kharel

Name: Sushil Shrestha

Roll: 16829

Thesis Title: SMS Spam Detection using Ensemble Learning Technique

Supervisor: Er Niranjana Khakurel

Name: Rashik Tuladhar

Roll No: 2016-1-23-0007

Thesis Title: A Comparative Analysis on Different Classifiers on Fraud Detection Over Motor Insurance Policy Claim

Supervisor: Er Niranjana Khakurel

Name: Saurab Adhikari

Roll No: 17460053

Thesis Title: Twitter Sentiment Analysis using Machine Learning

Supervisor: Er Niranjana Khakurel

Name: Ramesh Chalise

Roll: 17460018

Thesis Title: Factors and Impact Study on Cart Abandonment of Nepalese E-Commerce

Supervisor: Er Niranjana Khakurel

Name: Jamir Maharjan

Roll No: 16522

Thesis Title: Medicare Fraud Detection using Deep Learning with Hyper-parameter Tuning

Supervisor: Dr Roshan Chitrakar

Name: Tank Prasad Ojha

Roll No: 16460052

Thesis Title: Online Payment Acceptance in Academia: Online Fee Payment

Supervisor: Prof Dr Purusottam Kharel

Name: Prakash Kafle

Roll No: 2017-1-23-0027

Thesis Title: Improving Nepali News Classification using Bidirectional Encoders Representation from Transformers

Supervisor: Dr Roshan Chitrakar

Name: Narayan Gharti Chhetri

Roll No: 16390045

Thesis Title: Image Classification Method Based on CNN with Adam Optimizer and Dimension Reduction

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Samip Ghimire

Roll: 182966

Thesis Title: Estimating lung volume capacity from X-ray images using Deep Learning

Supervisor: Dr Bishesh Khanal

Name: Kshitij Bajracharya

Roll: 16908

Thesis Title: Multiple Choice Question Generation by Cloze Translation

Supervisor: Dr Roshan Chitrakar

Name: Rajiv Bikram Shah

Roll No: 18460018

Thesis Title: Impact Of Online Education In Student's Learning In Nepal

Supervisor: Prof Dr Purusottam Kharel

Name: Sunita Kumari Bohara

Roll No: 15951

Thesis Title: Implementation of Analytic Hierarchy Process in Priority Based Cloud Scheduling with Artificial Neural Network

Supervisor: Prof Dr Purusottam Kharel

Name: Subhash Shah

Roll No: 15949

Thesis Title: Detection of Online Reviews Sentiment using Bi-LSTM and GloVe

Supervisor: Kumar Pudashine

Name: Bishal Gaurav Jha

Roll No: 15956

Thesis Title: Star Algorithm of Multiple Sequence Alignment Applying Local Alignment Technique by Using Map Reduce Technique

Supervisor: Dr Basanta Joshi

Name: Ajay Maharjan

Roll: 172901

Thesis Title: Anomaly Detection of BGP, Route Base on Fisher-Markov Selector and LSTM Deep Learning

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Ramesh Adhikari

Roll: 182980

Thesis Title: Performance Enhancement of Convolutional Neural Network with Hybrid and Cascade Method using GAN

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Ramesh Baral

Roll: 16944

Thesis Title: Fake Nepali Paper Currency Detection using CNN Algorithm

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Suman Chandra Bhandari

Roll No: 172555

Thesis Title: Case Disposal Time Prediction On Multilingual Nepali-English Dataset Using Classifier

Supervisor: Dr Roshan Chitrakar

Name: Sunita Maharjan

Roll No: 16950

Thesis Title: Deep Learning Approach on Sarcasm Detection Using Bidirectional Model of Recurrent Neural Network

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Jayshree Maharjan

Roll No: 16524

Thesis Title: Foreign Exchange Rates Forecasting using Phase Space Reconstruction and Extreme Learning Machines

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Sapana Thakulla

Roll: 172950

Thesis Title: Load Balancing Method in Cloud Computing using Nature Inspired BAT Algorithm for Task Scheduling

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Lal Kumar Thanet

Roll: 16841

Thesis Title: An Analysis of Consumer Attitude about Point of Sale Services in Supermarket

Supervisor: Er. Niranjan Khakurel

Name: Atul Pradhan

Roll: 16935

Thesis Title: A Scalable News Classification using Naïve Bayes and BERT

Supervisor: Dr Basanta Joshi

Name: Ramesh Baral

Roll: 16944

Thesis Title: Fake Nepali Paper Currency Detection using CNN Algorithm

Name: Subash Panday

Roll: 17390023

Thesis Title: Image Steganography Approach Based on Ant Colony Optimization with Triangular Chaotic Map

Name: Mohan Bhandari

Roll No: 1739011

Thesis Title: Performance Analysis of ADAM Optimization on Introducing Energy Index

Name: Nub Raj Regmi

Roll No: 17390015

Thesis Title: Qos Aware Routing With Signal Strength Based Link Prediction Model In Manet

Supervisor: Mr Kumar Pudashini

Name: Sukhachandra Thakur

Roll No: 16390048

Thesis Title: Deep Learning Models for Security of IoT Network

Supervisor: Prof Dr Shashihar Ram Joshi

Name: Gaurab Lamichhane

Roll: 2016-1-39-0030

Thesis Title: Automated Glaucoma detection with deep learning using rectified Adam optimizer

Supervisor: Dr Sanjeeb P Panday

Name: Pralhad Chapagain

Roll: 172509

Thesis Title: Intrusion Detection based on PCA with Improved K-means

Supervisor: Dr Arun Timalina

Name: Reeta Khadka

Roll: 16945

Thesis Title: Headline Generation From Nepali News Document Using LSTM Neural Network

Supervisor: Dr Arun Timalina

Name: Narendra Chaudhary

Roll No: 16921

Thesis Title: An Enhancement on Selectivity Estimation Using Kernel Density Model

Supervisor: Dr Pradip Paudyal

Name: Surendra Adhikari

Roll: 172923

Thesis Title: Comparative Agents' Segmentation of Online Payment Application using Multiple Clustering Algorithms

Supervisor: Dr Arun Timalina

Name: Ashok Sharma

Roll: 16952

Thesis Title: Fake News Detection : A Multi Class Text Classification Approach

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Sujit Kumar Gupta

Roll: 16827

Thesis Title: Strategic framework for the implementation of electronic education environment (EEE) in Nawalparasi District

Supervisor: Prof Dr Purusottam Kharel

Name: Aashish Kumar Sharma

Roll: 16920

Thesis Title: Performance Analysis of Convolutional Neural Network Applying Quantum Annealing

Supervisor: Dr Sanjib P Panday

Name: Pralhad Adhikari

Roll: 2016-1-39-0016

Thesis Title: Nepali News Classification Using LSTM-CNN Hybrid Model

Supervisor: Dr Arun Timalisina

Name: Aakarshan Maharjan

Roll: 16521

Thesis Title: Deep Learning Approach on Intrusion Detection System Using Bidirectional Model of Recurrent Neural Network

Supervisor: Dr. Roshan Chitrakar

Name: Apurwa Singh

Roll: 1725232

Thesis Title: Healthcare Vulnerability Mapping using K-Means++ Algorithm and Entropy Method

Supervisor: Dr. Roshan Koju

Name: Abhilash Poudel

Roll: 2016-1-39-0002

Thesis Title: Secret Image Sharing based on Shamir's Scheme with SVD as Shadow Words for Color Image

Supervisor: Dr. Roshan Chitrakar

Name: Gopal Dahal

Roll No:16907

Thesis Title: Passive System for Source Printer Classification Involving Cross-Font Document

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Dipak Kumar Shrestha

Roll No: 16808

Thesis Title: A Comparative Study of SVM, ANN, GA-SVM, PSO-SVM, GA-ANN and PSO-ANN for Bankruptcy Prediction

Supervisor: Prof Dr Purushottam Kharel

Name: Phul Babu Jha

Roll: 182504

Thesis Title: An Enhanced Knuth Morris Pratt Algorithm for String Search using Hash Function

Supervisor: Prof Dr Purushottam Kharel

Name of Research Candidate: Sarita Neupane

Roll No :

Thesis Title: Correlation Based feature Selection for Decision Tree Learning

Supervisor: Dr Roshan Chitrakar

Name of Research Candidate: Uday Kumar Yadav

Roll No : 15952

Thesis Title: Drug Target Interaction Prediction Using Deep Belief Network with Parallel Processing

Supervisor: Dr Basanta Joshi

Name of Research Candidate: Subash Bista

Roll No : 16528

Thesis Title: Long Short Term Memory With Layerwise Relevance Propagation for Sentiment Analysis

Supervisor: Dr Bal Krishna Bal

Name of Research Candidate: Anju Shah

Roll No : 15935

Thesis Title: Facial Expression Recognition using Inception Layer in Deep Neural Network

Supervisor: Dr Sanjib Panday

Emperical

Name of Research Candidate: Sachin Sapkota

Roll No : 11460011

Thesis Title: Analysis of Readiness of Young IT Graduates in Kathmandu Valley to Make Online Payments

Supervisor: Niranjana Khakurel

Image

Name of Research Candidate: Birendra Yadav

Roll No : 15906

Thesis Title: Minutiae Extraction of Fingerprint using Improved Median Filter

Supervisor: Dr Sanjib Panday

Name of Research Candidate: Kumar Lamichhane

Roll No : 15939

Thesis Title: Handwritten Devanagari Character Recognition using Capsule Network

Supervisor: Dr Sanjib P Panday

Name of Research Candidate: Santosh Giri

Roll No : 16957

Thesis Title: Image Classification Based on Convolution Neural Network using Transfer Learning

Supervisor: Dr Basanta Joshi

Network

Name of Research Candidate: Rabindra Shrestha

Roll No : 15390044

Thesis Title: Intrusion Detection System using Heuristics Clustering Vector Machine Classification

Supervisor: Dr Roshan Chitrakar

Name of Research Candidate: Manoj Gautam

Roll No : 14930

Thesis Title: Application Aware Route Optimization in Software Defined Network using Bandwidth and Latency

Supervisor: Kumar Pudashini

Name of Research Candidate: Anish Bhattarai

Roll No :15934

Thesis Title: Steganography for Secure Message Transmission using Modified Hash LSB Technique and Twofish Cryptographic Algorithm.

Supervisor: Dr Sanjib Panday

Data mining

Name of Research Candidate: Niroj Dyola

Roll No :14913

Thesis Title: Comparative Study of Customer Behaviour in Online Shop of Nepal using Different Data Mining Approaches

Supervisor: Prof Dr Shashidhar Ram Joshi

Name of Research Candidate: Ashok Chand

Roll No : 14531

Thesis Title: Automated Database Normalization Up to Third Normal Form using Data Dictionary

Supervisor: Dr Roshan Chitrakar

Name of Research Candidate: Purushotam Shrestha

Roll No : 14917

Thesis Title: Multi Agent Based Heterogeneous Power Management System

Supervisor: Dr Basanta Joshi

Name of Research Candidate: Bikash Bhattarai

Roll No: 14902

Thesis Title: Recommendation System Using Collaborative Filtering Algorithm for the Movie Recommendations

Supervisor: Dr Purushottam Kharel

Name of Research Candidate: Sajag Ratna Shakya

Roll No : 14919

Thesis Title: Insult Detection in Social Commentary using Ensemble Learning with Lexicon Based Sentiment Analysis

Supervisor: Dr Basanta Joshi

Name of Research Candidate: Vesh Raj Joshi

Roll No: 14460009

Thesis Title: Nepali OCR on Printed Document Using SVM

Supervisor: Dr Sanjib Panday

0 of 0

Name of Research Candidate: Niraj Pradhan

Roll No : 15808

Thesis Title: Initial Public Offering Allotment Prediction using Naïve Bayes Classification by Clustering the Attributes Using K-Means Algorithm

Supervisor: Dr Sanjib Panday

Name of Research Candidate: Shyam Bhakta Shrestha

Roll No: 14925

Thesis Title: Fake Currency Detection using Image Processing Method

Supervisor: Niranjan Khakurel

Name of Research Candidate: Sulav Nepal

Roll No: 15460054

Thesis Title: Development and Evaluation of Mobile Touch Based User Interface Prototype for Elderly Users

Supervisor: Sanjay Kushwaha

Name: Resha Deo

Roll: 14460019

Thesis Title: Critical Success Factors for Small and Medium Size Enterprises

Supervisor: Dr Roshan Chitrakar

Name of Research Candidate: Sushil Paudel

Roll No: 14956

Thesis Title: Data Migration from Relational Database (MySQL) to NoSQL Database (MongoDB) using Thumbs rule of MongoDB

Supervisor: Dr Basanta Joshi

Name: Tejendra Shrestha

Roll: 14460031

Thesis Title: Cascaded Fuzzy Logic Inference for Employee Performance Evaluation

Supervisor: Anil Verma

Name: Dipesh Maskey

Roll: 15839

Thesis Title: Analysis on the Implementation and Operation of EMV Chip Card in Nepal

Supervisor: Kumar Pudashini

Name: Rishi Kanta Marseni

Roll: 172507

Thesis Title: A Novel Approach in Image Cryptography Based on Chaos Theory and Elliptic Curve

Supervisor: Dr Roshan Chitrakar

Name: Bhawana Kumari Bam

Roll:

14390034

Thesis Title: Performance Analysis of Integrate Particle Swarm Optimization Algorithm For Task Scheduling in Cloud Computing

Supervisor: Prof Dr Purushottam Kharel

Name: Kabir Kumar Sinkemana

Roll: 14939

Thesis Title: SQL Optimization in Oracle by Using Hybrid Genetic Algorithm and Ant Colony Algorithm

Supervisor: Prof Dr Shashidar Ram Joshi

Name of Research Candidate: Sunil Bahadur Bist

Roll No : 14460030

Thesis Title: Access to ICT and Its Effectiveness on Learning Activities of Undergraduate Students

Supervisor: Niranjana Khakurel

Name: Anup Karmacharya

Roll: 16902

Thesis Title: Cache Admission Policy to Increase Cache Hit Ratio

Supervisor: Niranjana Khakurel

Name: Pramila Koirala

Roll: 16819

Thesis Title: SMS Classification with Relevance Vector Machine

Supervisor: Dr Arun Timilsina

Name: Bijay Tamrakar

Roll: **16804**

Thesis Title: An E-Governance Integrated Framework for Developing Country: Nepal

Supervisor: Prof Dr Purushottam Kharel

Name: Roshan Shrestha

Roll: 16915

Thesis Title: Face Recognition using HMAX Feature Extraction and Convolutional Neural Network Classifier

Supervisor: Dr Sanjeeb Panday

Name: Sachit Karki

Roll: 14541

Thesis Title: Opinion Mining of Customer Reviews for Online Products through Sentiment Analysis

Supervisor: Dr Arun Timalina

Name: Pranish Dahal

Roll: 15847

Thesis Title: Question Labeling using Convolutional Neural Network and LSTM

Supervisor: Dr Basanta Joshi

Name: Sujan Adhikari

Roll: 15920

Thesis Title: Image Enhancement using Successive Mean Quantization Transform and Homomorphic Filtering

Supervisor: Dr Sanjeeb Panday

Name: Angel Maharjan

Roll: 14931

Thesis Title: Improved Schema Selection While Migrating from RDBMS to Document Store NoSQL

Supervisor: Anil Verma

Name: Anjana Prajapati

Roll: 14933

Thesis Title: Enhancing Spam Detection on Nepali Language SMS

Supervisor: Dr Arun Timalina

Name: Pradip Raj Poudel

Roll: 14944

Thesis Title: Face Biometrics Attack Detection using Discriminative Image Patches Discovery

Supervisor: Dr Sanjeeb Prasad Panday

Name: Vipul Gautam

Roll: 14958

Thesis Title: IP Address Spoofing Attack Detection in IPv6 Link Local Communication During Duplicate Address Detection Process

Supervisor: Mr Sharad Kumar Ghimire

Name: Srilata Bhagat

Roll: 16825

Thesis Title: Efficient Predictive Analysis of Health Insurance Claim Using Machine Learning Techniques

Supervisor: Dr Roshan Chitrakar

Name: Manoj Kumar Sah

Roll: 14537

Thesis Title: Strategic Framework for Implementation of Heat Wave Early Warning System

Supervisor: Dr Roshan Chitrakar

Name: Sanjay Kumar Rauniyar

Roll: 14954

Thesis Title: Comparative Study and Performance Analysis of Dimensionality Reduction Based Techniques For Hand Written Digits

Supervisor: Dr Arun Timalisina

Name: Kashiram Pokharel

Roll: 14940

Thesis Title: An Analysis of Leukemia using Fuzzy C-means and Gradient Edge Detectors Based on Machine Learning

Supervisor: Dr Sanjeeb Prasad Panday

Name: Samir Karmacharya

Roll: 14952

Thesis Title: Enhanced Data Hiding Technique Using Double Key AES and DWT

Supervisor: Dr Roshan Chitrakar

Name: Rabi Shakya

Roll: 14947

Thesis Title: Enhancing And Evaluating Web Application Security with Deception layer

Supervisor: Dr Roshan Chitrakar

Name: Sinuna Chaudhary

Roll: 172826

Thesis Title: Information Retrieval from Job Posts Based on K-means++ Clustering Algorithm

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Manish Shrestha

Roll: 14536

Thesis Title: Part of Speech Tagging for Nepali Language using Machine Learning Techniques

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Sanam Dongol

Roll: 14953

Thesis Title: Task Scheduling Based on Improved Genetic Algorithm in Cloud Computing

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Rabindra Tandukar

Roll: 14539

Thesis Title: Distributed Query Optimization By Index Tuning

Supervisor: Anil Verma

Name: Rabin Nankhwa

Roll: 14948

Thesis Title: Stock Market Prediction with Recurrent Neural Network

Supervisor: Dr Basanta Joshi

Name: Sarada Pokharel

Roll: 15948

Thesis Title: Recognition of Grape Leaf Disease Using Convolution Neural Network

Supervisor: Dr Sanjeeb Prasad Panday

Name: Srijana Baniya

Roll: 14955

Thesis Title: Detection and Analysis of DDOS Attack in Application Layer

Supervisor: Dr Roshan Chitrakar

Name: Archana Rajbhandari

Roll: 16903

Thesis Title: Passive Copy-Move Image Forgery Detection using Wavelet Transform

Supervisor: Dr Sanjeeb Panday

Name: Prabin Shrestha

Roll: 14943

Thesis Title: Dynamic Scheduling for Workflows in Cloud Computing

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Prashant Dhewaju

Roll: 14945

Thesis Title: Gender Detection using Viola Jones Algorithm and Machine Learning

Supervisor: Dr Sanjeeb Panday

Name: Prabin Shrestha

Roll No : 15927

Thesis Title: Comparative Analysis of Holt Winters , ARIMA and Hybrid (Proposed) Methods for Forecasting Number of Patients Admitting in a Hospital

Supervisor: Mr Kumar Pudashini

Name: Nabin Adhikari

Roll No : 15912

Thesis Title: Image Steganography with XOR-LSB Substitution using Horse Step Algorithm

Supervisor: Dr Roshan Chitrakar

Name: Suraj Kadayat

Roll No: 16855

Thesis Title: Student Acceptances of Mobile Learning Systems in Higher Educations Using Unified Theory of Acceptance and Use of Technology (UTAUT) Model

Supervisor: Prof Dr Purushottam Kharel

Name: Krishna Khadka

Roll No: 15908

Thesis Title: Generation of Nepalese Handwritten Characters using Generative Adversarial Network

Supervisor: Dr Sanjeev Prasad Panday

Name: Kabita Rai

Roll No: 16907

Thesis Title: Weather Prediction using K-means Clustering with Bagging Back Propagation Neural Network

Supervisor: Dr Roshan Chitrakar

Name: Shiva Kumar Shrestha

Roll: 15957

Thesis Title: Photographic Text-To-Image Synthesis via Multi-turn Dialogue using Attentional GAN

Supervisor: Prof Dr Shadhidhar Ram Joshi

Name: Abhishesh Dahal

Roll: 172931

Thesis Title: A Dynamic Scheme for Vertical Fragmentation, Allocation and Replication of a Distributed Database

Supervisor: Prof Dr Shadhidhar Ram Joshi

Name: Ujjwal Koirala

Roll No: 15953

Thesis Title: Analysis of Soil Properties and Climatic Data to Predict Crop Yields using LSTM Recurrent Neural Network

Supervisor: Prof Dr Shadhidhar Ram Joshi

Name: Kul Prasad Poudel

Roll No: 1546009

Thesis Title: Technology Acceptance Model for the Use of Mobile Based Survey Apps in Water Sanitation and Hygiene Sector

Supervisor: Dr Sanjeeb Prasad Panday

Name: Riwarz Bhandari

Roll No: 15460015

Thesis Title: Trust and Security Risks of Mobile Banking on Customer Satisfaction

Supervisor: Dr Sanjeeb Prasad Panday

Name: Sagar Manandhar

Roll No: 15528

Thesis Title: A Measurement Study of MPLS-TE Routing Performance During DDOS Attack

Supervisor: Kumar Pudashini

Name: Bijay Neupane

Roll: 172937

Thesis Title: Dynamic Load Balancing with Multipath Routing in SDN

Supervisor: Kumar Pudashini

Name: Manoj Giri

Roll No : 172540

Thesis Title: An Encryption Algorithm using Graph Theory using XOR Operator

Supervisor: Dr Roshan Chitrakar

Name: Loka Raj Ghimire

Roll: 15909

Thesis Title: Integration of Expectation Maximization (EM) Clustering using Gaussian Mixture Models (GMM) and Naive Bayes Classifier for Intrusion Detection

Supervisor: Dr Roshan Chitrakar

Name: Pramit Shrestha

Roll No : 15460014

Thesis Title: An Analysis on Usage of Information Technology and Their Outcomes in NGOs of Dolakha District

Supervisor: Er Niranjana Khakurel

Name: Nimesh Kumar Pokhrel

Roll No : 15460010

Thesis Title: An Empirical Analysis of Factors that Affect Online Consumer Behavior in Nepal

Supervisor: Er Niranjana Khakurel

Name: Ram Prasad Sapkota

Roll: 172947

Thesis Title: Performance Enhancement on Classification of Imbalanced Data using eXtreme Gradient Boosting (xGBoost)

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Duryodhan Chaulagain

Roll: 16953

Thesis Title: Openflow Based Dynamic Traffic Distribution Among Servers in Software Defined Networks

Supervisor: Kumar Pudashini

Name: Kamal Pandey

Roll No: 15510

Thesis Title: LSTM Approach to Sarcasm Detection in News Headline using Word Embeddings

Supervisor: Dr Basanta Joshi

Name: Bimala Sharma

Roll: 15903

Thesis Title: Word Sense Disambiguation Based Feature Level Sentiment Analysis Considering Negation

Supervisor: Dr Basanta Joshi

Name of Research Candidate: Bal Ram Khadka

Roll No :15901

Thesis Title: Predicting Word using N-Gram Language Model for Nepali Language

Supervisor: Dr Bal Krishna Bal

Name: Sharmila Neupane

Roll: 172545

Thesis Title: Using Global Powerset and Apriori Algorithm with Dynamic Function for Breast Cancer Data Classification

Supervisor: Prof Dr Purushottam Kharel

Name: Nirana Kafle

Roll: 15941

Thesis Title: Live Migration in Clos Topology using SDN Technology

Supervisor: Er Shaligram Parajuli

Name: Ramesh Kharbuja Roll: 172919

Thesis Title: Political Profiling of Nepali Twitter Users Based on Space Vector Model

Supervisor: Dr Arun Timalisina

Name: Sobit Thapa Roll: 172930

Thesis Title: Analysis of MRI Images for Brain Tumor Detection using Fuzzy C-Means and LSTM

Supervisor: Dr Sanjeeb Panday

Name of Research Candidate: Sagar Mishra Roll No : 15945

Thesis Title: Deep Residual Learning for Face Emotion Recognition

Supervisor: Dr Basanta Joshi

Name: Ramesh Banjade **Roll:** 17460044

Thesis Title: Predicting Loan Defaulters Using Data Mining Techniques

Supervisor: Dr Arun Timalisina

Name: Mukti Nath Thapa **Roll:** 16817

Thesis Title: Analyzing Customer Value Segment by Using RFM Mode with Clustering Method: A Study on a SIM Card Distributor Company of Nepal

Supervisor: Dr Arun Timalisina

Name: Anil Lamichhane **Roll No : 15460033**

Thesis Title: Federal E-Government System Challenges-Case Nepal

Supervisor: Prof Dr Purushottam Kharel

Name: Amit Regmi **Roll No : 15460030**

Thesis Title: Factors Influencing Customer's Satisfaction in Digital Banking System: Case Nepal

Supervisor: Prof Dr Purushottam Kharel

Name: Shristi Awale **Roll No : 15536**

Thesis Title: Credit Risk Analysis using Artificial Neural Network and Support Vector Machine

Supervisor: Dr Roshan Chitrakar

Name: Anit Nath Kayastha **Roll No:** 16934

Thesis Title: Classification of Human Facial Expression using Deep Neural Network

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Raju Shahi

Roll No: 172917

Thesis Title: Deep Learning Approach to Rain Forecasting using Ensemble LSTM with K-Means Clustering

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Sukriti Manandhar

Roll No: 172924

Thesis Title: Hybrid Color Watermarking Technique With Arnold Scrambling

Supervisor: Dr Sanjeeb Panday

Name: Ram Kumar Basnet

Roll: 182921

Thesis Title: Performance Analysis of Various Shortest Path Algorithms in SDN Routing

Supervisor: Babu R Dawadi

Name: Anuj Bahadur Singh

Roll No: 16803

Thesis Title: Improvising the Efficiency of IP Multicasting in Stock Exchange with Enhanced Security

Supervisor: Kumar Pudashini

Name of Research Candidate: Ramu Pandey

Roll No: 15926

Thesis Title: An Improved Approach to Preserving Context-Aware Privacy by Introducing CAPPs Algorithm

Supervisor: Dr Roshan Chitrakar

Name: Bhawna Piryani

Roll No: 182903

Thesis Title: Sentiment Analysis of Internet Meme using Deep Learning Approaches

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Dinesh Ghemosu

Roll No: 172907

Thesis Title: Detection and Classification of MRI-Based Brain Tumor via Jaya Algorithm, and Twin Support Vector Machine

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Yaman Maharjan

Roll No: 182511

Thesis Title: Online advertisement relevance prediction with LR model and its explanation using LIME and SHAP for human interpretability

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Sushish Baral

Roll No: 182926

Thesis Title: Super-resolution Using Capsule Network as a Discriminator in GAN Architecture

Supervisor: Prof Dr Shashidhar Ram Joshi

Name: Nisha Thapa

Roll No: 16845

Thesis Title: Prediction of Heart Disease using Artificial Neural Network

Supervisor: Dr Arun Timalisina