

INTELLIGENT TRANSPORT SYSTEMS: NEW ICT - BASED MASTER'S CURRICULA FOR UZBEKISTAN – INTRAS

(15/10/2017 – 14/10/2021)



Gdansk University of Technology



University of Žilina



Klagenfurt University



Termiz State University



Tashkent University of Information
Technologies



Andijan Machine-Building Institute



Jizzakh Polytechnic Institute



Tashkent State Transport University
(Tashkent Institute of Railways Engineering &
Tashkent Automobile and Road Construction Institute)



Non Academic Partners

- Ministry for Higher and Secondary Specialized Education
- Toshshahartransxizmat Stock Company
- VIA-Tashkent Stock Company
- The Uzbek Agency For Automobile and River Transport



Associated

- GM-Uzbekistan Joint Stock Company
- Termez city pastrans Stock Company
- Jizzakh regional branch of the Youth Union of Uzbekistan



Specific Objectives

- Development a new MSc curriculum in Intelligent Transport Systems



- Capacity building in Intelligent Transport Systems of 6 UZ Universities

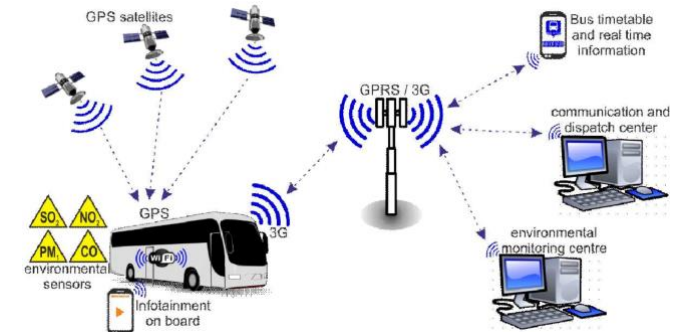
- Establishment of laboratories in ICT-based Intelligent Transport Systems



- Establishment a network among EU and UZ Universities and public societies – institutions – organizations – enterprises

General Achieved Results

- **28-new courses** have been developed for Uzbek universities that meets EU standards (12 was planned)



- ITS laboratories were established on the basis of ICT in **6 universities** of Uzbekistan



- **145 students** enrolled at newly established master's programs, where 25 have already graduated



- Infrastructure and system have been created to train a new generation of ITS engineers

General Achieved Results

Trainings

TICAR
VISSIM Certificates



AndMI



KLU



UNIZA

TerSU

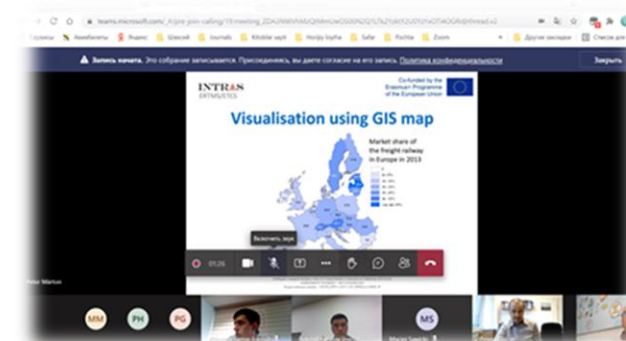


JizPI



TUIT

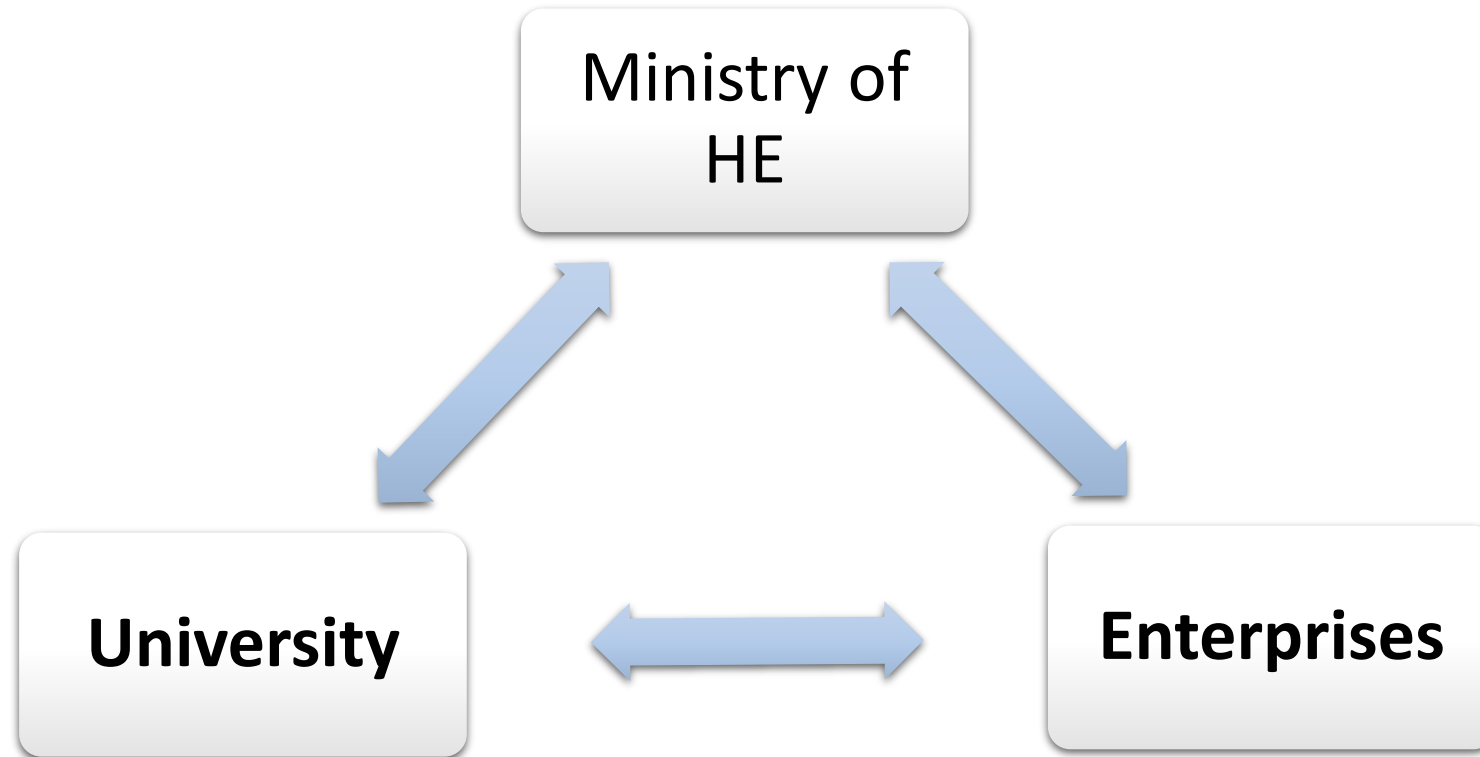
TIRE



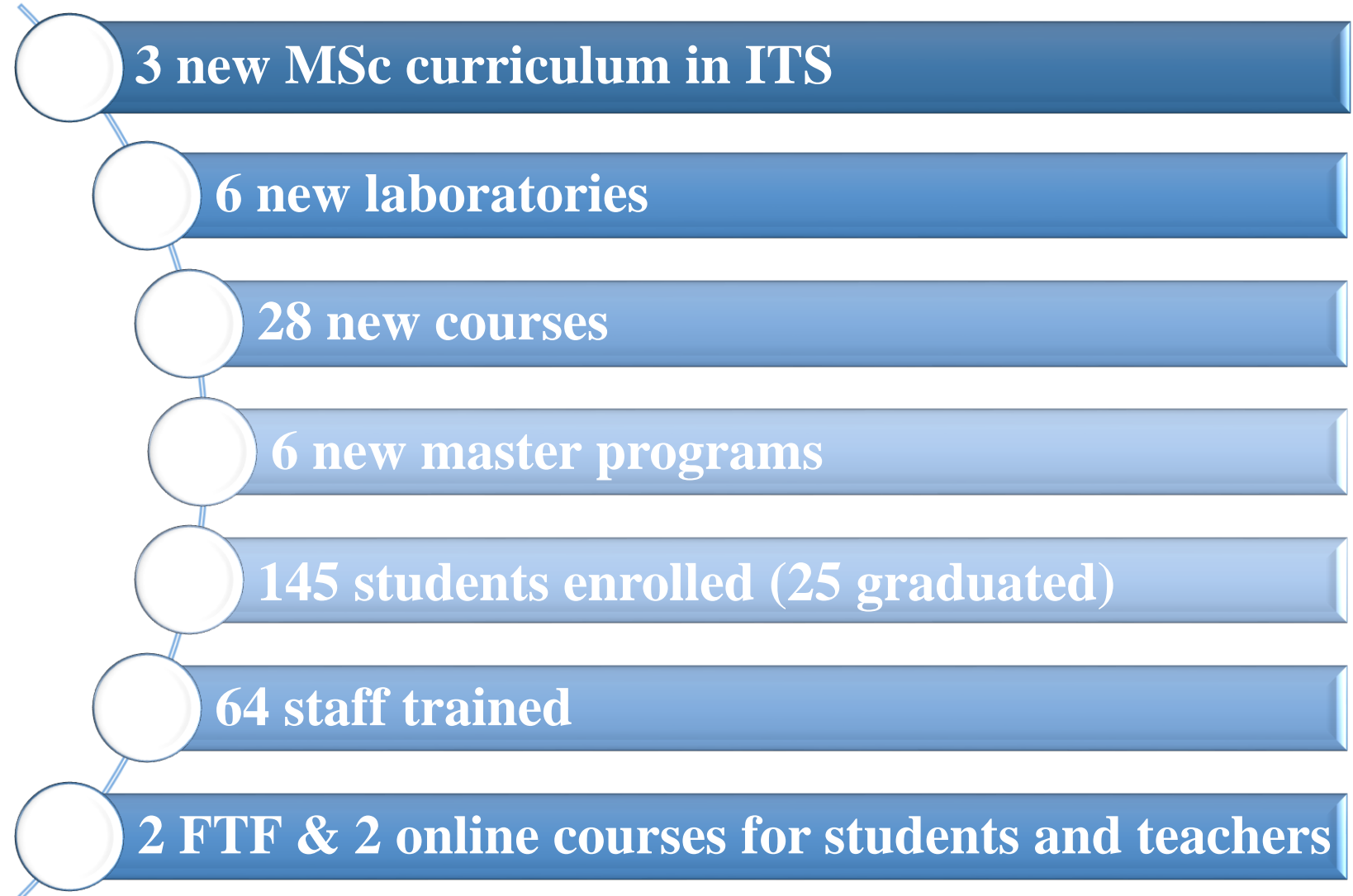
**Summer
Online
School**

General Achieved Results

Cooperation Network



General Achieved Results in numbers



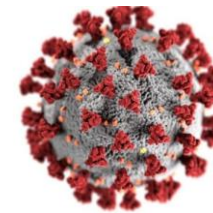
Difficulties in Project Implementation

- *Launching Master Program
in all UZ partner
Universities*



- *Delayed Equipment
Purchase*

- *Covid19 Pandemic*



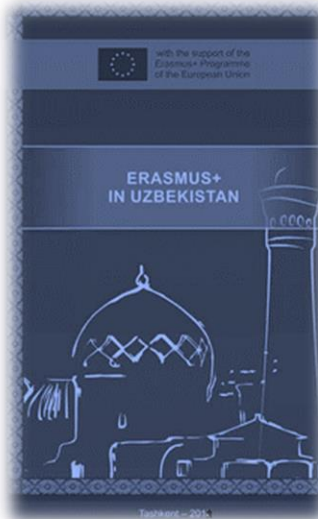
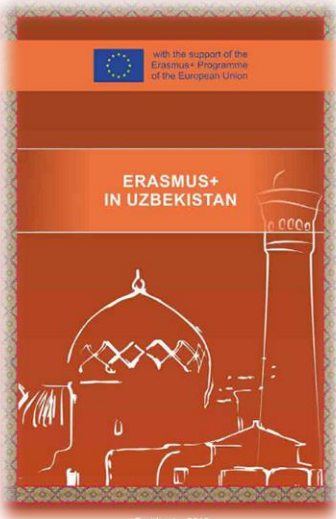
*INTRAS
Tender*



Appearances
on National
TV Programs



Dissemination



<http://intras.uz/>



Dissemination

**INTERNATIONAL SCIENTIFIC
ONLINE
CONFERENCE 2020**

Actual problems and prospects of the development
of intelligent information and communication systems
IICS-2020.

8-9 OCT TASHKENT 09 - 04 AM PM

Co-funded by the
Erasmus+ Programme
of the European Union

INTRAS

**INTELLIGENT
TRANSPORT
SYSTEMS –
MASTER'S
PROGRAM
FOR UZBEKISTAN**

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Mirosław Mikusowski

EDITORS

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INTRAS

INTRAS SUMMER SCHOOL – INTELLIGENT TRANSPORT SYSTEMS

**JUNE 7th - 18th, 2021
at 11.00 – 16.00 UZ time**

Do you want to join INTRAS Summer School?
Send us a word and let us know:
msawicki@pg.edu.pl (EU), n.khabibullo1990@gmail.com (UZ)

The Summer School is open to students from the universities of the INTRAS project (Tashkent, Jizzakh, Termez, Andijan, Gdansk, Klagenfurt, Zilina) who want to learn more about Visum PTV software, Traffic Modelling and Simulation, Mathematical Methods in Transportation, Geographic Information Systems and Structured and Object Oriented Programming with PYTHON. The trainers are well experienced academic teachers from Gdansk University of Technology in Poland, Klagenfurt University in Austria and Zilina University in Slovakia.

How to participate?

If you plan joining us, please send us a word at msawicki@pg.edu.pl (EU students) and n.khabibullo1990@gmail.com (UZ students).

Summer School will be held online in English with possibility to use universities' ITS laboratories. Students will receive participation certificates.



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In 2018 the Education, Audiovisual and Culture Executive Agency EACEA, acting under powers delegated by the European Commission awarded a grant to the consortium led by Gdansk University of Technology for a 3-year project entitled "Intelligent Transport Systems: New ICT-based Master's Curricula in Uzbekistan" nr 586292-EPP-1-2017-1-PL-EPPKA2-CBHE-JP.

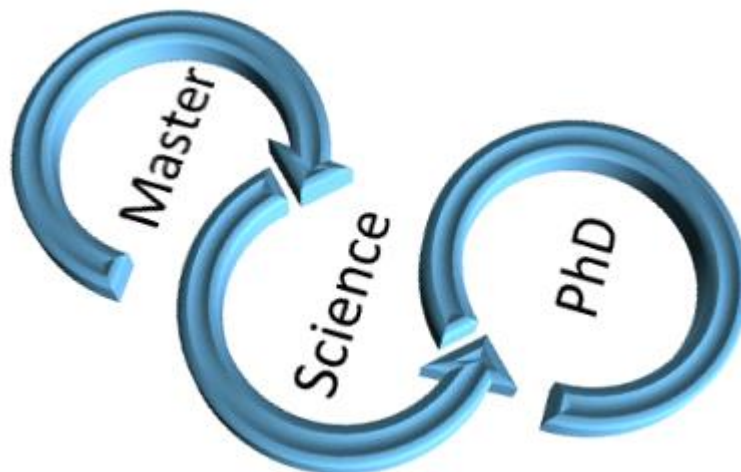
MoUs between partner Universities

Key Action 1 Agreements

Joint Master's Program (Double degree) with KLU-TUIT, KLU-GUT

Co-Tuelle Agreement (Double Degree at PhD Level) KLU-TUIT

Co-Supervision of several PhD and Master Students



Memorandum of Understanding
between
Tashkent University of Information Technologies named after Muhammad al-Khwarizmi
and
Universität Klagenfurt
(hereinafter named THE PARTIES)

The Parties agree to establish the following Memorandum of Understanding (hereinafter referred to as the MOU) in consideration of:

- (a) the importance of cultivating cultural and scientific collaboration in order to achieve their respective institutional aims and to promote international understanding;
- (b) areas of common interest and shared academic goals in terms of teaching and research; and
- (c) their interest in broadening the educational opportunities they offer their students, faculty and administrative staff.

Article 1

The Parties wish to facilitate academic cooperation in one or more of the following areas:

- (a) development of collaborative research projects and programmes;
- (b) organisation of joint academic and scientific activities, such as courses, conferences, seminars, symposia or lectures;
- (c) exchange of research and teaching staff;
- (d) exchange of students; and
- (e) other areas of cooperation as may be agreed between the Parties.

Cooperative activities under this MOU may include any of the academic disciplines of Tashkent University of Information Technologies and Universität Klagenfurt.

Article 2

The Parties intend that any agreement for academic cooperation in relation to specific activities shall be documented in a separate and formal agreement executed by the Parties in accordance with the policies and procedures of the respective Parties.

Impact

Seminars were Conducted for Non-Consortium Transportation Enterprises on ITS



- **A Double Degree Agreement at Master Level (KLU-TUIT) with 5 Master study programmes 10 students (from TUIT) / year**

12 high-quality joint scientific publications in SCOPUS indexed Journals

- **Co-Supervision of 2 DSc, 3 PhD and 2 Master students**
- **Courses developed under the project are recommended as selective courses for other related educational direction by the Ministry of HSSE**

Agreement between JizPI with Samarkand Administration signed on applying the ITS



- **Same master programs were organized in two non consortium universities:**
 - Tashkent State Technical University
 - Namangan Engineering-Construction Institute

Thank you for attention!



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<http://intras.uz/>

Erasmus+ CBHE Virtual Fair
26 – 27 October 2021