TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
THAPATHALI CAMPUS
LIST OF MINOR AND MAJOR PROJECT

FROM BATCH 2072 TO BATCH 2077

BATCH 2072

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEX MAJOR PROJECT BATCH 207	1	Sandip KC	2072/BEX/334	Detection of Diabetic Retinopathy	Mr. Kiran Chandra Dahal	Dr. Aman Shakya
		Sunil Singh Saud	2072/BEX/344			
		Sushank Adhikari	2072/BEX/345			
		Ujjwol Pandit	2072/BEX/348			
	2	Bikram Karki	2072/BEX/314	Image Captioning using CNN with Text-to-Speech	Ms. Rama Bastola	
		Rabin Kumar Dhamala	2072/BEX/329			
		Saroj Dahal	2072/BEX/336			
		Subash Pandey	2072/BEX/342			
	3	Alson Regmi	2072/BEX/305	Application of Blockchain and Distributed Storage for Medical Records	Mr. Kshetraphal Bohara	Mr. Baburam Dawadi
		Bibek Dhakal	2072/BEX/310			
		Mukesh Awal	2072/BEX/323			
		Pushwant Rai	2072/BEX/328			
	4	Adit Dhital	2072/BEX/303	Density Based Traffic Light Management System using Image Processing	Mr. Anup Adhikari	
		Anil Tamang	2072/BEX/308			
		Bibek Giri	2072/BEX/311			

2		Sushmita Bhatta	2072/BEX/347			
	5	Dipesh Lamichhane	2072/BEX/318	IoT Based Smart Mirror with Face Recognition	Mr. Binod Sapkota	Dr. Surendra Shrestha
		Prabin K. Shrestha	2072/BEX/326			
		Shishir Pantha	2072/BEX/339			
		Shreekar Tiwari	2072/BEX/340			
	6	Sabnam Panjiyar	2072/BEX/332	Vehicle Overspeed Detection	Mr. Shanta Maharjan	
	7	Abinam Majgaiya	2072/BEX/302	Pitch Detection of Monophonic Audio Signal	Mr. Shikhar Bhattarai	
		Ajay Bhandari	2072/BEX/304			
		Franco Rokaya	2072/BEX/319			
		Palden Sherpa	2072/BEX/325			
	8	Bishow Raj Pangeni	2072/BEX/316	Waste Segregation and Collection System	Mr. Umesh Kanta Ghimire	Mr. Birodh Rijal
		Deepak Joshi	2072/BEX/317			
		Rohit Tandukar	2072/BEX/331			
		Shambhu K. Sharma	2072/BEX/338			
	9	Ayushma Acharya	2072/BEX/309	Image Based Pathosis Identification in Garden Flora	Mr. Saroj Shakya	
		Bijay Ghimire	2072/BEX/312			
		Priyanka Shrestha	2072/BEX/327			
		Sandhya Khanal	2072/BEX/343			
	10	Abhijan Wasti	2072/BEX/301	Aerial View Based Guidance System	Mr. Dinesh Baniya Kshatri	Mr. Om Thapa
		Sandeep Regmi	2072/BEX/333			
		Sanjeev Kumar Yadav	2072/BEX/335			
		Saugat Tripathi	2072/BEX/337			

	11	Bijay Khanal	2072/BEX/313	Autonomous Navigation and Cleaning Robot Using SLAM	Mr. Dipendra Rauniyar	
		Hemant Bhatta	2072/BEX/320			
		Narendra Bhatt	2072/BEX/324			

BATCH 2073

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEX MINOR PROJECT BATCH 2073	1	Ankit Sapkota	2073/BEX/307	Real Time Spatial Location Monitoring and Visualization	Mr. Kiran Chandra Dahal	Mr. Anand Kumar Sah Department of Electronics & Computer Engineering Institute of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal
		Pawan Parajuli	2073/BEX/324			
		Yogesh Khadka	2073/BEX/348			
	2	Aashraya Raj Sainju	2073/BEX/302	Home Automation using IoT	Mr. Binay Shrestha	
		Niraj Regmi	2073/BEX/323			
		Roshan Suwal	2073/BEX/336			
	3	Aashish Gyanwali	2073/BEX/301	Intrusion Detection and Alert System	Mr. Shikhar Bhattarai	
		Ajay Mishra	2073/BEX/305			
		Gokul Adhikari	2073/BEX/311			
		Samuel Thapa Magar	2073/BEX/340			
	4	Nabin Pakka	2073/BEX/320	Blockchain Wallet using SRAM PUF	Mr. Dipendra Rauniyar	
		Rupan Chaulagain	2073/BEX/327			
		Sagar Dangal	2073/BEX/338			
	5	James Shrestha	2073/BEX/314	Smart Security Alert System	Mr. Ganesh Kumal	
		Krishna Bahadhur Ojha	2073/BEX/317			
		Krishna Rauniyar	2073/BEX/318			

		Rajad Shakya	2073/BEX/332		
6		Anisha Pant	2073/BEX/306	Water Quality Monitoring System using IoT	Mr. Dinesh Baniya Kshatri
		Ritisha Gautam	2073/BEX/335		
		Suruchi Pokhrel	2073/BEX/346		
7		Santosh Adhikari	2073/BEX/343	Portable ECG	Mr. Shanta Maharjan
		Sudip Bhujel	2073/BEX/344		
		Sulove Bhattrai	2073/BEX/345		
8		Abhishek Silwal	2073/BEX/303	A Model of Cube-Sat	Mr. Umesh Kanta Ghimire
		Abhishek Ghimire	2073/BEX/304		
		Kapalik Khanal	2073/BEX/316		
9		Asmita Jha	2073/BEX/308	Women Self Defense and Security System	Ms. Rama Bastola
		Pooja Singh	2073/BEX/326		
		Pragya Jha	2073/BEX/328		
		Richa Pokhrel	2073/BEX/334		
10		Diwash Poudel	2073/BEX/310	Smart Aquarium	Mr. Binod Sapkota
		Grishma Ojha	2073/BEX/312		
		Jibit Khanal	2073/BEX/315		
		Niraj Pokhrel	2073/BEX/322		
11		Jagadish Khadka	2073/BEX/313	Smart Automated Crops Caring System	Ms. Dhan Maya Thapa
		Nikesh Neupane	2073/BEX/321		
		Rabin Dhakal	2073/BEX/330		
		Sanjay Nepal	2073/BEX/341		

Mr. Suramya Sharma Dahal

Department of Electronics & Computer Engineering Institute of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal

	12	Rabin Nepal	2073/BEX/331	Visualization of Solar Spectrum	Mr. Saroj Shakya	
		Rimesh Lwagun	2073/BEX/333			
		Sanjay Rijal	2073/BEX/342			
		Upendra Subedi	2073/BEX/347			
	13	Dhadkan Shrestha	2073/BEX/309	Animal Monitoring System	Mr. Madhav Humagain	
		Peshal Nepal	2073/BEX/325			
		Pradeep Oli	2073/BEX/327			
		Pratik Gautam	2073/BEX/329			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEX MAJOR PROJECT	1	Aashish Gyanwali	2073/BEX/301	Electronic Gadgets Rating System Using Sentiment Analysis	Er. Rama Bastola	Dr. Aman Shakya Department of Electronics and Computer Engineering Institute of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal
		Ajay Mishra	2073/BEX/305			
		Gokul Adhikari	2073/BEX/311			
		Samuel Thapa Magar	2073/BEX/340			
	2	Aashraya Raj Sainju	2073/BEX/302	Music Generation Using Machine Learning	Er. Saroj Shakya	
		Jagadish Khadka	2073/BEX/313			
		James Shrestha	2073/BEX/314			
		Rajad Shakya	2073/BEX/332			
	3	Nikesh Neupane	2073/BEX/321	Voting System with AI and Blockchain	Er. Shikhar Bhattarai	Mr. Om Bikram Thapa Vianet Communications Pvt. Ltd. Prera Business Centre Jawalakhel, Lalitpur, Nepal
		Santosh Adhikari	2073/BEX/343			
		Sudip Bhujel	2073/BEX/344			

BATCH 2073		**Sulove Bhattrai**	**2073/BEX/345**		
	4	**Krishna Rauniyar**	**2073/BEX/318**	**Intrusion Detection System for IOT Networks Using Machine Learning**	**Er. Dipendra Rauniyar**	
		Nabin Pakka	**2073/BEX/320**			
		Rupan Chaulagain	**2073/BEX/337**			
		Sagar Dangal	**2073/BEX/338**			
	5	**Asmita Jha**	**2073/BEX/308**	**Object-text Reader for Visually Impaired**	**Er. Kiran Chandra Dahal**	**Mr. Birodh Rijal**
		Pooja Singh	**2073/BEX/326**			**Integrated ICT Pvt. Ltd. First Cross, Jwagal Kupondole, Lalitpur, Nepal**
		Pragya Jha	**2073/BEX/328**			
		Richa Pokhrel	**2073/BEX/334**			
	6	**Abhishek Silwal**	**2073/BEX/303**	**Handwritten Linear and Quadratic Equation Solver using Deep Neural Network**	**Ms. Dhan Maya Thapa**	
		Niraj Regmi	**2073/BEX/323**			
		Yogesh Khadka	**2073/BEX/348**			
	7	**Abhishek Ghimire**	**2073/BEX/304**	PocketQube	**Er. Umesh Kanta Ghimire**	**Dr. Ramkrishna Maharjan**
		Kapalik Khanal	**2073/BEX/316**			**Department of Electronics and Computer Engineering Institute of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal**
		Rabin Dhakal	**2073/BEX/330**			
		Sanjay Nepal	**2073/BEX/341**			
	8	**Diwash Poudel**	**2073/BEX/310**	**Advanced Driver Assistant System**	**Er. Shanta Maharjan**	
		Grishma Ojha	**2073/BEX/312**			
		Jibit Khanal	**2073/BEX/315**			
		Niraj Pokhrel	**2073/BEX/322**			
	9	**Anisha Pant**	**2073/BEX/306**	**Diagnosis of Cardiovascular Disease With ANN Using Data Obtained From Wireless Holter**	**Er. Suramya Sharma Dahal**	**Dr. Bishesh Khanal**
		Ritisha Gautam	**2073/BEX/335**			**Nepal Applied Mathematics and Informatics Institute JP**

		Suruchi Pokhrel	2073/BEX/346			House Baluwatar, Kathmandu, Nepal
	10	Rabin Nepal	2073/BEX/331	Human-Computer Interaction using Neuromuscular Signals	Er. Dinesh Baniya Kshatri	
		Rimesh Lwagun	2073/BEX/333			
		Sanjay Rijal	2073/BEX/342			
		Upendra Subedi	2073/BEX/347			
	11	Dhadkan Shrestha	2073/BEX/309	Human Pose Estimation	Er. Ganesh Kumal	Dr. Gajendra Sharma Department of Computer Science and Engineering Kathmandu University Dhulikhel, Kavrepalanchok, Nepal
		Peshal Nepal	2073/BEX/325			
		Pradeep Oli	2073/BEX/327			
		Pratik Gautam	2073/BEX/329			
	12	Ankit Sapkota	2073/BEX/307	Continuous Glucose Monitoring and Prediction For Diabetes Patients	Er. Saroj Shakya	
		Krishna Bahadhur Ojha	2073/BEX/317			
		Pawan Parajuli	2073/BEX/324			
		Roshan Suwal	2073/BEX/336			

BATCH 2074

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEX MINO	1	Nirajan Shrestha	2074/BEX/020	Wireless Sensor Network Implemented Green Horticulture Automation	Er. Ganesh Kumal	Er. Ananda Kumar Sah Department of Electronics and Computer Engineering Institute of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal
		Rabin Mainali	2074/BEX/026			
		Ram Kumar Shrestha	2074/BEX/028			
		Rujen Gelal	2074/BEX/033			
	2	Rishav Pantha	2074/BEX/031	Smart Home Operation using Mobile Application for Energy Conservation	Er. Suramya Sharma Dahal	
		Sandesh Gyawali	2074/BEX/034			

R PR OJ EC T BA TC H 207 4		**Satkrit Raj Pandey**	**2074/BEX/036**			
		Sushil Khadka	**2074/BEX/046**			
	3	**Puja Ray**	**2074/BEX/024**	**Wireless Data Monitoring Device For Distant Farm**	**Er. Dipendra Rauniyar**	
		Ram Meheta	**2074/BEX/029**			
		Shreya Jha	**2074/BEX/040**			
		Sita Bhatt	**2074/BEX/042**			
	4	**Ankit Darnal**	**2074/BEX/005**	**IoT Based Agriculture Assessment System**	**Er. Binod Sapkota**	**Er. Suman Sharma** **Department of Electronics and Computer Engineering Institute of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal**
		Asim Sapkota	**2074/BEX/007**			
		Diwas Dahal	**2074/BEX/011**			
		Nitesh Bakhati	**2074/BEX/021**			
	5	**Kushal Adhikari**	**2074/BEX/016**	**Wireless Weather Monitoring System**	**Er. Rama Bastola**	
		Anup Luitel	**2074/BEX/006**			
		Mohan Aryal	**2074/BEX/019**			
		Rikrish Shrestha	**2074/BEX/030**			
	6	**Abhinit Kumar Das**	**2074/BEX/002**	**Electric Notice Board**	**Er. Umesh Kanta Ghimire**	
		Ajay Regmi	**2074/BEX/003**			
		Kedar Dangal	**2074/BEX/015**			
		Suman Rijal	**2074/BEX/045**			
	7	**Chhabi Raman Adhikari**	**2074/BEX/008**	**GPS Based Autonomous Robot**	**Er. Kiran Chandra Dahal**	**Er. Sanuj Shakya** **Central Office, Nepal Doorsanchar Company Ltd. (NTC) Bhadrakali Plaza, Kathmandu, Nepal**
		Gaurav Bhattarai	**2074/BEX/012**			
		Gaurav Sharma	**2074/BEX/013**			
		Pratik Thapa	**2074/BEX/023**			

8	Anish Dahal	2074/BEX/004	Dynamic Maze Solving using D*-Lite and Dead-End Exclusion Algorithm	Er. Dinesh Baniya Kshatri	
	Dipak Gurung	2074/BEX/009			
	Prajwol Pakka	2074/BEX/022			
	Sujal Subedi	2074/BEX/043			
9	Sandesh Ratna Bajracharya	2074/BEX/035	Music Emotion Recognition System	Ms. Dhan Maya Thapa	Er. Sudeep Shakya

Kathmandu Engineering College Ganeshman Singh Road Kalimati, Kathmandu, Nepal |
	Saurabh Chalise	2074/BEX/038			
	Shivani Rana	2074/BEX/039			
	Swornim Shrestha	2074/BEX/047			
10	Pukar Giri	2074/BEX/025	Emulating 8085 Microprocessor System for use in Teaching Activities	Er. Shikhar Bhattarai	
	Ram Bharati	2074/BEX/027			
	Sulochan Dahal	2074/BEX/044			
11	Aayushma Pant	2074/BEX/001	Nepali Voice-Controlled Home Automation System	Er. Saroj Shakya	
	Rohit Gautam	2074/BEX/032			
	Saugat Guni	2074/BEX/037			
	Shrijak Dahal	2074/BEX/041			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEXM	1	Pukar Giri	THA074BEX025	An Attempt on Improving Stock market prediction using sentiment analysis of News Articles	Er. Umesh Kanta Ghimire	Dr. Shailesh Pandey

Senior Researcher Martin Chautari Thapathali, Kathamndu |
		Ram Bharati	THA074BEX027			
		Sita Bhatta	THA074BEX042			
		Sulochan Dahal	THA074BEX044			

AJOR PROJECT BATCH 2074	**2**	**Chhabi Raman Adhikari**	**THA074BEX008**	**AI powered Shopping List Genaration and Recommendation System**	**Er. Rama Bastola**	
		Gaurav Bhattarai	**THA074BEX012**			
		Gaurav Sharma	**THA074BEX013**			
		Pratik Thapa	**THA074BEX023**			
	3	**Aayushma Pant**	**THA074BEX001**	**Deepfake Audio and Video detection System**	**Er. Saroj Shakya**	
		Rohit Gautam	**THA074BEX032**			
		Saugat Guni	**THA074BEX037**			
		Shrijak Dahal	**THA074BEX041**			
	4	**Nirajan Shrestha**	**THA074BEX020**	**Photograph and Video Reconditioning System**	**Er. Shikhar Bhattarai**	**Dr. Pradip Paudyal** **Deputy Director Nepal Telecommunications Authority Kantipath, Jamal, Kathmandu**
		Rabin Mainali	**THA074BEX026**			
		Ram Kumar Shrestha	**THA074BEX028**			
		Rujen Gelal	**THA074BEX033**			
	5	**Dipak Gurung**	**THA074BEX009**	**Classroom Based Face Recognition Automatic Attendance System**	**Er. Shanta Maharjan**	
		Puja Ray	**THA074BEX024**			
		Rampujan Mahato	**THA074BEX029**			
		Shreya Kumari Jha	**THA074BEX040**			
	6	**Anish Dahal**	**THA074BEX004**	**Data Driven Approach in Isolating Vocals and Instruments**	**Er. Dinesh Baniya Kshatri**	
		Prajwol Pakka	**THA074BEX022**			
		Sujal Subedi	**THA074BEX043**			
	7	**Ankit Darnal**	**THA074BEX005**	**Automated Medic Robot Employing Computer Vision**	**Er. Umesh Kanta Ghimire**	**Er. Sanuj Shakya** **Nepal Doorsanchar Company Ltd. (NTC) Tripureshwor, Kathmandu, Nepal**
		Asim Sapkota	**THA074BEX007**			
		Diwas Dahal	**THA074BEX011**			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
		Nitesh Bakhati	THA074BEX021			
	8	Sandesh Ratna Bajracharya	THA074BEX035	Mind Controlled Mobility Solution	Er. Binod Sapkota	
		Saurabh Chalise	THA074BEX038			
		Shivani Rana	THA074BEX039			
		Swornim Shrestha	THA074BEX047			
	9	Anup Luintel	THA074BEX006	IOT based Health Monitoring System	Er. Ganesh Kumal	Er. Hari Prasad Pokhrel Computer Engineer Government of Nepal Singhadurbar, Kathmandu, Nepal
		Kushal Adhikari	THA074BEX016			
		Mohan Aryal	THA074BEX019			
		Rikrish Shrestha	THA074BEX030			
	10	Rishav Pantha	THA074BEX031	Beacon paired Digitization of Institutional Operattion using Mobile Application	Er. Suramya Sharma Dahal	
		Sandesh Gyawali	THA074BEX034			
		Satkrit Raj Pandey	THA074BEX036			
		Sushil Khadka	THA074BEX046			
	11	Abhinit Kumar Das	THA074BEX002	IOT based Massage Therapy System	Er. Kiran Chandra Dahal	
		Ajay Regmi	THA074BEX003			
		Kedar Dangal	THA074BEX015			
		Suman Rijal	THA074BEX045			

BATCH 2075

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner

BEI MINOR PROJECT BATCH 2075	1	**Bishwash Gurung**	THA075BEI012	**Solar Tracking System**	**Er. Shikhar Bhattarai**	**Er. Sagun Manandhar Associate Professor Kathmandu Engineering College Ganeshman Singh Road Kalimati, Kathmandu, Nepal**
		Manish Thapa	THA075BEI021			
		Ram Shrestha	THA075BEI030			
		Regan Sthapit	THA075BEI031			
	2	**Nabin Paneru**	THA075BEI025	**Automatic Vehicle Barrier**	**Associate Professor Er. Shanta Maharjan**	
		Samrat Kafle	THA075BEI037			
		Shiv Ranjan Gupta	THA075BEI039			
	3	**Amrendra Kumar Yadav**	THA075BEI005	**Smart Meter Reading with Cloud Computation**	**Er. Ganesh Kumal**	
		Arjun Chhetri	THA075BEI007			
		Suraj Agrahari	THA075BEI043			
		Tulashi Prasad Joshi	THA075BEI047			
	4	**Arjun poudel**	THA075BEI008	**Covid-19 Patient Monotoring System**	**Er. Binod Sapkota**	**Er. Madan Neupane Deputy Manager Civil Aviation Authority of Nepal Babarmahal, Kathmandu, Nepal**
		Hemant Sharma	THA075BEI018			
		Riwaz Neupane	THA075BEI034			
		Sushovan Shakya	THA075BEI046			
	5	**Aayush Adhikari**	THA075BEI002	**PACB: Portable Anti-Covid Box**	**Er. Hasina Shakya**	
		Bisoj Biswakarma	THA075BEI013			
		Charchit Regmi	THA075BEI014			
		Dipesh Giri	THA075BEI016			
	6	**Madhu Sudan Ojha**	THA075BEI019	**RF based Metal Detecting Robotic Vehicle**	**Er. Umesh Kanta Ghimire**	
		Samit Baral	THA075BEI036			
		Shovit Nepal	THA075BEI040			

	Suman Karki	THA075BEI042			
7	Bhuwan khatiwada	THA075BEI009	Cricket Shots Analysis using AI	Er. Suramya Sharma Dahal	Er. Om Prakash Mahato Assistant Director Nepal Telecommunications Authority Kantipath, Jamal, Kathmandu
	Bishwa Prakash Subedi	THA075BEI011			
	Niraj Duwal	THA075BEI021			
	Rewan Gautam	THA075BEI032			
8	Aashish Acharya	THA075BEI001	Kakshya- A Web App for Classroom	Er. Saroj Shakya	
	Abhishek Poudel	THA075BEI003			
	Amit Buyo	THA075BEI004			
	Anjal Bam	THA075BEI006			
9	Namrata Das	THA075BEI026	Obesity Screening and Stroke Risk Prediction System	Er. Saroj Shakya	
	Neelam Karki	THA075BEI027			
	Rakshya Panta	THA075BEI029			
10	Md Afaque Ahmad	THA075BEI022	Autonomous Irrigation Bot	Er. Kshetraphal Bohara	Er. Pushpa Dhamala Associate Professor Kathmandu Engineering College Ganeshman Singh Road Kalimati, Kathmandu, Nepal
	Munilal Mukhiya	THA075BEI024			
	Ridam Sharma	THA075BEI030			
	Shruti Kumari Jha	THA075BEI031			
11	Ganesh Tamang	THA075BEI017	Fingerprint Based Door Lock System	Er. Kiran Chandra Dahal	
	Mahesh Dhant	THA075BEI020			
	Menuka Sharma	THA075BEI023			
	Sushil Rai	THA075BEI045			
12	Deshrit Baral	THA075BEI015	Single Wheeled Self Balancing Platform	Er. Dinesh Baniya Kshatri	
	Ruchi Manandhar	THA075BEI035			

		Shakshi Shahi	THA075BEI038			
		Utshav Parajuli	THA075BEI048			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BCT MINOR PROJECT BATCH 2075	1	Aarjan Ghimire	THA075BCT001	Autoprinter	Er. Shanta Maharjan	**Er. Anil Verma** **Assistant Professor Department of Electronics and Computer Engineering Institue of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal**
		Anish Poudel	THA075BCT008			
		Niranjan Adhikari	THA075BCT029			
	2	Aavash Silwal	THA075BCT003	Network Automation and Packet Detection	Er. Binod Sapkota	
		Kumar Tiwari	THA075BCT023			
		Sandesh Pokhrel	THA075BCT038			
	3	Aman Shrestha	THA075BCT006	Tourist Destination Recommender System	Er. Suramya Sharma Dahal	
		Bibek Joshi	THA075BCT015			
		Dipin Mainali	THA075BCT021			
		Manohar Dahal	THA075BCT026			
	4	Manuj Babu Karki	THA075BCT028	Online Job Portal	Er. Kiran Chandra Dahal	**Er. Bibha Sthapit** **Assistant Professor Department of Electronics and Computer Engineering Institue of Engineering, Pulchowk Campus Pulchowk, Lalitpur, Nepal**
		Prasaya Acharya	THA075BCT032			
		Suprim Shrestha	THA075BCT045			
		Suven Pandey	THA075BCT046			
	5	Basanta Bhandari	THA075BCT014	किताबलेनदेन: A Portal for Sharing Books	Er. Dinesh Baniya Kshatri	
		Deepak Bhattarai	THA075BCT018			
		Prashant Bhusal	THA075BCT033			

6	Dinesh Ojha	THA075BCT020	Cost Comparing Web App	Er. Saroj Shakya	
	Rupesh Shrestha	THA075BCT035			
	Samriddha Shrestha	THA075BCT037			
7	Ashma Rai	THA075BCT011	Nepalese Currency Recognition System	Er. Shikhar Bhattarai	**Er. Sudeep Shakya** **Associate Professor** **Kathmandu Engineering** **College Ganeshman Singh** **Road** **Kalimati, Kathmandu, Nepal**
	Niruta Shrestha	THA075BCT030			
	Shikshya Shiwakoti	THA075BCT041			
	Swostika Basukala	THA075BCT048			
8	Rajan Neupane	THA075BCT034	Handwritten Devanagari Character Recognition using Deep Convolution Neural Networks	Er. Himal Chand Thapa	
	Sankalpa Rijal	THA075BCT039			
	Saroj Prasad Mainali	THA075BCT040			
	Shishir Kumar Regmi	THA075BCT042			
9	Anish Sunar	THA075BCT009	Real Time Face Recognition using C++	Er. Umesh Kanta Ghimire	
	Biplov Karna	THA075BCT017			
	Nischal Bhattarai	THA075BCT031			
	Dilip Babu Acharya	THA075BCT049			
10	Aayusha Bista	THA075BCT004	Market Analysis and Prediction of Kalimati Market	Er. Anil Pudasaini	**Er. Jnaneshwar Bohara** **Computer Engineer** **Government of Nepal** **Singhadurbar,** **Kathmandu, Nepal**
	Samip Jung Thapa	THA075BCT036			
	Shubhechchha Marasini	THA075BCT043			
11	Anuj Sedhai	THA075BCT010	Tender Notice Extraction from E- papers using Neural Network	Er. Rama Bastola	
	Ashmin Bhattarai	THA075BCT012			
	Devraj Neupane	THA075BCT019			
	Manish Khadka	THA075BCT025			

	12	Abiskar Timsina	THA075BCT005	Data segmentation and Extraction using Deep Learning Neural Nets	Er. Rama Bastola	
		Anish Bhetuwal	THA075BCT007			
		Sumit Shrestha	THA075BCT044			
		Suyog Pandey	THA075BCT047			
	13	Aashish Chapain	THA075BCT002	Pneumothorax segmentation using Deep Convolutional Networks	Er. Himal Chand Thapa	
		Ashok Budha	THA075BCT013			
		Bibek Khanal	THA075BCT016			
		Kapil Shrestha	THA075BCT022			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BCT & BEI COMBINED MAJOR PROJECT BATCH 2075	1	Riwaz Neupane	THA075BEI034	Prachalit Lipi Character Recognition using Deep Convolutional Neural Network	Er. Hasina Shakya	Dr. Prakash Poudyal Assistant Professor Department of Computer Science and Engineering Kathmandu University, Dhulikhel
		Shiv Ranjan Gupta	THA075BEI039			
		Shovit Nepal	THA075BEI040			
		Sushovan Shakya	THA075BEI046			
	2	Aayusha Bista	THA075BCT004	Voice-based Parkinson's Disease Detection using XG-Boost Algorithm	Er. Himal Chand Thapa	
		Samip Jung Thapa	THA075BCT036			
		Samriddha Shrestha	THA075BCT037			
		Shubhechchha Marasini	THA075BCT043			
	3	Bhuwan khatiwada	THA075BEI009	स रंक्षण: An Endangered Birds Recognition Portal	Er. Kiran Chandra Dahal	
		Bishwa Prakash Subedi	THA075BEI011			
		Niraj Duwal	THA075BEI021			

[Day 1]		Rewan Gautam	THA075BEI032			
	4	Anish Sunar	THA075BCT009	Word Level Sign Language Recognition using Mediapipe and GRU	Er. Kshetraphal Bohara	Er. Shristi Heuju Telecom Engineer Nepal Doorsanchar Company Limited Bhadrakali, Kathmandu
		Bibek Joshi	THA075BCT015			
		Dinesh Ojha	THA075BCT020			
		Dilip Babu Acharya	THA075BCT049			
	5	Bishwash Gurung	THA075BEI012	Digitization of Devanagari Handwritten Text	Er. Praches Acharya	
		Manish Thapa	THA075BEI021			
		Ram Shrestha	THA075BEI030			
		Regan Sthapit	THA075BEI031			
	6	Md Afaque Ahmad	THA075BEI022	Emotion Recognition using Upper Body Gesture	Er. Shikhar Bhattarai	
		Munilal Mukhiya	THA075BEI024			
		Ridam Sharma	THA075BEI030			
		Shruti Kumari Jha	THA075BEI031			
	7	Aman Shrestha	THA075BCT006	CNN-Based Video Steganography with Embedded Audio	Er. Shikhar Bhattarai	Dr. Pradip Paudyal Deputy Director Nepal Telecommunications Authority Kantipath, Jamal, Kathmandu
		Biplov Karna	THA075BCT017			
		Dipin Mainali	THA075BCT021			
		Manohar Dahal	THA075BCT026			
	8	Abhishek Poudel	THA075BEI003	Image Forgery Detection Using CNN	Er. Umesh Kanta Ghimire	
		Amit Buyo	THA075BEI004			
		Anjal Bam	THA075BEI006			
	9	Deshrit Baral	THA075BEI015	Intelligent Video Surveillance Using Faster R-CNN	Er. Saroj Shakya	
		Mahesh Dhant	THA075BEI020			

	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
		Sushil Rai	THA075BEI045			
	10	Manuj Babu Karki	THA075BCT028	Parkour by Intelligent Agents in Synthetic 3D Environment	Er. Dinesh Baniya Kshatri	Er. Birodh Rijal
		Prasaya Acharya	THA075BCT032			**Principal**
		Suprim Shrestha	THA075BCT045			**Everest Engineering College Sanepa, Lalitpur**
		Suven Pandey	THA075BCT046			
	11	Namrata Das	THA075BEI026	Transformer-based Deep Coding Engine for Generating High Level Source Code	Er. Dinesh Baniya Kshatri	
		Neelam Karki	THA075BEI027			
		Rakshya Panta	THA075BEI029			
		Ruchi Manandhar	THA075BEI035			
	12	Anuj Sedhai	THA075BCT010	Reconstruction of Archaeological Building in 3D from Unstructured Images	Er. Rama Bastola Er. Umesh Kanta Ghimire	
		Ashmin Bhattarai	THA075BCT012			
		Devraj Neupane	THA075BCT019			
		Manish Khadka	THA075BCT025			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BCT & BEI COMBINED MAJOR	1	Aashish Chapain	THA075BCT002	Automated Multi-Modal Pipeline for Generating Accurate Football Game Summaries	Er. Umesh Kanta Ghimire	Er. Sushant Gautam
		Ashok Budha	THA075BCT013			**Senior Engineering Manager North Star Developer's Village Sanepa, Lalitpur**
		Bibek Khanal	THA075BCT016			
		Kapil Shrestha	THA075BCT022			
	2	Abiskar Timsina	THA075BCT005	Facial Landmark Detection and Its Implementation in Basic Augmented Reality	Er. Saroj Shakya	
		Anish Bhetuwal	THA075BCT007			

PRO JEC T BAT CH 2075 [Day 2]		**Sumit Shrestha**	THA075BCT044			
		Suyog Pandey	THA075BCT047			
	3	**Amrendra Kumar Yadav**	THA075BEI005	**Virtual Trial Room with Computer Vision and Machine Learning**	**Er. Rama Bastola** **Er. Umesh Kanta Ghimire**	
		Arjun Chhetri	THA075BEI007			
		Suraj Agrahari	THA075BEI043			
		Tulashi Prasad Joshi	THA075BEI047			
	4	**Arjun poudel**	THA075BEI008	**Mini Self-Driving Car**	**Associate Professor Er. Shanta Maharjan**	**Er. Anand Kumar Sah** **Associate Professor Department of Electronics and Computer Engineering Institue of Engineering, Pulchowk Campus**
		Ganesh Tamang	THA075BEI017			
		Hemant Sharma	THA075BEI018			
		Nabin Paneru	THA075BEI025			
	5	**Aarjan Ghimire**	THA075BCT001	**Computer Aided Design for Digital Component and Comparison with AI Solution**	**Er. Anil Pudasaini**	
		Anish Poudel	THA075BCT008			
		Niranjan Adhikari	THA075BCT029			
	6	**Aayush Adhikari**	THA075BEI002	**Poaceae Diseases Detection using Machine Learning**	**Er. Suramya Sharma Dahal**	
		Bisoj Biswakarma	THA075BEI013			
		Charchit Regmi	THA075BEI014			
		Dipesh Giri	THA075BEI016			
	7	**Menuka Sharma**	THA075BEI023	**Emotion Recognition through Voice using SVM**	**Er. Ganesh Kumal**	**Er. Himalaya Kakshapati** **Machine Learning Engineer Imperium Legacy Technology, Incorporated**
		Samit Baral	THA075BEI036			
		Samrat Kafle	THA075BEI037			
	8	**Ashma Rai**	THA075BCT011	**Nepali Text to Speech Synthesis System**	**Er. Suramya Sharma Dahal**	
		Niruta Shrestha	THA075BCT030			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
		Shikshya Shiwakoti	THA075BCT041			
		Swostika Basukala	THA075BCT048			
	9	Rajan Neupane	THA075BCT034	Monaural Multi-Speaker Speech Separation	Associate Professor Er. Shanta Maharjan	
		Sankalpa Rijal	THA075BCT039			
		Saroj Prasad Mainali	THA075BCT040			
		Shishir Kumar Regmi	THA075BCT042			
	10	Aavash Silwal	THA075BCT003	Counterfeit Product Detection using Blockchain	Er. Kiran Chandra Dahal	Er. Om Prakash Mahato Assistant Director Nepal Telecommunications Authority Kantipath, Jamal, Kathmandu
		Basanta Bhandari	THA075BCT014			
		Deepak Bhattarai	THA075BCT018			
		Prashant Bhusal	THA075BCT033			
	11	Madhu Sudan Ojha	THA075BEI019	Employee Credibility Verification System using Blockchain and Smart Contracts	Er. Binod Sapkota	
		Shakshi Shahi	THA075BEI038			
		Suman Karki	THA075BEI042			
		Utshav Parajuli	THA075BEI048			
	12	Kumar Tiwari	THA075BCT023	Decentralized File Storage System for Web3 with IPFS	Er. Binod Sapkota	
		Nischal Bhattarai	THA075BCT031			
		Rupesh Shrestha	THA075BCT035			
		Sandesh Pokhrel	THA075BCT038			

BATCH 2076						
Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner

BCT MINOR PROJECT BATCH 2076	1	Amit Raj Pant	THA076BCT005	A comparative analysis of different CNN Architectures for Pulmonary Disease Classification: Inception v3 vs. ResNet-50	Er. Suramya Sharma Dahal	Er. Manoj Ghimire Co-founder / Chief Executive Officer RARA Digital Lab Pvt. Ltd. Manbhawan, Lalitpur
		Pilot Khadka	THA076BCT025			
		Rajin Khatri	THA076BCT034			
		Sujan Lamichhane	THA076BCT045			
	2	Prajesh Shrestha	THA076BCT028	Automatic Identification of Monuments in Images using Single-Shot Detectors	Er. Dinesh Baniya Kshatri	
		Rishav Subedi	THA076BCT036			
		Santosh Pandey	THA076BCT041			
		Ujjwal Paudel	THA076BCT048			
	3	Pratigya Paudel	THA076BCT029	Real-time License Plate Detection using YOLO	Er. Binod Sapkota	
		Pratima Dawadi	THA076BCT030			
		Rashmi Khadka	THA076BCT035			
		Sushank Ghimire	THA076BCT047			
	4	Bishal Rijal	THA076BCT014	Deforestation Detection from Satellite Images using Machine Learning	Er. Anil Pudasaini	
		Dipesh Bartaula	THA076BCT015			
		Ngawang Sopha Tamang	THA076BCT021			
		Shiwani Shah	THA076BCT042			
	5	Arahanta Pokhrel	THA076BCT009	The Dorm Den: A MERN Stack Hostel Web Application	Er. Praches Acharya	Er. Anil Verma Assistant Professor Department of Electronics and Computer Engineering Institute of Engineering, Purwanchal Campus
		Bikrant Bidari	THA076BCT013			
		Sameer Shrestha	THA076BCT039			
		Sudeep Kaucha	THA076BCT044			
	6	Anuj Rayamajhi	THA076BCT007	Comparative Study for Grammar Error Correction using Encoder-Decoder and T5 Transformer model	Er. Kiran Chandra Dahal	
		Anup Gelal	THA076BCT008			

	Grishma Raj Khanal	THA076BCT016			
	Kaustuv Karki	THA076BCT017			
7	Aayush Regmi	THA076BCT002	Analyzing Player Similarity in Top 5 European Football Leagues Using Advanced Statistics	Er. Umesh Kanta Ghimire	
	Arun Subedi	THA076BCT010			
	Bijay Khanal	THA076BCT012			
	Subrat Sharma	THA076BCT043			
8	Abhishek Chaudhary	THA076BCT003	Fake News Detection Using BERT Model	Er. Kshetraphal Bohara	
	Adhip Bhattarai	THA076BCT004			
	Kshitiz Poudel	THA076BCT018			
	Nandan Singh	THA076BCT020			
9	Ankit B.K.	THA076BCT006	Plagiarism Detection in Nepali Thesis	Er. Saroj Shakya	Er. Anku Jaiswal Assistant Professor Department of Electronics and Computer Engineering Institute of Engineering, Pulchowk Campus
	Ayush Batala	THA076BCT011			
	Mishan Thapa Kshetri	THA076BCT019			
	Nishant Uprety	THA076BCT023			
10	Prabin Bohara	THA076BCT026	Mode-Based Real Time Music Generation Using Recurrent Neural Network	Er. Shikhar Bhattarai	
	Prabin Sharma Poudel	THA076BCT027			
	Raj Kumar Dhakal	THA076BCT033			
	Sajjan Acharya	THA076BCT038			
11	Nikhil Pradhan	THA076BCT022	Menstrual Period Tracker	Er. Bisikha Subedi	
	Nistha Bajracharya	THA076BCT024			
	Prinsa Joshi	THA076BCT031			
	Samman Babu Amgain	THA076BCT040			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEI MINOR PROJECT BATCH 2076	1	Aashish Pant	THA076BEI003	IoT Device for Crop Recommendation using AI	Er. Saroj Shakya	Dr. Ganesh Gautam Assistant Professor Department of Electronics and Computer Engineering Institute of Engineering, Pulchowk Campus
		Kaustub Niraula	THA076BEI012			
		Rajendra Baskota	THA076BEI021			
		Rijan Ghimire	THA076BEI022			
	2	Ayush Acharya	THA076BEI007	IOT Smart Bus System with NFC/RFID GPS Transit	Associate Professor Er. Shanta Maharjan	
		Anupam Bhattarai	THA076BEI008			
		Jagadish Shrestha	THA076BEI010			
		Mahesh Banjade	THA076BEI014			
	3	Satyam Ghimire	THA076BEI029	Nepali Sign Language Recognition and Translation in Text and Speech using Open CV and CNN	Er. Anil Pudasaini	
		Saurav Bhandari	THA076BEI030			
		Birat Poudel	THA076BEI034			
		Sijan Bhattarai	THA076BEI035			
	4	Shashank Ghimire	THA076BEI032	Automatic Name-based Software Bug Detection during Static Program Analysis	Er. Dinesh Baniya Kshatri	
		Shirshak Acharya	THA076BEI033			
		Yunij Karki	THA076BEI044			
		Dipu Dahal	THA076BEI045			
	5	Apsara Shrestha	THA076BEI006	Smart Bill Master with Sales Analyzer	Er. Praches Acharya	Er. Yogesh Aryal Electronics Engineer Ministry of Education, Science and Technology Singhadurbar, Kathmandu
		Bishwambhar Dahal	THA076BEI009			
		Sirjana Bhatta	THA076BEI036			

	Sujana Acharya	THA076BEI038			
6	Abiral Karki	THA076BEI004	Use of Deep Neural Network in Garbage Fullness Determination	Er. Devendra Kathayat	
	Laxman Rijal	THA076BEI013			
	Nikesh Kazi Lepcha	THA076BEI015			
	Pradeep Chhetri	THA076BEI018			
7	Anuka K.C.	THA076BEI005	Hike - Track: ATtracking System for Hikers using Long Range Module	Er. Hasina Shakya	
	Niraj Kumar Thakur	THA076BEI016			
	Vickey Pandey	THA076BEI043			
	Nirajan Dhaurali	THA076BEI048			
8	Aakash Shrestha	THA076BEI001	Reliability Analysis of 12V DC Motor	Er. Kshetraphal Bohara	
	Rukesh Prajapati	THA076BEI026			
	Sujan Prasad Bhattarai	THA076BEI037			
	Ujjwal Shrestha	THA076BEI041			
9	Paras Pujara	THA076BEI017	An Electronic Watch Dog	Er. Suramya Sharma Dahal	Er. Madan Neupane Deputy General Manager Civil Aviation Authority of Nepal Babar Mahal, Kathmandu
	Prasamsha Dotel	THA076BEI019			
	Rajat Dulal	THA076BEI020			
	Suramya Pokharel	THA076BEI039			
10	Aakash Singh Thapa	THA076BEI002	Vehicle Pollution Detection System using IoT and finding percentage purity of petrol.	Er. Umesh Kanta Ghimire	
	Bipin Gajurel	THA076BEI023			
	Nikit Mehta	THA076BEI047			
11	Joseph Thapa Magar	THA076BEI011	Micromouse	Er. Kiran Chandra Dahal	
	Rituram Ojha	THA076BEI024			

		Rupak Mani Sharma	THA076BEI027			
		Shankar Bhandari	THA076BEI031			
	12	Roshan Pokharel	THA076BEI025	Automobile Data Logger with Alert System	Er. Shikhar Bhattarai	
		Suyog Adhikari	THA076BEI040			
		Ujjwol Poudel	THA076BEI042			
		Manoj Paudel	THA076BEI046			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BCT & BEI COMBINED MAJOR PROJECT BATCH 2076 [Day 1]	1	Bipin Gajurel	THA076BEI023	Harnessing Machine Learning for Segmentation & Churn Analysis	Er. Kiran Chandra Dahal	Er. Gopal Karn Kantipur Engineering College Dhapakhel, Lalitpur
		Shankar Bhandari	THA076BEI031			
		Nikit Mehta	THA076BEI047			
	2	Ayush Acharya	THA076BEI007	Deep Learning based System for Ingredient Recognition and Recipe Insight	Associate Professor Er. Shanta Maharjan	
		Anupam Bhattarai	THA076BEI008			
		Jagadish Shrestha	THA076BEI010			
		Mahesh Banjade	THA076BEI014			
	3	Joseph Thapa Magar	THA076BEI011	Learning-based Model Predictive Controller for Drink Dispensing Robotic Arm Relying on Multimodal Inputs	Er. Dinesh Baniya Kshatri	Dr. Kishor Adhikari National College of Engineering Talchhikhel, Lalitpur
		Rituram Ojha	THA076BEI024			
		Rupak Mani Sharma	THA076BEI027			
		Sujan Prasad Bhattarai	THA076BEI037			
	4	Abiral Karki	THA076BEI004	SLAM Guided Path Planning for Goal-Driven	Er. Devendra Kathayat	

		Laxman Rijal	THA076BEI013	**Wheelchair Robot**		
		Nikesh Kazi Lepcha	THA076BEI015			
		Pradeep Chhetri	THA076BEI018			
	5	Amit Raj Pant	THA076BCT005	**FPGA based Accelerator Co-design using Neural Architectural Search**	**Associate Professor Er. Shanta Maharjan**	
		Bishal Rijal	THA076BCT014			
		Kshitiz Poudel	THA076BCT018			
		Pilot Khadka	THA076BCT025			
	6	Apsara Shrestha	THA076BEI006	**MediVQA: Medical Visual Question Answering using VisualBERT**	**Er. Saroj Shakya**	**Dr. Bishesh Khanal** **Nepal Applied Mathematics and Informatics Institute for Research Jwagal, Lalitpur**
		Bishwambhar Dahal	THA076BEI009			
		Sirjana Bhatta	THA076BEI036			
		Sujana Acharya	THA076BEI038			
	7	Rajendra Baskota	THA076BEI021	**Unmasking the Creator: Identifying AI-generated and Human-crafted Texts and Images**	**Er. Praches Acharya**	
		Shirshak Acharya	THA076BEI033			
		Yunij Karki	THA076BEI044			
		Dipu Dahal	THA076BEI045			
	8	Paras Pujara	THA076BEI017	**Exploring Meta-Heuristic Algorithms for 5G Multi-Tier Radio Access Network Planning**	**Er. Binod Sapkota**	**Dr. Subodh Nepal** **Ministry of Communication and Information Technology Singhadurbar, Kathmandu**
		Rijan Ghimire	THA076BEI022			
		Shashank Ghimire	THA076BEI032			
		Ujjwal Shrestha	THA076BEI041			
	9	Anuka K.C.	THA076BEI005	**Speak-Smooth: Enhancing Speech Fluency for Stutterers**	**Er. Umesh Kanta Ghimire**	
		Niraj Kumar Thakur	THA076BEI016			
		Vickey Pandey	THA076BEI043			

		Nirajan Dhaurali	THA076BEI048			
10		Roshan Pokharel	THA076BEI025	ArtiGen: Transfigure Images via Sketch-guided Generative Model	Er. Umesh Kanta Ghimire	Er. Sanjivan Satyal Institue of Engineering, Pulchowk Campus Pulchowk, Lalitpur
		Suyog Adhikari	THA076BEI040			
		Ujjwol Poudel	THA076BEI042			
		Manoj Paudel	THA076BEI046			
11		Abhishek Chaudhary	THA076BCT003	Question-Answer Generation using T5 transformer	Er. Anku Jaiswal	
		Adhip Bhattarai	THA076BCT004			
		Arahanta Pokhrel	THA076BCT009			
		Rishav Subedi	THA076BCT036			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BCT & BEI COMBINED MAJOR PROJECT BATCH	1	Nandan Singh	THA076BCT020	Continual Monument Detection using a Class Incremental Approach	Er. Kiran Chandra Dahal	Dr. Basanta Joshi Institue of Engineering, Pulchowk Campus Pulchowk, Lalitpur
		Ngawang Sopha Tamang	THA076BCT021			
		Pratima Dawadi	THA076BCT030			
		Santosh Pandey	THA076BCT041			
	2	Prabin Bohara	THA076BCT026	Virtual Try-On Using Generative Modeling	Er. Umesh Kanta Ghimire	
		Prabin Sharma Poudel	THA076BCT027			
		Raj Kumar Dhakal	THA076BCT033			
		Sajjan Acharya	THA076BCT038			
	3	Prajesh Shrestha	THA076BCT028	Unriddling and Synthesizing Crosswords using Transformer-based Question-Answer Models	Er. Dinesh Baniya Kshatri	Dr. Suman Raj Bista Postdoctoral Researcher Australian Centre for
		Pratigya Paudel	THA076BCT029			

2076 [Day 2]		**Sushank Ghimire**	THA076BCT047			**Robotic Vision Queensland University of Technology**
		Ujjwal Paudel	THA076BCT048			
	4	**Aakash Singh Thapa**	THA076BEI002	**PuzzleFlow: Solving Jigsaw-Like Puzzles with Transformer Powered Flow Based Architecture**	**Er. Suramya Sharma Dahal**	
		Prasamsha Dotel	THA076BEI019			
		Rajat Dulal	THA076BEI020			
		Suramya Pokharel	THA076BEI039			
	5	**Aayush Regmi**	THA076BCT002	**Redefining News Broadcasting using AI-Based News Anchor**	**Er. Binod Sapkota**	**Er. Santa Basnet** santa.basnet@wiseyak.c om Wiseyak Solutions Pvt. Ltd. Naxal, Kathmandu
		Anuj Rayamajhi	THA076BCT007			
		Arun Subedi	THA076BCT010			
		Kaustuv Karki	THA076BCT017			
	6	**Satyam Ghimire**	THA076BEI029	**Conversational Computational Empathy using Transformer based Model for Automating Customer Call Support**	**Er. Prakash Chandra Prasad**	
		Saurav Bhandari	THA076BEI030			
		Birat Poudel	THA076BEI034			
		Sijan Bhattarai	THA076BEI035			
	7	**Ankit B.K.**	THA076BCT006	**Plagiarism Detection in Nepali Thesis**	**Er. Saroj Shakya**	**Dr. Aman Shakya** **Institue of Engineering, Pulchowk Campus Pulchowk, Lalitpur**
		Ayush Batala	THA076BCT011			
		Mishan Thapa Kshetri	THA076BCT019			
		Nishant Uprety	THA076BCT023			
	8	**Rashmi Khadka**	THA076BCT035	**Aspect Based Sentiment Analysis for Nepali Financial News**	**Er. Umesh Kanta Ghimire**	
		Sameer Shrestha	THA076BCT039			
		Shiwani Shah	THA076BCT042			
		Sujan Lamichhane	THA076BCT045			

	S. No	Student Name	Roll No	Project Title	Supervisor	External Examiner
	9	Nikhil Pradhan	THA076BCT022	Linear Math Word Problem with T5 Model and Policy-based RL	Er. Bibat Thokar	Er. Himalaya Kakshapati
		Nistha Bajracharya	THA076BCT024			Facet Technology Pvt. Ltd. Dhumbarahi, Kathmandu
		Prinsa Joshi	THA076BCT031			
		Samman Babu Amgain	THA076BCT040			
	10	Bikrant Bidari	THA076BCT013	Baghchal Bot with MCTS and self-play based RL	Er. Suramya Sharma Dahal	
		Dipesh Bartaula	THA076BCT015			
		Rajin Khatri	THA076BCT034			
		Sudeep Kaucha	THA076BCT044			
	11	Anup Gelal	THA076BCT008	Application of Distributed Ledger Technology for Streamlining the Supply Chain in FMCG	Er. Praches Acharya	Er. Om Prakash Mahato
		Bijay Khanal	THA076BCT012			Nepal Telecommunications Authority Jamal, Kathmandu
		Grishma Raj Khanal	THA076BCT016			
		Subrat Sharma	THA076BCT043			
	12	Aakash Shrestha	THA076BEI001	Schema-Aware NL Query Parser for MongoDB	Bisikha Subedi	
		Aashish Pant	THA076BEI003			
		Kaustub Niraula	THA076BEI012			
		Rukesh Prajapati	THA076BEI026			

				BATCH 2077		
Batch	S. No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BC	1	Aayush Man Shrestha	THA077BCT003	Multi-Speaker Neural Voice Cloning in Nepali Language	Er. Dinesh Baniya Kshatri	Er. Madan Neupane
		Aditya Bajracharya	THA077BCT006			Civil Aviation Authority of Nepal Babar Mahal,

T MI NO R PR OJ EC T BA TC H 207 7		Projan Shakya	THA077BCT037			Kathmandu
	2	Arjan Sapkota	THA077BCT012	'Ghadi' - A 3D Watch Visualizer with Augmented Reality	Er. Umesh Kanta Ghimire	
		Girban Adhikari	THA077BCT017			
		Jivan Acharya	THA077BCT019			
		Subarna Ghimire	THA077BCT043			
	3	Abilash Maharjan	THA077BCT004	Modeling an Intelligent Agent to Play Super Mario Bros. Game with Reinforcement Learning	Er. Binod Sapkota	Dr. Suman Raj Bista **Postdoctoral Researcher Australian Centre for Robotic Vision Queensland University of Technology**
		Anmol Kumar Gupta	THA077BCT011			
		Shailendra Rawal	THA077BCT041			
	4	Kritika Acharya	THA077BCT024	Lumber Spine MRI Super-Resolution Using SRGANs	Er. Suramya Sharma Dahal	
		Rashna K.c.	THA077BCT039			
		Suyog Acharya	THA077BCT045			
		Yogesh Aryal	THA077BCT046			
	5	Atul Shreewastav	THA077BCT013	Presentify: Presentation Slide Generation using NLP and Deep Learning	Er. Saroj Shakya	
		Bidhan Acharya	THA077BCT015			
		Nischal Paudel	THA077BCT028			
		Yugratna Humagain	THA077BCT047			
	6	Khemraj Shrestha	THA077BCT020	EMIS System for IOE Constituent Campuses	Associate Professor Er. Shanta Maharjan	Er. Sudeep Shakya **Kathmandu Engineering College Ganeshman Singh Road, Kathmandu**
		Niyoj Oli	THA077BCT029			
		Om Prakash Sharma	THA077BCT030			
		Punam Shrestha	THA077BCT038			

7	Aarogya Bhandari	THA077BCT001	'Samadhan' – A Local Government Service Query Chatbot	Er. Bisikha Subedi	
	Aayush Pokharel	THA077BCT002			
	Piyush Luitel	THA077BCT031			
	Prashant Bhusal	THA077BCT034			
8	Kristina Bhandari	THA077BCT022	ResuMate: An Automated Resume Screening System	Er. Kshetraphal Bohara	Er. Birodh Rijal Everest Engineering College Sanepa, Lalitpur
	Kristina Ghimire	THA077BCT023			
	Pradeepti Dongol	THA077BCT033			
	Namita Bhatta	THA077BCT048			
9	Manoj Paudel	THA077BCT025	Writer Prediction based on Handwritten Text	Er. Praches Acharya	
	Prince Poudel	THA077BCT036			
	Ronish Shrestha	THA077BCT040			
	Sonish Poudel	THA077BCT042			
10	Anish Raj Manandhar	THA077BCT010	AI Based Bone Age Prediction	Er. Ganesh Kumal	
	Nabin Shrestha	THA077BCT026			
	Prayush Bhattarai	THA077BCT035			
11	Adarsh Ghimire	THA077BCT005	Nepali News Summarizer Using Transformer	Er. Kiran Chandra Dahal	Er. Himalaya Kakshapati Facet Technology Pvt. Ltd. Dhumbarahi, Kathmandu
	Kishan Adhikari	THA077BCT021			
	Nasir Hussain	THA077BCT027			
	Prabuddha Jung Thapa	THA077BCT032			
12	Amar Dura	THA077BCT007	Nepali Spelling Correction Using Transformer Model	Er. Bibat Thokar	
	Ayush Bhandari	THA077BCT014			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
		Harish Joshi	THA077BCT018			
		Sugam Pokharel	THA077BCT044			

Batch	S.No	Student Name	Roll No	Project Title	Supervisor	External Examiner
BEI MINOR PROJECT BATCH 2077	1	Aayush Pathak	THA077BEI002	Virtual Hand Simulation Of Hand Gesture Using Hall Effect Sensor	Er. Saroj Shakya	Er. Shankar Gangaju Civil Aviation Authority of Nepal Babar Mahal, Kathmandu
		Bal krishna Shah	THA077BEI010			
		Sabin Acharya	THA077BEI035			
		Safal Karki	THA077BEI036			
	2	Ashim Panthi	THA077BEI009	Design of Arduino Based Mini-Oscilloscope	Er. Binod Sapkota	
		Bishal Khadka	THA077BEI015			
		Samir Khanal	THA077BEI038			
		Sworup Karki	THA077BEI047			
	3	Abhinav Chalise	THA077BEI003	Vision-aided Mechanical Design for an Autonomous Rubik's Cube Solver	Er. Dinesh Baniya Kshatri	Er. Ajay Bhattarai Nepal Doorsanchar Company Ltd. Jawalakhel, Lalitpur
		Nimesh Gopal Pradhan	THA077BEI026			
		Nishan Khanal	THA077BEI027			
		Prashant Raj Bista	THA077BEI032			
	4	Aadarsha Khadka	THA077BEI001	Hawkeye LBW Prototype	Er. Devendra Kathayat	
		Anand Gharti	THA077BEI006			
		Biplav Raj Chitrakar	THA077BEI012			
		Raman Bhattarai	THA077BEI033			
	5	Bishal Bhandari	THA077BEI013	RFID-Integrated Smart Inventory System with Instant Web Updates	Er. Suramya Sharma Dahal	Er. Sagun Manandhar

	Kalyan Kumar Shrestha	THA077BEI020			**Kathmandu Engineering College Ganeshman Singh Road, Kathmandu**
	Kiran Chand	THA077BEI023			
	Mohit Bhusal	THA077BEI025			
6	Pragyan Bhattarai	THA077BEI030	Basic Stationery Vending Machine Using RFID Technology	Er. Sudip Rana	
	Shakshi Kejriwal	THA077BEI044			
	Sudipti Upreti	THA077BEI045			
7	Chandra Mohan Sah	THA077BEI017	Public Transportation Assistance using Artificial Neural Network	Er. Kiran Chandra Dahal	**Er. Yogesh Aryal** **Ministry of Education, Science and Technology Singhadurbar, Kathmandu**
	Hari Krishna Joshi	THA077BEI018			
	Jyotsna Jha	THA077BEI019			
	Khagendra Raj Joshi	THA077BEI022			
8	Anish Timsina	THA077BEI007	GPS-Based Vehicle Tracking and Accelerometer-driven Crash Detection	Er. Kshetraphal Bohara	
	Kapur Pant	THA077BEI021			
	Saugat Neupane	THA077BEI043			
	Sugam Khatiwada	THA077BEI046			
9	Prahlad Acharya	THA077BEI031	Multi-Sensor Surveillance Droid for Monitoring Mines	Er. Umesh Kanta Ghimire	**Er. Ritu Raj Lamsal** **PhD Research Scholar University of Malaga, Spain**
	Rijan Pokhrel	THA077BEI034			
	Sakar Dahal	THA077BEI037			
	Vishal Sigdel	THA077BEI048			
10	Bishal Giri	THA077BEI014	Remote Assisted Automatic Water Level Regulator	Associate Professor Er. Shanta Maharjan	
	Nixon Raj Dhakal	THA077BEI028			
	Prabuddha Kandel	THA077BEI029			

		Santosh Acharya	THA077BEI040			
	11	Arnab Manandhar	THA077BEI008	**SmartCal: Precise Calorie Estimation with Deep Learning-Powered Food Detection**	Er. Praches Acharya	
		Bikash Pandey	THA077BEI011			
		Chandan Kumar Pandit	THA077BEI016			
		Looza Subedy	THA077BEI024			