



"Gheorghe Asachi" Technical University of Iasi, Romania



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A RESEARCH PROFILE

"Gheorghe Asachi" Technical University of Iasi (TUIASI) has the oldest tradition in the engineering field of education in Romania and is ranked as an university of advanced research and education, according to the Minister of Education & Research, and accredited as institution of national interest in the RTD system. The university is opened towards the European system of education and research values, joining the European dimensions of engineering education, developing and upgrading of curricula, joining the mobility schemes, the integrated programs of study and quality assurance.

TUIASI has more than 16000 students within 64 engineering specializations (BSc), 73 Master of Science programmes, 14 doctoral domains organized at the level of 11 faculties and 10 doctoral and post-doc schools with 1140 Ph.D. students, 180 Ph.D. supervisors. TUIASI has an important research dimension, having 23 accredited research centers and laboratories focused on creating and transferring knowledge, especially in multi-disciplinary high-tech engineering areas. These centers activate in different fields, within national and international research grants, research contracts with industry or governmental organizations, their activities placing our university in the Romanian top of scientific research.

The major research fields are: automation, computer science, robotics, artificial intelligence, chemical & biochemical production, water supply & wastewater treatment, waste management and recycling, environmental processes and remediation, water resources management, mechanical engineering and mechatronics, material & biomaterials science and technology, textile & clothing industries, civil engineering, electrical engineering, electric power supply, sensors production, metallurgy, industrial engineering and management, computers, electronic products, architecture and urban planning, etc.

The constant focus on interdisciplinary research, on innovation and knowledge transfer, the quality of research staff and their commitment for excellence provided a constant dynamics of research activities and visibility of TUIASI. The increased trend observed in published papers in ISI ranked journals/conference proceedings, books, national/international research grants, joint Ph.D. supervision with well-known European universities contribute to the appreciation of our university as a successful research and innovation institution able to provide proactive relationships with industry and public services, and a contributor to regional and national development.

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