



# Kadoorie Internationalization

# Palestine Technical University Kadoorie (PTUK)



- ▶ PTUK was established in 1930 as the first agricultural High school in Palestine. In 2007, it was granted university status and is now considered as one of the fastest growing higher education institutions in the country. The number of students has risen quickly during the last 10 years from 950 in 2007 to over 8000, with almost 51% female students.
- ▶ In June 2017, two state colleges merged with PTUK. The university has now three campuses in three major cities in the country: Tulkarem (Main Campus), Hebron (Aroub Campus) in addition to Ramallah (Ramallah Campus).

# Palestine Technical University Kadoorie (PTUK)



- ▶ PTUK offers mainly bachelor degrees as well as diploma programs in different fields of study, such as Science & Arts, Sports, Engineering, Economics and Business and Agriculture.
- ▶ The university recently introduced a Master degree program in Biotechnology in addition to a high diploma in Teacher Qualification.
- ▶ Because of its state status and low tuition fees - compared to other universities in the region - PTUK is attracting many students from economically disadvantaged areas as well as refugee camps. It is worth mentioning here that, despite coming from disadvantaged areas, many of these students are amongst the high achievers in their studies.

# PTUK Internationalization Goals



- ▶ Convening international conferences on annual basis,
- ▶ Participating in international conferences either speakers or researchers,
- ▶ Participating in international programs (Erasmus Plus, Horizon 2020, USAID,...),
- ▶ Inviting international scholars from prominent universities to teach or lead research,
- ▶ Encouraging fully sponsored research vacations,
- ▶ Publishing research on international impacted journals,
- ▶ Establishing joint programs on BSc and MSc levels with international universities.

# International Collaborative Partnerships



PTUK is currently collaborating with national and international organizations including: The World Bank, TiKA, USAID, AMIDEAST, QIF, SDC, GIZ, Dutch-Palestinian Cooperation, Talal Abu Ghazaleh Foundation, Muneeb El-Masri Foundation, French Arab Fund for Economic and Social Development and Islamic Development Bank. Below is a synopsis of some projects implemented in collaboration with international partners

# Erasmus+ Projects



- ▶ Fostering Entrepreneurship in Science, Technology, Engineering and Mathematics (FESTEM) (2018-2021)
- ▶ Research Output Management System (ROMOR) Erasmus+ Project (2017-2019)
- ▶ **Pathway in Forensic Computing (FORC) (2017-2019)**

# Fostering Entrepreneurship in Science, Technology, Engineering and Mathematics (FESTEM) (2018-2021)



- ▶ The project aims at achieving capacity building in Higher Education Institutions (HEIs), as it aims to enhance the entrepreneurship outcomes in STEM programs at Palestinian (HEIs) by bridging the gap between education and industry in Palestine.
- ▶ The ultimate aim of the project is to support universities in a transition process towards becoming entrepreneurial universities by providing the appropriate capacity building and by institutionalizing the project results. Consequently, the project strongly addresses two objectives of the Capacity Building action, namely “Improve the quality of higher education and enhance its relevance for the labor market and society” and “Improve the level of competences and skills in HEIs by developing new and innovative education programs”.

# Fostering Entrepreneurship in Science, Technology, Engineering and Mathematics (FESTEM) (2018-2021)



## Partners:

- ▶ Universitaet Siegen- Germany.
- ▶ Birzeit University- Palestine.
- ▶ The Islamic University of Gaza- Palestine.
- ▶ Palestine Polytechnic University- Palestine.
- ▶ Leaders International Organization.



# Research Output Management System (ROMOR) Erasmus+ Project (2017-2019)



The ROMOR Project aims to build research output management capacity in four leading PS HEIs over a period of three years, by establishing Open Access Institutional Repositories.

## Partners:

- ▶ Brighton & Glasgow Universities – UK.
- ▶ Technical University of Vienne - Austria.
- ▶ University of Parma– Italy.

# Pathway in Forensic Computing (FORC) (2017-2019)



- ▶ Over the course of three years, the project seeks to build capacities to develop an integrated curriculum in forensic computing as pathways within the undergraduate degrees of the faculties of Information Technology and Law, using a student-centered adaptive learning approach based on the Bologna processes. It aims to develop pathways, integrated within the current curricula, to bring continuity and achieve harmony across the programs.
- ▶ The program aims to make forensic computing an integral part of undergraduate students' educational skills and to advance the forensic computing domain towards evidence-based practices.

# Pathway in Forensic Computing (FORC) (2017-2019)



## Partners:

- ▶ University of Cagliari-Italy,
- ▶ Middlesex University Higher Education Corporation- UK,
- ▶ Dublin City University- Ireland,
- ▶ Al-Quds University- Palestine,
- ▶ Palestine Technical University Kadoorie- Palestine,
- ▶ Al-Andalus Software Development Co (ASD) - Palestine,
- ▶ Princess Sumaya University for Technology- Jordan,
- ▶ University Of Jordan- Jordan.

# Tempus Projects



- ▶ **JMEE Tempus project (Joint Master Program in Electrical Engineering) (2016-2018)**
- ▶ **Career-Oriented Curricula Development for Road Vehicle Maintenance (CODE) (2015-2017)**
- ▶ **FP7 Project PERA/FP7 project (Palestine for European Research Area) (2011-2013)**

# JMEE Tempus project (Joint Master Program in Electrical Engineering) (2016-2018)



This is a Joint Master program in Electrical Engineering that leads to a Master degree in Electrical Engineering in either Telecommunication or Power concentrations.

## Partners:

- ▶ Palestine Technical University-Kadoorie.
- ▶ Palestinian industrial companies (JDECO and PITA).
- ▶ University of Suffolk - United Kingdom.
- ▶ Ecole Supérieure des Technologies Industrielles Avancées.-France.
- ▶ Technical University of Cluj-Napoca (TUCN) – Romania.
- ▶ “Angel Kanchev” University of Ruse (RU) – Bulgaria.

# Career-Oriented Curricula Development for Road Vehicle Maintenance (CODE) (2015-2017)



CODE is designed to develop specific competencies and know-how through joint implementation of well-structured activities and initiatives to develop career-oriented curricula for road vehicle maintenance. It is worth mentioning here that PTUK is now offering a diploma program in Road Vehicle Maintenance based on the curricula developed in this project.

## Partners:

- ▶ Palestine Polytechnic University (PPU) - Palestine.
- ▶ University of L'Aquila- Italy.
- ▶ Conservatoire National des Arts et Métiers- France.
- ▶ Dunarea de Jos University of Galati- Romania.
- ▶ Association MedLink- France.

# FP7 Project PERA/FP7 project (Palestine for European Research Area) (2011-2013)



This is a capacity-building project that also included reinforcing the cooperation capacities and research activities in PTUK as well as Palestinian's water and energy sectors to respond to socio-economic needs.

## Partners:

- ▶ . Palestine Technical University Kadoorie- Palestine.
- ▶ . Politecnico di Torino- Italy.
- ▶ . Europe for Business Ltd. (EFB)- UK.
- ▶ . Center Tecnologic (CTM)- Catalonia and Spain.

# Scientific Research at PTUK



PTUK established a deanship for scientific research and a scientific research council in addition to different highly equipped scientific research centers for energy, agriculture, physics, environment and applied chemistry to encourage staff and students to conduct and publish their research findings in PTUK's journal and other international journals. PTUK also offers generous incentives to its active researchers to promote research.



# PTUK Centers



- ▶ Innovation in Learning and Teaching Center,
- ▶ Standards, Metrology and Calibration Center,
- ▶ Educational Technology Center,
- ▶ Entrepreneurship Center for Accounting Sciences,
- ▶ Competency Center in Fashion Design,
- ▶ Media and Filmmaking Center,
- ▶ Food Processing Technology Center,
- ▶ Computer Center,

# PTUK Centers



- ▶ Continuing Education Center,
- ▶ Kadoorie Agricultural Research Center (KARC),
- ▶ Education and Innovation Technology Center,
- ▶ E – Learning Center,
- ▶ Entrepreneurship in Computerized Science Center,
- ▶ Kadoorie Center for Learning and Teaching Innovation (KCLTI),
- ▶ Cisco Academy.