

**Department of Information Technology**  
**Department of Computational Mathematics**  
**Department of Interdisciplinary Studies**



<b>Code</b>	<b>Course Module</b>	<b>Credit</b>
IT 5107	Programming Essentials for Artificial Intelligence	2
IT 5421	Essentials of Artificial Intelligence	3
IT 5825	Mathematics for Artificial Intelligence	3
IT 5306	Distributed Computing Concepts for AI	2
IT 5423	Deductive Reasoning and Logic Programming	3
IT 5427	Neuroscience & Neurocomputing	3
IT 5408	Evolutionary Computing	2
IT 5410	Artificial Cognitive Systems	2
IT 5411	Fuzzy Reasoning	2
IT 5222	Data Mining and Data Warehousing	3
IT 5405	Software Agents and Swarm Intelligence	2
IT 6921	Research Methodologies (for MSc)*	3
IT 6902	Philosophy of Science (for MSc)*	2
IT 6903	Scientific Communication (for MSc)*	2
IT 5302	Cryptography & Security Mechanisms	2
IT 5422	Semantic Web & Ontological Engineering	3
IT 5406	Intelligent Solutions for Industry	2
IT 5409	Natural Language Processing	2
IT 5502	Embedded Robotics	2
IT 5512	Inductive Logic Programming	2
IT 5413	Kansei Systems	2
IT 5504	Applied Machine Learning	2
IT 5505	Reinforcement Learning	2
IN5300	Computer Organization	3
IN5410	Data Mining and Data Warehousing	3
IN5600	Multimedia Systems	3
IN5610	Image Processing and Computer Graphics	3
IN5701	Human Centered Computing	3
IS5410	IT Project Management	3
IS5400	Management Information Systems	3

IS5421	Software Testing and Quality Assurance	3
CM5401	Computational Intelligence	3
IS5910	Literature Review and Thesis writing	3
IN5900	PG Diploma Project	4
IN6911	Research Methodology	3