



JITENDRA DALAI

Medical Physicist

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📍 Paralakhemundi, Bhubaneswar(odisha), PIN-761016

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SKILLS

- Treatment Planning (3D CRT, VMAT/IMRT)
- Quality assurance
- Radiation Dosimetry
- In-vivo Dosimetry Calibration
- Medical Imaging (CT, PET CT, MRI)
- Portal Analysis
- Patient specific QA
- Brachytherapy

LANGUAGES

- English
- Hindi
- Odia

HOBBIES AND INTERESTS

- Making Portrait
- Playing Chess
- Listening Music
- Teaching And Reading

PROJECT WORKS

Dosimetric comparison of forward BCS and rapid plan for breast

SUMMARY

As a fresher Medical Physicist with recent clinical training in radiation oncology, I am eager to contribute to your team through my knowledge of treatment planning, radiation safety, and quality assurance. I am committed to supporting accurate, protocol-driven, and patient-safe radiotherapy practices. I look forward to applying my skills in a clinical environment while continuing to learn and contribute to high-quality patient care.

EXPERIENCE

Medical Physicist Intern at Tata Medical Centre Kolkata

Jul 2025 -July 2026

Fresher Medical Physicist with hand-on clinical training in radiation oncology, experienced one in 3D, VMAT/IMRT treatment planning for Breast Cancer, patient-specific quality assurance, Linear accelerator QA (Daily, Weekly, Monthly), Demonstrates strong Command of radiobiological modelling, including application of Linear Quadratic framework (BED/EQD2) for treatment evaluation. Recognized for precision, protocol-driven practice, and strong commitment to patient safety in high-volume clinical environments.

EDUCATION

M. Sc. In Medical Physics IIT Kharagpur colabration with Tata Medical Centre Kolkata, B. Sc. In Physics at SKCG Autonomous College, Gajapati, Odisha

2023-2026