

Advanced Teaching Course in Medical Physics

Enhancing Medical Physics Education in Northeast India

31st January & 1st February, 2025

NERMPI, CIHSR, Dimapur Nagaland

The College of Medical Physics of India (CMPI), established in 2009, is dedicated to upholding high standards in the practice of Medical Physics. CMPI has consistently promoted quality education through webinars and a Learning Management System (LMS). As part of this ongoing commitment, CMPI is organizing a series of teaching courses in Radiation Oncology Physics to benefit young medical physicists across the northern, southern, eastern, and western regions of the country.

For the first time, this two-day teaching course will be held in Northeast India at CIHSR, Dimapur, on 31st January and 1st February 2025. The course is designed to cover key topics relevant to medical physicists preparing for the CMPI certification and the Radiation Safety Officer (RSO) examination conducted by BARC. Additionally, some advanced topics such as use of 3D Printing and AI in Medical Physics will be discussed. We strongly encourage young medical physicists and interns in these regions to take advantage of this opportunity.

Date: 31st January 2025 & 1st Feb 2025

Venue: North East Regional Multi-Disciplinary Paramedical Institute (NERMPI),
Christian Institute of Health Sciences and Research, Dimapur, Nagaland

Contact us at:

WhatsApp: +919443964010 (Dr. Paul Ravindran, Organising Secretary)

Email: NERMPI@cihsr.ac.in

Registration Process:

Please register for the course by using the link OR scanning the QR code:

<https://tinyurl.com/TCCMPI>

SCAN TO REGISTER



Payment Process:

Registration fee may be paid to the following account or by scanning the QR code:

Acc. Name: CIHSR NERMPI

Acc. No.: 37030509892

Bank & Branch: SBI, Diphupar Branch

IFSC Code: SBIN0015289

Date(s)	Fee
Registration Fee before 01/12/2024	Rs. 1200/-
Registration Fee after 01/12/2024 before 10/01/2025	Rs. 2000/-
Registration Fee after 10/01/2025 & Spot Registration	Rs. 3000/-

Program & Faculty:

Time	Program / Lecture Topic	Faculty
<i>Day 1 – 31st Jan 2025</i>		
08:30 – 09.00 AM	Registration	
09:00 – 09:30 AM	Inauguration	
09:30 – 10:00 AM	Ice breaker & pre-test for participants	<i>Dr. Paul Ravindran</i>
10:00 – 10:50 AM	Coffee Break	
10:50 – 11:40 AM	Reference Dosimetry for Photon and Electron Beams	<i>Dr. Maria Das</i>
11:40 – 12:30 PM	Photon dose calculation algorithms	<i>Dr. T Ganesh</i>
12:30 – 01:20 PM	Source Calibration and Dose estimation in Brachytherapy (TG 43)	<i>Dr. Niyas</i>
01:20 – 02:00 PM	LUNCH	
02:00 – 02:50 PM	Understanding gamma analysis	<i>Dr. T Ganesh</i>
02:50 – 03:40 PM	Introduction to AI in Medical Physics	<i>Dr. Paul Ravindran</i>
03:40 – 04:00 PM	Tea Break	
04:00 – 05:00 PM	3D printing in Radiotherapy – Demonstration	<i>Dr. Paul Ravindran</i>
<i>Day 2 – 1st Feb 2025</i>		
09:00 – 09:50 AM	Photon counting CT	<i>Dr. T Ganesh</i>
09:50 – 10:40 AM	Radiobiological considerations in conventional RT and SRS	<i>Dr. Manoj Semwal</i>
10:40 – 11:10 AM	Coffee Break	
11:10 – 12:00 PM	Quality Assurance of Image Guidance System	<i>Dr. Maria Das</i>
12:00 – 12:50 PM	Planning of Radiotherapy Facilities (External Beam)	<i>Dr. Niyas</i>
12:50 – 01:30 PM	LUNCH	
01:30 – 02:20 PM	AERB regulatory requirements	<i>Dr. Jibon Sharma</i>
02:20 – 03:20 PM	Manuscript Writing	<i>Dr. Paul Ravindran</i>
03:20 – 03:45 PM	TEA BREAK	
03:45 – 4:15 PM	Post-Test	
04:15 – 05:00 PM	Feedback and closing session	

****Participation in post-test is mandatory to get certificate***

Hotel/ Accommodation Details:

The first two hotels in the list below are opposite CIHSR, the venue for the teaching course, and are within walking distance. However, these hotels have a limited number of rooms, so booking in advance is necessary.

Sl. No.	Name of the	Address	Distance	Tariff	Contact No
1	T Y Jam	4 th Mile Opp CIHSR	500 meters	Single bed Rs 500/-	-9886252745
				Double (two individual beds)	
				Rs 700 /-	
2	Comfort Inn	4 th Mile Opp CIHSR	600 meters	Single bed Rs 900/-	+91-7856 39967 (WhatsApp also)
				Double (two individual beds)	
				Rs 1200 /-	
3	Nagi Paying Guest		750 meters	Rs 600 /-Non Ac double	03862-232433
				Rs 1200 /- AC double	
4	Niathu Resort	7th Mile , Chumukedima	5.8 km	Single - Rs. 3,900/night	Tel: +91 (3862) 241489,240600
		Dimapur-797103, Nagaland		Double - Rs. 4,500/night	Fax: +91 (3862) 240135
				Extra Bed Rs. 1050	8415921118
5	Hotel Acacia		7.1 km	Rs.1200 Non AC Double	8415928545
				Rs. 2200 AC Delux single bed	-3862237011
				Rs. 2500 Delus Double bed	
6	Aier's Enclave		9 km	Rs. 2500 /- Single occupancy	Ms. T Aier (Owner)
				Rs. 2800 /- Double occupancy	Mob: +91- 9436000264
					Mr. Stephen Sangma (Manager)
					Mob: +91 – 03862 – 233708
7	HOTEL LAKE SHILLOI		8.3 km	Rs 2200 /-Double King	Ph: 03862 – 236610/13
				Rs 2500 /- double delux	
8	Hotel Saramati		6.6 km	Rs 2600 /- double	03862- 234761/62/63
				Rs 2200 /- single	
9	de Oriental dream		6.8 km	Rs 1200/- single	03862- 231211/230245
				Rs 1600 /- Double	
10	Galaxy		8.8 km	Non AC Single 450/- Double Rs. 900/-	03862-226535
				AC Rs 1500 /-	
11	Kent		7.5 km	Rs 800 / - Single Non AC	03862-234077
				Rs 1400 /- Double Non AC	
12	Hotel Cedar		7.0 km	Rs 1000 /- Non AC double	087980 63535
					7005885309

The rates mentioned above are approximate and subject to change.