

Support structures for doctoral students professional development

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The heart is so tiny...



..., but there is so much in there...

KTU Community



Number of students:

10 895

7 895 undergraduate,
2 648 masters,
566 international students and
352 PhD students

Alumni:

~130 000

Academic Staff:

~1 000

KTU Strategic Priorities



- Internationalisation

- Interdisciplinarity

- Innovations & cooperation with business

TALENTS
SUSTAINABILITY



KTU PhD Programmes



19 doctoral (PhD) programmes.
Duration – 4 years.

TECHNOLOGICAL SCIENCES

Electrical and Electronic Engineering
Civil Engineering
Transport Engineering
Environmental Engineering
Chemical 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
Physics

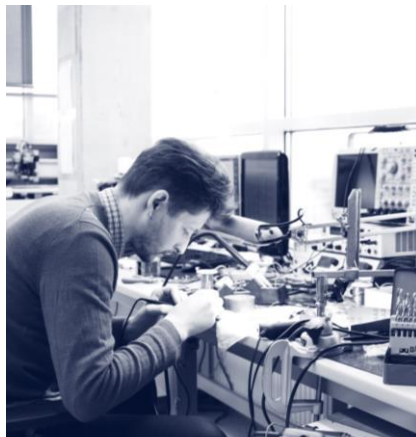
HUMANITIES

History and
Theory of Arts

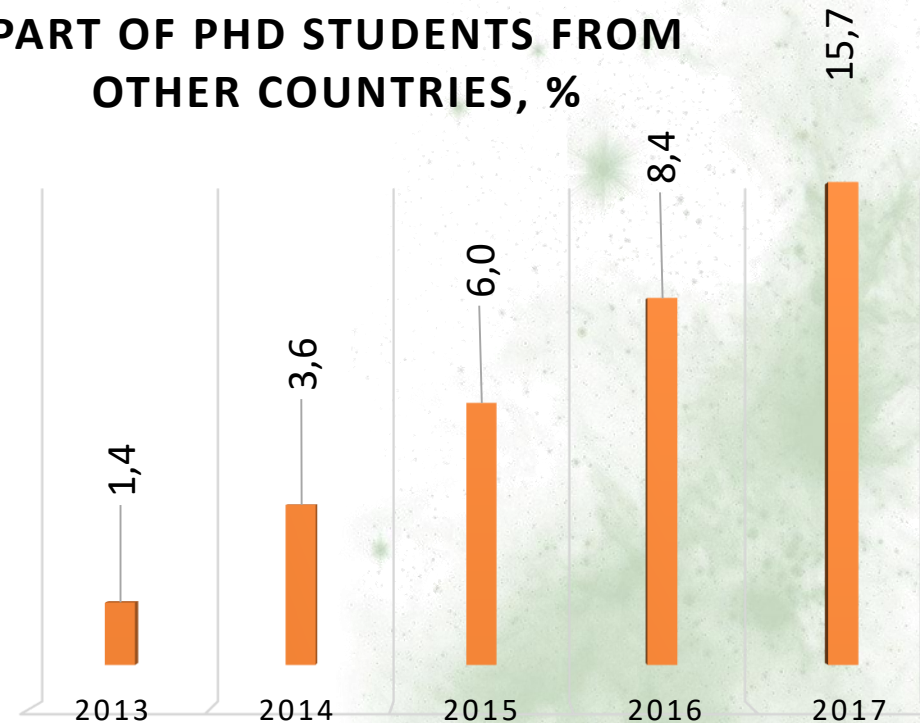
International KTU PhD School



- Joint/dual degree PhD programmes
- Open intensive courses in English language for PhD students from other institutions and countries
- At least one module studied abroad
- International PhD students
- PhD Summer school for core competences



PART OF PHD STUDENTS FROM OTHER COUNTRIES, %



Development of PhDs Transferable Skills

Introduction seminar:

- Self-service of PhD students (studies, quality of the studies, evaluation, work, mobility) and financial support (KTU Doctoral Fund, KTU Scientific Events Fund, RCL support)
- Protection and commercialization opportunities of thesis research results
- Research information system
- KTU PhD Society
- English language courses for all first year doctoral students



Development of PhDs Transferable Skills

PhD Summer School

Organized by KTU with ECIU, University of Stavanger (Norway) and Aveiro University (Portugal) on 20-24 August 2018 will be 3 in a row:

- Enhance the skills that are necessary in all fields of science (Oral Presentation and Communication; H2020 Research Projects Proposal Writing; Research Ethics, Integrity and Responsibility; Entrepreneurship and Innovations)
- provide valuable networking opportunity with participants from other countries



Development of PhDs Transferable Skills

Sustainable funding – learning by doing

KTU practice in 3 steps:

- Application to the local KTU funds
- Application to the national funds
- Research proposal preparation for external grants together with supervisor



Career development

KTU Startup Space

- The first academic startup community in Lithuania
- Provides advice, mentorship and expertise how to implement ideas
- Discovers a potential of young entrepreneurs and encourage them to make their dreams come true
- Provides a full year incubation package to selected of early stage teams
- Provides help with business development and possibilities to meet and attract investors.
- Building Start-up community and ecosystem



Career development

TECHNORAMA

The junior researchers' exhibition "Technorama" organized by KTU in Lithuania on 26 April 2018 will be 17 in a row:

- Showcase cutting-edge technologies
- Discover new talents
- Promote public interest in technologies
- Attract investors and promote business-science collaboration
- Address societal challenges through innovation
- „Match-making“ system.



The first electronic pulse generator in Lithuania, which enables to change the structure of biological tissues, thereby preserving the quality of vegetable raw materials, is the product created by Justinas Barakauskas, a PhD student from Kaunas University of Technology (KTU), and his colleague Mindaugas Visockis. This technology could be used in the meat industry, wine making process, and also in other areas

Career development

KTU Career Days

The largest career fair in the Baltics organized by KTU in Lithuania on 18 October 2018 will be 14 in a row:

- Business and public organisations to attract talents
- All the students of any higher education institutions to find an internship or job position, to hear renowned speakers
- An excellent possibility to get to know job market
- To find out about the opportunities to get funding for work placement with Erasmus+
- A conference on hot career-related topics



Thank you

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