

Roll Number	Name	MTP Topic	MTP Guide	MTP Co-Guide	Areas related to your MTP work
163050001	Himanshu Agarwal	Acoustic model adaptation using dialectal speech	Prof. Preethi Jyothi		Machine Learning, Deep Learning, Natural Language Processing, Speech Recognition
163050002	Ujjwal Jain	Structured Prediction using Deep Learning	Prof. Sunita Sarawagi		Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement Learning, Natural Language Processing, Speech Recognition
163050003	Krishna Murthy Bukkapatnam	An Implementation of Karger's network reliability algorithm	Prof. Sundar Vishwanathan		Algorithms, Automata and Complexity Theory
163050004	Sreyans Nahata	Application Fingerprinting by analysis of Encrypted Network traffic	Prof Bernard Menezes		Network Security and Cryptography, Computer Networks, Machine Learning
163050005	Mustafa Filmwala	Lattice based cryptograpic attack	Prof. Bernard L. Menezes		Network Security and Cryptography
163050006	Vijayalakshmi Vedantham	Fake news detection	Soumen chakrabarti	S. Sudarshan	Artificial Intelligence, Machine Learning, Deep Learning, IR and Web Mining, Natural Language Processing
163050007	VERTIKA SRIVASTAVA	EXTREME MULTI LABEL CLASSIFICATION	PROF. GANESH RAMAKRISHNAN		Machine Learning, Deep Learning, IR and Web Mining
163050009	Saurabh Kadian	Analyzing time and space complexities in reachability and matching problems	Prof. Nutan Limaye		Algorithms, Automata and Complexity Theory
163050010	Ashish Mithole	Fake News Detection	Prof. Sudarshan	Prof. Soumen Chakrabarti	Databases, Machine Learning, Deep Learning, IR and Web Mining, Natural Language Processing
163050011	Ashish Rawat	Derivation Assistant for Functional Programs	Prof. Amitabha Sanyal	Prof. Amey Karkare	Functional Programming, Program Synthesis
163050012	Abhinav Jain	Language Modelling and Pronunciation Modelling in Dialectal Speech Recognition	Preethi Jyothi		Machine Learning, Deep Learning, Natural Language Processing, Speech Recognition
163050013	Kanase Akash Shahaji	Writing an framework for building virtual network functions. Use an in-house built library to build a telecom network function: IMS (IP Multimedia Subsystem) and re-define the library to make it generic.	Professor Mythili Vutukuru		Computer Networks, Operating Systems, Virtualisation and Cloud Computing, Kernel Programming, Mobile Computing
163050014	Ayush Singh	SAFE Android App	Prof. Kameswari Chebrolu		Computer Networks, Software Engineering, Mobile Computing, Android Development
163050016	Abhilash Panicker	Leveraging Side Information for Transcription of Spoken Tutorials	Prof. Preethi Jyothi		Deep Learning, Speech Recognition [1]
163050017	Pragy Agarwal	Reinforcement Learning with Constraints on Action Selection	Prof. Shivaram Kalyanakrishnan		Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement Learning
163050018	Harsh Rathee	Video Summarization	Prof. Ganesh Ramakrishnan,	Prof. Preethi Jyothi, Prof. Suyash Awate	Computer Vision, Machine Learning, Speech Recognition
163050019	Deepak Gupta	End To End Audio Visual Speech Recognition	Prof. Preethi Jyothi	Prof. Sunita Sarawagi	Computer Graphics, Computer Vision, Distributed Systems, Digital Signal Processing, Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement Learning, IR and Web Mining, Natural Language Processing, Speech Recognition
163050020 [2]	Yugal Sachdev [3]	Supervised Learning of Mode of the Labels [4]	Prof. J. Saketha Nath [5]		Machine Learning [6]
163050021	Suresh Sudhakaran	Space Leaks in Haskell	Amitabha Sanyal		Compilers and Programming Languages, Functional Programming
163050022	Kalyani Dole	Robustness in temporal logics.	Prof. Krishna S		Formal Specification and Verification, Algorithms, Automata and Complexity Theory
163050024	Rushang Dhanesha	Android Network Traffic Analysis to detect App	Prof. Bernard Menezes		Network Security and Cryptography, Machine Learning
163050025	Udbhas Hazra	Seeking Equivalence of SQL Queries Using XData	Prof. S. Sudarshan		Databases
163050026	Pooja Palod	Expert finding	Prof Ganesh ramakrishnan		Machine Learning
163050027	Junoothula Rashmitha Reddy	Query Optimization in Parallel Databases	S.Sudarshan		Databases, Distributed Systems
163050028	Saurav Shrivastava	Raga Recognition	Prof Rushikesh Joshi		Machine Learning, Music Information Retrieval
163050030	SURBHI VIJAYVARGEEYA	Online Algorithms	Prof. Sundar Vishwanathan		Algorithms, Automata and Complexity Theory
163050031	Kajal Gupta	Sentiment Analysis	Prof. Pushpak Bhattacharyya		Machine Learning, Deep Learning, Natural Language Processing
163050032	Dharmendra Kumar	Android Security	Prof. R.K. Shyamsundar		Security
163050034	Ananyo Banerjee	Seeking Correctness of SQL queries	Prof. S. Sudarshan		Databases
163050035	Pranav Gupta	Data Interoperability	Prof. N.L. Sarda		Databases, Distributed Systems, Natural Language Processing
163050036	Sandeep Subramanian	Submodular Selection in Active Learning	Prof. Ganesh Ramakrishnan		Machine Learning, Deep Learning, Reinforcement Learning
163050037	Nishant Rastogi	Matchings in Graphs	Nutan Limaye Ma'am		Algorithms, Automata and Complexity Theory
163050039	Kurian Jacob	Video Summarization	Prof. Suyash Awate	Prof. Ganesh Ramakrishnan	Computer Vision, Machine Learning
163050040	Sukalyan Bhakat	Efficient Synthesis of CUDA from PGAS Languages	R K Shyamasundar		Parallel Computing

163050041	Sakshi Maskara	Neural machine translation	Prof. Pushpak Bhattacharyya		Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing
163050043	Prashanth Manjunath	Structured Prediction using Deep Neural Networks	Prof. Sunita Sarawagi		Machine Learning, Deep Learning, IR and Web Mining, Natural Language Processing
163050045	Gopesh Singh Yadav	Not yet decided	Not yet decided		Not yet decided
163050046	Deepan. M	Localization & Detection of Objects in Outdoor Videos	Prof.Ganesh Ramakrishnan		Computer Vision, Machine Learning, Deep Learning
163050048	Pratik Kalshetti	Hand Tracking	Parag Chaudhuri		Computer Graphics, Computer Vision, Deep Learning
163050050	Sudhanshu Deshmukh	Combined side channel and lattice attack on cryptographic algorithms/Implementations	Prof. Bernard Menezes		Network Security and Cryptography
163050051	Richa Verma	Pi Calculus	R.K.Joshi		Process algebra for concurrent systems
163050052	Pramay Karule	Design of a graphics library	Prof Abhiram Ranade		Computer Graphics, Compilers and Programming Languages, Algorithms, Automata and Complexity Theory
163050053	Kevin Macwan	C Compiler in Haskell	Prof. Amitabha Sanyal		Compilers and Programming Languages, Functional Programming, Program Analysis
163050054	Vinay Teja Koona	Ontology Classification	Prof. Ganesh Ramkrishnan		Machine Learning, Deep Learning
163050055	Ashish Kumar Jaiswal	Side Channel Attack	Prof. Bernard Menezes		Network Security and Cryptography
163050056	Naman Rastogi	Human Body Reconstruction (not final)	Prof. Parag Chaudhury		Computer Graphics
163050057	TRISHAL PATEL	NFV Data Plane Optimizations	Prof. Mythili Vutukuru		Computer Networks, Operating Systems, Virtualisation and Cloud Computing, SDN and NFV
163050058	Sanket Gandhare	Speech To Speech Machine Translation	Prof. Pushpak Bhattacharyya	Prof. Preethi Jyothi	Machine Learning, Natural Language Processing, Speech Recognition, Machine Translation
163050059	Aniket Kuirri	Security Analysis in multi-level databases	Prof. R K Shayamasundar		Databases, Data Security
163050060	Aishwarya Singh	Process Mining	Prof. Rushikant Joshi		Process Mining
163050061	Devendra Kumar Verma	Extracting sequence diagrams from Court Judgements	Prof. Pushpak Bhattacharyya		Natural Language Processing
163050062	Ajay Gupta	Extracting Instances of an ER schema from Document in legal Domain	Prof. Pushpak Bhattacharraya		Machine Learning, IR and Web Mining, Natural Language Processing, Information Extraction
163050063	Saket Bhojane	Security related topic (yet to finalize)	Prof. G Sivakumar		Network Security and Cryptography
163050064	Kanchan	Sentiment and Emotion Analysis	Prof. Pushpak Bhattacharyya		Natural Language Processing
163050066	Khushboo Agarwal	Extreme Classification and Multi Instance Multi Label Learning	Ganesh Ramakrishnan		Machine Learning, Deep Learning
163050067	Utkarash Kumar Singh	Implementation of Model Checking Algorithms	Prof. R. K. Joshi		Formal Specification and Verification, Modelling And Simulation
163050068	Anand Namdev	Machine Translation	Prof. Pushpak Bhattacharyya		Machine Learning, Deep Learning, Natural Language Processing
163050069	Akshat Jaiswal	Extreme classification	Sunita Sarawagi		Machine Learning
163050070	amit kumar	Doom with GAN	Prof. G. Sivakumar		Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement Learning
163050071	Anbarasan	Analysing Android applications for Security	Prof. RK Shyamasundar		Program Analysis, Network Security and Cryptography, OS Security
163050072	Vicky Kumar Mahesh Prasad Gupta	SAFE(smart authenticated fast exams for student evaluation in classrooms)	Prof. Kameswari Chebrolu		Web Engineering
163050074	Prashant Maurya	A platform to debug malicious code of android application.	Prof. R. K. Shyamsunder		System Security
163050076	Mohammed Kaleem	Modelling With Petri Net (Distributed Change Region Detection)	Rushikesh K. Joshi		Software Engineering
163050078	Gaurav Kumar	Topics in Algorithm	Ajit A. Diwan		Algorithms, Automata and Complexity Theory
163050079	Awisha Makwana	Database Support for streaming of energy data	Prof. Krithi Ramamritham		Databases
163050080	Prafull Gangawane	DoubleDecker: Differentiated Hypervisor Caching for Derivative Clouds	Prof.Purushottam kulkarni		Computer Architecture, Operating Systems, Virtualisation and Cloud Computing, Kernel Programming
163050082	Swapnil Chauthmal	Efficient synthesis of CUDA from PGAS Languages	Prof. R. K. Shyamasundar		Parallel Computing
163050083	Shifali Sonkar	Text based extraction of ontology	Prof. R. K. Joshi		Natural Language Processing
163050084	Rahul Anand	Implementation of Model Checking Algorithm	Prof R K Joshi		Modelling And Simulation
163050085	Uendra Jeliya	Query Optimization in Spark	Prof. S.Sudarshan		Databases
163050086	DEEPANSHU GAUTAM	SECURE QUESTION BANK	Prof. Kameswari Chebrolu		Network Security and Cryptography, Software Engineering, Web security and question paper design
163050087	Vivek kumar Arya	Topics in Markov Chains	Prof. Sundar Vishwanathan		Algorithms, Automata and Complexity Theory, Machine Learning, Reinforcement Learning
163050088	Akash Rangari	Security in SDN and NFV	Prof R.K. Shyamsundar		Computer Networks

163050089	ANAND KUMAR	KYC using Blockchain with granularity	R.K. Shyamasundar	Network Security and Cryptography, Databases, Distributed Systems, E-Commerce
163050090	Shardul Singh	Intrusion Detection System and its implementations	Prof G.Sivakumar	Network Security and Cryptography
163050091	Goutam Lavudiya	Process Mining	Prof. R.K. Joshi	Process Mining
163050092	Clarence Star Wanrap	Software Defined Network Security	Prof. R. K. Shyamasundar	Network Security and Cryptography
163050093	Sejal Patel	Attribute based access control	R K shyamsundar	Network Security and Cryptography
163050095	Parth Lathiya	AI learning system for traffic signal control	Prof. Krithi Ramamritham	Computer Vision, Embedded Systems, Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement Learning

[1] Responder updated this value.

[2] Responder updated this value.

[3] Responder updated this value.

[4] Responder updated this value.

[5] Responder updated this value.

[6] Responder updated this value.