

## **PRAISY EVANGELINE S**

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8508452722

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### **CAREER OBJECTIVE**

Seeking a position to utilize and enhance my skills and knowledge in the field of Medical Physics that enables me to grow professionally while being resourced with my technical innovation and flexible competent medical physicist with in-depth knowledge of principles, methods, and procedures for diagnosis and treatment planning, with the goal of adding value to an established hospital as its Medical Physicist.

### **PROFESSIONAL EXPERIENCE**

#### **TATA MEDICAL CENTER, KOLKATA**

**Medical Physics Internship : October 3, 2024 – October 2, 2025**

#### **Equipment's Handled :**

- Novalis Tx, Truebeam sTx, Hi- Art, Radixact X9
- Brachy Remote Afterloader, Varisource iX HDR

#### **Treatment Planning :**

- 3DCRT, VMAT, Rapdiarc (Eclipse V17.1)
- Tomo Helical (Precision V6.1)
- Gynaecology Brachytherapy

#### **Quality Assurance :**

- LINAC QA : Daily, weekly, Monthly, Annual (Slab phantom, RFA-PTWMP3)
- Patient Specific QA : ( Cheese Phantom, Octavius)
- Brachytherapy QA : Daily & Source Exchange QA
- Gamma Irradiator Chamber Co60 – Annual QA.

#### **Special Procedures:**

- Total Body Irradiation (TBI): Simulation , Treatment , TLD Calibration, Diode calibration & Dose verification.
- Total Skin Electron Therapy (TSET) : Simulation, Treatment , TLD calibration & Dose verification.
- SRS: Simulation, Planning, QA
- CT Siemens Healthcare, SOMATOM, Installation, Survey calculation.

## **ACADEMIC PROFILE**

**(2022–2024) M.Sc., (Medical Physics)**

Bharathidasan University, Tiruchirapalli, Tamilnadu.

**CGPA : A+**

**(2018–2021) B.Sc., (Physics )**

Bishop Heber College, Tiruchirapalli, Tamilnadu.

**CGPA : A+**

## **PROJECT**

Done Internship project on “**Determination of Beam Quality Correction Factors ( $k_{Q00}$ ) of cylindrical ion chambers of flattened and unflattened beams for photon and parallel plate chamber for electron beams**”, under the guidance of Mr. Samar Mandal, Senior Medical Physicist cum RSO, Tata Medical Center, Kolkata.

Done PG final year project on “ **Examining ion recombination correction factors and chamber characteristics for different chamber :implications for measurement accuracy**”, under the guidance of Mr. S. YUVARAJAN ,Senior Medical Physicist cum RSO, Healthcare Global Enterprises Hospital, Bangalore.

## **SUMMER TRAINING**

Completed 30 days summer training program at **CHRISTIAN MEDICAL COLLEGE, VELLORE** from 22.05.2023 to 22.06.2023

## **CERTIFICATE COURSES**

- Diploma in Computer Applications , Grade : First
- Completed certificate course on “Enhancing Soft skills and Personality development” by NPTEL
- Medical applications of particle accelerators (NPAP–MOOC)– Coursera
- Psychological First Aid –Coursera
- Introduction to the Internet of things and embedded systems – Coursera

## **CONFERENCE PARTICIPATION**

- **AMPICON** was held in AIIMS Delhi on 4–6, November 2022.
- International School of Radiation Research Held at Sri Ramachandra Institute of Medical and research center, Chennai ,on 23<sup>rd</sup> and 24<sup>th</sup> September 2023.
- Advanced Teaching course in Medical Physics ,held at **NERMPI, CIHSR** ,Dimapur ,Nagaland from January 31 to February 1, 2025 .

## **ACHIEVEMENTS**

- First Rank Holder of 2022–2024 Batch , Department of Medical Physics , Bharathidasan University, Trichirappalli.
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#### REFERENCES:

**Dr.Paul Ravindran,**  
Principal, NERMPI, CIHSR,  
Dimapur, Nagaland, India  
[bpaulravindran@gmail.com](mailto:bpaulravindran@gmail.com).

**Mr. Samar Mandal,**  
Sr. Medical Physicist cum RSO  
TATA Medical center,Kolkata.  
[samar.mandal@tmckolkata.com](mailto:samar.mandal@tmckolkata.com)

**Dr. Sriram Prasath**  
Senior Medical Physicist,  
TATA Medical center,Kolkata  
[sriram.prasath@tmckolkata.com](mailto:sriram.prasath@tmckolkata.com)

**Mr.S.Yuvarajan**  
Senior Medical physicist Cum RSO,  
HCG Hospital, Bangalore.

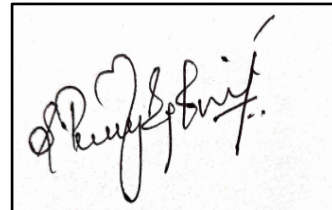
#### DECLARATION

I hereby declare that all the information given above is true and correct to the best of my knowledge.

PLACE: KOLKATA

DATE: 24-11-2025

Your's faithfully,



(PRAISY EVANGELINE S)