

Supervisor	Topic No.	Topic Name	Assigned Students						
Dr. Muhammad Masroor Ali	Topic 1	Semantic specification of program for development	1505003	1505100	1505107				
	Topic 2	Semantic detection of malicious code in programs	1505038	1505056	1505051				
Dr. Md. Abul Kashem Mia	Topic 1	Algorithmic bioinformatics	1505117	1505063	1505029	1505072	1505115	1505074	
Dr. Md. Saidur Rahman	Topic 1	Graph Drawing Algorithms							
	Topic 2	Complex NetworkS Analysis							
	Topic 3	Data Clustering and Facility Assignment Problems							
	Topic 4	Algorithmic Challenges with Big Data	1505097	1505120					
	Topic 5	Bioinformatics Algorithms	1505064	1505010	1505043	1505044			
	Topic 6	Advanced Algorithms							
	Topic 7	Deep Learning Based Approach for Social Network Analysis							
Dr. Md. Monirul Islam	Topic 1	Application of deep learning in Bangla character recognition	1505009	1505042					
	Topic 2	Application of machine learning approaches for real-world data mining tasks	1505087	0405035					
	Topic 3	Neural Network ensemble for pattern classification, specifically for health related classification tasks	1505106	1505103					
	Topic 4	Multi-objective optimization							
Dr. Md. Mostofa Akbar	Topic 1	Controlling Electrical Appliances using BeMOSS	1505104	1505119					
	Topic 2	Low cost paperless warranty card	1505098						
	Topic 3	Development of Documet management System	1505096						
	Topic 4	Secured web browsing for the kids	1505053						
	Topic 5	Malware Detection in the mobile devices	1505075						
Dr. Abu Sayed Md. Latiful Hoque	Any Topic		1505081	1505079	1505070	1505058	1505084	1505085	
Dr. M. Sohel Rahman	Topic 1	Machine Learning and Computational Intelligence	1505019	1505033	1505001	1505013	1505021		
	Topic 2	String and Sequence Algorithms	1505008	1505049					

Supervisor	Topic No.	Topic Name	Assigned Students						
Dr. A.K.M. Ashikur Rahman	Topic 1	Analyzing terrific traffic of Dhaka City: a small step towards bringing order into our roads.	1505110	1505112					
	Topic 2	Age and Gender classification from facial images	1505060	1505050	1505046				
	Topic 3	Low cost currency recognition system for visually impaired: Bangladesh Banknotes as case study	1505066						
Dr. Mahmuda Naznin	Topic 1	Network Virtualization	1505071	1505109					
	Topic 2	Recommendation System	1505102						
	Topic 3	Information Centric Networking	1505093						
	Topic 4	Voice and Speech Processing	1505095	1505036					
	Topic 5	Geometric modeling to analyze the morphological properties of plant tissue							
Dr. Md. Monirul Islam	Topic 1	Image processing solution for authenticity detection of paper currencies	1505116	1505113	1505017				
	Topic 2	Mathematical model for detection of image tampering/forgery							
	Topic 3	Brain/lunge tumor detection and classification from MRI/CT images							
	Topic 4	Land map digitization	1505039	1505037					
	Topic 5	Plant/crop disease classification from leaf images	1505054						
	Topic 6	Plant identification from leaf databases							
Dr. Md. Shohrab Hossain	Topic 1	Real time traffic prediction in GPS navigation app for Dhaka city	1505011						
	Topic 2	Network intrusion and anomaly detection	1505026	1505082	1505083				
	Topic 3	V2X Computing Infrastructure with offloading	1505068	1505088					

Supervisor	Topic No.	Topic Name	Assigned Students						
Dr. A. B. M. Alim Al Islam	Topic 1	Future Networking Technology: 5G and beyond 5G							
	Topic 2	Embedded Intelligence	1505073						
	Topic 3	Quantum Intelligence	1505012						
	Topic 4	Simulating Road Traffic of Dhaka for Effective Policy Making	1505111	1505062					
	Topic 5	Computing Solutions to Serve the Under-served	1505006	1505067					
Dr. Anindya Iqbal	Topic 1	Automated program repair from natural language discussion	1505052	1505065					
	Topic 2	C++ ambiguity removal using Natural Language Processing methods	1505028	1505016					
	Topic 3	Automatic error correction in Swift							
	Topic 4	Automatic SQL and NoSQL injection detection	1505069	1505114					
	Topic 5	Memory Leak Fix for Multi-threaded C/C++ Programs							
Dr. Rifat Shahriyar	Topic 1	High Performance Memory Management for Python	1505101	1505057					
	Topic 2	P2P Energy Trading for Smart Grid							
	Topic 3	Intelligent Chatbot for Adolescents in the Bengali Language							
	Topic 4	Algorithm to Code translation using Neural Machine Translation Models	1505002	1505080					
	Topic 5	Auto-suggestion/Auto-correction for code with Deep Learning	1505040	1505041					
	Topic 6	Automatic Code Repair	1505025						

Supervisor	Topic No.	Topic Name	Assigned Students						
Dr. Muhammad Abdullah Adnan	Topic 1	Automated Speech Recognition System using unpaired audio data	1505105	1505077					
	Topic 2	Audio visual speech recognition: Using lip movement for Speech Recognition							
	Topic 3	Topic and Keyword Detection from Bangla Audio	1505035	1505045					
	Topic 4	Computationally Efficient Natural Language Processing							
	Topic 5	Neural Machine Translation for Low Resource Languages	1505078						
	Topic 6	A Deep Learning Approach for Gesturization of Bangla Language							
	Topic 7	Geo-Distributed Data Analytics and Machine Learning	1505027						
	Topic 8	Transparency, Security and Privacy in Institutional Transactions Using Private Blockchains	1505047						
	Topic 9	Real-time Principal Component Analysis on Geo-Distributed Big Data							
Dr. Md. Shamsuzzoha Bayzid	Topic 1	Efficient algorithms for reconstructing phylogenetic trees (evolutionary history)							
	Topic 2	Application of machine learning in Bioinformatics	1505089	1505022	1505023	1505031	1505005	1505007	1505024
	Topic 3	Developing algorithms for handling missing data in various bioinformatics applications							
	Topic 4	Meta-heuristic algorithms for bioinformatics							
Dr. Mohammad Saifur Rahman	Topic 1	Protein attribute prediction	1505020	1505092	1505108				
	Topic 2	Alignment-free estimation of gene phylogeny	1505061	1505099	1505094				
	Topic 3	Towards improving programming language teaching/learning							
	Topic 4	Implement Bangla writing with iText and iTestSharp							

Supervisor	Topic No.	Topic Name	Assigned Students						
Dr. Sadia Sharmin	Topic 1	Recommendation System	1505032	1505055					
	Topic 2	Mobile SMS filtering	1505118						
	Topic 3	An IoT application towards waste management							
	Topic 4	Human Computer Interaction	1505090						
	Topic 5	Recommendation System	1505034						
	Topic 6	Recommendation System	1505030						
Dr. Atif Hasan Rahman	Topic 1	Perturbed Malware Detection using Sequence Alignment	1505059						
	Topic 2	Continuous Monitoring and Smart Emergency Warning System for Cardiovascular Patients	1505015	1505014					
	Topic 3	Topics in Computational Biology	1505018	1505086	1505091	1505076			