



**itida**  
IT INDUSTRY DEVELOPMENT AGENCY

**itac**  
program

# Information Technology Academia Collaboration (ITAC) Graduation Projects Support

Amr Safwat, PhD  
ITAC Manager

2025



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- Introduction

2

- Collaborative Funded Projects

3

- Students Support



## قانون رقم ١٥ لسنة ٢٠٠٤

بتنظيم التوقيع الإلكتروني

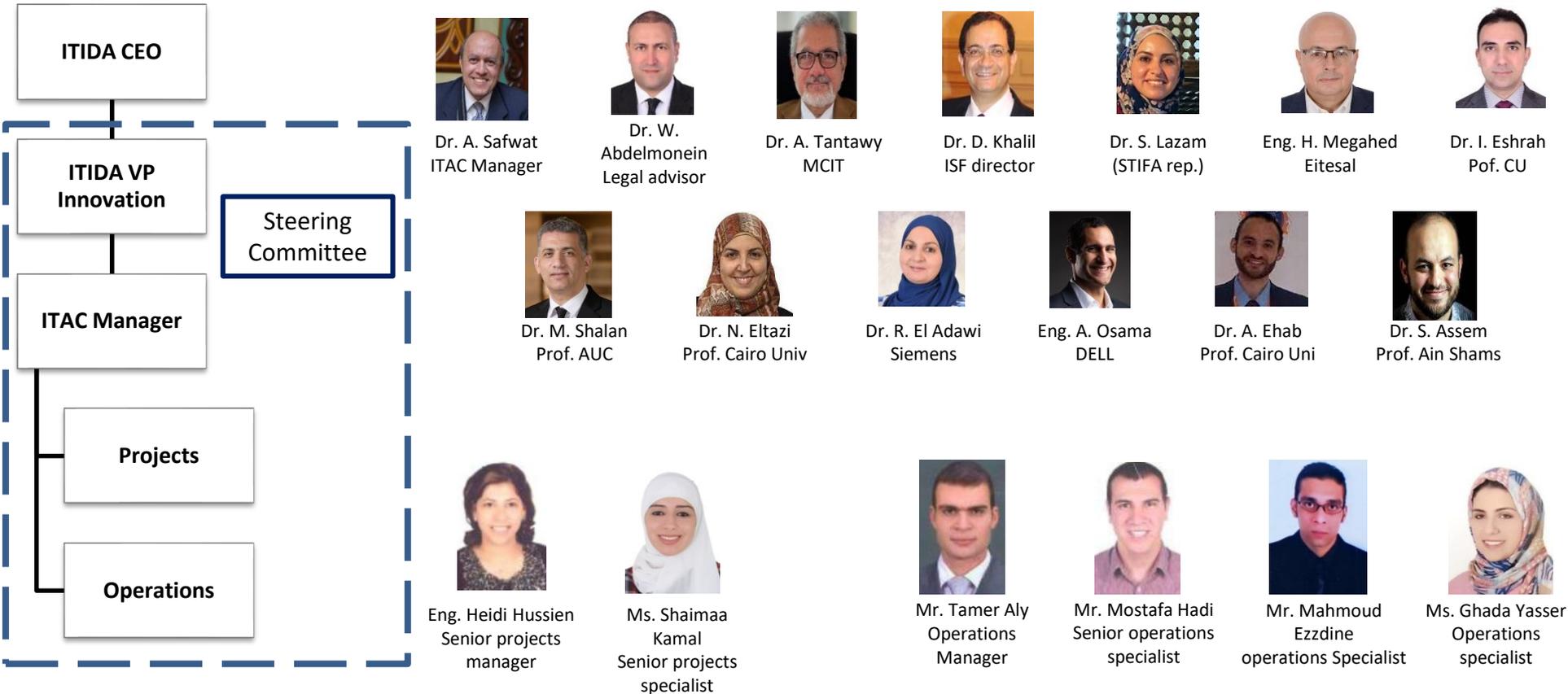
وبإنشاء هيئة تنمية صناعة تكنولوجيا المعلومات

مادة ٢ - تنشأ هيئة عامة تسمى " هيئة تنمية صناعة تكنولوجيا المعلومات " تكون لها الشخصية الاعتبارية العامة وتتبع الوزير المختص ، ويكون مقرها الرئيسي محافظة الجيزة ، ولها إنشاء فروع في جميع أنحاء جمهورية مصر العربية .

مادة ٣ - تهدف الهيئة إلى تحقيق الأغراض الآتية :

- ( أ ) تشجيع وتنمية صناعة تكنولوجيا المعلومات والاتصالات .
- ( ب ) نقل التكنولوجيا المتقدمة للمعلومات وتحقيق الاستفادة منها .
- ( ج ) زيادة فرص تصدير خدمات الاتصالات وتكنولوجيا المعلومات ومنتجاتها .
- ( د ) الإسهام في تطوير وتنمية الجهات العاملة في مجال تكنولوجيا المعلومات والاتصالات .
- ( هـ ) توجيه وتشجيع وتنمية الاستثمار في مجال صناعة تكنولوجيا المعلومات والاتصالات .
- ( و ) رعاية المصالح المشتركة لأوساط تكنولوجيا المعلومات .
- ( ز ) دعم البحوث والدراسات في مجال تكنولوجيا المعلومات والاتصالات وتشجيع الاستفادة بنتائجها .

1. Support the development of research-based ICT-enabled products and services that put Egyptian companies in an advanced position in international markets.
2. Developing students' skills in managing small projects.
3. Raising awareness of the value of a product based on scientific research



# Programs and Activities

	<b>1</b>	<b>2</b>	<b>3</b>
<b>Objective</b>	Support the development of research-based ICT-enabled products and services	Developing students' skills in managing small projects	Raising awareness of the value of a product based on scientific research
<b>Mechanisms</b>	<ul style="list-style-type: none"> <li>• Collaborative Funded Projects</li> </ul>	<ul style="list-style-type: none"> <li>• Graduation Projects Support</li> </ul>	<ul style="list-style-type: none"> <li>• Newsletters</li> <li>• Workshops</li> <li>• Tech Days</li> </ul>
<b>Beneficiaries</b>	<ul style="list-style-type: none"> <li>• Universities</li> <li>• Companies</li> </ul>	<ul style="list-style-type: none"> <li>• Engineering and Computer Science student (last year)</li> </ul>	<ul style="list-style-type: none"> <li>• ICT sector</li> </ul>
<b>Key Performance Indicators</b>	<ul style="list-style-type: none"> <li>• Number of submissions</li> <li>• Number of accepted proposals</li> <li>• Number of settled milestones</li> </ul>	<ul style="list-style-type: none"> <li>• Number of submissions</li> <li>• Number of accepted proposals</li> </ul>	<ul style="list-style-type: none"> <li>• Number of newsletters</li> <li>• Number of workshops</li> </ul>
<b>Key Success Indicators</b>	<ul style="list-style-type: none"> <li>• Publications</li> <li>• Sales or investments</li> </ul>	<ul style="list-style-type: none"> <li>• Number of funded projects</li> </ul>	<ul style="list-style-type: none"> <li>• Number of submissions</li> </ul>

## Collaborative Funded Projects (CFPs) (2006-

- 249 Projects
- 191.6 MEGP
- 25 Universities
- 108 Comp.

## Graduation Project Support (GPS) (2006 -

- 1708 Projects
- 9.95 MEGP
- 41 Universities

## Digital Egypt Builders Initiative (DEBI) (2021 -

- 625 Students
- 6.68 M\$
- 4 Universities

## ITAC National Calls

Jan. – Feb.

Call for graduation projects

Mar. – Apr.

Call for CFPs

Sep. – Oct.

Call for CFPs

## ITAC International Calls

Jan. – May.

CFP with Spain

1

- Introduction

2

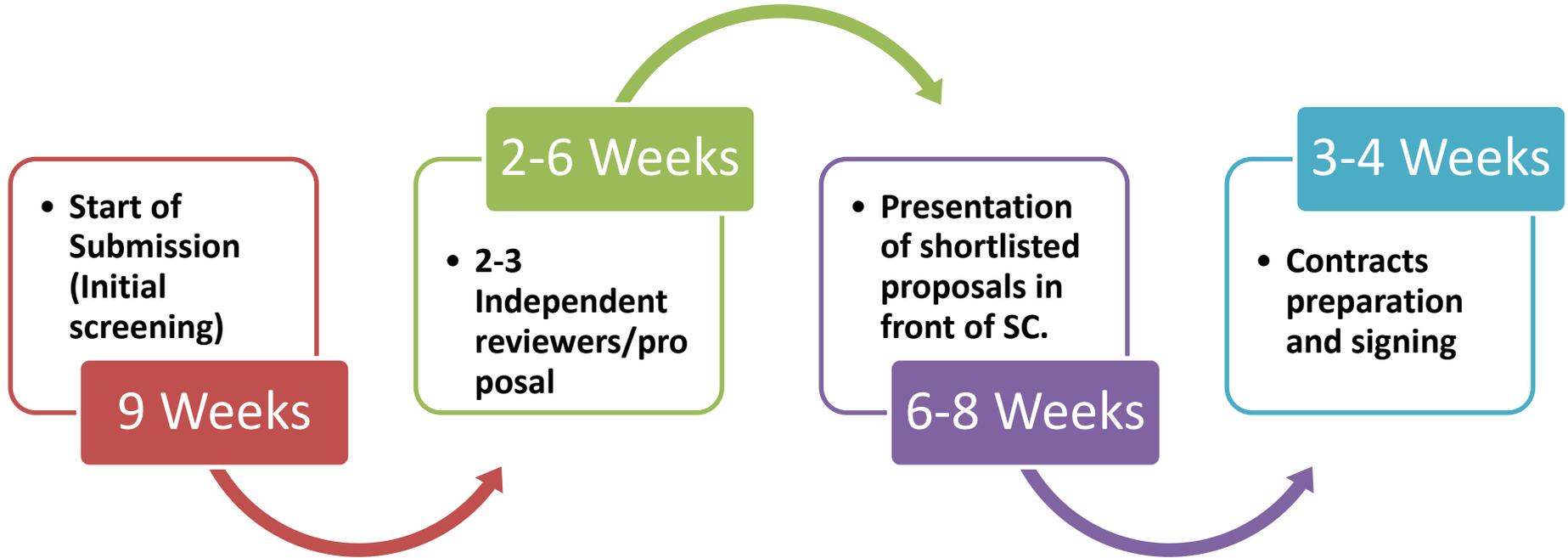
- Collaborative Funded Projects

3

- Students Support

# Funding Schemes

<b>Title</b>	• Preliminary Research Projects <b>(On Hold)</b>	• Product Development Projects
<b>Scope</b>	• Turning Idea to a Proof of concept (POC)	• Turning POC/Prototype to a product
<b>Ceiling</b>	• <b><u>700 KEGP</u></b>	• <b><u>5 MEGP (Depend on the company size)</u></b>
<b>Beneficiaries</b>	• Universities	• Companies
<b>Duration</b>	• 12 -18 months (3-5 Milestones)	• 12-18 months (3-5 Milestones)
<b>KPI</b>	• Prototypes and papers	• Product
<b>Outcome</b>	• Companies	• Sales or Fundraising
<b>Reimbursement</b>	• Does not exit.	• <b>ROI based Reimbursement.</b>
<b>Equipment</b>	• Owned by the universities	• Owned by the company at the end of project.
<b>Partial Fund Return</b>	• Does not exist	• Does not exist



# CFPs: Execution Phase



# Products (1/3)



Global Innovation Index 2024  
Cairo, Egypt



Cairo is the only cluster within Egypt that falls within the top 100 S&T clusters in 2024. It filed 8 PCT applications and published 1,044 scientific articles, both per 1 million inhabitants over the last five years, making it the:

95<sup>th</sup> largest science and technology cluster in 2024

100<sup>th</sup> S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants			Top publishing organizations				
	Patents	Share		Articles	Share		
1	SI-WARE SYSTEMS	14	9%	1	CAIRO UNIVERSITY	5,829	25%



- Ultra Low Power Bluetooth Transceiver Chip
- A Fully Integrated Silicon IP for Wireless Zigbee Applications



Optical Character Recognition (OCR)

Get the maximum value out of your documents



- MEMS Based Timing Chips for IT/Mobile Applications.
- Fully Integrated Weather Station Chips for Smart Phones & Tablets



4D Ultra Sound System



RFID-Based Hospital Positioning System



Intelligent Video IP Surveillance Integrated Analytics



Services ▾ Process Solutions Careers About ▾



Tempo Network Optimization

# Products (2/3)

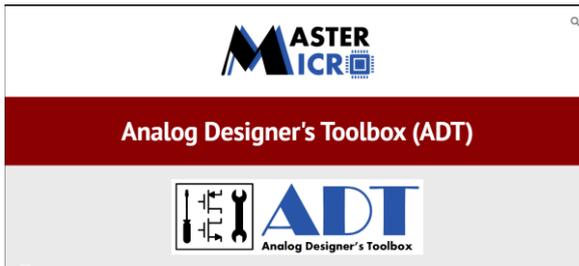


**DILENY TECH**  
AN ASTUTE IMAGING™ COMPANY

Solutions ▾ Research ▾ Awareness ▾ About ▾ Contact

## Astute Imaging™ Acquired Deep Technology AI Startup DilenyTech

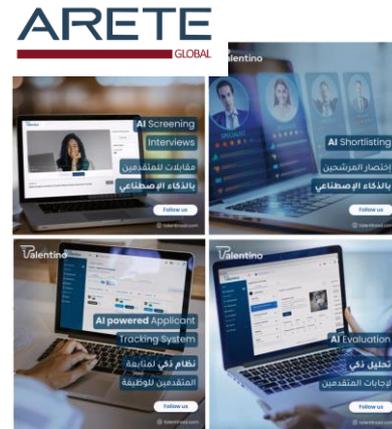
The acquisition will enable Astute Imaging to expedite the development of an AI driven image-guided therapy platform



**MASTER MICR**

## Analog Designer's Toolbox (ADT)

**ADT**  
Analog Designer's Toolbox



**ARETE**  
GLOBAL

AI Screening Interviews  
قابليات المرشحين  
بالقائه الوصفي

AI Shortlisting  
إختصار المرشحين  
بالقائه الوصفي

AI powered Applicant Tracking System  
نظام تلي لتتبع المتقدمين للوظائف

AI Evaluation  
تقييم تلي لبحار المتقدمين



An Autonomous Multi-Passenger Golf Car

**Brightskies**  
Technologies



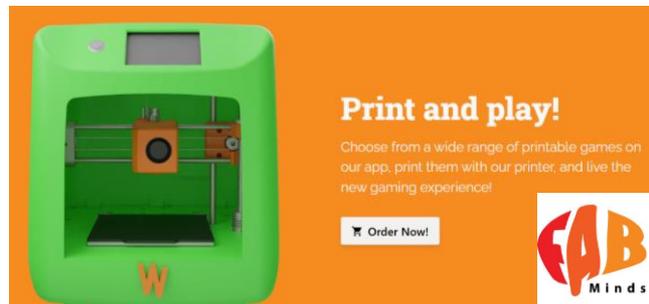
An electric powertrain for mid-size city transport vehicles

**Pearl**  
Semiconductor

**Technology**

**SingleDie™** - Single-Die Reference Clock Technology

PRL21X—a family of Programmable Low Jitter MEMS Saw-Based Reference Clock Products



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Order Now!

**FAB**  
Minds

# Products (3/3)



Almoawen FA  
UESystems Co.



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Whatever Road You Take,  
**We Make It a Safer Place!**  
Save Your Life



**Fruitful Solutions**  
IIOT & Machine Vision

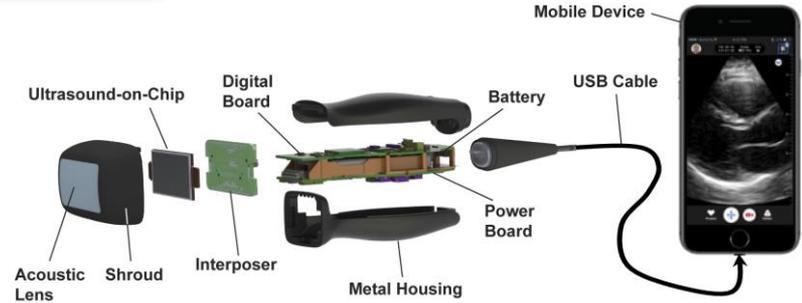


# Current Projects

## MOGASSAM



A Fully-Integrated Transceiver ASIC for Handheld Ultrasound Imaging Application



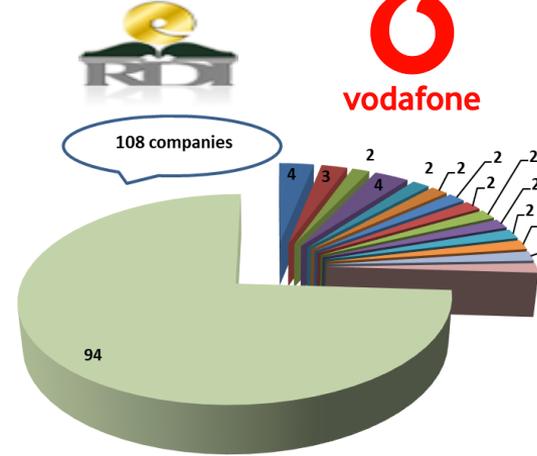
Ceramic Products



nasal Continuous Positive Airway Pressure



# Beneficiaries – Companies



- Si-Ware Systems (SWS)
- RDI
- Vodafone
- Smartec Group
- Diagnosoft
- Silicon Vision
- MEMS Vision
- BCH
- EOIP
- Avidbeam
- Dileny
- ITQAN
- Advintic
- Pulse for Integrated Solutions
- Other



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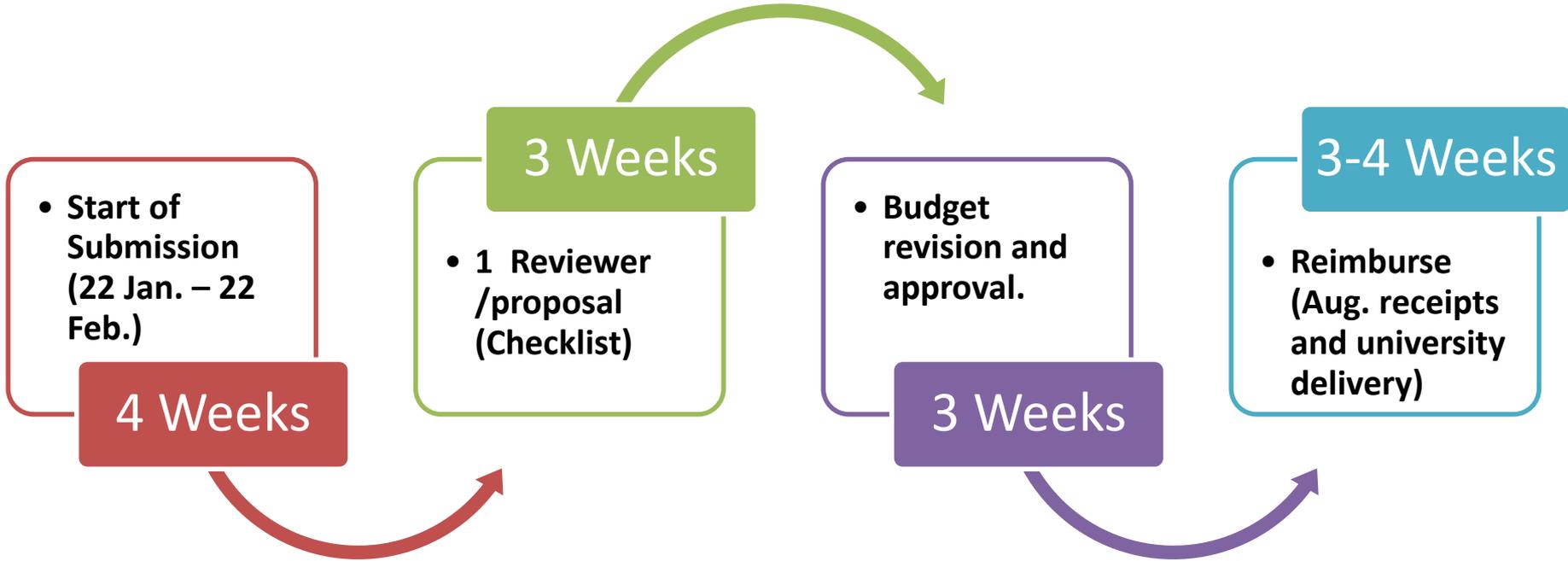
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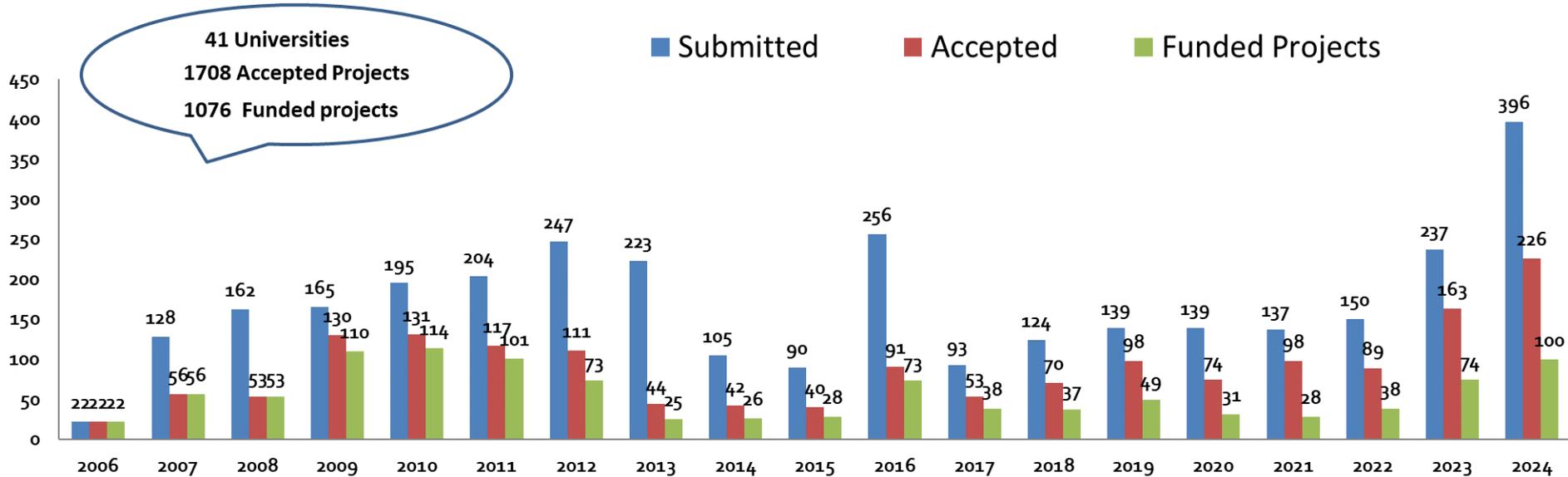
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## Eligibility criteria

- Senior [fourth] year students enrolled at an Egyptian university/institution.
- Grad projects related to information and communications technology.
- Students enrolled in faculties of engineering and computer science.



# Graduation Projects



THANK YOU