

and Technology (UAST)



University Of Applied
Science & Technology

At a Glance

International and Scientific Cooperation Office

Oct. 17, 2018



Introduction

- University of Applied Science and Technology (UAST) is the largest public university in Iran.
- UAST was established in 1992 aiming at improving technical and vocational education and training (TVET) to meet the requirements of occupational skills in different sectors.
- UAST is responsible for planning, organizing, technically supporting, monitoring and evaluating the quality of TVET throughout the country.



UAST Mission



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The mission of this entrepreneurial university is to help the public and private sectors to play their role in training skilled human resources required for various economic, social and cultural sections in the country.

UAST Centers and Institutes constitute the executive body of skilled higher vocational training and education aiming at developing knowledge and skills required for the job market.

UAST is also involved in providing refreshing courses for university graduates and graduates in intermediate levels empowering them to enhance their job opportunities.

UAST Objectives



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1. Creating a conducive environment for multilateral activities towards development of applied science and research.
2. Developing quantitative and qualitative indicators related to applied education in the society.
3. Providing a proper ground to utilize theoretical knowledge to solve practical problems.
4. Supplying a proper ground to transfer modern technologies.



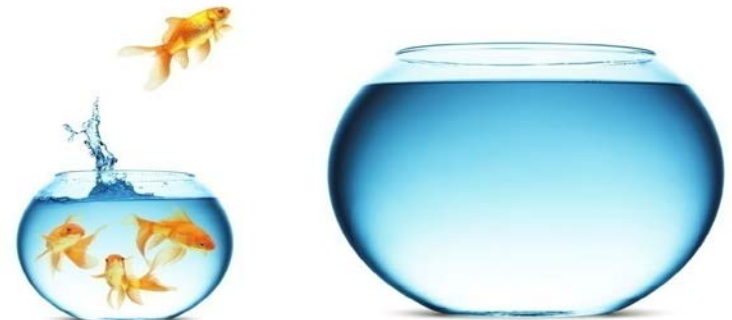


UAST Unique Features

- 1) Degree programs and academic curricula are planned only based on the needs and requirements of an affiliated organization and/or various economic sectors. Every program is thus designed based on the skilled needed in a job.
- 2) A program is designed by the experts and specialists having experience in the relevant job.
- 3) A program is designed in a very flexible way and according to the real needs of job market.
- 4) About **70%** of the curricula in each program is practical.
- 5) The programs are executed using financial resources and facilities by various public and private sectors.

UAST Unique Features (Cont.)

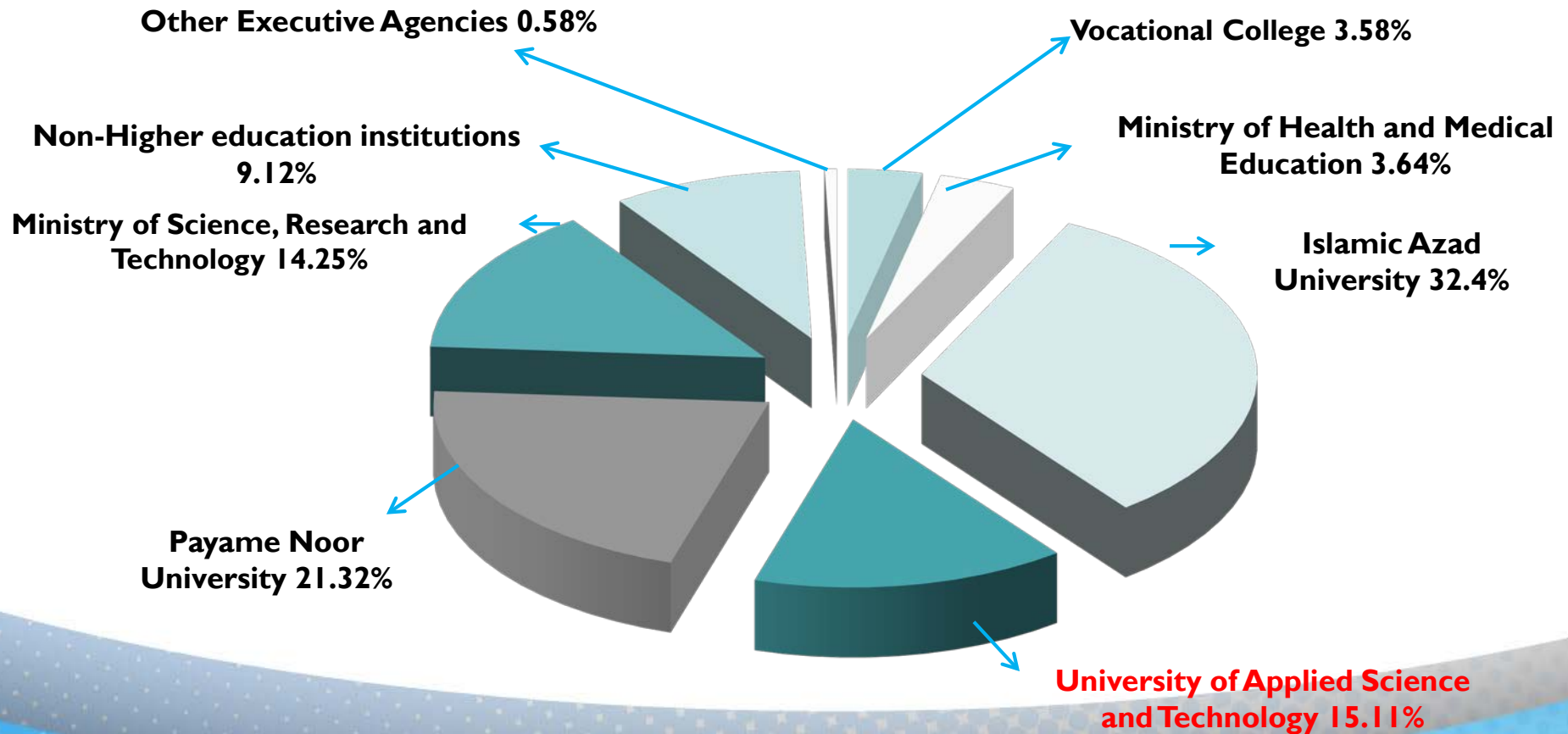
- 6) Students in all programs are offered a common set of courses required for job market called The Common Skills.
- 7) Internships are offered at three different stages (at the beginning, middle and the end of the programs) to prepare students for the job market.
- 8) Postgraduate programs are problem-based.
- 9) The graduates are given official degrees by which they can continue their education.
- 10) Unemployment rate among the graduates is very low.



Percentage Distribution of Students According to the Type of Executive Agency



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Academic Groups & Programs



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Industry

1. Electrical and Electronic Eng.
2. Water, Dams and Network.
3. Metallurgy and Material Eng.
4. Mining Eng.
5. Power Planet and Energy Eng.
6. Medical Equipment
7. Civil Eng. and Architecture
8. Industry Management
9. Machinery and Automobile Eng.
10. Textile and Leather Cellulose Eng.
11. Transport and Logistics Eng.
12. Food Science
13. Computer and IT
14. Chemical, Oil, and Gas





Agriculture

1. Plant Breeding, Farming and Gardening
2. Animal Husbandry
3. Fisheries and Aquaculture
4. Environment and Natural Resources
5. Agricultural Machinery
6. Rural Development Mechanization
7. Processing of Agricultural Product
8. Water and Soil





Management and Social Services

1. Safety and Protection
2. Transport, Logistics and Travel Services
3. Accounting, Finance and Trade
4. Justice and Legal Affairs
5. Administration and Business Services
6. Political and Social Affairs
7. Sport and Entertainment
8. Academic Services



Art and Culture

1. Press & Media
2. Printing and Publishing
3. Cultural Heritage and Crafts
4. Cultural Services and Advertising
5. English Literature
6. Religious Activities
7. Tourism and Hospitality
8. Visual Arts
9. Fashion
10. Film Industry
11. Performing Arts
12. Music



Types of Education at the University of Applied Science and Technology



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A) Degree Programs

- Technical Associate – Professional Associate
- Professional Bachelor – Technology Engineering
- The Master of Technology Engineering –Professional Master

B) Non-Degree Programs

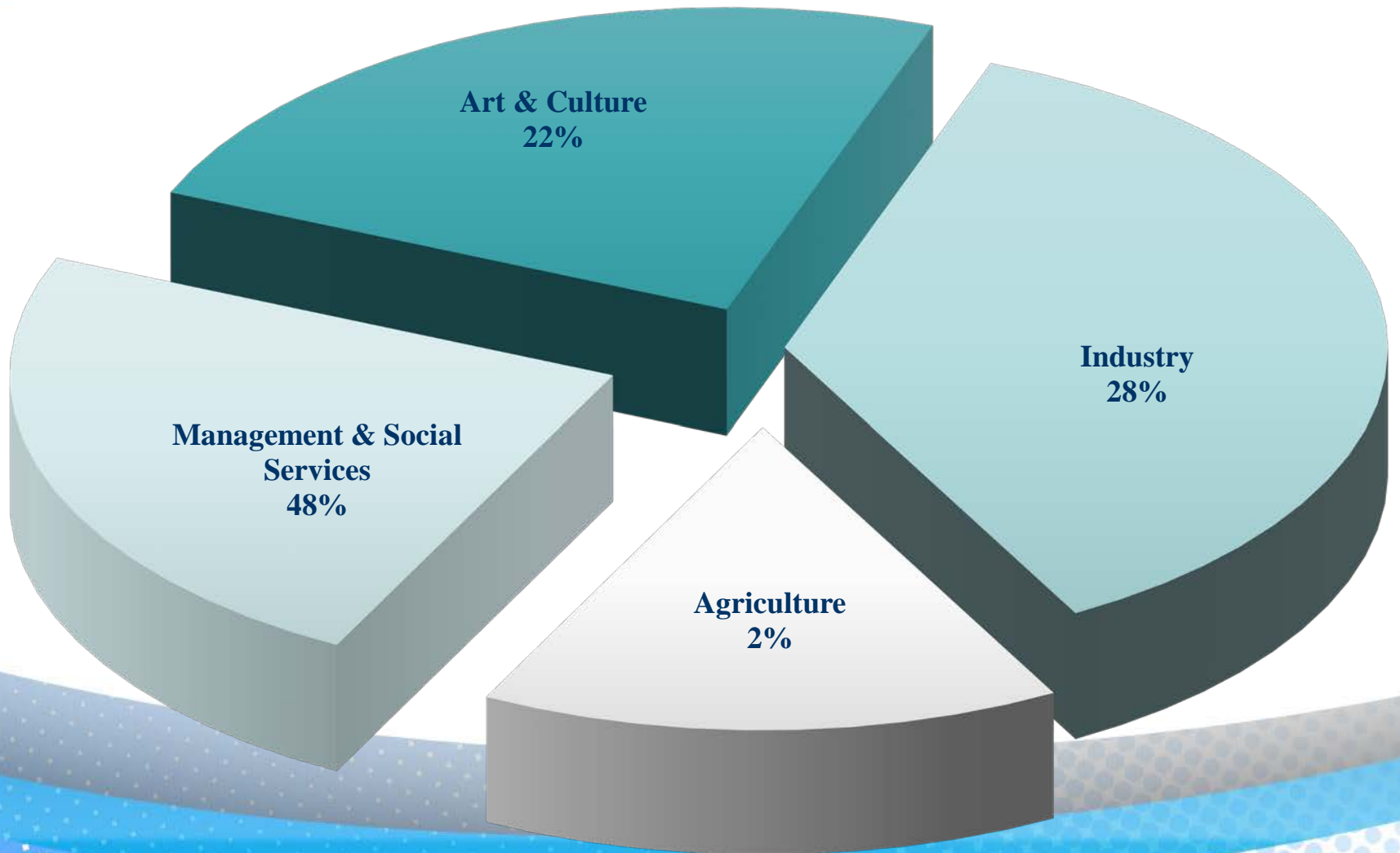
- Skill Module
- Skill Non - degree



Degree Programs



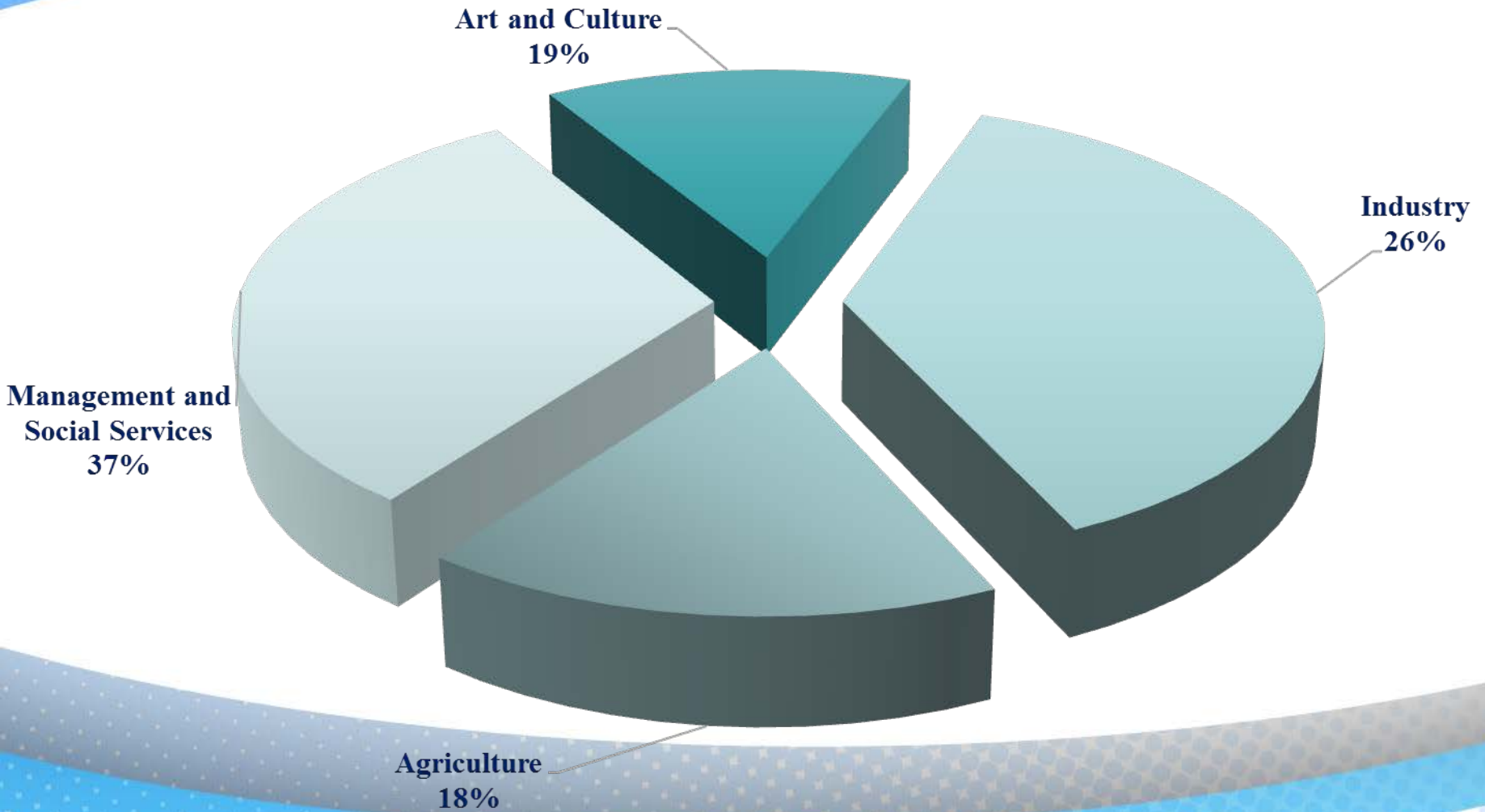
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Non-Degree Programs



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Degree Programs

Type group	Industry	Management & Social Services	Art & Culture	Agriculture	Total	Percentage
Associate	54875	94594	42858	3677	196004	58
Bachelor	39489	66802	32577	2647	141515	42
Master	1	0	0	0	1	0
Total	94365	161396	75435	6324	337520	100
Percentage	28	48	22	2	100	

Non-Degree Programs



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Type / Group	Industry	Management & Social Services	Art & Culture	Agriculture	Total	Percentage
Module	94365	161396	75435	6324	337520	
Non-degree	11	50	55	14	130	23
Total	109	212	156	91	568	100
Percentage	19	38	27	16	100	

Distribution of students in educational group



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250000

101126
Management & Social
Services

200000

140508
Industry

150000

100000

102059
Art & Culture

50000

8123
Agriculture

0

Types of Affiliation of Applied Science Institutes & Centers



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Type of Affiliation	Private Centers	Public Centers	Affiliated centers/institutes	Industrial centers	Other centers	Total
Number of Institutes & Centers	287	217	23	23	50	600



Geospatial Distribution of UAST Centers



Quick Facts about UAST (2018)



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Enrolled Students	337520
Lecturers	54726
Graduates Since 1992	1556649

Academic Staff Statistics in 2017



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Academic Group	Prof. Dr.	PhD	Master
Sum	596	3068	47075
Total	50739		

Foreign Students Statistics - 2017



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Row	Country	Number
1	Iraq	61
2	Afghanistan	207
3	Pakistan	4
4	Others	6
	Total = 298	

UAST Deputies of Vice-President, Education



- Lectures and Trainers Affairs
- Educational Services
- Educational Planning
- Graduated Affairs

UAST Deputies of Vice-President, Supervision

**Supervision &
Evaluation**

**Assessment &
Examination**

**Professional
Qualification**

**Coordination
among
Provinces**

UAST Deputies of Vice-President, Research and Technology



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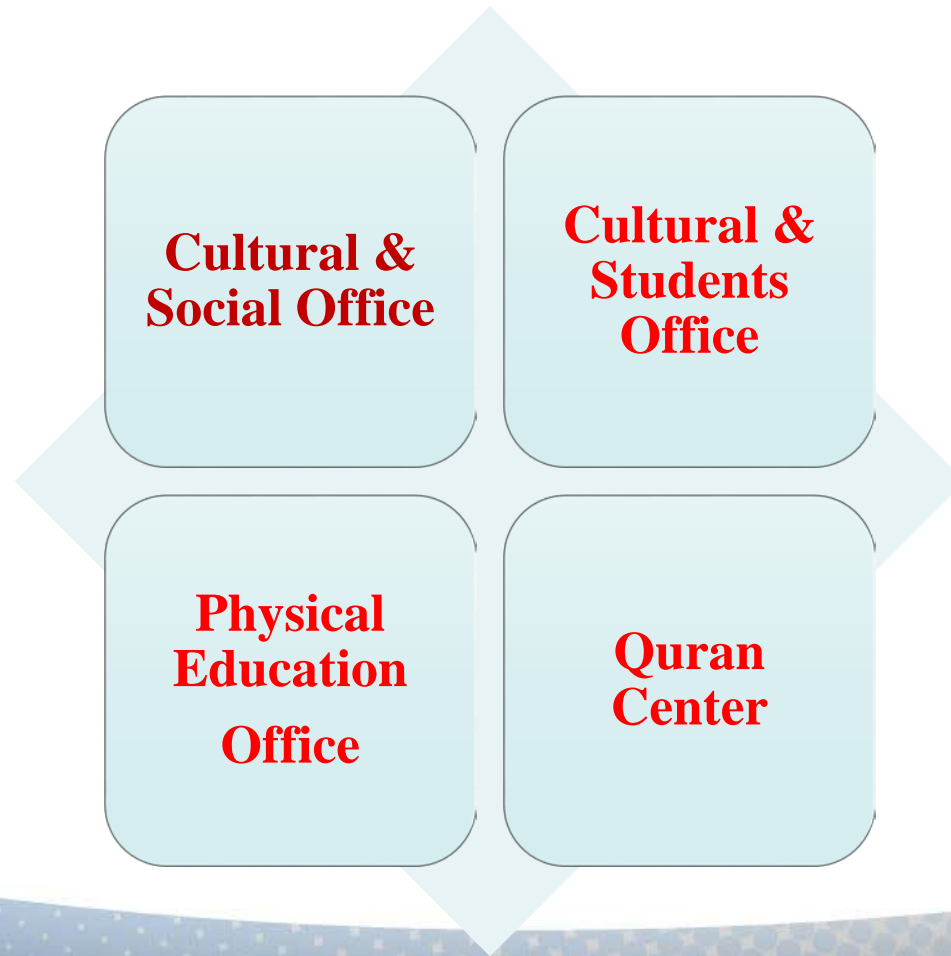
**Research
and
Technology
Affairs**

ICT Sector

Publication

**Industry
Relations and
Entrepreneurs**

UAST Deputies of Vice-President, Cultural and Students Affairs



Selected Top Research Achievements



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Electric Wheelchair



Wire Rope Hanker

Elevator Engine

Automatic
Elevator Door



Selected Top Research Achievements (Cont.)



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**Single Phase Elevator
Power Supply: Solar Panels**



UAV



Brushless Control Board



Hospital Bed

The Share of Employment in Major Sectors of the Job

Year	Industry (%)	Agriculture (%)	Management & Social Services (%)
2012	34.7	16.1	49.2
2013	34.4	16.9	48.7
2014	34.5	17.5	48
2015	33.6	19	47.4
2016	34.6	17	48.7
2017	34.5	17.5	48

The Signed MoUs and LoIs



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Row	Country	University / Research Center
1	Iraq	Salahaddin University
2	⌞	Sulaimani University
3	⌞	Sulaimani Polytechnic University
4	⌞	Almostafa Universal University
5	⌞	The Middle Technical University
6	⌞	Mad Oil Institute
7	⌞	Koya University
8	Turkey	Izmir University
9	⌞	Ege University
10	⌞	Mustafa Kemal University

The Signed MoUs. and LoIs (Cont.)



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Row	Country	University
11	Turkey	Ahi Evran University
12	⌞	Artvin Coruh University
13	⌞	Kahraman Maras University
14	⌞	Ardahan University
15	Republic of Ireland	Dublin Institute of Technology
16	China	Xiamen University
17	Kenia	Pwani University
18	North Cyprus	Near East University
19	⌞	University of Kyrenia
20	The Netherlands	Saxion University of Applied Science & Technology
21	Germany	DBHW

INCUBATORS OF TECHNOLOGY CLUSTERS NETWORK



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Incubators of Technology Clusters Network is a set of interrelated Incubators in different areas with joint activities which physically or electronically share their information, facilities and achievements.

So far, 12 UAST centers have succeeded in obtaining the preliminary license for establishing Incubators of Technology Clusters from the Ministry of Science, Research and Technology.



UAST Incubator Clusters



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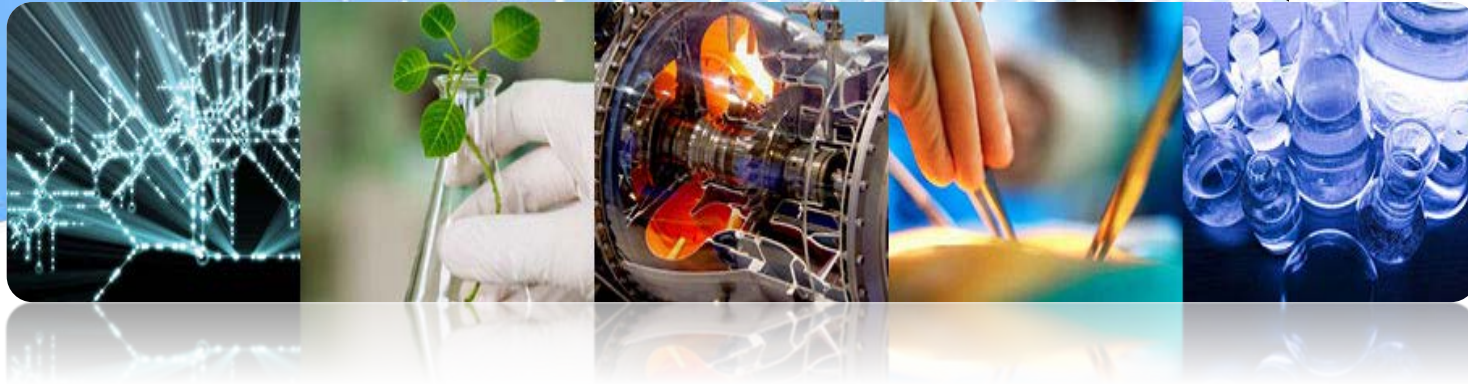
Row	Center
1	Tehran Elevator Incubator Cluster
2	Damavand Elevator Incubator Cluster
3	Karaj Sugar, Candy & Chocolate Incubator cluster
4	Tehran Bread and Flour Incubator Cluster
5	Tehran Social Security and Welfare Institute Incubator Cluster
6	Zanjan Biscuits Incubator Cluster



UAST Incubator Clusters (Cont.)



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7 Shiraz Industries Incubator Cluster

8 Mazandaran Fish Incubator Cluster

9 Isfahan Gaz, Candy and Chocolate Incubator Cluster

10 Isfahan Stone Incubator Cluster

11 Isfahan Home Appliance Incubator Cluster

12 Kerman Precious Stones, Turquoise Incubator Cluster



Some UAST Workshops

Welding Workshop



Milling Machine Workshop



Mechanics Workshop



Some UAST Workshops

Elevator Workshop



Casting Workshop



Strength of Materials Lab.



Art Gallery



Activities undertaken by the International and Scientific Cooperation Office of the UAST:



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UAST website <http://www.uast.ac.ir/en>

The screenshot displays the UAST website interface. At the top, there is a navigation menu with links for 'Structure and Deputies', 'UAST Centers', 'UAST Programs', 'About UAST', 'FAQs', and 'Online Help'. The main content area features a large image of a workshop with a text overlay: 'Holding a Workshop in University of Applied Science and Technology, Lorestan Branch'. Below this, there are two news sections: 'News' and 'Relevant Online News'. The 'News' section includes a photo of a workshop and the headline 'The first specialized training workshop for international relations experts' dated 13 December 2017. The 'Relevant Online News' section shows a video thumbnail of a man speaking at a podium. The Windows taskbar at the bottom shows various application icons and the system clock indicating 1:44 PM on 1/6/2018.

UAST International Catalogue
<http://www.uast.ac.ir/en/page/228/uast-catalogue>



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2017 - 2018

University Catalog

UNIVERSITY OF APPLIED SCIENCE AND TECHNOLOGY



Ministry of Science, Research
and Technology
Islamic Republic of Iran

Establishment of the International Center for Vocational Higher Education and Training of the University of Applied Science and Technology (UAST) in Collaboration with Germany (Under Negotiation)





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**Thank you for your
attention**

