



Issue 28, June 2018 Information Technology Academia Collaboration (ITAC)

#### **ITAC Department Mission**

ITAC Programs aim to bringing value to Egyptian ICT industry by fostering collaboration between industry and academia. The program aims at developing R&D based innovative products and services that put Egyptian ICT companies in a leading position in the ICT market, both locally and internationally.

#### **Latest ITAC News**

- ITAC CFP **Round 24 was** closed on April 30, 2018. Evaluation process is still in progress.
- One proposal was accepted in Egypt-Spanish Call that was closed on January 31, 2018.
- **70 Graduation Projects** from 124 submitted projects were accepted in 2018.
- Summer Internships call for application was opened on May 1, 2018 and will be closed on June 30, 2018 for both ICT students and companies.
- ITAC launched 2 winning projects from CFP Round 23 on March 20, 2018.
- ITAC organized two WriteIT events, one at the faculty of electronics engineering, Menoufia University on April 29, 2018 and another one at ASITA, Alexandria, on May 15, 2018.

ITAC Calendar 2018					
Program	Submission opens on	Submission closes on			
CFP Round 24*	April 1, 2018	April 30, 2018			
Summer Internships	May 1,2018	June 30, 2018			
CFP Round 25*	October 1, 2018	October 31, 2018			
ESITIP (Egypt-Spain) Call Round 3	November 15, 2018	January 31, 2019			
ITAC MatchIT	Always open				

### **ITAC Projects**

ITAC funds three categories of Collaborative Funded Projects (CFPs): Product Development Projects (PDP), Advanced Research Projects (ARP) and Preliminary Research Projects (PRP). Applicants can submit full proposals within the submission windows before the deadlines of each project category. ITAC MatchIT (pre-ARP and pre-PDP) can be submitted any time for applicants seeking partners.

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ITAC supports two University Student Projects (USPs): Graduation Project Support and Summer Internship Support.

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### **ITAC Events and Workshops**

#### **ITAC WriteIT**

The ITAC WriteIT seminars and webinars are scheduled before the ITAC CFP submission windows to address the gueries of the stakeholders, give an overview of the ITAC programs and services, familiarize the potential applicants with the guides and templates, and most importantly give some tips and tricks for proposal submission and preparation to maximize the opportunity of winning in the ITAC CFP rounds.

Visit the ITAC webpage for info on previously held Write-IT seminars.

### **ITAC Areas**

- Strategic Areas: Wireless and Cyber Security, Electronic and Embedded Systems for ICT Applications, ICT for Homeland Security, ICT for Transportation, ICT for Health, ICT for Agriculture, ICT for the Disabled, ICT for Education, ICT for Energy.
- Technology-Trend Areas: Mobile Applications and Computing, Cloud Computing, Data Analytics and Big Data, Internet of Things, Gamification, Cognitive Computing, Smart Machines
- Demand-Driven Areas: Determined based on specific needs of governmental bodies, ministries, governorates, ...etc.

Proposals incorporating the use of open-source technologies and software-defined technologies are encouraged.

### Egyptian-Spanish Joint Call for IT Technological Co-operation

Joint Program for Co-operation signed by the Information Technology Industry Development Agency (ITIDA), and the Centre for the Development of Industrial Technology (CDTI), on the 4th July, 2016.

The objective of the joint Egyptian-Spanish program is to promote and fund market - driven research and technology development as well as to encourage partnerships and business-led R&D&I collaborative projects between entities from both countries. The Parties agreed to launch joint Calls for Proposals.

The joint call for proposals aims to launch ambitious joint projects of a high international standard between Egyptian and Spanish organizations. Potential projects will be funded by ITIDA in Egypt and CDTI in Spain.

Consortia (Spanish and Egyptian applicants) shall submit the joint application and all the required documents mentioned above following CDTI's normal guidelines for Spanish Companies. Egyptian Consortium should follow ITAC normal guidelines at ITAC webpage. Spanish Companies should submit the joint project application to CDTI's electronic application.

P.S.: ITIDA will fund PDP projects only or if the project is under ARP then the fund will be with a maximum amount EGP 1 million and any extra amount should be funded by the Egyptian company. Where the Egyptian partners budget should be 30% of the total project budget.

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### **ITAC CFP Round 23**

ITAC has launched 2 new CFPs upon signing the contracts of Round 23 winning projects on March 20, 2018.

Round 23 Collaborative Funded Projects					
Project #	Project Title	Company	University		
134	Photonic superlattice for generating and engineering hyperentangled photons: Core of quantum computation and encryption systems <b>(PRP)</b>	N/A	Zewail City of Science and Technology		
135	Tunable ultra-low phase noise MEMS-based optoelectronic oscillator at LTE frequency bands (PRP)	N/A	German University in Cairo (GUC)		

For the complete list of CFPs from Round 1 to Round 23, please visit our webpage.

## **ITAC CFP Success Story**

CFP# 81: Nano-enriched, Autonomous, and Trustworthy Sensing Framework for Water-pollution							
Academic Institution	Industrial Partner	Project Year	ITAC Fund	Project Type			
Alexandria University	Pulse for Integrated Solutions	2015	EGP 960,983	ARP			

## **Project Output:**

Develop a comprehensive solution for a novel trustworthy monitoring platform that fits the needs for various set of applications. The focus in this project will be on the water pollution. The nano-sensors are designed to have accurate detection capabilities for a set of parameters indicate the water quality which give us alarms for any water hazardous threat and trace its sources.

## **Success Indicators**

On April 29, 2018, Pulse for Integrated Solutions won second place in the TECH INVEST 2 - New Reality Award, the Award is under the Federation of Egyptian Chamber and Commerce, Digital Economy & technology General Division. and the startup is nominated to join CES 2019 Electronics Exhibition.

Read more...

CFP# 86: Mobile Based Jaundice Meter					
Academic Institution	Industrial Partner	Project Year	ITAC Fund	Project Type	
Cairo University	Biobusiness	2015	EGP 998,839	ARP	

## **Project Output:**

Provide a non-invasive cost effective transcutaneous bilirubin mobile based meter (BiliMon). BiliMon is designed to solve Jaundice screening and diagnosing problems in developing and resource limited countries such as Egypt with potential for expansion in Africa and other developing countries.

# **Success Indicators**

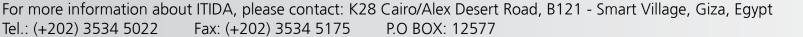
On April 29, 2018 Biobusiness won first place in the TECH INVEST 2 Award New Reality Award, the Award is under the Federation of Egyptian Chamber and Commerce, Digital Economy & technology General Division. and the startup is nominated to join CES 2019 Electronics Exhibition.

Read more...



For more information about the ITAC program, its activities and the latest news, please visit the ITAC page on ITIDA's website







<sup>\*</sup> Submission deadlines depend on proposal category (PRP, ARP or PDP). Deadlines are hard; no extensions are made