

## ISC AT A GLANCE

Citation Analysis is a powerful and widely accepted tool designed to evaluate the research activities of scientists, universities, institutions and scientific journals over the world. It is applied to make essential decisions about various types of stakeholders (i.e., students, faculty members, researchers, analysts, and program managers) worldwide.

Until recently, ISI was the only institution assessing research performance of countries based on citation studies. Later Scopus, affiliated to Elsevier Publishing Corporation, began its activity in the same field and is by now identified as one of ISI's major competitors.

ISI and Scopus products are internationally recognized as outstanding scientometric centers. However, due to their biased attitude towards English language, most of scientific documents of non-English speaking countries published in native languages, have become deprived of being indexed in those popular international indexing systems. This, in turn, leads to the isolation of the non-English publications.

To solve this important problem, based on the ratification of the Supreme Council of Cultural Revolution on 29th of April, 2008, the Ministry of Science, Research and Technology of the Islamic Republic of Iran established Islamic World Science Citation Center (ISC) as a scientometric Center with a special mission. Later, ISC was also approved by the Islamic Conference of the Ministers of Higher Education and Scientific Research (ICMHERS) in a meeting held by ISESCO in 2008 in Baku, capital of the Republic of Azerbaijan.

ISC as the Islamic World's leading source of scholarly research data, compiles, analyzes, and shares high-quality, multidisciplinary scientific information. ISC's major mission is to assess the research performance of scientists, universities, institutions and scientific journals of the Islamic countries and to provide necessary grounds for enhancing the quality of research and establishing an efficient scientific network in the Islamic World.

ISC could be reached at: [www.isc.gov.ir](http://www.isc.gov.ir)

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# Workshop on

## Increasing impact of research: Strategies and practical solutions for universities and research institutions

**ISC is the third largest citation  
analysis system over  
the globe**



## Significance of Research Impact

Clarivate Analytics (Formerly ISI) and Scopus index the most prestigious journals and conferences of the world, where one of the most important criteria for indexing is the journals quality and impact; however, analyzing WoS data during the past 25 years shows that 20 % of scientific papers in this database have received 73 % of citations, while 50 % of these papers have only received 7 % of total citations. This condition is also almost true with the papers' number of received citations in Scopus database.

The study of the indicators in the most famous ranking systems including QS, Times Higher Education, Shanghai, Leiden and US News shows that on average about 80 % of all ranking systems' indicators (weights) are directly

related to the research quantity and quality. Analyzing WoS data during the past 10 years shows that the top 100 high-impact universities in the world receive about 35 % of the world's total citations. QS and Times Higher Education show that there is a direct relationship between the number of received citations and universal rank of universities.

Studying the most highly-cited researchers of the world in the past 25 years reveals that only 1 % of the world's researchers, receive 24 % of world total citations. In addition, examining the top 400 universities of the world show that citations (normalized) received by these universities' papers are about 30 % to 120 % higher than the universal average.



## About workshop

Universities and researchers constantly plan to promote the scientific authority and consequently impact of research. In this workshop, the research performance of your university will be compared with those of the high ranking universities in the world, and in your country, based on different scientometric indicators.

In this workshop, you will know the current status of

your university and its deserved status. Hence, you can launch effective action plans to increase the research performance of your university. Therefore, research directors, policy makers, and researchers of universities will get acquainted with strategies and skills to enhance impact of research in their respective institutions.

# Major Targets

- Demonstrating the status of research at international, regional and national levels according to various research indicators including the university, the top world ranked universities and the top universities in your country
- Presenting different types of research impact and its significance
- Depicting current status of the university based on various research impact indicators
- Explaining strategies and solutions to enhance the volume of research with regard to the university's status quo
- Creating necessary awareness in order to change the university's promotion policy plan towards enhancement of research impact
- Transmitting the necessary knowledge to implement programs targeted towards enhancement of research impact in the university



## Topics

- Depicting advanced countries' status quo based on scientific productivity indicators
- Illustrating the definition and significance of research impact
- Providing a framework to conduct objective, systematic and intelligent research
- Enhancing technological and innovative aspects of research impact
- Acquaintance with strategies and practical solutions to increase research impact
- Awareness of programs leading to increase in research impact



## Stakeholders

- Research Policy Makers, Research Directors, Faculty Members, and Post-Graduate Students

### As a result of this workshop, research policy makers and directors will learn about:

- Current and optimal status of university with regard to research impact
- How to assess technological and innovative aspects of research impact
- How to compose university policy plans to increase research impact
- Which action plans to carry out in order to increase university's research impact

### As a result of this workshop, researchers, faculty members and post-graduate students will learn about:

- How top international researchers and noble-laureates in top universities of the world conduct research
- Strategies and practical solutions to increase research impact

# Presenters



**Prof. Dr. Mohammad Javad Dehghani**, President of Regional Information Center for Science and Technology (RICeST) & Islamic World Science Citation Center (ISC)

- Scientific productivity in the country: A comparative study (1 hour)
- Research excellence and research leadership (45 minutes)



**Dr. Ali Gazni**, Vice-President for Research and Technology Affairs of Islamic World Science Citation Center (ISC)

- Research Impact: Definition and significance (45 minutes)
- How to increase research impact: Strategies and practical solutions (1 hour and 45 minutes)
- Questions & Discussion (30 minutes)

Dear Colleagues,

The IQAC, Jamia Millia Islamia, New Delhi is organizing a “workshop” on

**Increasing Impact of Research:**  
Strategic and practical solutions for universities and research institutions

in the collaboration with “Islamic World Sciences Citation Center (ISC), Iran”.

*The workshop shall cover the following points.*

- *Depicting advanced countries’ status quo based on scientific productivity indicators*
- *Illustrating the definition and significance of research impact*
- *Providing a framework of conduct objective, systematic and intelligent research*
- *Enhancing technological and innovative aspect of research impact*
- *Awareness of Program leading to increase in research impact*

You are cordially invited to attend the program as per the following schedule.

**Date: 18<sup>th</sup> August 2017**

**Day: Friday**

Introducing to Speakers	10:00 am- 10:05 am
Lecture on “Scientific productivity, Research excellence and leadership” by Prof. Mohammad Javad Dehghani	10:05 am- 11:05 am
Lecture on “Research Impact, How to increase research impact” by Dr. Ali Gazni	11:05 am- 12:00 noon

**Venue: Mir Anis Hall, Administrative Block, Jamia Millia Islamia, New Delhi**



## **Increasing impact of research: Strategies and practical solutions for universities and research institutions**

### **Significance of Research Impact**

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