UBT BRANCH IN GJILAN

RESEARCH STRATEGY

January, 2023

CONTENT

1- RESEARCH INSTITUTES OF UBT

The UBT Branch in Gjilan's Research Strategy is designed to support the creation of a knowledge society in regional level by working with firms and public sector agents in building the appropriate infrastructure to build centres of research, development and innovation that will be unique for Kosovo and which will be capable of attracting resources at local and international levels. To achieve this research strategy has prioritized and invest in establishing centers of research, stimulate the development of research and cluster activities to maximize opportunities for research groups to create appropriate critical mass, enhanced relationships and partnerships with stakeholders in industry, academia and the public sector to increase combined research capacity and strengthen the commercialization process, fostered mechanisms of technology and knowledge transfer both out of an into the College and created an integrated research and studies quality assurance framework compliant with international best practices. UBT has a number of institutes and research centers while our Branch aims at benefiting from these institutes' infrastructure and help them with human and professional capacities of its own team:

I	Institutes	- IEME Institute for STEM Research and Innovation - IDEAA Institute for the Development of Education and Academic Affairs - IFL Institute of Foreign Languages and Intercultural Competence - Institute of Politics and International Relations - Institute of Life Sciences and Innovation - Institute of Rule of Law and Justice - Institute of Media and Communication - Institute for Urban Studies and Spatial Planning
II	Centres of Excellence	- Centre of Tourism and Hospitality - Centre for Statistics, Data Processing and Forecasting - Centre for Modelling and Simulation - Centre for Software Development and Innovation

		- Centre for Incubator and Start-Ups - Centre for Professional Development and Life Long Learning - Centre for Technology Transfer, IPR and Innovation - Centre for Knowledge Management and Innovation - Centre for UBT SAP Alliance - Centre of UBT-UNICEF for Social Innovation – Colibri - Centre for Medical Training

2- RESEARCH PLAN

The UBT Branch in Gjilan aims at becoming a scholarly community that serves the larger community by advancing, sharing and applying knowledge, and by facilitating the development of thoughtful, creative, adaptable, contributing citizens. As an established and highly successful research-led University, we (UBT) will be the top University in Kosovo in terms of our research excellence. We will be internationally renowned for our world-class activities in a number of strategically selected disciplinary areas. We will be recognized as possessing an outstanding, supportive research environment that assists us in attracting staff and research students of the highest profile. Branch`s research objective is also compatible with the specific focus of the Branch as well as the strategic goals which can be found below: Business, Management and Economy; ICT; Agriculture, Food Sciences and Technology; Nursing and Public Health

In the field of research, the Branch aims to become in certain profile areas the leading innovation motor for the Region, based on a sound expertise in applied transdisciplinary research. This objective coheres with the **general strategic objectives of UBT Branch in Gjilan**, which are below:

1	**Achieving Academic Excellence - The institution aspires excellent quality standards and consistent active learning approaches which offer authentic experiences and an inspiring, values-based learning environment to a diversity**
2	**Developing Research, Innovation and Social Responsibility -** Offer innovative ways for learners, spin-in and spin-out companies as well as external clients to engage with enterprise supports and applied research, thus creating new knowledge and new employment
3	**Creating a Positive Working and Learning Environment -** Creating a Positive Working and Learning Environment Aims to offer a high-quality and supportive working and learning environment for all types of students (full-time, part-time, priority groups) and staff

4	**Maintaining and increasing internationalization and regional partnerships -** Maintaining and increasing internationalization and regional partnerships Formation of the new local and international higher education alliances and continued excellent performance against international and regional efficiency and effectiveness benchmarks.

5	**Partnering with the community -** Partnering with the community Will continue to forge strong links with industry and wider society, which will be supported through mainstream funding, alternative income streams and volunteering arrangements in order to provide service to industry and the community at institutional, staff and student level.

As it can easily be seen above, the second strategic objective of the Branch is related with research, and research strategy of the institution has been mapped taking that objective into account.

Moreover, Branch`s research objective is consistent with the mission of the institution which is `offering a dynamic and innovative 21 century academic environment`.

Branch`s mission for research is

Strengthen the disciplines as foundations of scholarly enquiry
Bridge the disciplines
Facilitate basic through applied science and scholarship
Enrich society with results of research and scholarship

In addition, **Branch `s vision for research** can be summarized as follows:

The Branch aims at becoming a scholarly community that serves the larger community by advancing, sharing and applying knowledge, and by facilitating the development of thoughtful, creative, adaptable, contributing and humane citizens. Being a part of an established and highly successful research-led University, the Branch aims at being the top research environment in the Region, in terms of our research excellence. We will be internationally renowned for our world-class activities in a number of strategically selected disciplinary areas. We will be recognized as possessing an outstanding, supportive research environment that assists us in attracting staff and research students of the highest profile.

Branch`s research objective is also compatible with the specific focus of the Branch as well as the strategic goals which can be found below:

Focus: Business, Management and Economy; ICT; Agriculture, Food Sciences and Technology; Nursing and Public Health

- Transdisciplinarity
- Leadership and Innovation
- Resilience, Sustainable Development, Small Scale Ecosystem

Key Strategic Research Goals

- To be internationally renowned for our world class activities in a number of strategically important centers of excellence, whilst simultaneously demonstrating excellence across a broader range of disciplinary areas;
- To be recognized internally and externally for the provision of outstanding research leadership, infrastructure, facilities, and support, and be admired for our creativity in developing and supporting new talent and initiatives;
- To substantially increase our share of external research grant income, in order to provide a sustainable funding base for our research;
- To attract increasing numbers of high quality postgraduate research students, and provide them with a stimulating and supportive research environment and training;
- To have active engagement with a number of key strategic partners from across the Region, Europe and the world and be increasingly sought out by potential collaborators, partners, funders, policy makers, and the media, so that we increasingly shape the external research agenda.

UBT Branch in Gjilan is aware that realizing these objectives in an environment characterized by insufficient resource requires the urgent implementation of a sustained program of radical action.

Branch will therefore:

- Shape what should do, not simply what can or are best equipped to do
- Optimal use of scarce resources (financial, human and physical)
- Align institutional competencies with external environment and national aspirations
- Balance existing capability with potential and opportunities
- Establish a stable and sustainable financial base,
- Ensure that there is effective leadership and management in place at all levels of the organization,
- Create a positive research environment to maximize the potential of staff,
- Focus investment in the strongest research and into a relatively small number of key themes,
- Work collaboratively both internally and externally,
- Measure performance and benchmark against international competitors on an ongoing basis,
- Maximize performance in future research assessments,
- Regularly review the effectiveness of the Research Strategy.

The Branch has prioritized and selected three main disciplinary sectors of research:

I. SMALL AND MEDIUM ENTERPRISES (SME-S) SECTOR

- Information and Communication Technology (ICT)

Research Question (RQ): Creating Value Chain using ICT

Actions: minimum 10 Bachelor Thesis (BT) and 5 research projects

- Strategic Human Resource Management

Research Question (RQ) : Building a proper workforce to meet the local and global market needs

Actions: min. 10 BT and 2 research projects

- System Development

Research Question (RQ): Establishing modern management systems to Helping Businesses Grow and Prosper

Actions: min. 10 BT and 6 research projects

- Globalization and Opportunities

Research Question (RQ): Positioning of Regional Enterprises in the national market

Actions: min. 10 BT and three research projects

- Business Enabling Environment

Research Question (RQ): Smoothing the role for growth through commercial Legal and Institutional reform

Actions: min. 10 BT and five research projects (including Corporate Social Responsibility)

II. SERVICE SECTOR

- Human Resource Development

Research Question (RQ): How to create capable workforce

Actions: min. 5 BT and one research project

- Information and Communication Technology (ICT)

Research Question (RQ): the role of ICT in increasing the quality standards in service sectors in Kosovo

Actions: min. 10 BT and one research project

- System Development

Research Question (RQ): increasing quality of services according to international standards

Actions: min. 10 BT and 1 research project

III. GOVERNMENT SECTOR

- Health Care System and IT

Research Question (RQ): Development of IT solutions to develop Health Care Systems

Actions: min. 5 Bachelor Thesis (BT) and two research Projects

- Economic Development

Research Question (RQ): How to make better regional economy

Actions: min. 10 BT and five projects

- Integration- EU/Regional/International

Research Question (RQ): How can Region and Kosovo go better internationally?

Actions: min. 10 BT and three research projects

The Branch aims at doing its part on UBT's goal to implement an integrated strategy to establish itself as an internationally competitive, research-intensive university, committed to the transfer of knowledge and the provision of an excellent education to the most talented students from all backgrounds. For this purpose, the Branch will be delivering different courses in science, management and technology. It has been active in research since the beginning through Institute for Enterprise Management and Engineering (IEME) – Research and Development. IEME research activities have grown since its inception (2010) in both postgraduate students and a research budget.

In line with these developments, there has been a continuous development of staff research capability and research physical infrastructure. The quality as well as Quantity of the research undertaken by lecturers in the UBT is indicated by the growing number of peer-reviewed publications, peer-reviewed conference papers, invited papers, book chapters, and other standard metrics.

The importance of a knowledge society to Kosovo's future economic prosperity is well established at national policy levels. The Branch's research plan is designed to support the creation of a knowledge society by working with firms and public sector agents in building the appropriate infrastructure to build centers of research, development and innovation that will be unique for Region and which will be capable of attracting resources at local and international levels.

To achieve this research plan the Branch will: Prioritize and further invest in establishing centers of research, stimulate the development of research and cluster activities to maximize opportunities for research groups to create appropriate critical mass, enhance and build relationships and partnerships with stakeholders in industry, academia and the public sector to increase combined research capacity and strengthen the commercialization process, foster mechanisms of technology and knowledge transfer both out of an into the College, create an integrated research and studies quality assurance framework compliant with international best practice, support programs in delivering on research element and strengthen the link between research and teaching. Central to Branch's research plan is the concept of knowledge development as interactive and collaborative. The Branch recognizes the need to build sustainable partnerships to create and commercialize new knowledge in line with what Gibbons (1998, World Bank) called Mode 2 knowledge which shall be characterized by: Knowledge produced in the context of application, Transdiciplinarity, Heterogeneity and organizational diversity, Enhanced social accountability, More broadly based systems of quality control. In the context of our research priorities and our role as a catalyst for economic development, the College will focus on building alliances with key external stakeholders. The stakeholders include national and international research centers, government and funding agencies, industry partnerships. In keeping with emerging approaches internationally, knowledge transfer is defined by the Branch as an 'engagement' with a diverse range of public and private organizations in a two-way, mutually beneficial process. Given the mission statement, the Branch in the coming years try to overcome the following challenges: Clear structures and processes to manage knowledge transfer in an increasingly complex and changing environment; A more strategic approach to knowledge transfer and external partnership management in order to maximize the full potential of activities; Strengthening management information systems to track, support and monitor the engagement with external organizations; An appropriate culture supporting responsiveness to external drivers and active engagement; Staff development programs to enable and incentivize staff to engage in the creation and transfer of knowledge.

The Branch will help the UBT on achieving its goal to implement an integrated strategy to establish itself as an internationally competitive, research-intensive university, committed to the transfer of knowledge and the provision of a world-class education to the most talented students from all backgrounds. The Branch is delivering different courses in science, management and technology. It has been active in research since the beginning through Institute for Enterprise Management and Engineering (IEME) – Research and Development. IEME research activities have grown since its inception in both postgraduate students and a research budget.

In line with these developments, there has been a continuous development of staff research capability and research physical infrastructure. The quality as well as Quantity of the research undertaken by lecturers in the UBT is indicated by the growing number of peer-reviewed publications, peer-reviewed conference papers, invited papers, book chapters, and other standard metrics. The Branch follows the Administrative Instructions of Ministry of Education, Science and Technology No: 01/2018 the Recognition of Principles of Platforms and Institutional Magazines with Reviews.

Active and productive research collaborations are maintained with a wide range of national and international partners, the list of the research partnerships is provided later in this document.
The management structures for research degree programmes have developed in line with the Academic Councils quality processes, with clear lines of responsibility, delegation and review. The research group plays a central role in both the delivery of research-oriented programmes and in the assurance of quality. Departmental research committees and wider institutional bodies play an important role in development and cultivation of research at Branch. The research community that provides scientific

feedback to the postgraduate student is an essential part of UBT research environment. Branch students will learn best practice in research through close contact with supervisors and research group members. Along with their discipline specific laboratory or work spaces, library and IT facilities of a high standard are available to them. Students play a full role on the departmental research committees.

3- RESEARCH ACTIVITIES

UBT Branch in Gjilan Research and Development Strategy, contains research activities that take in the institutional, departmental and individual level and research activities are categorized into the following:

Applied Research: Using the ICT in Health Care System, Energy Efficiency, Managing Industrial/Enterprise Zones in Kosovo, Media, City Planning, PM

Opinion Research: Quality Product/Service Perception, FDI, Diaspora, etc.

Basic Research: Intelligent Systems, Robotics, Innovation, Transportations and Logistics, Complex Systems Design and Management

Education Research: University Management Models, University – Industry Cooperation's, Curriculums Developments, Learning Outcomes, Capacity Building and Quality Assurance, Knowledge Management, etc.

4- RESEARCH OUTPUT

UBT Research Publications are as follows:
- International Journal of Business and Technology, ISSN: Bib ID (66488)
- Proceedings of UBT Annual International Conferences
- Academic Books, Professional Review and Reports

UBT Scientific and Professional Conferences are below:
- Annual Scientific International Conferences of each UBT School: conferences.ubt-uni.net
- Host / Organizer of International Conferences: 9.5 – ISTC – SWIIS.
- Annual Professional Days: Quality, Project, Media, Security, etc.
- UBT Summer University (annually) / Summer Academies - Schools: sa.ubt-uni.net
- UBT PhD Preparation School

UBT knowledge Center is the platform that UBT tracks the publications and research outcomes of its academic staff. UBT Knowledge Center is established in 2017, as one of the main pillar of UBT. The aim of the Knowledge Center is capturing data to produce information and create knowledge. Knowledge Center consists of three essential parts: A digital environment to advance local knowledge visibility. An organizational environment to enhance boundary crossing collaboration, A digital academic library environment to enable discovery of and access to published academic scholarship.

UBT Knowledge Center furthers awareness and usage of existing knowledge by sharing and creation of more knowledge. Online 'anytime, anyplace' access to local and global knowledge collections enables UBT researchers to harvest the best ideas available from core academic publisher databases and a curated UBT digital repository. This collaborative design approach anticipates continuing to convene multidisciplinary conversations and to integrate interdisciplinary coursework into realization of the UBT's founding knowledge vision which recognizes the critical importance of developing new and more complex ways for connecting people, information, and technology in the university and with the society. In response, the UBT Knowledge Center aims to foster knowledge creation, which curates and preserves intellectual, cultural, national, and regional resources for future generations.

"The most significant innovation enables the realization of far greater human potential. The catalyst of such creativity in higher education is the acquisition of new knowledge and the living of new experiences. Then, within innovation and incubation environments, new thinking enriches knowledge handed down from previous generations, enlivens contemporary lives and informs future growth"

The Knowledge Center concept appreciates the social context of learning – that knowledge is acquired and understood through action, interaction, and sharing with others, oftentimes enabled by technology. This

vision thereby aligns well with other UBT innovation and incubation initiatives, which recognize that ideas, people, and technology – in relationship and through connection – enliven thinking and inform growth that activates human potential and enriches social progress. Of special significance, inclusive and participatory co-design activities will initiate and sustain working relationships among UBT faculty, staff, and students that ensure steady progress from concept to design to implementation and transformation – which animates creativity and innovation, accelerates adoption and adaption, and amplifies experience and knowledge.

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5- **RESEARCH INFRASTRUCTURE**.

UBT library consists of two separate spaces: spaces, which contained space for books and the space for reading. This separation enables the delivery of a more efficient service, opportunity for access to books and, at the same time, tranquility necessary and sufficient in the reading room.

The current physical library is depicted with its stacks of 250,000 printed books, one of the biggest library around, as well as its e-books and publisher databases. The librarians present work with physical books and digital material, including cataloguing and circulation, are illustrated at the left of the sphere named 'core knowledge'. UBT students have access to different digital e-Libraries, such as BIONE, EBSCO HOST, IMF, Cambridge Journals and JSTOR.

UBT Library has created an electronic catalog, through which readers can be informed about all the material that exists in the library and may make application to take books from the distance. The library is supplied with books in different international languages. Publications that are usually obtained by internationally acclaimed centers like Vienna University of Technology, Harvard University, Oslo University, Oakland University, Nice University, etc. Also, there is a wide selection of specialized literature in the field of international diplomacy and the angle of NATO and the international committee, which focuses specifically on the situation in recent years in Kosovo

The names of the laboratories are:

- UBT Library

- UBT Modeling and Simulation Lab

- UBT Computer Programming Labs

- UBT Software Testing Lab.

- UBT Mechatronics Labs.

- UBT Fast Prototype Lab.: CNC Lab. / #D Printers, etc.

- UBT Welding Lab.

- UBT Intelligent Systems and Robotics Lab

- UBT Networking and Communication Lab

- UBT Operation Systems Lab

- UBT Certification Lab.

- UBT Testing Center Lab. - Pearson Vue

- UBT Energy Lab

- UBT Material Science Lab

- UBT Industrial Production Lab

- UBT Workshops Tool Lab

- UBT Clinical Skills Lab

- UBT Microbiology Lab

- UBT Chemistry lab

- UBT Physics Lab

- UBT Biochemistry Lab

- UBT Anatomy Lab

- UBT Physiotherapy Lab

- UBT Physiology Lab

- UBT Food Technology Lab

- UBT Creative and Studio Design Lab

- UBT Space Makers Lab

- UBT Electronics Lab

- UBT Textile and Fashion Design Lab

- UBT Fine Arts Lab

- UBT Architecture Design Lab

- UBT Entrepreneurship Corner Lab

- UBT Computer Architecture Lab

- UBT SAP Lab

- UBT Microsoft Navision Lab.

- UBT CERT Lab /

- Cyber and Cryptography Lab

- UBT MIcrosoft Server Lab

- UBT Printing Lab

- UBT Media Labs. : UBT Radio, UBT TV, UBT Newspaper, UBT Portal, UBT Media Production Lab

- UBT Software System Design and Innovation Lab

- UBT Psychology Labs

- UBT Biology Lab

- UBT Botanic Lab

- UBT Pharmacognosy Lab.

- UBT Analytical Chemistry Lab

- UBT Pharmaceutical Technology Lab

- UBT Pharmaceutical Chemistry Lab

- UBT Physics Lab.

- UBT Legal Clinical Simulation Lab.

- Nutrition Lab.

- Agriculture Lab.

- Green Haus Lab.

- GIS and Spatial Data Infrastructure Lab..

- Sport Medicine Lab

- UBT Clinical Training Lab

- UBT Radiology Lab

- UBT Biochemistry II Labs

- UBT Microbiology II Lab

- UBT Reanimation Lab

- UBT Physiology Lab

- UBT Histology Lab

- UBT Pathology Lab

- UBT Dentistry Material Lab

- UBT Dentistry Workshop Lab

- UBT Periodontology Lab

- UBT Oral Medicine Lab

- UBT Oral Surgery Lab.

- UBT Prosthetics Lab

- UBT Pediatric Dentistry Lab I

- UBT Surgery Lab I

- UBT Surgery Lab II

- UBT Surgery Lab III

- UBT Radiotherapy Lab

- UBT ORL Lab.

- UBT Gynecology Lab.

- UBT Pediatric Lab.

- UBT Nefromatology Lab.

- UBT Ophthalmology Lab

- UBT Dermatology Lab

- UBT Pomology Lab.

- UBT Urology Lab.

- UBT Cardiology Examination Lab.

- UBT Intern Treatments Lab

- UBT Dermatovenerology Lab.
- UBT Oncology Lab.

- UBT Physiotherapy Lab.

- UBT Neurology Lab.

- UBT Psychiatry Lab.

- UBT Orthopedics Lab.

- UBT Hygiene Lab.

- UBT Public Health

- UBT Forensics Lab.

- UBT Conference Room

- UBT Telemedicine Room

- UBT Data Processing, Statistics, Modeling and Simulation

- UBT Biomedical Engineering Lab.

- UBT Bioinformatics Lab.

- UBT Internet of Things Lab

- UBT Wireless Communication Lab.

- UBT Telecommunication Lab.

- UBT CISCO Networking Lab.

- UBT Business Simulation Lab., etc.

6- RESEARCH INTERNATIONAL COOPERATION

The Branch seeks international cooperation in research through the following means:

- Participation in contractual regional and international research projects as a leading implementation partner and as a full or guest implementing member;
- Participation in contractual projects leading to the creation of original datasets or in refining and modernizing data for the purposes of research in political science;
- Supporting non-contractual mobility through conferences, symposiums, roundtables, lectures, publication events;
- Supporting and promoting co-authorship and co-presentation of publications and research reports with colleagues from international universities;
- Supporting in-coming mobility of the most established researchers in the various fields of political science;
- Sponsoring open-access publications where necessary;
- Supporting peer-reviewing engagements of academic staff in the international scene;
- Supporting major book projects through friendly adjustment of teaching and administrative engagement expectations for lecturers, and even sabbatical leaves in foreign universities where cooperation takes place.

List of international cooperation in research and teaching
- International cooperation with more than 300 Institutions worldwide (EU, UK, USA, Asia, SEEC)
- Double Degrees, Joint degree and Certifications
- Study visits of students, Staff, Businesses and Government's people.
- EU Higher Education Projects and CEEPUS:
- 6 Tempus Projects, since 2004
- 5 Erasmus Mundus Projects incl. SIGMA
- Erasmus +, KA1 Mobility Grants, Capacity Building – EURPS
- Capacity Building Support for successfully application and Networking in FP7 / National Contact Point for Horizon 2020 for ICT and FET
- Different Projects with International and National Organizations and Donors: European Commission, World Bank, EBRD, UNHABITAT, UNICEF, USAID, GIZ, ADA, Czech Republic, Switzerland, Norway, Sweeden, etc.
International Recognitions

• Professional and Scientific Membership of UBT on Education, Science and Technology International Communities:

IFAC, IEEE, IPMA, EOQ, EUROSIM, FIRA EU Chapter, AESOP, PLAN, EFQM, QA, IASP, EURAM, SAP University Charter, BUA.

Below are samples of selected projects UBT implemented and partnership agreements that UBT signed with international partners

TEMPUS Program 1 & 2 – Curriculum Development Bachelor and Master Study Mechatronics Management in Kosovo (ULMK) & (MSMMK) – The program provides a well-structured education in principles of mechanical, electrical and computer engineering and management. Different modules are structured in order to equip the student with the theoretical and practical aspects of the subject. The mechatronics engineering program at UBT is the only one of its kind in the country and the region. The need for a study program that combines aspects of mechanical engineering, electronics engineering, control systems and computer systems was seen as extremely important for the country and the region. Moreover training the future generations of engineers and giving them a comprehensive set of skills is extremely important for engineering industry and for society.

TEMPUS Program 3 – "Supporting and Developing the Structures for the Q&A at the Private Higher Education Institutions in Kosova"- The TEMPUS project focused was definition quality assurance that can be understood as all actions taken to ensure that standards and procedures are adhered to and that delivered products or services meet performance requirements. In particular for higher education institutions this definition implies, that quality assurance is a continuous process of improvement accompanying the development of knowledge and experience in a given discipline, the requirements of the market and the stakeholders and the national and international legislative demands.

TEMPUS Programme4 – "Encouraging the process of curriculum development based on learning outcomes in the private higher education institution of Kosova "- The Project is designed to provide support the HEI of Kosovo for Curriculum design based on learning outcomes, involvement of stakeholders, and sharing the experience regarding curriculum design from the different EU universities. UBT is very much dedicated to the project and always contribute with its experience in order it increase the benefit as it is aim of the project.

TEMPUS Programme 5 – UBT is also part of the Tempus 5 program on higher education.

ERASMUS MUNDUS Program –EM2STEM (2010-2014)- The first tangible outcome of this new partnership has been the formation of a consortium of 18 universities (led by City University), to bid for Erasmus Mundus EM2-STEM (Western Balkans) funding for 264 staff and student motilities at Bachelor, Masters and PhD levels. The bid designated UBT as coordinator for the eight universities from the Western Balkans. The bid was successful, with Euro 3.9 million awarded over three years; a total of 37 mobility places allocated to Kosovo (second highest allocation); the kick-off meeting was held in Berlin in January 2011.

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mobility places allocated to Kosovo (second highest allocation); the kick-off meeting was held in Berlin in January 2011.

ERASMUS MUNDUS Program –SIGMA (2012-2016) – Based on evaluation and results of the UBT students during the mobility at Erasmus Mundus Program EM2STEM, UBT is again part of the consortium fir a new Erasmus Mundus Program called SIGMA. Through this program UBT will make possible the mobility of about 20 student to the EU partner Universities and welcomes all interested student to be part of the UBT study programs. Through the program UBT, and its students, are doing promotion of the Kosovo's young generation oriented to the global education.

AEP Academic Exchange Program – UBT and Jovik University Norway have reached an agreement of cooperation in staff development, teaching and research.

UBT- City University Joint-Research – UBT and City University London have signed a cooperation agreement for joint research.

SEECEL- The South East European Centre for Entrepreneurial Learning – UBT has been part of the SEECEL The South East European Centre for Entrepreneurial Learning (SEECEL) that is a regional institution with a mission to promote inclusion of entrepreneurial learning and entrepreneurial literacy in eight pre accession countries of South East Europe (SEE). SEE- CEL is financed by the European Union (EU). There is widespread recognition that entrepreneurship is the driving force behind national economies and societies. Entrepreneurship brings benefits both at the society level and at the individual level through personal satisfaction and achievement, while also promoting sustainable and smart growth and development. Parallel to the evolution of the field of entrepreneurship, there is increasing interest in the development of educational programs to encourage and foster individual entrepreneurial competences.

Improvement of investment and entrepreneurial climate in Kosovo- Kosova /EU-Czech Republic/SOROS – The project expects to impact on Kosovo regions abilities to create favorable conditions for attracting FDI and accelerating economic transformation. As the Kosovo regional development players often lack examples and best practice on how to actively promote FDI and attract foreign investors, the project's anticipated impact should result in strengthened capacities of regional development agencies and their nongovernmental counterparts. This, in turn, should lead to increase of number of FDI projects located in Kosovo regions; and, ultimately, to accelerated social and economic transformation of Kosovo regions with all associated positive effects. International impact expected from the outcomes and results of the activities of this initiative. On the international level the project hopes to lead to improved international competitiveness of Kosovo since FDI projects located in a host economy directly impact on country's business sophistication, infrastructure development, market efficiency and capacity for innovation – all of which are included in global competitiveness measures (e.g. Global Competitiveness Index). Workshop for all institution involved in the attracting the Foreign Direct Investment. Study visit for 12 stakeholders involved in strategy created for FDI.

Investment Friendly Municipality-Kosova /EU-Czech Republic/Local Government – Provision of highly practical advice, expertise and know-how in FDI promotion to municipalities of a selected Kosovo region. Sharing of an internationally recognized accreditation methodology developed in the Czech Republic with Kosovo partners. Accreditation of up to 15 municipalities from a selected Kosovo region in FDI promotion and further. Increased awareness about the role of FDI in economic development in Kosovo.

Feasibility Study for Economic Zone of Gjilan and Novoberde Municipality- Kosova/EU-Czech Republic/Local Government – This study was commissioned by Kosovo municipalities of Gjilan and Novobërdë to determine the market demand and financial viability of establishing an economic zone in Llabjan.The study was prepared under a Czech development cooperation program Aid for Trade 2013 by a Czech contractor CzechINVENT Technology Agency and Quality Kosova Institution of UBT.

7- RESEARCH PRIORITIES AT THE DEPARTMENTAL LEVEL

Agriculture, Food Science and Technology

- Sustainble Agriculture
- Smart Agriculture for Smart Growth
- Chemistry, microbiology and biotechnology aspects of food
- Emerging safety and toxicological issues
- Food and material engineering
- Physical / chemical / sensory properties of food
- Advances in sensory science
- Food quality and safety
- Food and Culture
- Nutraceuticals, functional foods and functional ingredients
- Biophysical analysis of food or processing operations
- Applied research related to food nanotechnology
- Emerging technologies
- Environmental, safety and sustainability aspects of processing
- Waste / by-product management in food processing
- Food Marketing and Management
- Food Economics and Statistics
- Agricultural Biotechnology
- Agricultural Economics and Policy
- Agricultural Engineering and Technology
- Agricultural and Natural Resource Economics
- Agriculture Legislation
- Food Composition
- Food Contamination, hygiene and Toxicology
- Food Engineering
- Innovative Food Products and Processes

ICT

- Data Management and Privacy; Big Data Management;
- Soft Systems Engineering; Cryptography and information security;
- Information Systems Security; Geo-Information Systems (GIS);
- Cyber Security;
- Management Information Systems;
- Agile Project Management in Information Systems
- Enterprise Resource Planning;
- Health Information Systems;
- Artificial Intelligence and Knowledge Management;
- Human-Centered Computing;
- Open Data and open information;

- Telecom Industry; Wireless Technologies;
- Customer Care Excellence; Network Economics;
- Social Networking and Location-based; E-Governance; E-trade;
- E-Learning; E-Health; E-Commerce;
- E-Services and Competitive Strategy;
- Business and Information Systems Engineering;
- Mobile Networks; Next Generation Networks;
- Intelligent Information on Networks;
- Information Systems, Design and Implementation;
- IS and Process Management; Memory-Based Computing;
- Business Data Communications;
- Social Computing and Collaboration;
- Education Informatics;
- Life-long Learning;
- Modeling for Control and Real-Time Applications;
- Education in/for/with Modeling and Simulations;
- Business Information Systems;
- Decision Support Systems (DSS);
- Business Intelligence and Knowledge Management;
- Public Sector ICT; Information Systems in Education;
- Governance and Management of IS; Sensing and Learning Technologies for Autonomous Cooperative Systems;
  - Big Data
  - Business Intelligence and Knowledge Management
  - Cloud Computing and Mobile Technologies
  - Cluster and Grid Computing
  - Mobile Games, Web applications
  - Customer Care Excellence
  - E-Services, e-Health, e-Governance
  - Education Engineering, E-learning, Lifelong Learning
  - E-Health, E-Services and Competitive Strategy
  - Embedded Systems
  - Engineering and Networks
  - Governance and Management of IS
  - Information Systems Security
  - Live and Virtualized Collaboration
  - Wireless Technologies, Mobile Networks, Next Generation Networks, Sensor and Mesh Networks
  - RFID Solutions
  - Modeling and Simulation,
  - Modelling for control and real-time applications
  - Parallel and Distributed Systems
  - Public Sector ICT
  - Artificial Intelligence, Robotics, Multi-Agent Systems, Intelligent Information on Networks
  - Semantic Web Technologies
  - Social Computing and Collaboration
  - Social Networking and Location-based
  - Telemedicine
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Management, Business and Economics

- General Economics;
- Macroeconomic Policies and their Impact on Economic
- Growth;
- Informal Economy and Its Effects on Institutions;
- Economic Growth
- Econometrics and Applied Economics;
- Insurance and Pensions, Multinational Finance;
- Banking, Finance and Investment;
- Accounting, Auditing and Taxation;
- Competition, Entrepreneurship and Economic Growth;
- Marketing Management;
- Income Inequality; Poverty;
- Brand Management;
- Consumer-Oriented New Product Development;
- Strategies for International Business Management;
- Strategic Management and Entrepreneurship;
- Innovation and Technological Change Management;
- International Trade;
- Management and Corporate Governance;
- Impact of Education on Business and Management;
- Business Intelligence and Knowledge Management;
- Advanced Human Resource Management;
- Quality Management in Public Sector;
- Process and Project Management;
- Operations Research;
- Natural Resources:
- Exploit or Preserve Development Strategies for Services;
- Tourism Management;
- Food and Hospitality Services;
- Transportation and Freight Services;
- Agro-Business and Subsidy Management;
- EU- Cohesion Policy;
- Multi-Cultural Management;
- South East European Economy and Management;
- Logistics and Value Chain Management;
- Industry Economics and Industrial Organization;
- Immigration and Border Studies;
- Management Information Systems;
- Public Policy and Management.

Nursing and Public Health

- Healthcare

- Nursing education
- Nursing practice and research
- Pain Management/Palliative Care
- Acute Care
- Case Management Nursing
- Medical Surgical Nursing
- General Medicine
- Public health & hygiene