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Diploma in Radiological Physics-2010-2011
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I am currently working as Assistant Professor Medical Physics, Dept. of Medical Physics, NCI, Jhajjar

ACADEMIC DETAILS

Year	Degree	Institute	Board/University
2016	PhD	AIIMS	AIIMS
2011	Diploma in Radiological Physics(DRP)	Bhabha Atomic Research Centre	Homi Bhabha National Institute
2010	MSc (Physics)	Banaras Hindu University(Varanasi)	Banaras Hindu University
2008	BSc Physics (H)	Jogesh Chandra Chaudhari College	Calcutta University

Experience

May 18, 2011 – July 1, 2011: Trainee as medical physicist in Advanced medical Research Institute, Kolkata, Gariahat road ,Kolkata-700029

Job Experience: Total- 12Years

- 1) Worked at Advanced Medicare and Research Institute as Medical Physicist, Radiotherapy since September 2011 to January 2012
- 2) Worked at AIIMS Senior Demonstrator, Medical physics, Radiotherapy, New Delhi from February 2012 to July 2015.
- 3) Worked at VMMCH, Safdarjung as Medical Physicist, Radiotherapy, New Delhi from September 2015 to November 2015.
- 4) Worked at ACDTRC, Medical Physics, Radiotherapy, Bhatinda from December 2015 to June 2016
- 5) Worked as Chief Medical Physicist, Dept of Radiotherapy at Apex Hospital Varanasi from September 2016 to September 2017

- 6) Worked as Assistant Professor Medical Physics, Dept. of Radiation Oncology, DrRMLIMS, Lucknow from Sept 2017 to June 2021.
- 7) Worked as Associate Professor Medical Physics, Dept. of Radiation Oncology, DrRMLIMS, Lucknow from July 2021 to June 2023.
- 8) Working as Assistant Professor Medical Physics, Dept. of Medical Physics, NCI-AIIMS Delhi since June 2023.

Research Experience:

- 1) Applications of Dual Energy Computed Tomography for Characterization of Materials.
- 2) TLD based dose measurements

SOFTWARES

- Treatment planning systems like **Eclipse, Pinnacle, Oncentra Brachy, Plato and Monaco**
- Operating system: Windows
- Languages: **Fortran 77 , MATLAB**

PROJECTS

Following are the project titles performed during **Diploma in Radiological Physics** course :

- Output measurement with chemical dosimeter
 - Biological dosimeter
 - Pocket Dosimeter
 - Optically Stimulated Luminescence Dosimeter
 - Thermo Luminescence Dosimeter
 - Calibration of Brachytherapy source
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