



# 3<sup>rd</sup> ANNUAL CONFERENCE OF THE ASSOCIATION OF RADIOTHERAPY TECHNOLOGISTS OF TAMIL NADU

Date: 16.11.2025 | Venue: KMCH Auditorium

## PROGRAMME SCHEDULE

Time	Talk	Topic	Speakers	Chairperson
7.00 am - 7.50 am		<b>Registration</b>		
<b>SCIENTIFIC SESSION - 1</b>				
8.00 am - 8.20 am	Invited Talk - 1	Principles & Progress Radiobiology for Radiotherapy Technologists	Dr. Vivek J Sri Ramakrishna Hospital, Coimbatore	Dr. Anand Narayanan C Mr. Balasubramaniam V Mr. Stancy Anto
8.20 am - 8.30 am	Oral Talk - 1	Evolution and importance of immobilization in Radiotherapy	Mr. Anand A Sri Shankara Cancer Hospital, Bangalore	
8.30 am - 8.40 am	Oral Talk - 2	Feasibility of embolization coils as fiducial markers with DIBH in Liver SBRT for Hepatocellular carcinoma	Mrs. Sowmya K Baby Amala Institute of Medical Sciences, Thiruvananthapuram	
8.40 am - 9.00 am	Invited Talk - 2	The Reality of Paperless Radiation Oncology Workflow - A Myth or Milestone ?	Dr. Sundaram T GKNM Hospital, Coimbatore	
9.00 am - 10.00 am		<b>Inauguration</b>		
<b>SCIENTIFIC SESSION - 2</b>				
10.00 am - 10.20 am	Invited Talk - 3	Gyroscopic RadioSurgery with Zap X-A New Era in Precision Treatment	Mr. Selvakumar A Indraprastha Apollo Hospital, New Delhi	Dr. Subramaniam R Mr. Sudharsan S Mr. Govindarajan P
10.20 am - 10.30 am	Oral Talk - 3	Role of Resimulation in Head & Neck Radiotherapy: Addressing Anatomical & Clinical Variability to Ensure Treatment Accuracy	Miss. Abinaya C AOI/Royal Care Hospital, Coimbatore	
10.30 am - 10.40 am	Oral Talk - 4	TMLI in Helical Tomotherapy	Mr. Tejas Anulmani Apollo Proton center, Chennai	
10.40 am - 11.00 am	Invited Talk - 4	Online Adaptive Radiotherapy - The Future is here?	Mr. Velmurugan T KMCH, Coimbatore	
11.00 am - 11.30 am		<b>Tea Break</b>		
<b>SCIENTIFIC SESSION - 3</b>				
11.30 am - 11.50 am	Invited Talk - 5	Role of RadioTherapy Technologist in Total Body Irradiation (TBI/TMLI) - From Simulation to Delivery	Mr. Joel T Christian Medical College, Vellore	Dr. Sureka D Mr. Bhaskar P Mr. Balakrishnan S
11.50 am - 12.00 pm	Oral Talk - 5	Integration of SGRIT in IMPT for Sacral Chordoma: Enhancing Precision and Safety	Miss. Safana Farhin, Apollo Proton center, Chennai	
12.00 pm - 12.10 pm	Oral Talk - 6	Advancing Psychosocial support in Radiotherapy: Integrating Therapist Communication and AI Based Emotional Assessment'	Mr. Abhishek S Apollo Proton center, Chennai	
<b>SCIENTIFIC SESSION - 4</b>				
12.10 pm - 12.30 pm	Invited Talk - 6	MR Linac-based Radiotherapy - Are We Witnessing a Paradigm Shift ?	Mr. Ravindran Gopal Fortis Memorial Research Institute, Gurgaon	Dr. Kathirvel M Mrs. Sathya S Mr. ShanmugamSundram T
12.30 pm - 12.40 pm	Oral Talk - 7	Optimizing CBCT for Adaptive Radiotherapy : A Hounsfield Unit Linearity Analysis	Mr. A. Arjunan Sudha cancer centre, Erode	
12.40 pm - 12.50 pm	Oral Talk - 8	Evaluation of Setup errors in TMLI Using IGRT	Mr. Jawhar Ali KMCH, Coimbatore	
12.50 pm - 1.50 pm		<b>Lunch</b>		
<b>SCIENTIFIC SESSION - 5</b>				
1.50 pm - 2.10 pm	Invited Talk - 7	From Proton to Possibilities - Where is Particle therapy taking us	Mr. Manoj Wakde Apollo Proton Center, Chennai	Dr. Saravana Kumar A Mr. Sampath Kumar R Mr. John Kishore Mr. Anto Vaz S
2.10 pm - 2.20 pm	Oral Talk - 9	Role of Breath-Hold Training protocol for effective DIBH treatment execution	Miss. Anusha Angelina M Bangalore Baptist Hospital, Bangalore	
2.20 pm - 2.30 pm	Oral Talk - 10	Impact of Technique Transition from IMRT to VMAT on Treatment Duration.	Miss. Gladise Preethisha St.John's Medical College & Hospital, Bangalore	
2.30 pm - 2.40 pm	Oral Talk - 11	Setup Accuracy in AVM Radiosurgery	Mr. Nithyananthan C KMCH, Coimbatore	
<b>SCIENTIFIC SESSION - 6</b>				
2.40 pm - 3.00 pm	Invited Talk - 8	Surface Guidance in Radiation Oncology : Exploring a new Horizon in Patient Positioning	Mr. Kumarasamy K PSG Hospital Coimbatore	Mr. Chellapandian Mr. Sandeep C Mr. Sikkandar Bava J
3.00 pm - 3.10 pm	Oral Talk - 12	Rotational setup errors in Stereostatic Radiotherapy: A Multi-Site Evaluation of Pitch & Roll Deviations and the need for 6D Correction	Miss. Sandhya S Sudha cancer centre, Erode	
3.10 pm - 3.20 pm	Oral Talk - 13	Evolution of the Impact of immobilization devices and Bladder volume variation on daily setup Accuracy in Ca.Rectum	Mr. Muthu Rakkaiya Gem Cancer Center, Coimbatore	
3.20 pm - 3.30 pm	Trade Talk	Oncotech	Mr. Muni Rathnam	
3.30 pm - 3.50 pm		<b>Tea Break</b>		
3.50 pm - 4.20 pm		<b>Quiz</b>		Miss. Thermozi Bharthi Miss. Saron Jemima J
4.20 pm - 5.00 pm		<b>Prize Distribution &amp; Vote of Thanks</b>		Mr. Elangovan B
5.00 pm - 6.00 pm		<b>GBM</b>		