



DEPARTMENT OF PHYSIOLOGY

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, MADURAI, TAMIL NADU

under the aegis of

ASSOCIATION OF PHYSIOLOGISTS OF TAMIL NADU

Presents

யாக்கை – 360°
(YAKKAI 360°)

**APTCON 2025 – 17th Annual Conference of Association
of Physiologists of Tamil Nadu**

*Expanding the Horizons of Physiology:
Bridging Basic Science and Clinical Innovation – a 360-degree Approach*

**INTERNATIONAL
CONFERENCE**

**Preconference
Workshop
20th & 21st
August, 2025**

**Conference
22nd & 23rd
August, 2025**

**4
TNMC
Credit hours**

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Prof. (Dr.) M. Hanumantha Rao
Executive Director and CEO
AIIMS, Madurai



Prof. (Dr.) Prashant Lavania
President
AIIMS, Madurai

Chief Patrons

Organising Chairperson

Dr. Anandhalakshmi S

Professor and Head, Dept. of Physiology
Faculty-in-Charge, Student Affairs

Organising Co-chairperson and Finance Secretary

Dr. Senthil Velou M

Additional Professor, Dept. of Physiology

Organising Secretary

Dr. Senthil Kumar S

Associate Professor, Dept. of Physiology

Co-organising Secretary

Dr. Saravanan M

Assistant Professor, Dept. of Physiology

Co-organising Secretary

Dr. Jothi Marie Feula A

Assistant Professor, Dept. of Physiology

Executive committee member

Dr. Hari M

Junior Resident

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Day 1 – 20-Aug-2025

Workshop 1: Time - 10 to 1 PM

Neuromodulation

Convenor: **Dr. Kaviraja Udupa**, Professor, Department of Neurophysiology, NIMHANS, Bengaluru

Members:

Dr. Muralidharan K, Professor of Psychiatry, NIMHANS

- **Dr. Sreeraj**, Faculty of Psychiatry, NIMHANS
- **Dr. Jayant Mahadevan** Faculty of Psychiatry, NIMHANS
- **Dr. Nitish Kamble**, Additional Professor, Neurology, NIMHANS.
- **Dr. Subhashree Ramakrishnan**, Professor of Neurology, NIMHANS
- **Dr. Sagarika Battacharjee**, Scientist-D/ Assistant Professor, Department of Neurophysiology, NIMHANS

Early bird : Rs. 1000
Late bird: Rs. 1500

Register here:

<https://tinyurl.com/yakkai360>



Early bird registration: on or before 30th June 2025

PRE-CONFERENCE WORKSHOPS

20th & 21st, August 2025

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Day 1 – 20-Aug-2025

Workshop 2: Time - 2 to 5 PM

Nerve conduction and Evoked potentials

Convenor: **Dr. Anandhalakshmi S**, Professor and Head,
Department of Physiology, AIIMS, Madurai

Members:

- **Dr. Senthil Kumar Subramanian**, Associate Professor, Department of Physiology, AIIMS, Madurai
- **Dr. Saravanan. M**, Assistant Professor, Department of Physiology, AIIMS, Madurai
- **Dr. Jothi Marie Feula A**, Assistant Professor, Department of Physiology, AIIMS, Madurai

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Day 2 – 21-Aug-2025

Workshop 3: Time - 10 to 1 PM

Intraoperative neuromonitoring

Convenor: Dr. Prabhuraj AR, Professor, Department of Neurosurgery, NIMHANS, Bengaluru

Members:

Dr. Radhakrishnan

Department of Neuroanesthesia
NIMHANS, Bengaluru

Dr. Gopala Krishnan

Department of Neuroanesthesia
NIMHANS, Bengaluru

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Day 2 – 21-Aug-2025

Workshop 4: Time- 2 to 5 PM

Sleep study - Polysomnography

Convenor: **Dr. Senthil Velou M**, Additional Professor,
Department of Physiology, AIIMS, Madurai

Members:

- **Dr. Swapnatai. A. Meshram**, Director Professor and HOD, Department of Physiology, ESIC Medical College & PGIMSR, Rajajinagar, Bangalore.
- **Dr. Basanta Manjari Naik**, Additional Professor, Department of Physiology, JIPMER, Puducherry
- **Dr. Archana Gaur**, Assistant Professor, Department of Physiology, AIIMS, Bibinagar.

Early bird : Rs. 1000

Late bird: Rs. 1500

Register here:

<https://tinyurl.com/yakkai360>



Early bird registration: on
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PRE-CONFERENCE WORKSHOPS

20th & 21st, August 2025

CONFERENCE SCHEDULE

22nd & 23rd, August 2025

Day 1 – 22 August 2025

Time	Event	Topic	Speaker
8.30 am – 9am	Registration		
9.00 am – 9.40 am	Guest lecture 1	Modern insights into clinical physiology – where we stand and what lies ahead?	Dr. Muthuselvi K , DGO, MD President APT Professor and Head, Dept. of Physiology Government Sivagangai Medical College, TN
9.40 am - 10.20 am	Guest lecture 2	Decoding Pain Physiology: Mechanistic Basis in Labour Analgesia	Dr. Ramya R Clinical Lecturer, The Chinese University of Hong Kong, Department of Anesthesia and Intensive Care, Prince of Wales Hospital, Shatin N.T., Hong Kong SAR
10-20 am – 11 am	Guest lecture 3	Not Just Ataxia: The Expanding Landscape of Cerebellar Movement Disorders	Dr. Tajul Arifin bin Tajudin Consultant Paediatric Neurologist and Movement Disorder Specialist, Puteri specialist hospital Visiting consultant, Sultan Ismail Specialist hospital Johor Baghru, Malaysia
11 am – 11.30 am	Inauguration 		
11.30 am – 11.45 am	Intraoperative Neuromonitoring as an emerging subspeciality in Physiology		Dr. Prabhuraj AR , Professor Department of Neurosurgery NIMHANS, Bengaluru
11.30 am – 2 pm	Oral Presentation Faculty and PGs		

Scientific Committee members

Dr. Senthil Velou M

Dr. Senthil Kumar S

Dr. Saravanan M

Dr. Jothi Marie Feula A



Day 1 – 22 August 2025

11.45 am – 1.15 pm	Symposium 1	Exercise is Medicine: Physiology to Medicine	<p>Dr. Hanjabam Barun Sharma General Secretary ISSEM Assoc. Professor, Dept. of Physiology IMS – BHU, Varanasi</p> <p>Prof. Dobson Dominic President ISSEM Head, Dept. of Sports Medicine & Sports Science, Saveetha Medical College, Chennai</p> <p>Dr. Sankalp Sports-Exercise Medicine & Sciences (Lifestyle & Performance Medicine) Lab., Dept. of Physiology, IMS, BHU, Varanasi</p>
1.00pm – 2.00pm	Lunch break		
2.00 pm – 5.00 pm	Symposium 2	Basics of EEG analysis	<p>Dr. Ravindra PN Additional Professor Dept. of Neurophysiology NIMHANS, Bengaluru & Team of experts from NIMHANS</p>
	Symposium 3	Basal Ganglia and beyond: Linking Neurophysiology to clinical syndromes	<p>Dr B. N. Rao Additional Professor, Department of Physiology, AIIMS Bhubaneswar</p> <p>Dr. Priyanka Samal Assistant Professor Department of Neurology AIIMS, Bhubaneswar</p>
	Oral Presentation Faculty and PGs		
5.00 pm – 6.00 pm	General Body meeting		
7.00 pm – 9.00 pm	Grand dinner (for Faculty and PGs)		



Venue: AIIMS Madurai

(Temporary campus: Auditorium Govt. Medical College, Ramanathapuram)

CONFERENCE SCHEDULE

22nd & 23rd, August 2025

Day 2 – 23 August 2025

09.00 am – 10.00 am	Guest lecture 4	Impact of Sarcopenia on cardiovascular health	Dr. Velkumary S Professor of Physiology JIPMER, Puducherry
10.00 am – 11.00 am	Guest lecture 5	Life style medicine - Role of physiologist in clinical practice & community outreach	Dr. Mrunal Phatak Professor and Head Dept. of Physiology AIIMS, Nagpur
11.00 am – 12.00 pm	Guest lecture 6	What does a busy cardiologist need to know about heart rate variability ?	Dr. Elapulli Sankaranarayanan Prakash, Professor of Physiology Department of Physiology Augusta University Medical College of Georgia @ Georgia Southern University
12.00 pm – 1.00 pm	Guest lecture 7	Techniques for assessment of vascular functions in human: bench to bedside translation	Dr. Dinu S chandran Additional Professor Department of Physiology AIIMS, New Delhi
10.00 am – 1.00 pm	UG Oral presentation Faculty, PG and UG poster presentation		
1.00pm – 2.00pm	Lunch break 		
2.00 pm – 3.30 pm	Symposium 4	Patenting and instrumentation & Demonstration of patented instrument	Dr. Sathya Subramani Professor of Physiology CMC, Vellore, TN & Team
	Symposium 5	Syncope and blood pressure: Bridging Physiology, Diagnosis and Clinical practice	Dr. Saranya K Additional Professor Dept. of Physiology JIPMER, Puducherry. Dr. Senthil Kumar S Associate Professor AIIMS Madurai. Dr. Jean Fredrick Associate Professor AIIMS Kalyani
3.30 pm – 5.00 pm	Valedictory function & Prize distribution 		

Registration details

Category	Early bird registration on or before 30 th June 2025	Registration from 1 st July to 5 th August 2025
Pre conference workshop (No spot registration allowed)		
All delegates	₹ 1000 per workshop	₹ 1500 per workshop
Conference		
Faculty	₹ 4000	₹ 4500
Post graduate / PhD scholar	₹ 3000	₹ 3500
Under graduate (all years)	₹ 1000	₹ 1500
Spot registration	₹ 6000 (Conference kit will not be provided)	
Accompanying person (lunch & snacks only)	Rs. 2000	

Payment details:

Account name: Association of Physiologists of AIIMS Madurai

Account number: 110235760019 **IFSC code:** CNRB0007614

Bank: Canara bank **MICR code:** 623015008

Branch: Government medical college branch, Ramanathapuram, Tamil Nadu

Contact Us @: Email: aptcon2025aiimsmadurai@gmail.com

Mobile: 9894623074, 9944540994, 9962267560, 9842185430, 8870815320

Register here: <https://tinyurl.com/yakkai360>



**Early bird registration: on or
before 30th June 2025**

Abstract submission guidelines

Rules and regulations of the abstract

For presentation at the conference, delegates who are interested in oral or poster presentations are requested to submit unique, high-quality research abstracts. Oral / poster presentations in various categories will be awarded best free paper and poster awards in the conference. All phases of MBBS students can submit abstracts.

Guidelines

1. The abstract should contain original research or concept paper that offer a new perspective. The work shouldn't have already been published.
2. The novelty of the work should be emphasized in the abstract.
3. Abstracts should use a 12-point Times New Roman font and be one and a half-spaced.
4. With the exception of the title, authors affiliation and keywords, abstracts cannot be longer than 250 words.
5. Abstract should be structured under the following subheadings: Title, Background/Introduction, Aims/Objectives, Materials and methods, Results, Conclusion, 4-6 keywords.
6. Names of all co-authors need to be mentioned.
7. Affiliations should be indicated by Arabic numbers as superscript at the end of the surname.
8. The name of the presenting author should be UNDERLINED and **BOLD**.
9. Last date of abstract submission is July 31st, 2025.
10. Conference registration is mandatory for abstract submission.
11. Strictly adhere to the template of abstract in submission link.
12. In case of any doubt kindly contact scientific committee.
13. Acceptance of the abstract is purely under the decision of scientific committee.



Abstract
submission has
begun and last date
is 31st July 2025

Abstract submission link:

<https://tinyurl.com/yakkai-abstract>

Place of interest near Ramanathapuram...

Arichal munai



Dhanuskodi



Pamban bridge



Rameswaram



*APJ Abdul Kalam
Memorial*



Place of interest near Ramanathapuram...

No WAVE beach



Uthirakosamangai



Kurusadai Island



DEVIPATTINAM NAVAGRAHA



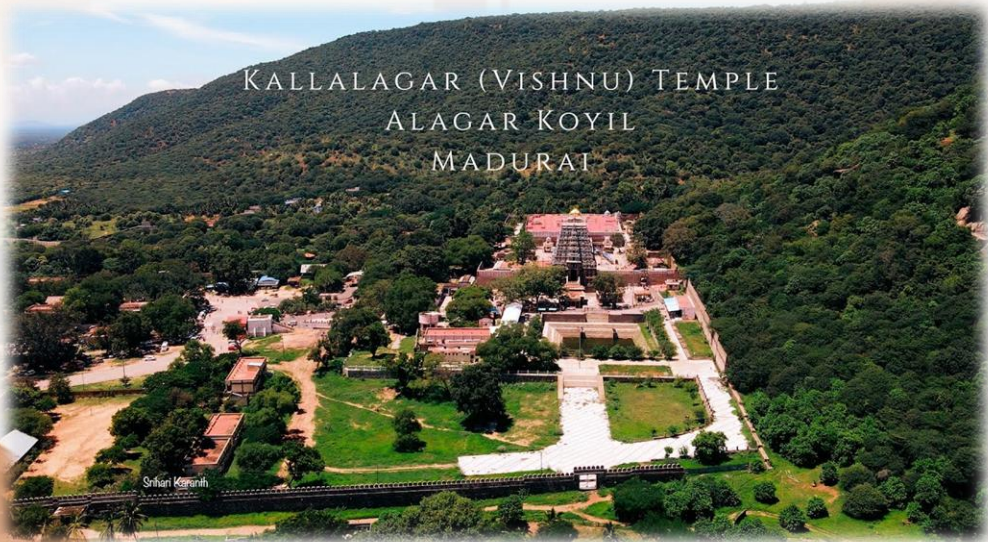
Mangrove boating



Thirupullani (108 divya desam)



Attractions near by
Meenakshi Amman Temple



Pirappanvalasai beach, Erwadi dargha, Nainarkoil, Peruvayal Murugan temple and much more...

Few accommodations near venue...

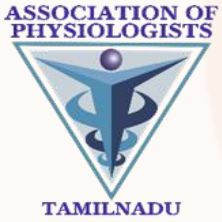
Hotel	Tariff from	Contact no.	Distance
Aiswarya Kings inn	Rs. 1900 + tax	8220671681	1.7 KM
Alfalah Residency	Rs. 1700 + tax	8144943333	1.2 KM
Awinco International	Rs. 2400 + tax	6385224527 9047010997	1.2 KM
Coral Residency	Rs. 2300 + tax	9489925191 9489925192	2.8 KM
Garish Park	Rs. 1600+ tax	9486030048 9486865000	2.1 KM
Haditi (H2) Residency	Rs. 1600 + tax	7092118111 8610996527	2.3 KM
Nestlay Rooms	Rs. 2000 + tax	8925512394	2.1 KM
RR Grand	Rs. 3000 + tax	9962099273 9566698668	1.1 KM
Rupee Sky Palace	Rs. 800 + tax	9791420796 9489969506	1.3 KM
Viceroy Residency Manor	Rs. 2500 + tax	9578682222	1.4 KM

How to reach Ramanathapuram..?

- **Bus** – Every fifteen minutes – Madurai to Ramanathapuram - 120 kms
- **Train**- Direct to Ramanathapuram available. (any train going to Rameshwaram goes via Ramanathapuram)
- **Airport** – Nearest Madurai

<https://maps.app.goo.gl/6pqDWgtnXbGXgCKTA>





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