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

SCAN TO REGISTER

Registration Process:

Please register for the course by using the link OR scanning the QR code:
https://tinyurl.com/TCCMPI

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
	Day 1 – 31st Jan 2025	
08:30 – 09.00 AM	Registration	
09:00 – 09:30 AM	Inauguration	
09:30 – 10:00 AM	Ice breaker & pre-test for participants	***Dr. Paul Ravindran***
10:00 – 10:50 AM	Coffee Break	
10:50 – 11:40 AM	Reference Dosimetry for Photon and Electron Beams	***Dr. Maria Das***
11:40 – 12:30 PM	Photon dose calculation algorithms	***Dr. T Ganesh***
12:30 – 01:20 PM	Source Calibration and Dose estimation in Brachytherapy (TG 43)	***Dr. Niyas***
01:20 – 02:00 PM	LUNCH	
02:00 – 02:50 PM	Understanding gamma analysis	***Dr. T Ganesh***
02:50 – 03:40 PM	Introduction to AI in Medical Physics	***Dr. Paul Ravindran***
03:40 – 04:00 PM	Tea Break	
04:00 – 05:00 PM	3D printing in Radiotherapy – Demonstration	***Dr. Paul Ravindran***
	Day 2 – 1st Feb 2025	
09:00 – 09:50 AM	Photon counting CT	***Dr. T Ganesh***
09:50 – 10:40 AM	Radiobiological considerations in conventional RT and SRS	***Dr. Manoj Semwal***
10:40 – 11:10 AM	Coffee Break	
11:10 – 12:00 PM	Quality Assurance of Image Guidance System	***Dr. Maria Das***
12:00 – 12:50 PM	Planning of Radiotherapy Facilities (External Beam)	***Dr. Niyas***
12:50 – 01:30 PM	LUNCH	
01:30 – 02:20 PM	AERB regulatory requirements	***Dr. Jibon Sharma***
02:20 – 03:20 PM	Manuscript Writing	***Dr. Paul Ravindran***
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	4th Mile Opp CIHSR	500 meters	Single bed Rs 500/- Double (two individual beds) Rs 700 /-	-9886252745
2	Comfort Inn	4th Mile Opp CIHSR	600 meters	Single bed Rs 900/- Double (two individual beds) Rs 1200 /-	+91-7856 39967 (WhatsApp also)
3	Nagi Paying Guest		750 meters	Rs 600 /-Non Ac double Rs 1200 /- AC double	03862-232433
4	Niathu Resort	7th Mile , Chumukedima Dimapur-797103, Nagaland	5.8 km	Single - Rs. 3,900/night Double - Rs. 4,500/night Extra Bed Rs. 1050	Tel: +91 (3862) 241489,240600 Fax: +91 (3862) 240135 8415921118
5	Hotel Acacia		7.1 km	Rs.1200 Non AC Double Rs. 2200 AC Delux single bed Rs. 2500 Delus Double bed	8415928545 -3862237011
6	Aier's Enclave		9 km	Rs. 2500 /- Single occupancy Rs. 2800 /- Double occupancy	Ms. T Aier (Owner) Mob: +91-9436000264 Mr. Stephen Sangma (Manager) Mob: +91 – 03862 – 233708
7	HOTEL LAKE SHILLOI		8.3 km	Rs 2200 /-Double King Rs 2500 /- double delux	Ph: 03862 – 236610/13
8	Hotel Saramati		6.6 km	Rs 2600 /- double Rs 2200 /- single	03862-234761/62/63
9	de Oriental dream		6.8 km	Rs 1200/- single Rs 1600 /- Double	03862-231211/230245
10	Galaxy		8.8 km	Non AC Single 450/- Double Rs. 900/- AC Rs 1500 /-	03862-226535
11	Kent		7.5 km	Rs 800 / - Single Non AC Rs 1400 /- Double Non AC	03862-234077
12	Hotel Cedar		7.0 km	Rs 1000 /- Non AC double	087980 63535 7005885309

The rates mentioned above are approximate and subject to change.