

IGRC 2017

Rio de Janeiro

24 – 26 May 2017

**Science, Research and Technology
in the Islamic Republic of Iran**

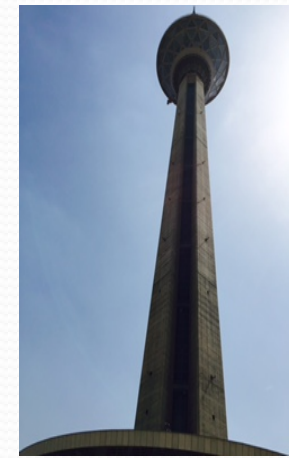
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IRAN General Information

Area	1.648 MSqKm
Population	80 million
Population Growth Rate	1.32%
Literacy Rate (above 6 yrs)	87%
Literacy (6- 18 years)	97%
GDP	521 Billion \$US
GDP Per Capita	7000.00 \$US
Young Population Under 30	45%



Religions in Iran (2017)

Religions
impartiality
In Iran

Different
religions can
live with
peace

	<u>Population</u>
Muslim	78,582,938
Christian	147,704
Jewish	8,956
Zoroastrian	28,271
Others	359,551

Main Ministries Involved in Schooling & Academic Education

- **Ministry of Education**
- **Ministry of Science, Research and Technology**
- **Ministry of Health and Medical Education**
- **Vice presidency for Science and Technology**



Responsibilities of ministries

- **Ministry of Education:**

- responsible for schooling

- **Ministry of Health and Medical Education (MOHME):**

- responsible for science and research in Health and Medical Education
- oversees the integration of the delivery of:
 - health services and medical education,
 - all Medical Universities
 - also the clinical courses

Responsibilities of ministries

- **Ministry of Science, Research and Technology (MSRT):**
 - responsible for directing the science, research and technology;
 - in charge of all courses of Basic Sciences, Human-Sciences, Engineering, Art, Agriculture;
 - in charge of Universities, Research Centres;
 - in charge of Science and Technology Parks.
- **Vice-Presidency for Science and Technology:**
 - responsible for supporting the technological development of the country
 - In charge of all knowledge-based companies

Responsibilities of MSRT

Mandates:

- ❑ Policy making, evaluation and providing required substrates
- ❑ Supports and encourages Universities and Research Institutes (Public/Private),
- ❑ Develops basic science and applied research,
- ❑ Supports Incubators and Technology Parks



International Collaborations

- 
- A world map with a light beige background and various colored regions. The map is slightly blurred and serves as a background for the text.
- Islamic Partners (OIC)**
 - International Organizations**
 - International Partners/Countries**
 - Regional Partners**

International Collaborations

Initiating Collaborations on the following fields:

- Exchange of Academic Visits
- Joint Events
- Policy Making
- MOUs
- Action Plans
- Periodic Mutual Meetings
- Joint Research Calls
- Commercializing Researches
- Joint Universities
- Networking
- Human Resource Development

International Partners



MSRT

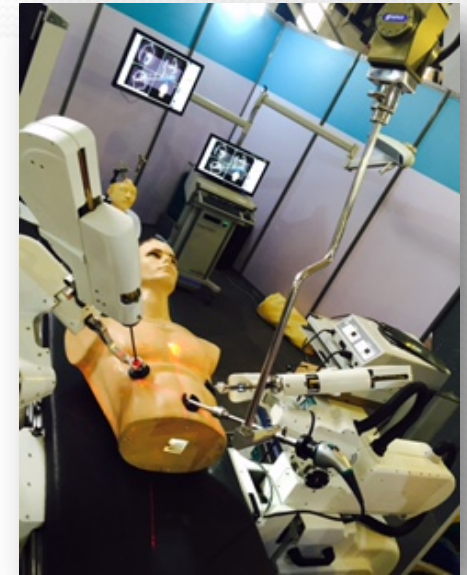
More than 2,390 Universities/Higher Education Institutes

Public Universities	119
University of Learning-By-Distance (PNU)	550
Applied University of Science & Technology	739
Private Universities	295
Azad Islamic University	385
Higher Education Institutes Affiliated to Ministry of Education	274
Higher Education Institutes Affiliated to other Organizations	28



Ministry of Science, Research and Technology (MSRT)- Technology Development, 2017

ST Parks	38
ST Incubators	168
Active Companies in ST Parks /Incubators	4400
Employees in ST Parks /Incubators	29606
Patent Applications	850



University Students (2017)

4,802,724 Students

Public Universities

57%

2,739,979 students

Private Universities

43%

2,062,745 students



%51



%49



University Students (2016)

4,802,724

**Associate
Students**

1,096,028

**Master
Students**

720,806

**PhD
Students**

71,914

**Bachelor
Students**

2,920,963

**Professional
Doctorate**

94,311



Faculty Members (2016)

76,129

Public Universities

43,544

Private Universities

32,585



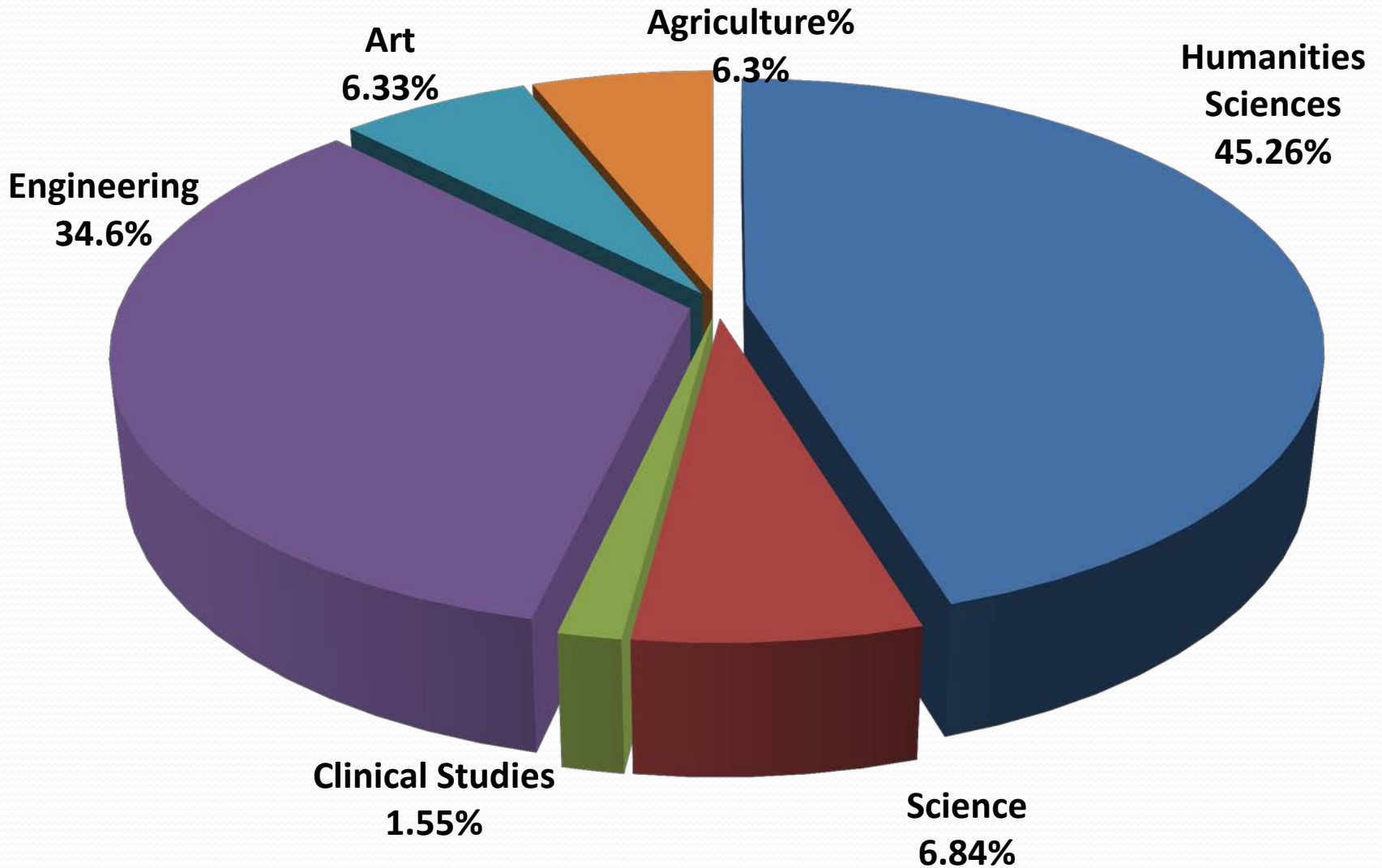
57,648



18,481



Students Trends Distribution



Top Countries in the Publication of ISI Indexed nano-articles in 2014-15

Rank	country	No. of ISI nano articles (2014)	No. of ISI nano articles (2015)	Share of ISI nano articles (2015)	Growth of ISI nano articles comparing to 2014	Growth of Rank comparing to 2014	Growth of share comparing to 2014
1	China	41,199	46,363	33.89%	12.53%	0	5.74%
2	USA	22,342	22,814	16.67%	2.11%	0	-4.09%
3	India	9,368	10,266	7.5%	9.59%	0	2.88%
4	South Korea	8,254	8,652	6.32%	4.82%	0	-1.56%
5	Germany	7,875	7,943	5.815	0.86%	0	-5.22%
6	Japan	7,274	7,086	5.18%	-2.58%	0	-8.48%
7	Iran	5,525	6,419	4.69%	16.18%	0	9.07%
8	France	5,225	5,446	3.98%	4.23%	0	-1.97%
9	UK	4,361	4,672	3.41%	7.13%	0	0.59%

Iran Science Production Ranking

The 16th
Global Rank

The 1st
Regional
rank

2nd place in
scientific
publication
growth rate

Thomson Reuters

Based on No. university among 800 top universities of the world

Year	2013	2014	2015	2016	2017
Iran's Rank	33	32	28	23	?

Fajr Satellite launched and moved in orbit, 2015

Ability for satellite construction, launching, & Making it orbit



Iranian Scientists launched animals in orbit, 2013



Iran ranked first in radiopharmaceutical production in the region



Islamic Republic of Iran is so privileged to warmly welcome academic and technological cooperation, and is keen for having science & technology exchange with the World.





*Thank you
for your attention*