



Cancer
Centres

Association of Medical Physicists of India
(Tamil Nadu and Puducherry Chapter)

TNPY AMPICON 2025

28TH ANNUAL CONFERENCE

வணக்கம்
சென்னை

CONFERENCE DATES:
26th & 27th SEPTEMBER 2025

Venue: Apollo Speciality Hospitals,
Vanagaram, Chennai

Website / Registration Link:
www.tnpyampicon2025.com

CLICK HERE

Organized & Hosted by:
Apollo Cancer Centres, Chennai



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Message : TNPY AMPICON 2025

Dear Friends,

Greetings from Chennai – the healthcare capital of India and the proud host of **TNPY AMPICON 2025**. On behalf of the organizing committee, it is our privilege to invite you to the **28th Annual Conference of the Association of Medical Physicists of India - Tamil Nadu and Puducherry Chapter**, to be held on **26th–27th September 2025 at Apollo Cancer Centres, Vanagaram, Chennai**.

Chennai has long stood as a global hub for advanced healthcare. At its heart, **Apollo Cancer Centres Teynampet**, has become the **first in South Asia to introduce the next-generation CyberKnife® S7™ FIM Robotic Radiosurgery System**, offering precise, non-invasive treatment for tumors. Continuing its legacy of innovation since launching **India's first CyberKnife® in 2008**, Apollo sets a new benchmark in advanced cancer care across the Asia-Pacific region. Further strengthening this commitment, the **Apollo Proton Cancer Centre** stands as a monumental achievement in Indian oncology - the First Proton Therapy Facility in South Asia—firmly placing India on the global map for state-of-the-art cancer treatment. Adding further to this legacy, **Apollo Speciality Hospitals, Vanagaram** proudly hosts Tamil Nadu's first Harmony PRO Linear Accelerator, offering cost-effective, high-precision, patient-friendly treatment capabilities.

The theme for this year's TNPY AMPICON 2025, "**Solving New Challenges in Personalized Oncology: Automation and Accuracy in Medical Physics**," has been thoughtfully chosen to reflect the rapid evolution of clinical practices. With the growing integration of automation, artificial intelligence (AI), adaptive workflows, and data-driven decision-making, the role of Medical Physicists is undergoing a remarkable transformation.

The pre-conference workshop on hybrid planning strategies and the annual TNPY AMPI Conference aim to spark meaningful discussions around these innovations, promote collaborative learning, and shape the future of Personalized Cancer Therapy.

Join us for enriching scientific sessions, hands-on workshops, and impactful knowledge exchange with leading experts from across Tamil Nadu and India - all wrapped in the warmth of Chennai's hospitality.

We look forward to welcoming you!

Organizing Committee
TNPY AMPICON 2025

www.tnpyampicon2025.com

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CEO and DMS, Cluster 2

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Sr Consultant & Head,
Medical Oncology
ACC, Vanagaram



Dr. Anitha Rogers
Medical Administrator
ASHV, Vanagaram

Guest of Honour



Dr. Dinesh Kumar Shukla
Chairman,
Atomic Energy Regulatory Board

Organizing Committee



Dr. Dayananda Sharma
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Prof and Head of Medical Physics,
Apollo Proton, Chennai



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Dr. Mohamathu Rafic K
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Chief Medical Physicist &
RSO, Apollo Vanagaram



Ms. Saraswathi Chitra
Scientific Committee Chairman
Chief Medical Physicist & RSO,
Apollo Teynampet



Dr. Abdul Rahim Syed
Treasurer
HOD, Nuclear Medicine,
Apollo Vanagaram

Day 1 – (26.09.2025 - Friday)

Scientific Program

Time	Session	Details
08:00 – 08:30	Workshop Registration	
08:30 – 13:00	Pre-conference Workshop	Hybrid Planning Strategies for Breast Cancer (Hands-on + Demo + Lecture)
13:00 – 13:45	Lunch Break	
13:45 – 14:00	Conference Registration	
14:00 – 14:45	Prof. C. Rethinasabapathy Endowment Oration	
14:45 – 15:30	SRS/SBRT Panel Discussion	Oncologist & Physicist Team
15:30 – 15:40	Tea Break	
15:40 – 16:00	Scientific Session 1	Functional and Dosimetric Insight into MR-LINAC
16:00 – 16:30	Oral Papers	
16:30 – 17:30	TMI / TMLI Panel Discussion	Haematologist, Oncologist and Physicist Team
17:30 – 18:30	Quiz Competition for Students	
19:00 Onwards	Conference Dinner	





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Day 2 – (27.09.2025 - Saturday)

Time	Session	Details
08:15 – 09:00	CME - Academic Session	
09:00 – 09:40	Prof. Cyril A. Jayachandran Endowment Oration	
09:40 – 10:00	Scientific Session 2	Automation in Contouring, Treatment Planning, & Quality Assurance
10:00 – 10:45	Inauguration Ceremony & Dignitary Talks	Chairman AERB
10:45 – 11:00	Tea Break	
11:00 – 11:40	AROI Oration	
11:40 – 12:00	Scientific Session 3	PET-CT in Oncology: Regulatory Requirements and Clinical Applications
12:00 – 12:30	Oral Papers	
12:30 – 13:00	Trade Talk on Adaptive RT	
13:00 – 13:40	Lunch Break	
13:40 – 14:00	Scientific Session 4	Proton vs. Carbon Ion: Physics and Radiobiology
14:00 – 14:20	Oral Papers	
14:20 - 14:40	Scientific Session 5	Brachytherapy: A Dying Art or a Reinventing Modality?
14:40 - 15:00	Oral Papers	
15:00 – 15:15	Evening Tea Break	
15:15 – 15:45	Scientific Session 6	Radiation Safety and QA
15:45 – 16:30	Future of Medical Physics Education and Training	Panel Discussion - Medical Physicist Team
16:30 – 16:45	E-Poster Rapporteur	
16:45 – 17:30	Valedictory Function	Awards, certificate distribution, vote of thanks
17:30 – 18:30	TNPY AMPI General Body Meeting 2025	

Awards and Honours

PTW – Young Medical Physics Student Award

Established in 2017

This award was instituted in 2017 to encourage young Medical Physics students. This award is given to best oral/poster paper presenters as adjudged by scientific committee.

Prof. M. Jagadeesan Best Paper Award

Established in 2005

This award was instituted in the year 2005 by Prof. M. Jagadeesan, M.D, Professor of Radiation Oncology. This award is given to best oral paper presenters as adjudged by scientific committee.

Prof. T. M. B. Nedungadi Best Paper Award

Established in 2007

This award was instituted in the year 2007 by Prof. T. M. B. Nedungadi, M.Sc, Professor of Radiology Physics. This award is given to best oral paper presenters as adjudged by scientific committee.

Apollo Best Researcher Award

This prestigious award is presented by Apollo Cancer Centres. It is awarded to the best Oral or Poster paper presenters, from both faculty and student categories, as adjudged by the Scientific Committee. The award aims to encourage high-quality research in Medical Physics.



Registration Fees Details

Category	Pre-Conference Workshop 26 th Sept	Early Bird Registration Up to 15 th August	Regular Registration Up to 10 th Sept	On Site Registration From 11 th Sept
Oncologist + Physicist Team	₹5,000 / \$200	₹5,000 / \$200		
Oncologist or Medical Physicist	₹3,000 / \$120	₹3,000 / \$120		
AMPI & AROI Members	—	₹ 1,500	₹ 1,750	₹ 2,000
Non-AMPI & -AROI Members	—	₹ 2,000	₹ 2,500	₹ 3,000
Associate Delegates	—	₹ 1,000	₹ 1,250	₹ 1,500
Students (Medical Physics, PG, PhD)	—	₹ 1,000	₹ 1,250	₹ 1,500
Trade Delegates	—	₹ 3,000	₹ 5,000	₹ 7,000
Overseas Delegates	—	\$ 100	\$ 120	\$ 150



For Registration Scan QR code

AMPI or AROI Member: Please quote your Membership ID no.
 Senior AMPI Member: Please attach age proof.
 Student: Please attach your bonafide Certificate.
 Additional charges may apply and will be shown on the payment page.

Join us in Chennai to help shape the
 Future of Medical Physics in **Oncology**

Contact Email: tnpyampicon2025@gmail.com



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