

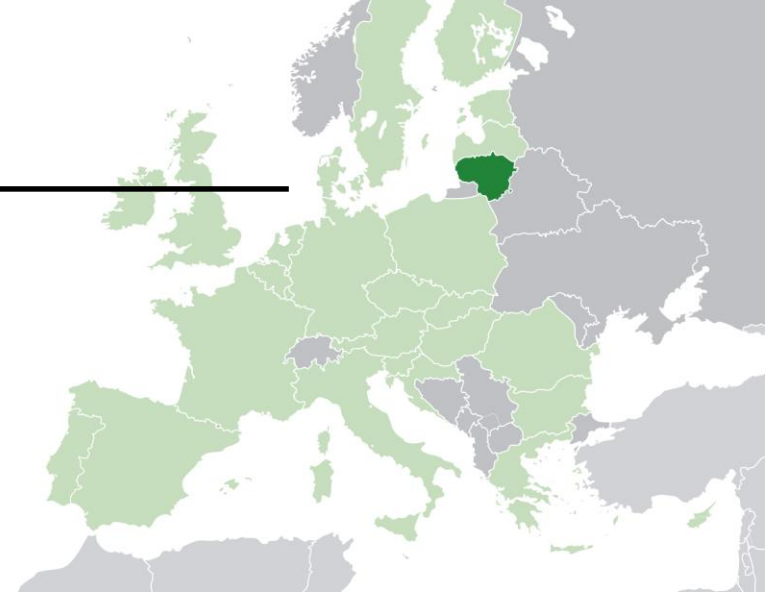


What are good practices in collaborations with non-academic partners?

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2016

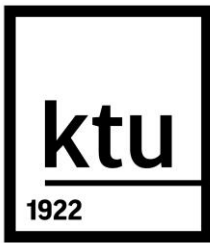
Higher education system



- 22 colleges, 22 universities
- College – study programs are focused on practice
- University – programs prevail:
 - Bachelor (BA) – 3-4 years
 - Master (MA) – 1,5-2 years
 - Doctor (PhD) – up to 4 years

PhD in Lithuania

- 4 years
- 30 ECTS credits
- A student
- State funded: tuition fee + scholarship
- Non-state funded: tuition fee ± scholarship



kaunas
university of
technology

COMMUNITY 2015



10 500
students



900
academic
staff



880
international
students



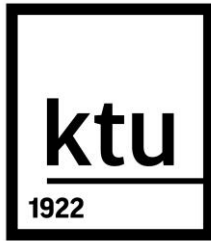
2 580
graduates



335
PhD
students



135 500
alumni



kaunas
university of
technology

Strategic priorities

- Internationalization
- Interdisciplinarity
- Innovations & cooperation with business
- Talents
- Sustainability






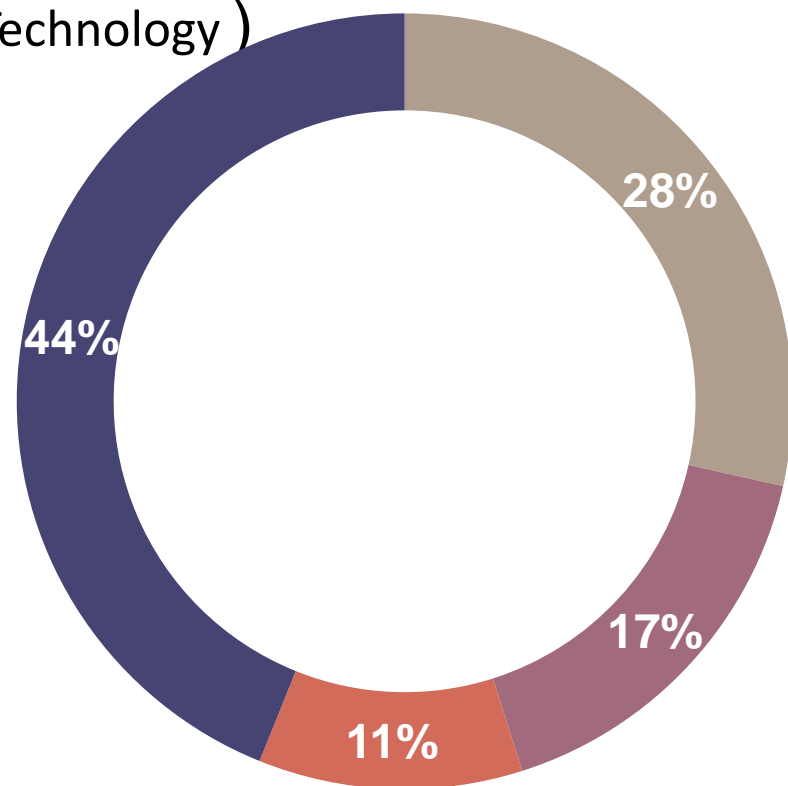


Research at KTU

KTU FUNDING SOURCES

for scientific research

-  National research grants
(e. g. Lithuanian Research Council,
Agency for Science, Innovation and Technology)
-  State
funding
-  R&D contracts for public
and private organisations
(LT and abroad)
-  International research
grants (Horizon 2020,FP7)

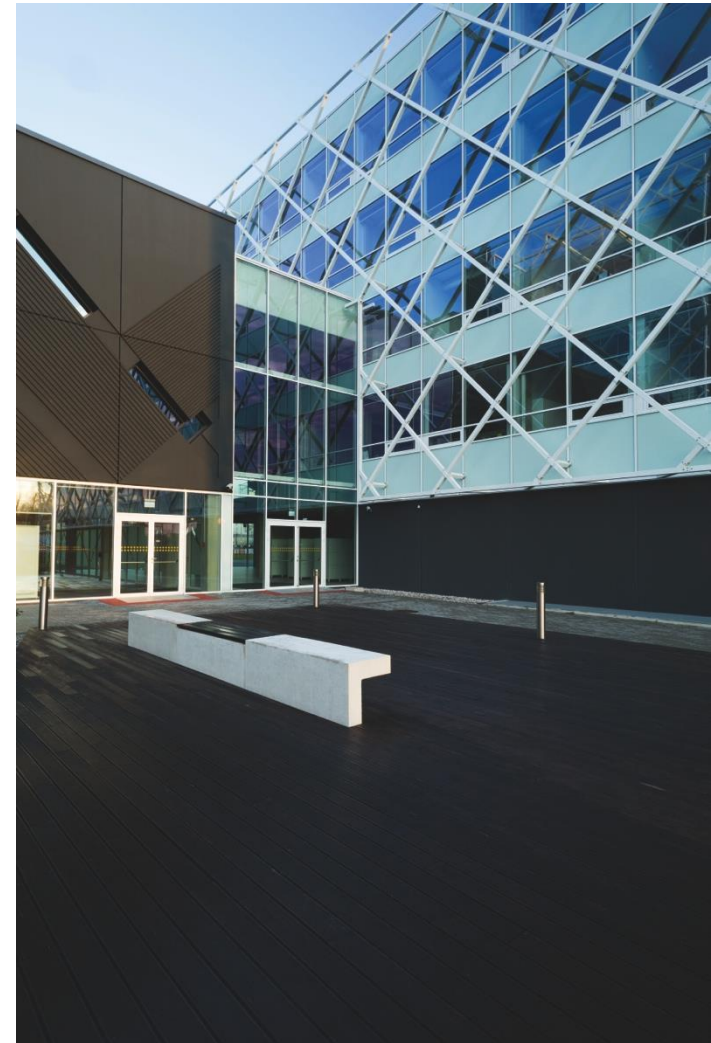


INFRASTRUCTURE

There are 6 accredited and certified science laboratories

KTU is a founding partner of two integrated science, study, and business valleys in 2014 (Santaka and Nemunas)

KTU Library stores and continuously replenishes one of the richest collections on science, technology and engineering, providing access to e-resources. University subscribes to 48 international databases provided by 22 service providers



Participation in research, technological development and demonstration projects

Programme	2011	2012	2013	2014	2015
H2020	-	-	-	-	7
7FP	28	27	30	23	15
EUREKA	8	7	7	7	4
EUROSTARS	3	3	3	1	1
COST	28	26	25	33	35
Other	26	29	23	23	21



PhD Studies at KTU

KTU PHD Students

Each year ~70 students
join PhD programs

Field	Percentage
Technological Sciences	60%
Social Sciences	23%
Physical Sciences	15%
Humanities	2%

60%

Technological Sciences

23% Social Sciences

15% Physical Sciences

2% Humanities




TECHNOLOGICAL SCIENCES

Electrical and Electronic Engineering
Chemical Engineering
Civil Engineering
Environmental Engineering
Energetics and Power Engineering
Informatics Engineering
Materials Engineering
Mechanical Engineering
Measurement Engineering



SOCIAL SCIENCES

Political Sciences
Management
Economics
Sociology
Education



PHYSICAL SCIENCES

Chemistry
Informatics

KTU DOCTORAL



(PHD PROGRAMMES)

**17 doctoral (PhD)
programmes.
Duration – 4 years.**



HUMANITIES

History and Theory of Arts

Joint/dual degree PhD programmes

Open courses for PhD students from other institutions

At least one module studied abroad

International PhD students

PhD Summer school for core competences

Dual degree PhD programmes in:

Chemistry with Institute National Polytechnique of Toulouse, France.

Chemical Engineering with Technical University of Košice, Slovakia.

Electrical and Electronic Engineering with Miguel Hernandez University of Elche, Spain.

Environmental Engineering with University of Bologna, Italy.

Materials Engineering with partners of Physics and Chemistry of Advanced Materials Network.

Joint PhD programme in:

Measurement Engineering with The Welding Institute, United Kingdom.



Non-academic partners

Informatics Engineering

The image shows a presentation slide for Virtustream and Intel. The slide features a central graphic of a server rack with a 'Your Data Center' label. Overlaid on this is a table titled 'Intel® Trusted Execution Technology¹' which compares 'Known Good', 'Verified', and 'Startup Configs' for Hypervisor, BIOS, and Firmware. The 'Verified' column shows green checkmarks, indicating successful verification. The background includes logos for Virtustream and XStream, and the website address www.virtustream.com.

	Known Good	Verified	Startup Configs
Hypervisor	Yellow squares	Green checkmark	Yellow squares
BIOS	Orange triangles	Green checkmark	Orange triangles
Firmware	Green circles	Green checkmark	Green circles

www.virtustream.com

Company:
R&D infrastructure
Tuition fee
Employment at Company

University:
Supervisor
Studies (30 ECTS)
Defense and Diploma

Energetics and Power Engineering



<http://enerstena.it/en>

Company:

Supervisor
R&D infrastructure
Tuition fee
Scholarship

University:

Supervisor
Studies (30 ECTS)
Defense and Diploma

Measurement Engineering



Company:

- Topic
- Supervisor
- Research (3 years)
- R&D Infrastructure
- Living expenses

University:

- Supervisor
- Studies (30 ECTS, 1 year)
- R&D Infrastructure
- Scholarship
- Defense and diploma

<http://www.twi-global.com/>



Fostering Entrepreneurship

The First University **START UP SPACE**

in Lithuania

Bridges business and technology potential



resulting in projects /spin-offs/startups inside the University



Raises the level of entrepreneurship and innovation



among scientists and students



Develops companies and products using University potential



for/with external businesses



The goal is to support young minds in their development process in the context of education, research and practical application



Thank You