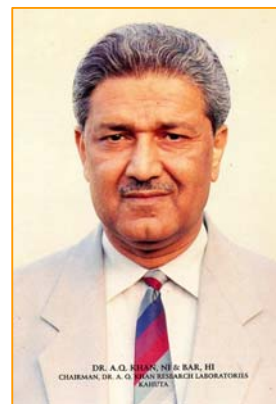


BIODATA*
OF
DR. A. Q. KHAN
NISHAN-I-IMTIAZ & BAR,**
HILAL-I-IMTIAZ***

Website: <http://www.draqkhan@com.pk>

Website: www.draqkhan.com.pk



1. Name: Abdul Quadeer Khan
2. Father's Name: Abdul Ghafoor Khan
3. Date & Place of Birth: 01-04-1936 (Bhopal, India)
4. Nationality: Pakistani
5. Addresses:
 - Official: Dr. A. Q. Khan Research Laboratories,
P.O. Box No. 502, Rawalpindi, Pakistan
 - Private: 207, Hill Side Road, E-7, Islamabad
6. Academic Qualifications: B.Sc. (1960, Karachi University)
Metallurgical Engineering Courses (1962-63, Technical University, Berlin, West Germany)
M.Sc. (Tech.) (1967, Delft Technological University, Delft, Holland)
Doctor of Engineering (1972, University of Leuven, Belgium)
7. Honorary Doctorate Degrees
 1. Doctor of Science (D.Sc.) by the University of Karachi on July 25, 1993
 2. Doctor of Science (D. Sc.) by Baqai Medical University, Karachi on December 11, 1998
 3. Doctor of Science (D.Sc.) by Hamdard University, Karachi on March 6, 1999
 4. Doctor of Science (D.Sc.) by Gomal University, D. I. Khan, N.W.F.P, on April 16, 1999
 5. Doctor of Science (D.Sc.) by University of Engineering & Technology, Lahore, on December 9, 2000
 6. Doctor of Science (D.Sc.) by Sir Syed University of Engineering & Technology, Karachi, on March 25, 2001
8. Brief Life Sketch: Attached as Appendix-I
9. Positions Held: Tech. Asstt., Star Engg. Works, Karachi (1956-58)
Practical Trainee, with Siemens Pak. Engg. (1958-59)
Inspector of Weights & Measures, Government of Pakistan, Karachi (1959-61)

* Biodata as of March, 2003

** Pakistan's highest Civil Award

*** Pakistan's second highest Civil Award

		<p>Research Assistant to Professor Burgers at Delft Technology University, Holland (1967-68)</p> <p>Research Fellow, Leuven University, Belgium (1968-72)</p> <p>Senior Metallurgist/Deputy Manager, FDO Engg. Consultants, Amsterdam, Holland (1972-75)</p> <p>Project Director, Dr. A. Q. Khan Research Laboratories, Kahuta, Rawalpindi (July 31, 1976-October 13, 1998)</p> <p>Project Director, GIK Institute of Engg. Sciences, Topi, NWFP (1990-to date)</p> <p>Chairman, Dr. A. Q. Khan Research Laboratories, Kahuta, (October 14, 1998 - March 31, 2001)</p> <p>Special Adviser to the Chief Executive of Pakistan on Strategic Programme and KRL Affairs (April 1, 2001 – November 29, 2002)</p> <p>Special Adviser to the Prime Minister of Pakistan on Strategic Programme (November 30, 2002 – January 2004)</p>
10.	Medals/Awards/Distinctions received	<p>63 Gold Medals/Awards from various national organisations</p> <p>Nishan-i-Imtiaz (on August 14, 1998)</p> <p>Nishan-i-Imtiaz (on August 14, 1996)</p> <p>Hilal-i-Imtiaz (on August 14, 1989)</p> <p>[for further details, consult Appendix-II]</p>
11.	Patents:	2 (Appendix-III)
12.	Fellowships/Memberships of National and International Scientific Organisations:	List attached as Appendix-IV
13.	Expert Assignments in Foreign Countries:	Holland, Belgium
14.	Invited Speaker/Key Speaker/ Session Chairman/Leader of Discussions at International Science Conferences/ Director Schools/Colleges/Workshops	About a dozen
15.	Editor/Co-Editor:	<p>Topics in Physical Metallurgy (1972) Elsevier Publishing Co. Amsterdam.</p> <p>Proceedings of First International Symposium on Advanced Materials, 18-20 Sept., 1989, Islamabad, Pakistan.</p> <p>Proceedings of Second International Symposium on Advanced Materials, 15-19 Sept., 1991, Islamabad, Pakistan.</p>

Proceedings of Third International Symposium on Advanced Materials, 20-24 Sept., 1993, Islamabad,

Proceedings of Fourth International Symposium on Advanced Materials, 17-21 Sept., 1995, Islamabad, Pakistan.

Proceedings of First International Conference on Phase Transformations, 1-3 Sept., 1996, Islamabad, Pakistan.

Proceedings of National Conference on Vibrations in Rotating Machinery (NCVRM-96), 7-9 Sept., 1996, Islamabad, Pakistan.

Proceedings of Fifth International Symposium on Advanced Materials, 21-25 Sept., 1997, Islamabad, Pakistan.

Proceedings of Sixth International Symposium on Advanced Materials, 19-23 Sept., 1999, Islamabad, Pakistan.

Proceedings of Seventh International Symposium on Advanced Materials, 17-21 Sept., 2001, Islamabad, Pakistan.

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|-----|---|---|
| 16. | Responsibilities with various National and International organisations: | See Appendix – V |
| 17. | Support for various Educational and Research Institutes: | See Appendix – VI |
| 18. | Support for the construction/improvement of Mosques/Tombs/Community welfare: | See Appendix – VII |
| 19. | Educational/Research institutes dedicated in Dr. A. Q. Khan's name | See Appendix – VIII |
| 20. | Buildings/Placed in Dr. A. Q. Khan's name | See Appendix – IX |
| 21. | Scholarships/Gold Medals in educational institutions in Dr. A. Q. Khan's name | See Appendix – X |
| 22. | Scientific/Technical Educational contributions: | More than 190 Research Papers, list attached as Appendix-XI |
| 23. | Lectures delivered at International/National Science Conferences: | More than 100 |
| 24. | Research Activities: | Keen research interest in Physical Metallurgy, especially structure-properties relationship in high strength alloys, Enrichment technologies, especially enrichment of uranium by ultracentrifuge method. |

**BRIEF LIFE SKETCH
OF
DR. A. Q. KHAN, NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ**

As arrow of time moves, the Will of God prevails and is focused on the emergence of humans endowed with exceptional intellectual capabilities and creative abilities. Such are the men who, by their good deeds, fulfill the edict of God, as revealed in the Holy Qurran:

"I have created man in the best of forms."

(Al Qurran; Surah 95; Ayah 04)

By their deeds and actions such persons, though not prophets, demonstrate that they are an extension of the will of the transcendental. These are the people, who are destined to make history in the elevation of nations. Such is the personality of Dr. Abdul Quadeer Khan, who was born in Bhopal on April 1, 1936, which corresponds to the Hijri era 1355, Thursday 15th Rajab. As the time has unfolded itself, the Godly qualities enshrined in the words "Quadeer" and "Ghafoor", symbolized in the names of Dr. Abdul Quadeer Khan and his father, Mr. Abdul Ghafoor Khan, have raised the Pakistani nation to new heights in high technology.

After receiving his early education in Bhopal, Dr. Abdul Quadeer Khan obtained the degree of Bachelor of Science in 1960 from the University of Karachi. This was the beginning of the unfolding of his intellectual power. Subsequently, he studied in Berlin, West Germany and achieved high competence through attending several courses in metallurgical engineering. He obtained the degree of Master of Science (Technology) in 1967 from Delft Technological University, Holland, and Doctor of Engineering Degree in 1972 from the University of Leuven, Belgium. The restless soul of Dr. Abdul Quadeer Khan took him to several laboratories in Europe including Uranium Enrichment Plant in Holland. It was the essence of his being sharpened by high scholastic achievements in metallurgical and nuclear science that his will and essence at all times remained directed towards the welfare of Pakistan. In 1976, he joined the Engineering Research Laboratories (ERL) in Pakistan and set up an uranium enrichment industrial plant. As a tribute to his services for the security of Pakistan on May 1, 1981, the then President of Pakistan, General Mohammed Zia-ul-Haq renamed the Engineering Research Laboratories, Kahuta, as, Dr. Abdul Quadeer Khan Research Laboratories (KRL). These laboratories were equipped from nothing to something focusing on enrichment of Uranium for peaceful application of nuclear technology. Over the years, the laboratories became a focal point for a large number of scientists, engineers and technologists which Dr. Abdul Quadeer Khan gathered around himself and guided them to the tasks which have led to unparallel advances in science and technology. This was done under very challenging and difficult circumstances. It was only his courage, devotion, determination and persistence, which earned success for him, his colleagues and indeed for the nation.

The scientific contributions of Dr. Khan have been recognized in several ways. As an active scientist and technologist, he has published 190 scientific research papers in international journals of high repute. He has been editor of a large number of books on metallurgy, advanced materials and phase transformation. His academic and scholastic activities have attracted the attention of number of western countries where he has delivered more than 100 lectures. His work on Industrial Uranium Enrichment Plant for peaceful application of nuclear technology has resulted in a breakthrough in the field of metallurgy & materials science.

It is entirely due to his efforts that the process of enrichment of Uranium was successfully completed in Pakistan. This breakthrough ultimately resulted in the historic explosion of six nuclear bombs on May 28 and May 30, 1998. Not only this but a significant development was also made with the successful test firing of Intermediate Range Ballistic Missiles, Ghauri I, on April 6, 1998 and Ghauri II on April 14, 1999.

There are numerous contributions of Dr. Khan, which have strengthened the defence capability of Pakistan. Those, among others, include: manufacturing of sophisticated equipment like Surface-to-Air shoulder-fired anti-aircraft ANZA (MK-I & MK-II) and Baktar Shikan anti tank guided missiles for the Armed Forces.

Dr. Khan has received honorary degrees of Doctor of Science from the University of Karachi in 1993, Doctor of Science from Baqai Medical University on December 11, 1998, Doctor of Science from Hamdard University, Karachi, in March 6, 1999, Doctor of Science from Gomal University, Dera Ismail Khan, N.W.F.P. on April 16, 1999, Doctor of Science from the University of Engineering & Technology, Lahore on December 9, 2000 and Doctor of Science from the Sir Syed University of Engineering & Technology, Karachi on March 25, 2001. Apart from his eminent contribution in the field of Science and Technology, Dr. Khan is an avid supporter of Science and Technology education in Pakistan. As the Project Director of GIK Institute of Science and Technology, he has invested his energies in developing the Institute into an exemplary high technology institution. For his important and eminent contributions in the field of science and technology, the President, Islamic Republic of Pakistan conferred upon Dr. Khan the award of Nishan-i-Imtiaz on 14 August, 1996 and 14 August, 1998. He is also a recipient of Hilal-i-Imtiaz. Dr. Khan is the only Pakistani to have received the highest civil award of "Nishan-i-Imtiaz" twice.

The list of his contribution and achievement is far too long to be mentioned in this short citation. He is a person imbued with the spirit of serving the cause of Pakistan and Muslim Ummah through his able researches, high acumen, intellectual robustness and unwavering devotion. So numerous are his activities that every segment of society has praised him in different forms. He has been awarded 63 gold medals by various national institutions and organizations. He was also presented with 3 gold crowns. Dr. Khan is a Fellow of Kazakh National Academy of Sciences, the first Asian scientist with this honour, Elected Fellow of the Islamic Academy of Sciences and Honorary Member of the Korean Academy of Science & Technology. He has also been elected as the Chairman of the Islamic Development Bank's Advisory Panel on Science and Technology in the Panel's first ever meeting, held at the IDB's headquarters in Jeddah, Saudi Arabia, on October 17, 2000. Being a Fellow of Pakistan Academy of Sciences, he was elected unopposed the President of the Academy's in 1997—the position that he still occupies. Besides, he is a member of a large number of national and international professional organizations, which include Pakistan Institute of Metallurgical Engineers; Pakistan Institute of Engineers; and Institute of Central and West Asian Studies. He is a Member of the Institute of Materials, London; American Society of Metal (ASM); The Metallurgical Society of the American Institute of Metallurgical Mining and Petroleum Engineers (TMS); Canadian Institute of Metals (CIM) and Japan Institute of Metals (JIM).

As an ardent supporter of higher education, he sits on the Boards of Governors and Syndicates of numerous universities and institutes. He is a Member of the Executive Committee GIK Institute of Engineering and Technology, Topi; Member, Board of Governors, Hamdard University; Member, Board of Governors, Sir Syed University of Engineering and Technology; Member Syndicate, Quaid-i-Azam University, Islamabad; and Member, Board of Governors, International Islamic University, Islamabad, among others.

He has contributed immensely to the establishment of educational and research institutes in Pakistan. These include several colleges, schools, Institutes and academies. So wide are the applications of his activities that his contributions extend to the construction of 12 mosques, 1 tomb, a number of dispensaries and community health centers.

It is rare that a person in single lifetime accomplishes so much. This is done only by men who are endowed with special abilities by God and who prepare themselves through hard work and devotion to fulfill the mission of serving mankind.

ہزاروں سال زخمس اپنی بے نوری پہ روتی ہے
بڑی مشکل سے ہوتا ہے جس میں دیدہ و پیرا

MEDALS & AWARDS

A: Pakistan Civil Awards

1. Conferred Hilal-i-Imtiaz by the Government of Pakistan on 14-8-1989 and decorated by the President of Pakistan on 23-3-1990
2. Conferred Nishan-i-Imtiaz by the Government of Pakistan on 14-8-1996 and decorated by the President of Pakistan on 25-3-1997
3. Conferred Nishan-i-Imtiaz by the Government of Pakistan on 14-8-1998 for the second time, thus making Dr. Khan the only Pakistani to have been decorated with the highest civil award twice. The Award was decorated by the President of Pakistan on 23-3-1999

B: Gold Medals/Crown

1. Awarded Gold Medal by the citizens of Kahuta in March 1984.
2. Awarded Justice Hamood-Ur-Rehman Gold Medal for the year 1984.
3. Awarded medal of honour (Gold) by the Federation of Pakistan Chambers of Commerce & Industry, Karachi in Nov. 1985.
4. Awarded Gold Medal by the Lions Club, Mandi Bahauddin, Gujrat in December 1985.
5. Awarded Diamond Jubilee Gold Medal by Pakistan Engineering Congress, Lahore in November, 1987.
6. Awarded Gold Medal by Pakistan Institute of Metallurgical Engineers, Lahore, for the year 1988.
7. Awarded Gold Medal by Pakistan Institute of Metallurgical Engineers, Lahore, for the year 1989.
8. Awarded The Open, Engineering & Technology Gold Medal of the Pakistan Academy of Sciences for 1989, by the Pakistan Academy of Sciences.
9. Awarded Gold Medal by Markazi Anjeman-e-Shehriyan Rawalpindi (Citizens of Rawalpindi) on June 1, 1990.
10. Awarded Gold Medal (Man of the Nation Award 1990) by Pakistan Institute of National Affairs, Lahore on September 9, 1990.
11. Awarded Abbasi Shaheed Gold Medal at Abbasi Shaheed Memorial Hospital, Nazimabad, Karachi on January 02, 1991.
12. Awarded Gold Medal by the Abbottabad District Bar Association on June 21, 1997.
13. Gold Medal Award from the IIm-o-Sanat Trust on October 18, 1997.

14. Awarded "Al-Basel Gold Medal" from Ministry of Higher Education, Syrian Arab Republic, November 3, 1997.
15. Awarded Pakistan Engineering Congress Gold Medal by the President of Pakistan Mr. Rafiq Tarrar in Lahore, on May 12, 1998.
16. Awarded Gold Medal from Old Students Association of Karachi University (OSAKU), by Lt. Gen (Retd) Moin uddin Haider, Governor of Sindh, in Karachi on July 29, 1998.
17. Awarded Gold Medal by Messrs Alcop Ltd, at a function organised by OSAKU, in Karachi on July 29, 1998.
18. Awarded Gold Medal by Karachi Gymkhana at a function organised by OSAKU, in Karachi on July 29, 1998.
19. Awarded Gold Medal by Mr. Manzoor Roofi at a function of Majlis-e-Mussanefeen in Karachi on August 18,1998.
20. Awarded Gold Medal by Mr. S. M. Muneer at a function of Majlis-e-Mussanefeen in Karachi on August 18,1998.
21. Awarded Gold Medal by Sheikh Mohammad Sadiq at a function of Majlis-e-Mussanefeen in Karachi on August 18,1998.
22. Awarded Gold Medal by Mr. Pervaiz Akhtar at a function of Majlis-e-Mussanefeen in Karachi on August 18,1998.
23. Awarded Gold Medal by the President of Pakistan, Mr. Mohammad Rafiq Tarar at a function of Pakistan Academy of Sciences in Islamabad on December 8,1998.
24. Presented Gold Crown by the President of Pakistan Mr. Mohammad Rafiq Tarar in a reception hosted by Pakistan Polytechnic Institute on December 30, 1998, Lahore.
25. Gold Medal by the Governor of Sind, Lt Gen. (Retd) Moin-uddin Haider, at a reception/dinner hosted by the Dewan Mushtaq Group on December 31, 1998, Karachi.
26. Gold Medal by Pakistan Intellectuals Forum, at a reception on February 16, 1998, in Islamabad.
27. Gold Medal by Pakistan Heating, Ventilation, Air-Conditioning & Refrigeration (HVACR) Society on March 3, 1999, in Islamabad.
28. Pakistan Silk & Rayon Mills Association Gold Medal, presented by the President of Pakistan Mr. Mohammad Rafiq Tarar at a reception on March 7, 1998, in Karachi.
29. All Pakistan Textile Mills Association (APTMA) Gold Medal presented by President of Pakistan Mr. Mohammad Rafiq Tarar on March 13, 1999.
30. Gold Medal awarded for the "Vacuumist of the Century" by the Pakistan Vacuum Society, on May 5, 2000.

31. Gold Medal by the Vice Chancellor, Fatima Jinnah Women University, Rawalpindi in connection with the celebration of Yaum-e-Takbeer, on May 22, 1999.
32. Gold Medal by Mr. Shahid Rasheed Butt, Chairman, Islamabad Chamber of Commerce & Industry (ICCI), Founder Group, on May 23, 1999.
33. Gold medal by Mr. Dost Muhammad Khan in connection with the celebration of Yaum-e-Takbeer in Islamabad, on May 31, 1999.
34. Gold medal by Model Town Citizen Forum, Islamabad in connection with the celebration of Yaum-e-Takbeer in Islamabad, on June 2, 1999.
35. Gold Crown by the President of Markazi New Sarafa Bazar Union, Rawalpindi, on July 11, 1999.
36. Gold Medal by Markazi Sarafa Union, Rawalpindi, on July 11, 1999.
37. Gold Medal awarded at the 3rd International Seminar on Engineering and Metallurgy (SEMM 200), held at Karachi on November 13, 2000.
38. Gold Medal awarded by Mr. S. M. Farooq, Chief Executive M/s Arshad Amjad & Abid (Pvt) Ltd., Karachi, on May 26, 2001
39. Gold Medal awarded by Mrs. Surriya Farooq, Director, M/s Arshad Amjad & Abid (Pvt) Ltd., Karachi, on May 26, 2001
40. Gold Medal awarded by Mr. S. M. Muneer, Chairman, Din Group of Industries, Karachi, on May 26, 2001
41. Gold Medal awarded by Mr. Dewan Yousuf Farooque, Group Managing Director, Dewan Farooque Motors Ltd, Karachi, on May 26, 2001
42. Gold Medal awarded by Chiniot Anjuman Islamia, Cavish Court, Karachi, on May 26, 2001
43. Gold Medal awarded by Mr. Yasin Malik, Chairman, Hilton Pharma (Pvt) Ltd., Karachi, on May 26, 2001
44. Gold Medal awarded by Mr. Khalil Ahmed Nanitalwala, Chairman, M/sTouch Me House, Karachi, on May 26, 2001
45. Gold Medal awarded by Mr. S. H. A. Naqvi, Chairman, Mash (Pvt.) Ltd., Karachi, on May 26, 2001
46. Gold Crown awarded by Sartaj Welfare Trust, Gujranwala on June 2, 2001.
47. Gold Medal awarded by the Rawalpindi Press Club on July 8, 2001.
48. Gold Medal awarded by Pakistan Institute of Materials Engineers, Lahore, on July 21, 2001.
49. Gold Medal awarded by Haji Abdullah Haroon Muslim Gymkhana, Karachi, on October 13, 2001.
50. Gold Medal awarded by Islamia College, Peshawar, on May 30, 2002.

51. Gold Medal awarded by the Pakistan Society Social Club, Muscat, Oman, on August 23, 2002.
52. Gold Medal awarded by the D. J. College Alumini Foundation, Karachi, on September 13, 2002.
53. Gold Medal by Majlis Farogh-e-Urdu Adab, Doha-Qatar, 24th October, 2002.
54. Gold Medal by Pakistan Engineers Forums-Qatar, Doha-Qatar, 25th October, 2002.
55. Gold Medal by Engr. Muhammad Anwar Qamar, Al-Madinah Al Munawwarah, Kingdom of Saudi Arabia, 27th October, 2002.
56. Gold Medal awarded by Institute of Cost and Management Accountants of Pakistan (ICMAP), Karachi, 2nd November, 2002.
57. Gold Medal by the Pakistan Academy of Sciences, Islamabad, on the Celebration Day of its Golden Jubilee, 14 December 2002.
58. Gold Medal by the Pakistan Academy of Medical Sciences, Lahore, 08 January 2003.
59. Gold Medal by Orient Advertising (Pvt.) Limited, Karachi, 28 March 2003.
60. Gold Medal by Defence Residents Society, Karachi, 28 March 2003.
61. Cosmo Gold Medallion by Rotary Club of Islamabad Cosmopolitan, Islamabad, 14 June 2003.
62. Gold Medal by Kiryana Merchant Association of Jodia Bazar, Karachi, 18 August, 2003
63. Gold Medal by the University of Central Punjab, Lahore, 23 September, 2003

LIST OF PATENTS

1. A Method of Synthesize Surface Pores in Metals and Metal Matrix Composites using Energy Beams, U.K. Patents No. GB 2275437, Nov. 1995.
2. Energy Beams Synthesize Metal-Carbide Composite Surfaces on Mild Steel Substrates, U.K. Patents No. GB 2285633, 1997.

FELLOWSHIPS & MEMBERSHIPS

FELLOWSHIP

1. Pakistan Academy of Sciences.
2. Kazakh National Academy of Sciences
3. Pakistan Institute of Metallurgical Engineers.
4. Pakistan Institute of Engineers.
5. Institute of Central and West Asian Studies.

MEMBERSHIP

1. Chartered Engineer; Member, The Institute of Materials, London.
2. American Society of Metals (ASM).
3. The Metallurgical Society of the American Institute of Met., Min. and Petr. Engineers (TMS).
4. Canadian Institute of Metals (CIM).
5. Japan Institute of Metals (JIM).

**DR. A. Q. KHAN (NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ)
ON BOARDS OF DIRECTORS/TRUSTEES AND SYNDICATE
OF ACADEMIC AND SCIENTIFIC INSTITUTIONS/ORGANIZATIONS**

1.	Former Chairman	Dr. A. Q. Khan Research Laboratories Kahuta
2.	Chairman	IDB* - IIU** Islamic Educational Wakaf, Pakistan
3.	Chairman	Governing Body, Institute of Behavioural Sciences, Karachi
4.	Chairman	Board of Trustees, Pakistan Institute of Science, Technology and Economics, Karachi
5.	Chairman	Executive Committee, Dawood College of Engineering and Technology, Karachi
6.	Chairman (Lifetime)	Dr. A. Q. Khan Institute of High technology Trust, Karachi
7.	President (Lifetime)	Society for the Promotion of Technical Education, Rawalpindi.
8.	President (Lifetime)	Board of Directors, Dr. A. Q. Khan Institute of Technology, Mianwali
9.	President (Lifetime)	Board of Directors, Dr. A. Q. Khan Girls College for Computer Science, Rawalpindi
10.	President	Governing Council, Dr. A. Q. Khan Institute of Biotechnology & Genetic Engineering, Karachi University, Karachi
11.	President	Society for the Advancement of Community Health, Education and Training, (SACHET) Pakistan, Islamabad
12.	Project Director	GIK Institute of Engineering Sciences and Technology, Topi, NWFP
13.	Patron-in-Chief	Dr. A. Q. Khan Institute of Technology & Management, Islamabad
14.	Patron-in-Chief	Sir Syed Deaf Association, Islamabad.
15.	Patron	Institute of Management and Computer Sciences, P.E.C.H. Society, Karachi.
16.	Patron	Al-Shifa Eye Hospital, Rawalpindi
17.	Patron	'Sukhi Ghar' Family Health Hospital, Islamabad
18.	Fellow	Pakistan Academy of Sciences
19.	Fellow	Kazakh Academy of Sciences
20.	Fellow	Islamic Academy of Sciences
21.	Founding Member	Foundation for the Advancement of Engineering Sciences and Advanced Technologies, Islamabad
22.	Founding Member	Society for the Advancement of Engineering Sciences and Technology in Pakistan (SOPREST), Islamabad
23.	Member	IDB's Advisory Panel on Science & Technology
24.	Member	Executive Committee, GIK Institute of Engineering Sciences and Technology, Topi, NWFP
25.	Member	Board of Governors, Hamdard University, Karachi

* Islamic Development Bank

** International Islamic University

26. Member Board of Governors, Sir Syed University of Engineering and Technology, Karachi
27. Member Syndicate, Quaid-i-Azam University, Islamabad
28. Member Board of Governors, Institute of Materials Sciences and Research, Pakistan Steel, Karachi
29. Member Board of Governors, Engineering & Management Foundation, Lahore.
30. Member Board of Governors, International Islamic University, Islamabad.
31. Member Board of Governors, Institute of Management and Leadership, Lahore
32. Member Managing Body, Pakistan Red Crescent Society.
32. Member Board of Governors, COMSATS Institute of Information Technology (CIIT), Islamabad.
33. Member Institute of Textile Technology & Management (ITTM), Karachi.
34. Member Syndicate, University of Balochistan, Quetta.
35. Member Senate, University of Balochistan, Quetta.
36. Member Board of Governors, Dawood College of Engineering and Technology, Karachi.
37. Honorary Member Korean Academy of Science & Technology

**DR. A. Q. KHAN'S (NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ)
SUBSTANTIAL SUPPORT FOR THE ESTABLISHMENT
OF EDUCATIONAL AND RESEARCH INSTITUTES**

1. GIK Institute, Topi, NWFP.
2. Pakistan Academy of Sciences, Islamabad.
3. Dr. A. Q. Khan Institute of Bio Technology & Genetic Engineering, Karachi University, Karachi.
4. Institute of Behavioural Science, Karachi.
5. Pakistan Institute of Science, Technology and Economics, Karachi.
6. Kahuta Institute of Technology, Kahuta.
7. Dr. A. Q. Khan Institute of Technology, Mianwali.
8. KRL Model College, Kahuta.
9. Kahuta Boys Degree College, Kahuta.
10. Govt. Girls Degree College, Kahuta.
11. Govt. Boys Primary School, Nathot (Kahuta).
12. Govt. Boys Middle School, Nathot (Kahuta).
13. Govt. Girls Primary School, Chhani Awan (Kahuta).
14. Govt. Boys High School, Kahuta.
15. Cadet College, Kallar Kahar, Punjab.
16. Pearl Valley Public School, Rawalakot, AJ&K.
17. Islamabad Foreign Women Association (IFWA) Middle School, Nurpur Shahaan, Islamabad.
18. Computer Training Centre, Islamabad Foreign Women Association (IFWA) Community Centre, Islamabad
19. Quaid-e-Azam University, Islamabad.
20. Gomal University, D. I. Khan.
21. Dr. A. Q. Khan Girls College for Computer Science, Rawalpindi.
22. Dr. A. Q. Khan Ophthalmic Research Center, Al-Shifa Trust Eye Hospital, Rawalpindi.
23. Zulaikha-Quadeer Science Block, Fatima Jinnah Women University, Rawalpindi.
24. Al-Markaz Al-Islami, H-8/4, Islamabad.

**DR. A. Q. KHAN'S (NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ)
SUBSTANTIAL FINANCIAL SUPPORT FOR THE
CONSTRUCTION/IMPROVEMENT OF:**

MOSQUES

1. Mosques near the Tomb of Sultan Shahabuddin Mohammad Ghauri, Sohawa.
2. Mosque at Piniali.
3. Mosque at Lehtrar.
4. Mosque near Government Degree college, Kahuta (Nai Abadi).
5. Mosque at Humak.
6. Mosque Sector E-7, Islamabad.
7. Mosque Sector F-8/2, Islamabad.
8. Mosque Sector F-6/3, Islamabad.
9. Mosque Super Market, F-6, Islamabad.
10. Mosque at Bani Gala, Islamabad.
11. Madina Masjid (KRL Pindi Office).
12. Mosque at National Institute of Science and Technical Education (NISTE), H-8, Islamabad.

TOMBS

1. Tomb Sultan Shahabuddin Mohammad Ghauri, Sohawa.

GAS/WATER SUPPLY SCHEMES

1. Water Supply at Sumbalgah.
2. Sui Gas Supply at Sumbalgah.
3. Sui Gas Kahuta

DISPENSARIES / COMMUNITY HEALTH PROJECTS ETC.

1. Establishment of Project Office of the SACHET (Society for the Advancement of Community Health, Education and Training) Pakistan, Islamabad.
2. SACHET Clinic, a Basic Health Unit (BHU), Shahdara, Islamabad.
3. SACHET Clinic, Paniali, Islamabad
4. SACHET Clinic, Japan Road, Sihala, Islamabad
5. SACHET Clinic, Pathar Garh, Hasanabdal

NGOS, COMMUNITY WELFARE PROJECTS ETC.

1. Headquarters of the Business & Professional Women's Organisation, Rawalpindi-Islamabad
2. Headquarters of the Sir Syed Memorial Society, Islamabad
3. Sukhi Ghar Family Health Hospital — a project of the Family Planning Association of Pakistan
4. Sahil, Islamabad
5. Hawa Associates, Islamabad
6. Pakistan Red Crescent Society, Islamabad

**LIST OF EDUCATIONAL/RESEARCH INSTITUTES DEDICATED TO
DR. A. Q. KHAN (NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ)**

<u>Name of the Institute</u>	<u>Date of Establishment</u>
1. Dr. A. Q. Khan Research Laboratories, Kahuta (KRL)	Established in 1976 as Engineering Research Laboratories and renamed as Dr. A. Q. Khan Research Laboratories by the then President of Pakistan, Gen. Muhammad Zia-ul-Haq in 1981.
2. Dr. A. Q. Khan Institute of Technology (KIT), Mianwali	Foundation stone laid on December 14, 1998.
3. Dr. A. Q. Khan Ophthalmic Research Center, Al-Shifa Trust Eye Hospital, Rawalpindi	Inaugurated by the President of Pakistan, Mr. Muhammad Rafiq Tarar, on March 4, 1999.
4. Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering, Karachi University, Karachi	Foundation stone laid by the President of Pakistan, Mr. Muhammad Rafiq Tarar, on March 6, 1999.
5. Zuleikha – Quadeer Science Block, Fatima Jinnah Women University, Rawalpindi	Named after Dr. A. Q. Khan and his mother
6. Dr. A. Q. Khan Girls College for Computer Science, Rawalpindi	Foundation Stone laid by the Federal Minister for Labour & Overseas Pakistanis, Sheikh Rasheed Ahmad and Dr. A. Q. Khan on July 11, 1999
7. Dr. A. Q. Khan College for Science & Technology, Rawalpindi	Foundation Stone laid by Dr. A. Q. Khan at Sifari Villas, Rawalpindi, on July 28, 1999
8. Dr. A. Q. Khan Academy of Science, Gulberg, Faisalabad	
9. Dr. A. Q. Khan Hall & Gymnasium, Pearl Valley Public School, Rawalakot, Azad Jammu & Kashmir	Inaugurated by Dr. A. Q. Khan on June 26, 2000
10. Dr. A. Q. Khan Block, Al-Markaz Al-Islami, H-8/4, Islamabad	Foundation Stone laid by Dr. A. Q. Khan on October 15, 2000
11. Dr. A. Q. Khan Center for Software Engineering, Islamabad	A project of COMSATS Institute of Technology, Islamabad (under construction)
12. Dr. A. Q. Khan Institute of Computer Sciences & Information Technology, Kahuta	Inaugurated in January 2001

13. Dr. Abdul Qadeer Khan Institute for Developing Engineering Technologies, Lahore
A project of Institute of Leadership and Management, Lahore (under construction)
14. Dr. A. Q. Khan Institute of Technology & Management, Islamabad
Inaugurated on August 14, 2001
15. Dr. A. Q. Khan Block, D.J. Sindh Government Science College, Karachi
Inaugurated by Dr. A. Q. Khan on April 23, 2002

**LIST OF BUILDINGS/PLACES DEDICATED TO
DR. A. Q. KHAN (NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ)**

<u>Name of the Institute</u>	<u>Date of Establishment</u>
1. Dr. A. Q. Khan Auditorium	Pakistan Academy of Sciences, Islamabad
2. Dr. A. Q. Khan Hall/Gymnasium	Pearl Valley Public School, Rawlakot, Azad Jammu & Kashmir.
3. Al-Qaudeer Civic Center	Commercial Area of Sector F-10 (F-10 Markaz), Islamabad named after the successful nuclear explosions on 1998.
4. Dr. A. Q. Khan Auditorium	The Sir Syed Memorial Society, Islamabad, Inaugurated on January 13, 2001

**SCHOLARSHIPS/GOLD MEDALS IN EDUCATIONAL INSTITUTIONS
IN THE NAME OF DR. A. Q. KHAN (NISHAN-I-IMTIAZ & BAR, HILAL-I-IMTIAZ)**

<u>Scholarships/Gold Medals</u>	<u>Name of the Institute</u>
1. Dr. Abdul Quadeer Khan Scholarship in Physics	Quaid-I-Azam University, Islamabad
2. Dr. Abdul Quadeer Khan Gold Medal for best student	University of Engineering & Technology, Taxila
3. Dr. Abdul Quadeer Khan Gold Medal for the best all-round performance in all the faculties	Ghulam Ishaq Khan Institute of Engineering Sciences & Technology, Topi, N.W.F.P.
4. Dr. Abdul Quadeer Khan Gold Medal	Sir Syed University, Karachi
5. Dr. Abdul Quadeer Khan Scholarship	Sir Syed University, Karachi
6. Orient Dr. Abdul Quadeer Khan Gold Medal in Physics	All Universities of Pakistan (sponsored by Orient Advertising (Pvt) Ltd.)
7. Dr. A. Q. Khan Gold Medal for the best students in Physics, Chemistry and Mathematics	Quaid-I-Azam University (sponsored by Islamabad Chamber of Commerce & Industries)
8. Dr. Abdul Quadeer Khan Gold Medal	GIK Institute of Engineering Sciences & Technology, Topi, N.W.F.P. (sponsored by Chiniot Anjuman Islamia)
9. Dr. Abdul Quadeer Khan Scholarship	Sir Syed University of Engineering & Technology, Karachi
10. Dr. Abdul Quadeer Khan Gold Medal	Sir Syed University of Engineering & Technology, Karachi
11. Dr. A. Q. Khan Talent Award	Parents Teachers Association, Islamabad Model College for Boys, F-8/4, Islamabad.
12. Dr. A. Q. Khan Gold Medal	Information Technology Institute, College of Advanced Technologies, Defence, Lahore.
13. Dr. A. Q. Khan Scholarship	Pakistan Foreign Office Women's Association, Ministry of Foreign Affairs, Islamabad.

SCIENTIFIC/TECHNICAL/EDUCATIONAL CONTRIBUTIONS:

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