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National Institute of Research and Development in Mechatronics and Measurement Technique –
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Our research topics are useful in a variety of industries: Mechanical and plant engineering, Industrial automation, Automotive, Smart home and smart city.

Our skilled team of engineers and researchers work together to find new perspectives and innovative solutions to problems arising from today's industry and society needs, that require multidisciplinary approaches in the following competence areas:

**1. Smart
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Mechatronic integrated control systems, Smart precision and control measurements, Complex automation and control systems, Embedded and real-time systems, Environmental engineering systems and renewable energy, Dynamic and vibrations, Smart thermo-technical measurements, Virtual simulation and physical testing, Software development for embedded systems, Adaptive and smart manufacturing systems, Smart micro/nano manufacturing technologies, Mechatronics for advanced manufacturing systems, Handling technology and robotics.

**2. Biomedical
Mechatronics and
Robotics:**

Biomechatronics, Smart systems, Data Acquisitions and Robotics, Investigation Microsystems, Biosensors and Biomaterials, Smart assistive platforms and devices that enhance the physical capabilities of patients, Smart assistive platforms and devices that monitor and enhance the physical capabilities of patients, Rapid Prototyping.

**3. Mechatronic
Micro and
Nanotechnologies:**

Process Micro and Nanotechnologies, Mechatronic MEMS and NEMS, Smart Measurement Technologies, Materials characterization and tribological parameters determination.

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