



# Indian College of Radiation Oncology (ICRO) *Academic Wing of* Association of Radiation Oncologists of India (AROI)

## 51<sup>st</sup> ICRO PG Teaching Program

11<sup>th</sup> & 12<sup>th</sup> October 2025

On

**"Paediatric and Hematological Malignancies"**

### Organising Institute

Department of Radiation Oncology,  
**Vydehi Institute of Medical Sciences & Research Centre**  
Bengaluru, Karnataka

### Venue

Seminar Hall, Ground floor, College Building  
**Vydehi Institute of Medical Sciences & Research Centre**  
Bengaluru



This educational initiative is supported by



a SUN PHARMA division

## Course Goal

Paediatric and hematologic cancers present unique challenges in diagnosis, treatment planning, and multidisciplinary care. This focused course will equip radiation oncology residents with the knowledge, skills, and confidence to manage these complex cases effectively, balancing cure rates with long-term quality of life.

Learning Objectives include evidence-based management and unique paediatric considerations, including growth, development, and late toxicities with emphasis on survivorship and follow-up protocols.

Methodology will be interactive lectures, case simulations, multidisciplinary panels and practical contouring sessions covering evolution of radiation fields for lymphomas, total skin electron therapy (TSET), advanced techniques like proton therapy and emerging modalities like Total Marrow Irradiation (TMI) etc.

## Organising Institute

Vydehi Institute of Medical Sciences and Research Centre (VIMS & RC) is a leading healthcare and medical education institution in Bengaluru, featuring a 1600-bed multi-specialty hospital. It is renowned for its highly qualified healthcare professionals and state-of-the-art infrastructure committed to delivering world-class treatment. The institute offers comprehensive courses in Medicine, Dentistry, Nursing, Physiotherapy, Pharmacy, and Allied Health Sciences, supported by advanced laboratories and clinical facilities. Oncology services started in 2007 and today the centre is a leading premier cancer care facility in East Bangalore, serving patients from across India and worldwide. The centre offers a comprehensive range of oncology services, including radiation, medical, surgical, paediatric, preventive, pain and palliative medicine, and nuclear medicine with the motto of delivering precision care tailored to each patient's unique needs.

## AROI Office Bearers



**Chair, AROI**  
**Prof. (Dr.) Manoj Gupta,**  
Email: mkgupta62@yahoo.co.in  
Mobile: +91 98161 37344



**President, AROI**  
**Prof. (Dr.) S. N. Senapati**  
Email: snsenapati2007@gmail.com  
Mobile: +91 94370 31718



**President Elect, AROI**  
**Prof. (Dr.) C.S. Madhu**  
Email: dr.csmadhu@gmail.com  
Mobile: +91 93871 03803



**Secretary General, AROI**  
**Dr. V Srinivasan**  
Email: vsrinivasan09@gmail.com  
Mobile: +91 98410 22366

## ICRO Office Bearers



**Chairman**  
**Prof. (Dr.) Sarbani Ghosh Laskar**  
Email: sarbanilaskar@gmail.com  
Mobile: +91 98208 34386



**Vice Chairman**  
**Dr. Gautam K Sharan**  
Email: dr.gautamsharan@gmail.com  
Mobile: +91 93263 23109



**Secretary**  
**Dr. Pooja Nandwani Patel**  
Email: drpoojanandwani@gmail.com  
Mobile: +91 98257 39897

## Program Director



**Dr. Geeta S. Narayanan,**  
Professor & Head, Dept of Radiation Oncology  
VIMS & RC  
Email: fromgeeta@gmail.com



**Dr. Arpitha .S**  
Professor, Dept of Radiation Oncology,  
VIMS & RC  
Email: arpitha16ananth@gmail.com

# REGISTRATION

Scan the below QR code to register for the program

SCAN ME



## For Indian students

- 2<sup>nd</sup> and 3<sup>rd</sup> year MD / DNB (Radiation Oncology) Postgraduate students to be nominated by the Head of the Departments / Institutes.
- A maximum of two postgraduates per institute are allowed to participate in one ICRO programme.
- Each postgraduate can attend the ICRO programme only once during their course (MD/DNB).
- AROI membership is mandatory to be part of the program. If not registered, please register and attach the same while filling the QR code.
- Registration will be based upon first-cum-first-served basis.
- Last date for submission of application : 30<sup>th</sup> September 2025.
- Candidates will have to pay Registration fee of Rs. 1,500/- upto 30<sup>th</sup> of September (Post 30<sup>th</sup> of September Rs. 2000) through online payment mode only. Account details for the same mentioned below.

Bank: State Bank of India

Account Name: AROI - ICRO

Account No: 39535445525

Address: Millerganj, Ludhiana

IFSC CODE: SBIN0000731

- After making the payment, upload the payment receipt along with the registration details through QR code.
- It is compulsory for the students to attend on both the days to avail the certificate distributed during the end of program. Failing to this no reasons will be entertained and the respective head of the department will be intimated too if the student is found absent on any of the days.

## For FARO members & SAARC countries:

- Registration fee is 30USD
- After making the payment, please mail the payment receipt to [secretaryicro@gmail.com](mailto:secretaryicro@gmail.com), & [secretaryaroi@gmail.com](mailto:secretaryaroi@gmail.com)
- For any correspondence please contact Secretary, ICRO at [secretaryicro@gmail.com](mailto:secretaryicro@gmail.com) or the decision of ICRO body will be final and binding





## AGENDA

Day-1 : 11 <sup>th</sup> October, Saturday 2025		
S.No	Time	Topic
1	09:25-09:30 AM	Welcome Remarks
2	09:30-10:00 AM	Paediatric cancers in India : burden, barriers & breakthroughs
3	10:00-10:30 AM	Principles of Paediatric Radiation Oncology : How is Paediatric Radiation different from Adult Radiation?
4	10:30-11:00 AM	Medulloblastoma – Contemporary Management & RT Planning
5	11:00-11:30 AM	Ependymoma & Other Paediatric Gliomas
11:30-12:00 AM <b>Inauguration and Tea/Coffee Break</b>		
6	12:00-12:30 PM	CNS Germ Cell Tumors & Rare Paediatric Brain Tumors
7	12:30-01:00 PM	Radiation Techniques for Paediatric CNS Tumors – Conventional, IMRT, IGRT & Adaptive RT
8	01:00-02:00 PM	<b>Lunch Break</b>
9	02:00-02:30 PM	Rhabdomyosarcoma – Basics & Overview
10	02:30-03:00 PM	Neuroblastoma – Indications, Techniques & Outcomes
11	03:00-03:30 PM	Paediatric Renal tumors – Current Indications
12	03:30-04:00 PM	Comprehensive Overview of Bone and soft tissue sarcomas
	04:00-04:30 PM	<b>Tea/Coffee Break</b>
13	04:30-05:00 PM	Late Effects, Second Malignancies & Surveillance in Paediatric Cancer Survivors
14	05:00-05:30 PM	Proton Beam Advantages in Paediatric Tumors



## AGENDA

Day-2 : 12 <sup>th</sup> October, Sunday 2025		
S.No	Time	Topic
1	09:00-09:30 AM	RT in Hodgkin Lymphoma in Paediatric & Adolescent Patients – ISRT vs IFRT, De-escalation Trials
2	09:30-10:00 AM	RT in Non-Hodgkin Lymphoma in Paediatric & Adolescent Patients
3	10:00-10:30 AM	Retinoblastoma : RT Indications & Techniques
4	10:30-11:00 AM	RT in Adult Lymphomas Relevant to Board Exams
	11:00-11:15 AM	<b>Tea/Coffee Break</b>
5	11:15 -11:45 AM	Total Body Irradiation – Principles, Techniques & Advances
6	11:45 -12:15 AM	Total Marrow & Total Lymphoid Irradiation – Emerging Role & Planning Considerations
7	12:15 -12:45 AM	Integrating RT with CAR-T Cell Therapy
8	12:45 -01:15 AM	Radiation in Leukaemia & Myeloma – Current Indications
	01:15 -01:30 PM	<b>Quiz</b>
	01:30 -01:45 PM	Closing Remarks & Feedback
	01:30 -02:30 PM	<b>Lunch</b>