

LIST OF DISSERTATIONS TOPICS FOR DOCTORAL STUDIES COURSES IN 2021		
TECHNOLOGICAL SCIENCES		
Scientific area	Topics of doctoral dissertations	Supervisors
INFORMATICS ENGINEERING – T 007	1. <i>Causal modelling in cyber-physical-social systems engineering</i>	Prof. Saulius Gudas Prof. Audrius Lopata Prof. Olegas Vasilecas
	2. <i>Computer-assisted teaching and learning</i>	Prof. Valentina Dagienė Dr. Vladimiras Dolgopolas Doc. Tatjana Jevsikova
	3. <i>Parallel and distributed computing</i>	Doc. Algirdas Lančinskas Prof. Remigijus Paulavičius Prof. Julius Žilinskas
	4. <i>Computational intelligence in economics, medicine, bioinformatics, chemoinformatics, robotics and other domains</i>	Doc. Igoris Belovas Dr. Jolita Bernatavičienė Prof. Gintautas Dzemyda Prof. Saulius Gražulis Prof. Audronė Jakaitienė Prof. Olga Kurasova Dr. Virginijus Marcinkevičius Prof. Aistis Raudys Doc. Gintautas Tamulevičius Doc. Povilas Treigys Prof. Julius Žilinskas
	5. <i>Block chain technologies and cybersecurity</i>	Doc. Igoris Belovas Doc. Ernestas Filatovas Dr. Virginijus Marcinkevičius Dr. Viktor Medvedev Prof. Remigijus Paulavičius
	6. <i>Artificial intelligence-based image, audio, streaming data and natural language processing technologies</i>	Doc. Igoris Belovas Dr. Jolita Bernatavičienė

		Doc. Gražina Korvel Dr. Virginijus Marcinkevičius Prof. Aistis Raudys Doc. Gintautas Tamulevičius Doc. Povilas Treigys
	<i>7. Cognitive computing technologies: artificial intelligence, deep learning, big data, classification, recognition</i>	Dr. Jolita Bernatavičienė Prof. Gintautas Dzemyda Prof. Olga Kurasova Dr. Viktor Medvedev