

PERSONAL BIO DATA

NAME : DR. IQBAL TARIQ

DATE AND PLACE OF BIRTH : OCTOBER 02 ,1971 , KARACHI , PAKISTAN .

NATIONALITY : PAKISTANI

RELIGION : ISLAM.

MARITAL SATUS : MARRIED .

PRESENT ADDRESS : C-23 , N.E.D University staff colony, Abul Hassan Esphani road , Karachi Pakistan .

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PRESENT WORKING PLACE : Department of Physics, N.E.D University of Engineering & Technology, Karachi, Pakistan .

QUALIFICATIONS, TRAININGS AND EXPERIENCES

1. High school Matriculation , in First division, from Govt Happy dale boys secondary school , Karachi , Pakistan; 1985 .
- 2 . Higher Secondary certificate (science), in First division, from Govt Dehli Inter Science College, Karachi , Pakistan; 1987.
3. Bachelor of Science (Hons), Physics , in First division , from University of Karachi, Pakistan; 1993.
4. Master of science , in Physics , in First division , from Karachi university Pakistan ; 1994.
5. Post Masters Medical physics course : Pakistan Atomic Energy Commission ; 1995 .
The course was consists of institutional sections at :
 - **C.N.S (Center for Nuclear studies , Islamabad , Pakistan) .**
 - **PINSTECH . (Pakistan Institute of Nuclear Technology Islamabad) .**
 - **N.O.R.I (Nuclear Medicine and Oncology Institute , Islamabad , Pakistan) .**which were qualified separately .
6. Six weeks on job training on treatment planning systems, at Patients Comprehensive Diagnostic and Cancer Center. Dallas, USA. & Working as Medical Physicist in Gulf Coast Diagnostic and Cancer Center Houston TX.
7. Acceptance tests and data generation (Tables of PDD ,TMR etc for open and wedged fields) of Siemens Mevatron Primus.
8. Participation in treatment room designing calculations for Siemens Mevatron Primus Teletherapy unit.

QUALIFICATIONS AND WORK EXPERIENCES

1. As Medical Physicist and In charge of the department of radiation therapy, Baqai Institute of Oncology, Nazimabad , Karachi, Pakistan .
Sept 1995 - April 2000.
2. Lecturer of under Graduate Medical Technology course , Baqai Medical University.
April 1997 - Dec 2000 .
3. As Senior Medical Physicist , Ziauddin Cancer Hospital and University Nazimabad , Karachi , Pakistan.
April ,2000 - Dec ,2004 .
4. Lecturer of B.Sc Medical Technology course of Ziauddin Medical University Nazimabad Karachi , Pakistan.
2000 to 2004 .
5. Working experience as Medical physicist in Gulf Coast Diagnostic and Cancer Center Houston TX 77089 .
2005 to 2006.
6. Lecturer of Physics in the department of Mathematics & Basic Sciences ,N.E.D University of Engineering & Technology ,Karachi, Pakistan.
April,2006 to July, 2011.
7. Pursued Ph.D studies at University Sains Malaysia (July, 2011 to Jan,2016),in Radiation/Medical Physics. Getting Degree of Ph.D in April ,2016.
8. Working as Lecturer then Assistant professor in the department of Physics N.E.D University .
Since February, 2016

PhD RESEARCH TITLE:

“Fabrication of a reusable plastic based X –Ray dosimeter for radiotherapy”.

Area of Specialty:

Medical Physics and medical radiation dosimetry.

PUBLICATIONS:

- 1): **Iqbal Tariq**¹, Kashif Ahmed².
Qualitative estimation of Perspex dust sizes by simple dissolution in Chloroform.
Science international , June 2016 , Vol 28, issue 03
- 2): Kashif Ahmed¹, **Iqbal tariq** ², Solat Ullah Siddiqui ¹, Muhammad Mudassir ¹,
Green synthesis of cobalt Nano particles by using plant leaf extract as reducing agent .
Pure an applied biology, sep,2016 .Vol 05, issue 03.