



Research Areas Available for MS (by Research) and PhD Admissions January 2025

Department/Centre	Research Areas for MS (by Research)	Research Areas for PhD
Biological Sciences & Engineering	Diagnostic Sensor Device Development	Biomedical Applications of Nanomaterials
		Virology
Data Science	Quantum Error-Correction	Quantum Error-Correction
	Distributed Storage/Computation	Distributed Storage/Computation
	Information Retrieval	Information Retrieval
	Natural Language Processing	Natural Language Processing
	Multi-agent systems	Multi-agent systems
	Computing Systems for AI	Computing Systems for AI
	IoT and Edge AI	IoT and Edge AI
Computer Science and Engineering	Machine learning and Bioinformatics	Machine learning and Bioinformatics
	Computer and Communication Systems	Computer and Communication Systems
	Computer Graphics and Geometry Processing	Computer Graphics and Geometry Processing
Electrical Engineering	Software Engineering	Software Engineering
	Signal Processing and Imaging	RF and Microwave Integrated Circuits, Antennas and Radar
	Power Electronics	
	Nanoelectronics, Optoelectronics, Semiconductor Devices	Nanoelectronics, Optoelectronics, Semiconductor Devices
	Control and Robotics	Control and Robotics
	Sensors, Measurements and Instrumentation	Sensors, Measurements and Instrumentation
Humanities and Social Sciences	Communication Engineering	Communication Engineering
	-	Phenomenology and Existentialism, Philosophy of Technology, Western Philosophy
	-	Experimental phonetics, Sociophonetics, Phonological acquisition
ESSENCE	Earth and Climate Sciences; Geoinformatics	Earth and Climate Sciences; Geoinformatics
	-	Plant Physiology; Carbon and Nutrient Recycling in Forest
Civil Engineering	Water Resources Engineering	Water Resources Engineering
	Construction Engineering and Management,	Construction Engineering and Management
	Transportation Engineering	Transportation Engineering
	Environmental Engineering	Environmental Engineering
	Earth and Climate Sciences; Geoinformatics	Structural Engineering
		Construction Materials
Earth and Climate Sciences; Geoinformatics		
Chemistry	-	Main Group Chemistry
	-	Theoretical Chemistry
	-	Fluorescence Spectroscopy
Mechanical Engineering	Solid Mechanics, Design and Dynamics	Solid Mechanics, Design and Dynamics
	Thermo-fluids Engineering	Thermo-fluids Engineering
	Materials and Manufacturing Engineering	Materials and Manufacturing Engineering
Mathematics	-	Nonlinear Analysis and PDE
Physics	-	Theoretical & Computational Physics