

Department of Physiology
Chettinad Hospital and Research Institute

Under the aegis of

**The Association of Physiologists of
Tamilnadu**

Proudly presents

CHETPIPS-2025

**"Postgraduate Integrated
Practical Series"**

8-10

**MAY
2025**

🕒 08.30 AM – 04.30 PM

📍 Chettinad Hospital and
Research Institute



WARM GREETINGS TO ALL!



Department of Physiology, Chettinad Hospital and Research Institute under the Aegis of Association of Physiologists of Tamil Nadu is conducting a three-day intensive Postgraduate Integrated Practical Series **"CHET-PIPS 2025"** with an impetus of Mastering Practical Physiology

This interactive program is carefully curated to bridge the gap between theory and real-world application, ensuring a deeper understanding of physiological principles through direct experimentation and observation.

Key Areas Covered

- ☒ Haematology Experiments – Learn essential blood counts and tests that are routinely done for patient care.
- ☒ Animal Experiments – Explore physiological responses through ethical and guided experiments, offering insights into mammalian and amphibian functions.
- ☒ Human Examinations & Recordings – Gain insights into clinical assessments and attain hands-on experience of recording biopotential signals.
- ☒ Medical Education & Pedagogical Principles – Develop a deeper understanding of teaching strategies in physiology, incorporating innovative tools and techniques for effective learning.

Led by Expert Faculty

Our program is designed and conducted by experienced professionals, ensuring you receive high-quality training that integrates theoretical knowledge with practical expertise.

Don't miss this unique opportunity to elevate your understanding of physiology through immersive learning. Join us for an enriching experience that will sharpen your skills and deepen your knowledge!

ORGANIZING COMMITTEE



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Dr. Manjula Devi. E	Dr. Nikitha S Kumar
Dr. Mithun Chandhar. A	Dr. Sowbarni. K
Dr. Raveena. Y	

PROGRAM SCHEDULE



DAY-1
08 MAY, 2025

Time	Topic	Speaker
08:30 AM to 09:00 AM	Registration and pre-test	
09:00 AM to 10:00 AM	Life in Red: Minor but Vital Blood Tests	Dr. S. Brinda Professor of Physiology, CHRI
10:00 AM to 10:30 AM	Inaugural Function	
10:30 AM to 10:45 AM	Tea break	
10:45 AM to 12:45 PM	Blood Cells – The Microscopic Engines of Survival	Dr. D. Celine Professor & Head of Physiology, Government Medical College, Chengalpattu
12:45 PM to 01:30 PM	Lunch	
01:30 PM to 02:30 PM	Engineered essence of Mammalian Physiology	Dr. Prem Balaguru Asso. Professor of Physiology, Government Medical College, Ramanathapuram
02:30 PM to 04:00 PM	Physiological cross-signals: Human Vs Amphibian	Dr. Precilla Catherine. A Professor & Head of Physiology, Government Thiruvannamalai Medical College.
04:00 PM to 04:20 PM	Assessment on Day 1	Dr. Dheebika S.D Sr. Resident, Physiology, CHRI
04:20 PM to 04:30 PM	Tea break and closure of Day 1	

DAY-2
09 MAY, 2025

Time	Topic	Speaker
08:30 AM to 10:00 AM	Eat, breathe, circulate: The Clinical examination	Dr. Sanjay Andrew R Professor of Physiology, CHRI
10:00 AM to 10:15 AM	Tea break	
10:15 AM to 12:00 PM	Power of Pathways: The Clinical examination	Dr. P.R. Devaki Professor & Head of Physiology, Sree Balaji Medical College, Chennai Dr. Rajam Krishna S Professor of Physiology, CHRI
12:00 PM to 01:15 PM	Unveiling the human blueprint	Dr. Anbarasi M Professor & Head of Physiology, CHRI
01:15 PM to 02:00 PM	Lunch	

02:00 PM to 04:00 PM	Demonstration of Major Human Experiments (Parallel Small Group Sessions)			
	Evoked potentials Dr. Anbarasi M Professor, CHRI	Autonomic function tests Dr. Sheena A Professor, CHRI	Motor and Somatosensory evoked potentials Dr. Vineetha V Senior Resident CHRI	Nerve conduction tests and EMG Dr. Dheebika SD Senior Resident, CHRI
04:00 PM to 04:20 PM	Assessment on Day 2			Dr. Vineetha V Senior Resident, CHRI
04:20 Pm to 04:30 PM	Tea break and closure of Day 2			

DAY-3
10 MAY, 2025

Time	Topic	Speaker
08:30 AM to 09:00 AM	Decoding the human blueprint	Dr. K.N. Maruthy Professor of Physiology, PES Medical College, Andhra Pradesh
09:00 AM to 10:45 AM	Demonstration of major Human Experiments (Parallel Small Group Sessions)	
	Perimetry Spirometry Dr. Brinda S Professor, CHRI	Mosso's Ergography, Handgrip dynamometer Bicycle ergometer Dr. Jawahar George Assistant Professor, CHRI
		ECG Audiovisual reaction time Stethography Dr. K.N. Maruthy Professor, PES Medical College
10:45 AM to 11:00 AM	Tea break	
11:00 AM to 12:00 PM	Birthwave : Tracing the rhythms of reproductive physiology	Dr. Puvithra T Senior Consultant Fertility Specialist, CHRI
12:00 PM to 01:00 PM	Learn to Teach: Pedagogical methods in Medical Education	Dr. Dilara K Professor of Physiology, PSP Medical College & Research Institute, Kancheepuram
01:00 PM to 01:45 PM	Lunch	
01:45 PM to 03:15 PM	Innovations in Clinical Research: Exploring Indigenous Devices and Their Impact	Dr. K.N. Maruthy Professor, PES Medical College
03:15 PM to 03:35 PM	Assessment on Day 3 (Post Test)	Dr. Jawahar George Assistant Professor, CHRI
03:35 PM to 04:00 PM	Valedictory function and Vote of thanks	
04:00 PM to 04:15 PM	Tea break and Closure of the Program	

REGISTRATION DETAILS



Faculty & Postgraduates		Amount in INR
	APT Members	2000
	Non-APT Members	2500

[Click here to register](#)



Important dates to remember!

Dates of the Workshop: 08.05.25 to 10.05.25

Last date of registration - 30.04.2025

For any other queries related to registration, kindly contact:

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