



# Science Development Network (SDN) ....A tool for IDB scholar's development

[www.sciencedev.net](http://www.sciencedev.net)

## Present Status & Future Prospects



**SCIENCE DEVELOPMENT NETWORK**  
Sharing Science and Technology Know-How




2 Safar 1432 | 08 January, 2011

Home | About | Comments on SDN | Partnership | Membership | Contacts


Words of IDB group chairman




Words, manager of scholarship div.



Science & Development Bulletin




MSP scholars research work




Directory of MSP scholars




Directory of MSc graduates



**IDB scholars workshops**  
Guidance and counseling workshop for IDB merit scholars







**25**  
Silver Jubilee year  
1982 - 2007




Silver Jubilee year for IDB scholarship programmes

Spotlights

**SDN Present Development & Future Prospects**



**IDB Graduates Associations**



Winners of Excellent Leadership Award 2010

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# **List of contents**

## **I. Introduction**

## **II. Mission**

## **III. Vision**

## **IV. Objectives**

## **V. Memberships**

## **VI. A brief description of SDN activities & beneficial impact on IDB scholars**

- (1) Producing and distributing a monthly electronic bulletin entitled "Science and Development "
- (2) Social and Islamic activities
- (3) Documenting IDB scholars research work and projects in "MSP scholars research work"
- (4) Promoting the profiles of IDB scholars in "directory of MSP scholars" and directory of MSc graduates"
- (5) Promoting scientific cooperation and networking among IDB scholars in "IDB S&T forum"
- (6) Building up IDB Alumni by setting mini-website for "IDB graduates associations"

## **VII. SDN's members' feedback**

## **VIII. Future programmes and activities**

## **I. Introduction**

Science development network (SDN) is a pioneering initiative launched on November 2007 by IDB Scholarship Division to serve IDB scholars and promote their role in developing knowledge-based economy in IDB member countries.

SDN is the representative of IDB scholar's science and technological community in the 57 IDB member countries and has already been recognized as a global scientific forum and become the world's leading online provider of information and knowledge to academic, research and industry professionals and as a tool to increase awareness, and develop science-based products in the Islamic world.

SDN has also established itself as an online knowledge transfer and dissemination clearinghouse "a repository of knowledge for science and technology in IDB member countries" for serving IDB scholars.

## **II. Mission**

"To set up the Islamic community of science and technology professionals for the promotion of technology-based socio-economic development in IDB member countries with focus on primarily serving the IDB scholars"

## **III. Vision**

"To assist IDB scholars to play their role in the development of science and technology for the benefit of the Ummah, and to function as the Islamic Science Brain Trust"

## **IV. Objectives**

- To promote networking and cooperation between IDB scholars in scientific research and development programmes.
- To share scientific information, including the results of research conducted by the IDB scholars, particularly concerning their contributions and applications in industrial development in the IDB Member countries.
- To promote the opportunities for training and development of IDB scholars through information sharing.
- To exchange views and ideas of IDB scholars towards the formulation of strategies for the development of science and technology for establishing knowledge-based Ummah.

## **V. Memberships**

Mainly, the members of SDN are IDB scholars. As the SDN grows several scientists, researchers, technologists, and science policy makers, from almost all IDB member countries as well as Muslim scientists living in non-Muslim countries such as the west have expressed interest in joining SDN.

This type of membership was allowed, mainly, for the purpose of serving IDB scholars and for the benefit of scholarship programmes in the following directions:

- Promoting IDB scholarship programmes in IDB member countries through circulating of the announcement for IDB scholarships for the Muslim scientific community in Muslim and non-Muslim countries through the use of its e-mail database.
- Enhancing cooperation between IDB scholars and scientists in IDB member countries.
- Helping IDB scholars in searching for a supervisor and host institutes through getting in touch with Muslim scientists in IDB member countries and the west.

The qualifications of the SDN members vary from Bachelor, Master and PhD along with professors in different science and technology fields.

For the time being, SDN has about 35 thousands members including IDB scholars. Since its Launch on November 2005, SDN has managed to transfer about million pages to its members.
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## **VI. A brief description of SDN activities & beneficial impact on IDB scholars**

### **(1) Producing and distributing a monthly electronic bulletin**

**entitled (Science and Development)**

<http://www.sciencedev.net/fe/GetPage.aspx?pid=33>

This bulletin helps IDB scholars through the following:

- Promoting the result of their research projects to IDB scientific community
- keeping IDB scholars up to date with scientific advances
- Monitoring science and technology development in IDB member countries to help IDB scholars to tailor their projects according to Islamic world's needs.

- Provide IDB scholars with up to date information about new scientific reports as well as multimedia sources for use in science education.
- Present information about conferences and scientific meetings in IDB member countries to facilitate the participation of IDB scholars.
- Provide information about fellowships, award and funding opportunities to help IDB scholars to progress in their scientific career.
- Provide information about academic job opportunities in Islamic countries to help IDB scholars to make use of their expertise within the Islamic world.

So far, 105 issues of the electronic bulletin entitled (Science and Development " has been produced and distributed to IDB scholars.

## (2) Social and Islamic activities

Linking IDB scholars with Islamic occasions by sending e-cards to them in Eid el-fater, Eid Al-adha, Ramadan and Hijrah..... This helps in making IDB scholars feeling home and at the same time enhance their religious information. <http://www.sciencedev.net/fe/GetPage.aspx?pid=15>

So far, 32 e-cards for Islamic occations have been produced and distributed to IDB scholars.

## (3) Documenting IDB scholars research work and projects in

**"MSP scholars research work"** <http://www.sciencedev.net/fe/electlib/elect.html>

This database helps IDB scholars in the following directions:

- Promoting the results of IDB scholars research projects
- Enhancing cooperation among IDB scholars and with scientists in the Islamic world.
- Linking the research work of IDB scholars with industry as well as investors who can help to bring ideas, inventions and innovations to market, or otherwise into economically productive use.
- Facilitating the access to knowledge and promote the transfer of technology developed by IDB scholars to IDB member countries.

So far, this online science and technology library for IDB scholars' research works contains 248 research papers and studies from 35 IDB member countries.

(4) **Promoting the profiles of IDB scholars in "directory of MSP scholars"**

<http://www.sciencedev.net/fe/DirectoryOfIDBScholars/mapworld.html>

**and directory of MSc graduates"**

<http://www.sciencedev.net/fe/DirectoryOfMScGraduates/dmg.html>

This directory helps IDB scholars in the following directions:

- Building a strong pool of experts in various scientific and technological fields from IDB scholars who are highly trained and talented professionals as well as eminent scientists, engineers and technologists to facilitate making use of them in industrial, higher education, and technological and scientific sectors as well as providing consultancy to companies in IDB member countries.

This demonstrates a practical mean of IDB's help for its member countries through preparing scientific workforces needed for development.

So far, these directories of IDB scholars contain 118 MSP scholars from 33 IDB member countries and 38 M.Sc.s. scholars from 17 IDB member countries.

(5) **Promoting scientific cooperation and networking among**

**IDB scholars in "IDB S&T forum"** <http://sciencedev.net/forums/>

(6) **Building up IDB Alumni by setting mini-website for "IDB graduates associations"**

<http://www.sciencedev.net/fe/IDBAssociations/IDBA.html>

## **VII. SDN's members' feedback**

SDN work was acknowledged by its members including IDB scholars and eminent scientists in IDB member countries.

<http://www.sciencedev.net/fe/GetPage.aspx?pid=30>

Below are just some examples.

“ScienceDev.net service is a valuable and informative service for developing countries in general and the Islamic countries in particular”

*Dr. Mohamed Taeb, Institute of Advanced Studies, United Nations University, Japan.*

“It gives me great pleasure to know that there are wonderful people out there that have taken this effort on and are working hard to promote science in our culture....As a 'Muslim Women' in science, I must admit there are not many opportunities to showcase the wonderful efforts of the many gifted and talented Muslim women in Science. But insha Allah this will be a great place for them.”

*Dr.Arwa Al-Aama, Chair of the Women's Computer Science Department, King Abdul Aziz University, Saudi Arabia*

“Thank you very much for the tremendous job you have done about the Network and the initiatives you take”

*Dr.Mamadou Goita, Member of the general committee of the IDB merit/M.Sc. scholarship Programme.*

"I do not feel hesitation giving my views on your very excellent services being rendered for promoting science in the Muslim world. Your strenuous efforts and dedication for uplifting science and technology in the Islamic will definitely be remembered for ever."  
*Sirajuddin. M.Horaginamani, Researcher, Bharathidasan University, INDIA.*

"I am grateful for these articles, hope to get more from you to enable us the young Scientist in Africa build our capacity in Science and Technology."  
*Igili Andrew, Federal Ministry of Science and Technology, Planning Research and Policy Analysis Department, Abuja, FCT, Nigeria*

“Excellent work and I personally congratulate you for it”

*Dr.Yasser Elshayeb, Assistant Coordinator, National TEMPUS “Trans-European Mobility Scheme for University Studies”, Egypt.*

“Thank you for sending me the ScienceDev.net's Newsletter. I see this newsletter is important for us. Hopefully, this newsletter will always come to us every month. I appreciate the editor(s) for their hard working”

*Dr.Ahmad Sulaeman, Dept of Community Nutrition, Faculty of Human Ecology – Bogor Agricultural University, Indonesia.*

“It could be helpful for our countries”

*Dr. Khaled Masmoudi, Head of the Plant Molecular Genetics Unit, Centre of Biotechnology of Sfax, Tunisia.*

## **VIII. Future programmes and activities**

Based on the availability of fund, SDN could do a number of new initiatives including the following:

- Establishing e-journal for science and technology which will include IDB scholars work.
- Organizing a symposium about the role of IDB scholars in developing Knowledge-based economy in Islamic countries.