

In the Name of God

**1st Meeting of the
Iran-Pakistan Expert Committee on Science, Technology and Education
25-26th May 2016
Islamabad**

Minutes of the Meeting

The first meeting of the Pakistan- Iran Joint Expert Committee on Science, Technology and Education was held on 25th of May 2016 in Islamabad. The list of the Iranian and Pakistani delegations is attached at **Annex-I**. The agenda of the meeting is attached at **Annex-II**.

2. The meeting started with recitation from the Holy Quran, followed by a formal introduction of the two delegations.
3. The Pakistan side was led by Prof. Dr. Muhammad Ashraf, Chairman, Pakistan Science Foundation (PSF), while the Iranian Delegation was led by Prof. Dr. Ali Reza Bandani, President, University of Sistan and Baluchistan, I.R. of Iran.
4. The Head of Pakistani delegation highlighted the importance of brotherly relations between the two neighboring countries. He further emphasized that bilateral relations between the two countries can be further enhanced by strengthening the cooperation in the fields of Science, Technology and Education under the existing frameworks of cooperation.
5. The head of the Iranian delegation thanked and greatly appreciated the hospitality extended by the Ministry of Science and Technology to the Iranian Delegation. He also expressed satisfaction over the bilateral relations between the two friendly countries in the field of S&T.
6. The meeting as per the agenda reviewed the implementation status of the MoU on S&T Cooperation and the Program of Cooperation (PoC) signed in 2002 and 2007, respectively. The two sides also observed the impediments in the way of

implementation of the MoU and PoC signed already, and a way-forward for progress towards implementation was discussed in detail.

7. The two sides decided that the following officers from the two Ministries would be the contact person(s) for monitoring, coordination and implementation of the MoU:
 - Mr. Amjad Hussian, Joint Scientific Adviser (International Liaison) Ministry of Science and Technology, Pakistan
 - Mr. Hassan Kalateh, Director, Center for International Scientific Cooperation, Ministry of Science, Research and Technology, I.R. of Iran
8. The two sides agreed upon and signed a Program of Cooperation (PoC) for the years 2016-18. **Annex-III**
9. The two sides decided to set aside an amount of US\$ 0.2 million for execution of the MoU as per provision of **Article 5** of the MoU-2002. This fund would be named as **“IQBAL FUND for Science, Research and Technology Development between Pakistan and Iran”**. The amounts utilized out of the fund are to be regularly replenished periodically for the duration of the PoCs agreed.
10. The two sides decided to hold each year four (4) joint seminars and workshops alternatively in Pakistan and Iran, on the terms and conditions to be agreed upon mutually. The contact persons will coordinate with each other for deciding upon the mechanism of holding these events. The areas may be Innovation & Technology Transfer, Vaccine Production, Climate Change and Environmental Stresses, Herbal Medicine, Plant Genetic Engineering and Biotechnology, Disease Diagnosis, Nanotechnology and Renewable Energy. The fields and timeframe of workshops will be decided with mutual consents. Two such Joint Workshops/International Conferences will be conducted at least one in Pakistan and one in Iran before December, 2016.

11. Higher Education Commission (HEC) and Student Affairs Organization (SAOG) will facilitate exchange of students between Pakistan and Iran on mutually agreed terms and conditions.
12. The two sides decided to establish "**Pakistan-Iran Joint S&T Center at Chabahar**" which would later be transformed into an industrial park to house joint venture companies.
13. The two sides will arrange 4 exchange visits of researchers and experts per annum. The airfare will be borne by the sending party while the local hospitality by the hosts.
14. Offers of scholarships by Pakistan to its students for study in Iran shall be reciprocated by Iran providing the equal number of scholarships in Pakistan.
15. Iran will provide 40 scholarships to the Pakistani students. Pakistan will shortlist 80 students in different disciplines. The 50% would be selected by Iran through its selection procedure. The selected students will study Persian course for one year. The final thesis may be in English. The selected students should be in contact with the relevant Universities in Iran for fulfillment of admission requirements. The criteria and modalities for award of these scholarships will be intimated by the Iranian side in due course.
16. The two sides will fund at least 10 joint research projects in the areas mutually agreed upon. Pakistan Science Foundation (PSF) will be the funding agency for joint research projects from Pakistan, while Center for Research and International Scientific Cooperation from Iran.
17. Both sides agreed to exchange of at least 10 experts in the fields of Technology Transfer and Commercialization per year.
18. MoST, National University of Science & Technology (NUST), COMSATS Institute for Information Technology (CIIT) and National Institute for Biotechnology & Genetic Engineering (NIBGE) will arrange visit for its scientists/technologists to Technology Parks of Iran during this year to learn the lessons and get training on

working of Technology Parks. Pakistan will share its action plan with the Iranian counterparts regarding this matter.

19. Higher Education Commission of Pakistan will submit a proposal for developing cooperation between the Universities and R&D organizations of both countries.

20. The two sides agreed to establish two offices of Technology Transfer one each in Pakistan Science Foundation (PSF) and Ministry of Science Research and Technology (MoSRT) Iran on mutually agreed terms and conditions.

Done and Signed on 25th May 2016 at Islamabad.

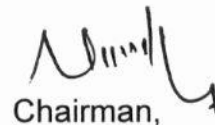
Prof. Dr. AliReza Bandani,



President,

University of Sistan and Baluchistan
Ministry of Science Research and
Technology
Islamic Republic of Iran

Prof. Dr. Muhammad Ashraf (S./)



Chairman,

Pakistan Science Foundation (PSF)
Ministry of Science and Technology
Islamic Republic of Pakistan

**1st Meeting of the Iran-Pakistan Expert Committee on Science & Technology and
Education**

Islamabad to be held on 25-26 May, 2016

IRANIAN DELEGATION

Prof. Dr. Ali Reza Bandani, President, Sistan and Baluchistan University

Dr. Mohammad Reza Doosti, Chairman, Science & Technology Park of South Khorasan Province

Dr. Samad Haaj Jabbari, Director General Foreign Students, Organization of Students Affairs, Ministry of Science, Research & Technology.

Dr. Mohammad Ali Malboobi, Deputy, National Institute of Genetic Engineering and Bio-Technology.

Mr. Hassan Kalateh, Head of Bilateral Scientific Cooperation, Center for Scientific & International Cooperation, Ministry of Science, Research & Technology.

Mr. Syed Abbas Badrifar, Embassy of Iran, Islamabad.

PAKISTAN DELEGATION

Prof. Dr. Muhammad Ashraf, S.I., Chairman, Pakistan Science Foundation, Islamabad.

Dr. Shahzad Alam, Chairman, PCSIR, Islamabad.

Mr. Amjad Hussain, Joint Scientific Adviser (IL), Ministry of Science & Technology

Dr. Muhammad Raza Chohan, Director General (Academics), Higher Education Commission

Ms. Talat Anjum, Director General, Ministry of Federal Education and Professional Training

Dr. Riaz Ahmed, Director, Quality Assurance, NUST, Islamabad

Dr. Tariq-Ur-Rahman, Advisor (International Office, COMSATS University, Islamabad

Dr. Shahid M. Baid, Director, NIBGE, Faisalabad

Dr. M. Nawaz Khokhar, Director, PCSIR, Islamabad

Dr. Ahsan Feroze, Deputy Scientific Adviser (IL), Ministry of Science & Technology

Khan Muhammad Wazir, Assistant Scientific Adviser (IL), Ministry of Science & Technology

Irfan Ahmad, Scientific Officer/Coordination Officer, Pakistan Science Foundation, Islamabad

Mr. Rizwan Shoukat, Deputy Director, (Academic), HEC, Islamabad

**1st Meeting of the
Iran-Pakistan Expert Committee on Science & Technology and Education
Islamabad- 25-26 May 2016
Agenda**

1. Opening Remarks by the Heads of the Delegations
2. Introduction of Delegates.
3. Brief on Pakistan and Iran S&T Cooperation **Annex-I**
4. Reviewing the status of the Memorandum of Understanding (MoU) on Cooperation in Science and Technology, signed in the city of Islamabad, on 24th December 2002, between the Ministry of Science and Technology of the Government of the Islamic Republic of Pakistan and the Ministry of Science, Research and Technology (MSRT) of the Government of the Islamic Republic of Iran. **Annex-II**
5. Reviewing the Programme of Cooperation (PoC) in the fields of Science and Technology, agreed and signed in Tehran on February 2007 **Annex-III**
6. Define and implement at least 5 projects in the areas such as: Biotechnology, Renewable Energy Technology, Environmental Stresses, Food Technology, Oceanography, Material Sciences, Medical Sciences and Herbal medicine, Social Sciences and their role in S&T, etc **the two sides may deliberate on the proposals**
7. Establishment of Technology Transfer Centre at Pakistan Science Foundation. **the two sides may deliberate on the proposals**
8. Holding workshops and meetings on establishing and managing Science and Technology Parks **the two sides may deliberate on the proposals**
9. Training of academic, technical and administrative staffs. **the two sides may deliberate on the proposals** Establishing joint college or dual degrees.
10. Developing cooperation between higher education and research institutions. **the two sides may deliberate on the proposals**
11. Establishment of Linkages between Universities of Pakistan and Iran in the fields of Islamic Studies, Social Sciences, Law, and medical sciences. **the two sides may deliberate on the proposals**
12. Exchanging students, faculty members and experts in the fields of long-term and short-term programs and scholarships. **the two sides may deliberate on the proposals**
13. Any other matter of mutual interest.
14. Adoption and Signing of the Agreed Minutes of the Meeting

Programme of Cooperation (PoC)
in
Science and Technology
between
The Ministry of Science and
Technology, Government of the Islamic Republic of Pakistan
and
The Ministry of Science, Research and Technology
Government of the Islamic Republic of Iran
For the Years 2016-2018

In pursuance of Article-4 of the Memorandum of Understanding (MoU) on Cooperation in Science and Technology signed at Islamabad on 24th December, 2002, between the Ministry of Science and Technology, Government of the Islamic Republic of Pakistan and the Ministry of Science, Research and Technology, Government of the Islamic Republic of Iran, agreed to establish a Pakistan-Iran Joint Expert Committee on Science Technology and Education Cooperation to coordinate the implementation of the above mentioned MoU. The first meeting of the Joint Expert Committee was held at Islamabad from 25-26 May 2016.

The two sides, through friendly consultations in the First Joint Expert Committee meeting, have agreed to the following modalities for organizing this Program of Cooperation (PoC) during the years 2016-2018 in the mutually agreed areas as defined in Article 4 of this PoC.

1. Organizations for PoC Execution

Both sides agreed upon having the following focal points for monitoring, coordination and implementation of the MoU as well as PoCs;

- International Liaison, Ministry of Science and Technology, Pakistan.
Coordinator/Contact person: Mr. Amjad Hussian.
- Center for International Scientific Cooperation, Ministry of Science, Research and Technology, I.R. of Iran.
Coordinator/Contact person: Mr. Hassan Kalateh.

2. Joint Research Projects:

Both sides have agreed to support joint research in S&T fields of mutual interests. Such projects shall be developed jointly by interaction between Principal Investigators (PIs) nominated by the focal points of this PoC on the format given in **Annex-IV**. The Joint Research Project Proposals will be submitted to the Joint Experts Committee through the designated contact person to the Respective focal points for necessary evaluation and processing.

3. Study/Practical Training Visits, Seminars and Workshops

- i. The Scientists/Researchers and experts shall be nominated by the sending/receiving side. The nomination will be communicated to the receiving/sending focal point in the mutually agreed request form (**Annex-V**) at least two months prior to beginning of the study visit/practical training.
- ii. The receiving side will communicate its willingness to receive the proposed study team/trainees visit within two weeks of receiving their particulars.
- iii. As far as possible, the study/training visit will be confined to one or two institutions indicated and will be undertaken with reference to a definite plan of work.
- iv. The sending side should communicate the exact date of travel of the visiting scientist/trainee and his/her flight number two weeks before the planned date of arrival.

4. Financial Provisions:

- i. The sending side will bear the International travel cost, and health and accident insurance of the visitor.
- ii. The receiving side shall provide full local hospitality to the visiting scientist/trainee.
- iii. The receiving side shall pay Registration Fee, if any, for participation of visiting scientist/trainee in a Seminar, Workshop etc.
- iv. If necessary, financial terms may be revised after mutual consultations between the two sides.

5. Areas of Cooperation

The subject areas with specific proposals agreed in principle for formulation of detailed proposals through interaction between the counterpart organizations of the two sides are: Biotechnology, Nanotechnology, ICT, Technical & Vocational Training, Renewable Energy Technology, Environmental Stresses, Agricultural Sciences, Engineering & Technology, Remote Sensing & GIS, Climate Change, Pharmaceuticals, Mining, Geology, Food Technology, Marine Science & Oceanography, Material Sciences, Disaster Management, Metrology Standards Testing and Quality (MSTQ), Herbal Medicine, S&T and Industrial Parks, Social Sciences & Humanities, Joint PhD and Post-Doctoral Research Programs, and Exchange of Technical Trained Manpower etc.

6. Funding Provisions:

The two sides decided to set aside an amount of US\$0.2 million each for execution of the MoU as per provision of **Article 5** of the MoU-2002 for the duration of this PoC. This fund would be named as **“IQBAL FUND for Science & Technology Development between Pakistan and Iran”**. The above amounts will be spent by the focal points in each side under supervision of the corresponding ministries. The amounts utilized out of the fund are to be regularly replenished, periodically for the duration of the PoCs agreed.

7. Action Plans and Time-Frames:

- a. The two sides decided to hold each year four (4) joint seminars and workshops alternatively in Pakistan and Iran, on the terms and conditions to be agreed upon mutually. Two such Joint Workshops/International Conferences will be conducted at least one in Pakistan and one in Iran before December, 2016. The contact persons will coordinate with each other for deciding upon the mechanism of holding these events.
- b. The two sides decided to establish **“Pakistan-Iran Joint S&T Center at Chabahar”** which would later be transformed into an industrial park to house joint venture companies.

- c. The two sides will arrange 4 exchange visits of researchers and experts per annum. The airfare will be borne by the sending party while the local hospitality will be borne by the hosts.
- d. Offers of scholarships by Pakistan to its students for study in Iran shall be reciprocated by Iran providing the equal number of scholarships in Pakistan.
- e. Iran will provide 40 scholarships to the Pakistani students (a composition of 15 Bachelor, 15 Master and 10 Ph.D. candidates in various disciplines) plus 10 students for Persian language and Literature. Pakistan will shortlist 100 students in different disciplines. The recipients of scholarship would be selected by Iran through its selection procedure. The selected students will pass Persian course. The final thesis may be in English including a Persian abstract. The selected students should be in contact with the relevant universities in Iran for fulfillment of admission requirements. The criteria and modalities for award of these scholarships will be intimated by the Iranian side in due course.
- f. Higher Education Commission (HEC) and Student Affairs Organization (SAOG) will facilitate exchange of students between Pakistan and Iran on mutually agreed terms and conditions.
- g. The two sides will fund at least ten joint research projects in the areas mutually agreed upon. Pakistan Science Foundation (PSF) will be the funding agency for joint research projects from Pakistan while Iranian National Science Foundation (INSF) and Center for Scientific Cooperation (CISC) from Iran.
- h. Both sides agreed to exchange at least 10 experts in the fields of Technology Transfer and Commercialization per year.
- i. The two sides agreed to establish two offices of Technology Transfer one each in Pakistan Science Foundation (PSF) and Ministry of Science Research and Technology (MoSRT) Iran on mutually agreed terms and conditions.

Done at Islamabad on 25th day of May, 2016 in two originals in English language. Both copies are equally authentic.

For and on Behalf of the
Ministry of Science Research and
Technology (MoSRT),
Islamic
Republic of Iran



Prof. Dr. Ali Reza Bandani
President of Sistan and Baluchistan
University

For and on Behalf of the Ministry of
Science and Technology (MoST)
Islamic
Republic of Pakistan



Prof. Dr. Muhammad Ashraf, S.I.
Chairman
Pakistan Science Foundation

Programme of Cooperation (PoC) in Science and Technology between the
Ministries of
Science and Technology, Government of the Islamic Republic of Pakistan and
The
Ministry of Science, Research and Technology Government of the Islamic
Republic of Iran
for the Year 2016-2018

Proforma for application of Joint Research projects

A. Project Identification

1. Title of the Project:
2. Duration of the Project in Months:
3. Expected date of commencement:
4. Field of Science & Technology covered by the proposal:
5. Brief Summary of the project proposal:
6. Principal Investigation (PI) & Collaborating Institution:

PAKISTAN

IR IRAN

Name of PI:

Designation :

Institution's Address:

Telephone No. :

Fax No:

E-mail. :

B. Technical Information.

1. Objectives of the Project:
2. Justification for collaboration and brief information about national and international scenario in the proposed area of research (up to 200 words):
3. Description of the project including methodology (up to 400 words):
4. Plan of Work :

Time Scheduled	Pakistan Responsibilities	Iran Responsibilities
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1st Year:

2nd Year:

3rd Year

5. Number of exchange visit required to achieve the Project Objective (Year-Wise)

Period	Pakistan to Iran		Iran to Pakistan	
	Number	Duration	Number	Duration

1st Year

2nd Year

3rd Year

6. Expected results of this cooperation (e.g. Joint publications, patents, etc) Are any of the expected results likely to have commercial value? How do you propose to share it ? (up to 100 words).
7. Bio-data of Pakistani and Iranian Principal Investigators to be attached. Description should highlight the expertise of PI(s) in the proposed field of work supported by citing relevant publications only (to be appended in about 2 pages).

C. Administrative & Financial Information**1. (i) Project Cost (Pakistan):**

Year	Equipment Required	Consumables	Contingency	Exchange of Visits	Total cost
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1st Year

2nd Year

3rd Year

G. Total

(ii) Project Cost (Iran)

Year	Equipment Required	Consumables	Contingency	Exchange of Visits	Total cost
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1st Year

2nd Year

3rd Year

G. Total

2. Signature of the Project Investigators & Co-Investigators

PAKISTAN

IRAN

3. Declaration from the Head of Collaborating Institutions:

It is certified that:

- i. The institutions agree to participate in this Joint Research project.
- ii. The institutions shall provide infrastructure and necessary facilities for implementing the joint project.
- iii. The Institutions assume to undertake financial and other management responsibilities for the part of the project work to be carried out at their institutions.

4. Signatures & Seals of the Heads of the Institutions

Pakistan

Iran

Programme of Cooperation (PoC) in Science and Technology between the
Ministries of
Science and Technology, Government of the Islamic Republic of Pakistan and
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Ministry of Science, Research and Technology Government of the Islamic
Republic of Iran
for the Year 2016-2018

Proposal for the Exchange Visits

1. Project Title:
2. Project Code:
3. Last Name :
First and Middle Name:
4. Sex:
5. Date and Place of birth:
6. Father Name:
7. Passport No:
Date and Place of Issue:
8. Designation, Organization with contact numbers:
9. Area of Specialization:
Important publications during last 5 years:
10. Duration of the visit:
11. Date of initiation:
12. Expected port of Landing:
13. Institutes to be visited with duration (Not more than three) :
14. Brief write-up o the purpose of the visit and expected outcome:
15. (Please attach separate sheet if necessary),

Signature
Head of Institution
Proposed side
Date:

Signature
Head of Institution
Agreeing side
Date: