



Kaunas university of technology and the 1st Lithuanian Cubesat mission



Head of Technology Transfer Office
Kestutis Morkunas

Why KTU?



KAUNO
TECHNOLOGIJOS
UNIVERSITETAS

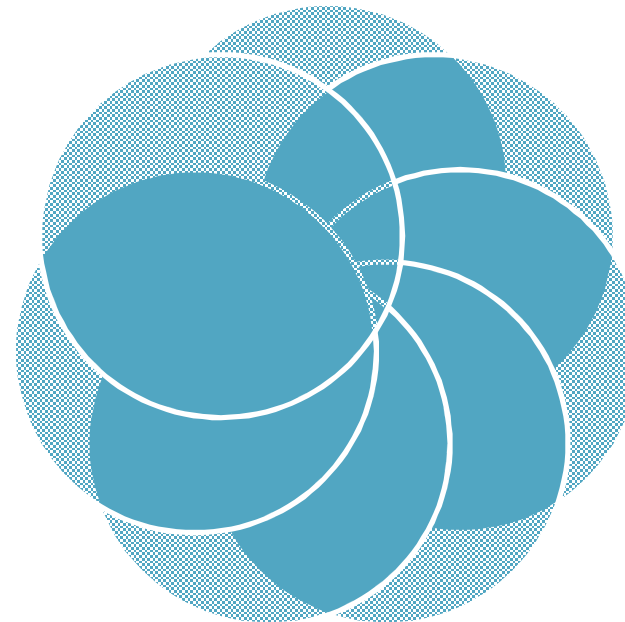
KTU Innovation and
entrepreneurship
center

Faculty of
Telecommunications
and Electronics

Faculty of
Mechanical
Engineering and
Mechatronics

Institute of
Metrology

Technological
systems diagnostics
institute



Prof. Kazimieras
Baršauskas
Ultrasound Research
Institute

Institute of Defence
Technologies

KTU is a platform and a launchpad.

KTU IEC holds the ignition key.

How did it happen @ KTU?



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KTU Innovation and entrepreneurship center is a special unit in the University.

We discover most **exciting** new **ideas**, developments and **projects** within the University.

Then we help to **make it** all **work!**

This is why we could not skip the 1st Lithuanian Cubesat mission opportunity.

Space traveling safety!



Measuring blood pressure inside the astronaut's skull (without touching the brain)

Involved partners

Cambridge University, Imperial College, Harvard University, GE, Philips, VTT, NASA, US Dept of Defense, etc.



Full speed ahead!

KTU Defense Research institute develops multiple space-traveling related projects: rockets, launching systems and “ecological green” fuel for them.



Aiming it right!

Piezo transmission that is unique in the world, invented and developed in KTU.
Precision orientation of mini satellites.



Test it for real: flying laboratories



Developed by KTU students, this flying laboratory can test the forces affecting attached object in real aerodynamic conditions.



Remote health monitoring!

A System for Atrial Fibrillation Detection, Monitoring & Management



And the great thing is

KTU students build their own separate satellites themselves



Let's talk!



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