



12th Annual Conference of
the Association of Physiologists of India

ASSOPICON

UDAIPUR 2026



OCTOBER 6 - 9, 2026



Venue : Geetanjali Medical College & Hospital, Udaipur

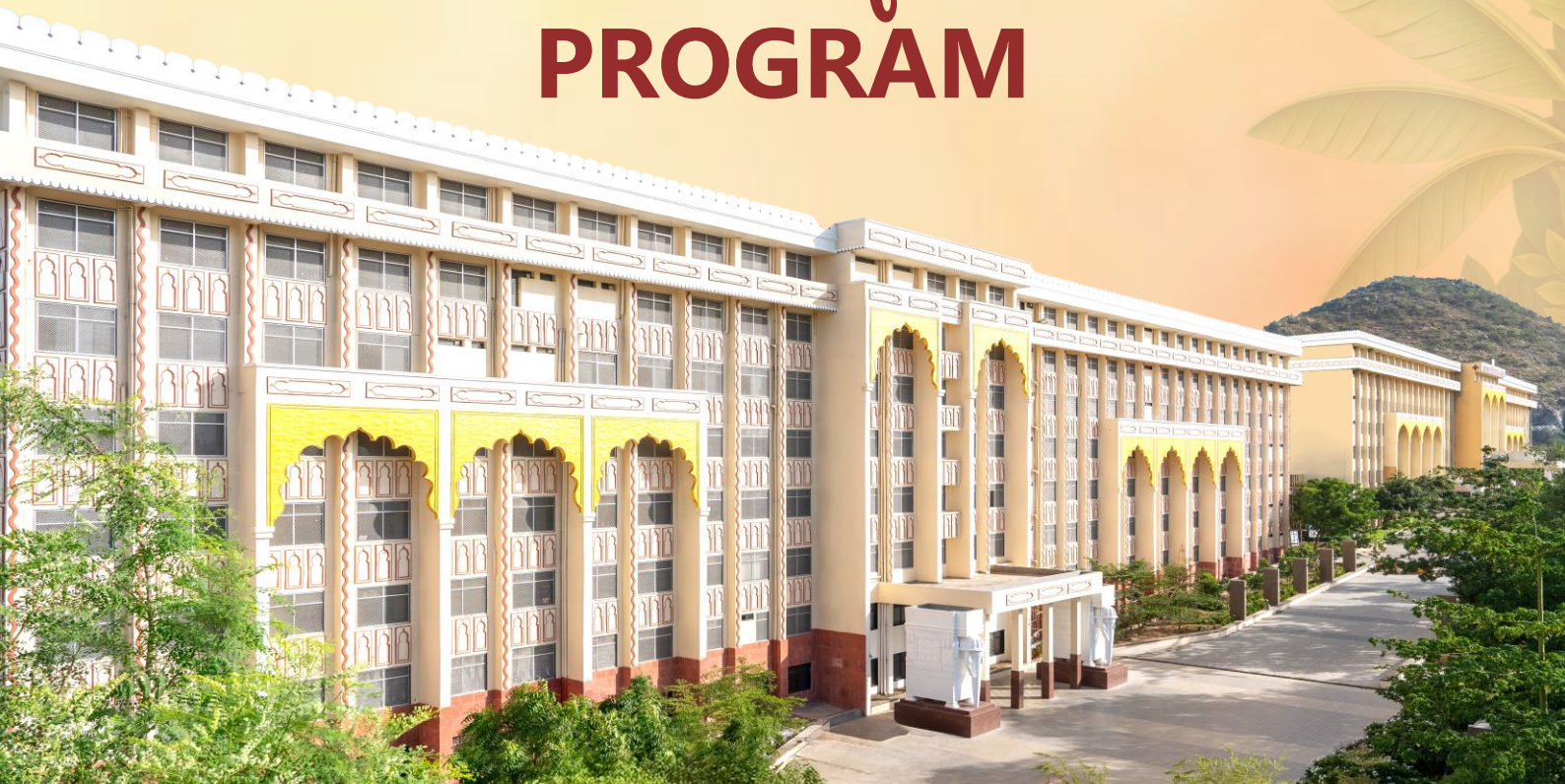
Theme

Physiology Across the Spectrum :
Molecules, Medicine and Mind-Body Health

✧ Organized By ✧

Department of Physiology,
Geetanjali Medical College & Hospital, Geetanjali University,
Udaipur and Association of Physiologists of Rajasthan
(State Chapter of ASSOPI)

Scientific PROGRAM



PRE-CONFERENCE WORKSHOP PROGRAMME

Tuesday, 6th October 2026

(Morning Sessions: 9:00 AM to 01:00 PM | Evening Sessions: 02:00 PM to 06:00 PM)

07:30 AM onwards	REGISTRATION FOR PRE CONFERENCE WORKSHOP			
08:00 AM to 09:00 AM	BREAKFAST			
09:00 AM to 01:00 PM	MORNING SESSIONS			
Workshop 1 Research Methodology (9 AM to 6 PM)	Workshop 2 Exercise Physiology (09:00 AM – 01:00 PM)	Workshop 3 Andrology (09:00 AM – 01:00 PM)	Workshop 4 Mapping Mind- Body Constitution (09:00 AM – 01:00 PM)	Workshop 5 Forced Oscillatory Technique (FOT) (09:00 AM – 01:00 PM)
Dr. Abhinav Dixit Professor & Head, Dept. of Physiology, AIIMS, Jodhpur Dr. Om Lata Bhagat Professor, Dept. of Physiology, AIIMS, Jodhpur Dr. Prasunpriya Nayak Professor, Dept. of Physiology, AIIMS, Jodhpur Dr. Manjinder Kaur Professor & Head, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur	Dr. Hanjabam Barun Sharma Professor, Dept. of Physiology, IMS, BHU, Varanasi Dr. Gagan Kumar Banodhe Professor, Dept. of Physiology, AIIMS, Patna Dr. Meghshyam Sharma Professor & Head, Dept. of Physiology, RNT, Udaipur Dr. Naren Kurmi Professor, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur Dr. Urmila Choudhary Professor, Dept. of Physiology RNT, Udaipur	Dr. Satish Dipankar Additional Professor & Head, AIIMS, Manglagiri Dr. Santosh Bokre Associate Professor & Head, AIIMS, Manglagiri Dr. Pooja Gandhi Consultant Fertility, Center, Geetanjali Medical College & Hospital, Udaipur Dr. Khushboo Shrimali: Assistant Professor, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur	Dr. Rajkumar Yadav Professor, Dept. of Physiology, AIIMS, Delhi Dr. Vivek Sharma Professor, Dept. of Physiology, AIIMS, Rajkot Dr. Varun Malhotra Professor Dept. of Physiology, AIIMS, Bhopal Dr. Prafull K Additional Professor, Dept. of Physiology, AIIMS, Bibinagar Dr. Vandana Daulatabad Associate Professor, Dept. of Physiology, AIIMS, Bibinagar Dr. Priyal Joshi Assistant Professor, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur	Dr. Mrunal Phatak Professor & Head, Dept. of Physiology, AIIMS, Nagpur Dr. Gaurav Chhabra Professor & Head, Dept. of Respiratory Medicine, GMCH Dr. Smita R Sorte Additional Professor, Dept. of Physiology, AIIMS, Nagpur Dr. Sachin B Rathod: Associate Professor, Dept. of Physiology, AIIMS, Nagpur Mrs. Sonia Pipliwal Demonstrator, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur
College Council Room, Geetanjali Medical College and Hospital, Udaipur	Dept. of Physiology, RNT Medical College, Udaipur	Fertility Center, Geetanjali Medical College and Hospital, Udaipur	Yoga Lab, Department of Physiology, Geetanjali Medical College and Hospital, Udaipur	Department of Respiratory Medicine, Geetanjali Medical College and Hospital, Udaipur
11:00 AM to 11:15 AM	TEA			
01:00 PM to 02:00 PM	LEISURE LUNCH			
12:00 PM onwards	REGISTRATION FOR PRE- CONFERENCE WORKSHOP			
02:00 AM to 06:00 PM	EVENING SESSIONS			
Workshop 6 Lifestyle Medicine (02:00 PM – 05:00 PM)	Workshop 7 Autonomic Function Tests (02:00 PM – 05:00 PM)	Workshop 3 Scenario Based Cognitive Assessment MCQ: Key Feature Test and Script Concordance Tests (02:00 PM – 05:00 PM)	Workshop 4 Ai in Medical Education and Research (02:00 PM – 05:00 PM)	Workshop 5 From Root Cause to Excellence: Applying Continuous Quality Improvement (CQI) (02:00 PM – 05:00 PM)
Dr. Mrunal Phatak Professor & Head, Dept. of Physiology, AIIMS Nagpur Dr. Anagha Sahasrabuddhe Associate Professor, Dept. of Physiology, AIIMS, Nagpur Dr. Ashlesh Patil Additional Professor, Dept. of Physiology, AIIMS, Nagpur Dr. Usha M. Kumar Associate Professor, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur	Dr. Anish Singhal Associate Professor, Physiology, AIIMS Bibinagar, Hyderabad Dr. Vibha Gangwar Additional Professor, Dept. of Physiology, RMLIMS, Lucknow Dr. Ayushi Parmar JR, Dept. of Physiology, AIIMS, Rajkot Dr. Muppavaram Pranay Assistant Professor, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur	Dr. Anupinder Thind Assistant Professor, Dept. of Physiology, AIIMS, Bathinda Dr. Preeti Jain Director Professor, Dept. of Physiology, MAMC, New Delhi Dr. Latika Nath Sinha Associate Professor, Dept. of Community Medicine, GMC Pali Dr. Medha Mathur Professor, Dept. of Community Medicine, Geetanjali Medical College & Hospital, Udaipur	Dr. Neeraj Mahajan Associate Professor, Dept. of Physiology, NHLMMC, Ahmedabad Dr. Shaista Saiyad Associate Professor, Dept. of Physiology, NHLMMC, Ahmedabad Dr. Nalini Sharma Professor, Dept. of Obstetrics & Gynaecology, Geetanjali Medical College & Hospital, Udaipur Dr. Sumeet Gill PG Resident, Dept. of Physiology, Geetanjali Medical College & Hospital, Udaipur	Dr. Madhulika Monga Director Professor, Dept. of Physiology, Lady Hardinge Medical College, New Delhi Dr. R. Rajalakshmi Additional Professor, JIPMER Puducherry Dr. Ketaki Poorey Professor, GIMS, Jaipur
MEU Hall, 4th Floor, Geetanjali Medical College, Udaipur	Demo Room 2, Dept. of Physiology, Geetanjali Medical College, Udaipur	Demo Room 1, Dept. of Physiology, Geetanjali Medical College, Udaipur	Conference Hall, 2nd Floor, Geetanjali University, Udaipur	Demo Room Skills Training Lab, 2nd Floor, Geetanjali Medical College, Udaipur
06:00 PM to 07:00 PM	Executive Body Meeting: College Council Room, Geetanjali Medical College and Hospital, Udaipur			

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on

FORCED OSCILLATION TECHNIQUE (FOT)

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Mrunal Phatak

Professor and Head,
Department of Physiology
AIIMS, Nagpur



Dr. Gaurav Chhabra

Professor and Head,
Department of Respiratory
Medicine, Geetanjali Medical
College and Hospital



Dr. Smita R Sorte

Additional Professor,
Department of Physiology
AIIMS, Nagpur



Dr. Sachin B Rathod

Associate Professor,
Department of Physiology
AIIMS, Nagpur



Ms. Soniya Pipliwal

Sr. Demonstrator,
Department of Physiology,
GMCH, Udaipur

PROGRAMME SCHEDULE

Time	Session	Content	Faculty
08:30 AM-09:00 AM	Registration, Pretest and Breakfast	Participant registration, workshop kit distribution and Pretest	Ms. Soniya Pipliwal
09:30 AM-09:15 AM	Inauguration of Workshop		
09:15 AM-09:30 AM	Session 1: Introduction to FOT	Welcome, workshop objectives, Why FOT? Advantages Over Conventional PFT/Spirometry, introduction to FOT	Dr. Sachin B Rathod
09:30 AM-10:10 AM	Session 2: Principle of FOT and its parameters	History of FOT, Difference in IOS and FOT Physics of FOT: Oscillatory Pressure Waves, Tidal Breathing, Respiratory Impedance, Resistance and Reactance, Parameters-R5, R20, R5-R20, X5, AX, Fres and clinical meaning	Dr. Smita Sorte
10:10 AM-10:40 AM	Session 3: Methodology of FOT Recording, Quality Control and Artefacts	Patient preparation, posture, mouthpiece seal and cheek support, Device setup, calibration check, subject positioning, actual recording and repeatability, Acceptability, repeatability, cough, leak, swallowing, irregular breathing and poor-quality traces	Dr. Sachin B Rathod
10:40 AM-10:50 AM	Session 4: Interpretation of FOT Reports	Normal pattern, obstructive pattern, small airway dysfunction and bronchodilator responses	Dr. Gaurav Chhabra
10:50 AM-11:00 AM	Session 5: Research discussion	Discussion on research applications of FOT and scope for future collaborative studies	Dr. Sachin B Rathod
11:00 AM-11:15 AM	Tea Break		
11:15 AM-12:45 PM	Session 6: Hands-on training & Post-test	Demonstration of FOT recording; participant wise hands-on practice; supervised actual recording of FOT; interpretation of recorded traces; post-test	Dr. Mrunal Phatak Dr. Gaurav Chhabra Dr. Smita Sorte Dr. Sachin B Rathod
12:45 PM-01:00 PM	Valedictory	Feedback, certificate distribution and concluding remarks	Ms. Soniya Pipliwal

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on ANDROLOGY

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Satish Dipankar

Additional Professor
& Head, Physiology Dept.
AIIMS, Mangalagiri



Dr. Santosh Bokre

Associate Professor,
Physiology Department,
AIIMS, Mangalagiri



Dr. Pooja Gandhi

Consultant IVF, Geetanjali
Fertility Center,
GMCH, Udaipur



Dr. Khushboo Shrimali

Assistant Professor,
Dept. Of Physiology,
Gmch, Udaipur

PROGRAMME SCHEDULE

Time	Topic	Faculty
08:30 AM	Registration and Breakfast	
09:00 AM-09:15 AM	Inauguration of Workshop	
09:15 AM-10:00 AM	History taking of male sexual dysfunction	Dr. Santosh Bokre
10:00 AM-11:00 AM	WHO based Semen analysis & sperm wash methods	Dr. Satish Dipankar
11:00 AM-11:15 AM	Tea break	
11:15 AM-12:00 PM	Hands on in lab	Dr. Satish Dipankar, Dr. Pooja Gandhi & Dr. Khushboo Shrimali
12:00 PM-12:45 PM	Hands on in lab	Dr. Satish Dipankar, Dr. Pooja Gandhi & Dr. Khushboo Shrimali
12:45 PM-01:00 PM	Valedictory and Lunch	



Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on EXERCISE PHYSIOLOGY

Date: 6th October, 2026 | Venue: Dept. Of Physiology, RNT Medical College, Udaipur



Dr. Hanjabam Barun Sharma

General Secretary, Indian Society of Sports & Exercise Medicine (ISSEM); Sports - Exercise Medicine & Sciences: (Health & Physiological Medicine: Clinical & Interventional Physiology) Lifestyle & Performance Medicine Lab, Dept. of Physiology, IMS, BHU, Varanasi (U.P.), India



Dr. Gagan Kumar Banodhe

Treasurer, Indian Society of Sports & Exercise Medicine (ISSEM) Dept. of Physiology, AIIMS, Patna (Bihar), India



Dr. Naren Kurmi

Dept. of Physiology, GMCH, Udaipur (Organizing secretary, ASSOPICON2026)



Dr. Meghshyam Sharma

Senior Professor and Head, Dept. of Physiology, RNT Medical College, Udaipur



Dr. Urmila Choudhary

Professor, Dept. of Physiology, RNT Medical College, Udaipur Joint secretary, Association of Physiologists of (Rajasthan State Chapter of ASSOPICON)

PROGRAMME SCHEDULE

Time	Topic	Faculty
08:30 AM	Registration and Breakfast	
09:00 AM-09:15 AM	Inauguration of Workshop	
09:15 AM-10:00 AM	Exercise Physiology: (a) Performance Aspects and (b) Clinical & Interventional Aspects (Physical Fitness, Principles of Exercise Training & Prescription, Risk Benefit Optimization, Load Management, and Musculotendinous Medicine)	Dr. Hanjabam Barun Sharma
10:00 AM-11:00 AM	Cardiopulmonary Exercise Testing, Clinical Exercise Prescription: (a) General Populations and (b) Clinical Populations (diabetes & hypertension etc).	Dr. Gagan Kumar Banodhe
11:00 AM-11:15 AM	Tea Break	
11:15 AM-12:00 PM	Hands on in lab: CPET (Cardiopulmonary Exercise Testing)	Dr. Urmila Chaudhary, Dr. Gagan Kumar Banodhe & Team
12:00 PM-12:45 PM	Hands on in lab: Physical Fitness Testing (Muscular Fitness) and Clinical Exercise Physiology (Exercise Prescription: Case Study)	Dr. Hanjabam Barun Sharma & Team
12:45 PM-01:00 PM	Valedictory and Lunch	

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on RESEARCH METHODOLOGY in Physiology Research

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Om Lata Bhagat

Professor,
Department of Physiology,
AIIMS, Jodhpur



Dr. Abhinav Dixit

Professor and Head,
Department of Physiology,
AIIMS, Jodhpur



Dr. Prasunpriya Nayak

Professor,
Department of Physiology,
AIIMS, Jodhpur



Dr. Manjinder Kaur

Additional Principal, Professor and Head,
Dept. of Physiology, GMCH, Udaipur,
President, Association of
Physiologists of Rajasthan

PROGRAMME SCHEDULE

TIME	TOPIC	FACULTY
8:30 AM	Registration and Breakfast	
09:00 AM-09:15 AM	Inauguration of workshop Followed by Pretest	
09:15 AM-09:45 AM	The need for knowledge on research methodology, Research Process, Types of research in Physiology, tools and techniques we use.	Dr. Manjinder Kaur
09:45 AM-10:15 AM	Searching and Review of Literature, formulating research problem and developing Hypothesis	Dr. Om Lata Bhagat
10:15 AM-11:00 AM	Hands-On	
11:00 AM-11:15 AM	Tea break	
11:15 AM-11:45 AM	Study design and sample size requirement	Dr. Prasunpriya Nayak
11:45 AM-12:15 PM	Essentials of Data collection, Data management & Data analysis	Dr. Om Lata Bhagat
12:15 PM-12:45 PM	Hands-On	
12:45 PM-01:15 PM	Lunch	
01:15 PM-02:00 PM	Hands on – followed by small group presentation	
02:00 PM-02:30 PM	Research and Publication Ethics	Dr. Abhinav Dixit
02:30 PM-03:00 PM	How to write Scientific paper and get published	Dr. Prasunpriya Nayak
03:00 PM-04:00 PM	Hands on exercise	
04:00 PM-04:15 PM	Tea break	
04:15 PM-04:45 PM	How to review manuscripts	Dr. Abhinav Dixit
04:45 PM-05:30 PM	Hands on exercise followed by post-test	
05:30 PM-06:00 PM	Sum-up and Valedictory	Dr. Manjinder Kaur

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on

SCENARIO BASED COGNITIVE ASSESSMENT BY MCQ: KEY FEATURE, TEST AND SCRIPT CONCORDANCE TESTS

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Anupinder Thind

MD Physiology, CMCL
Fellow FAIMER, Assistant Professor
Department of Physiology
All India Institute of Medical
Sciences, Bathinda



Dr. Medha Mathur

Pofessor
Community Medicine
GMCH, Udaipur
FAIMER Fellow



Dr. Preeti Jain

MBBS, MD, DNB, MNAMS
Director Professor
Department of Physiology
Maulana Azad Medical
College, New Delhi



Dr. Latika Nath Sinha

MBBS, DCH (Diploma in Child Health)
MD (Community Medicine)
MPH (Master of Public Health)
CMCL Fellow FAIMER, Associate Professor
Community Medicine Govt. Medical College
Pali, Rajasthan

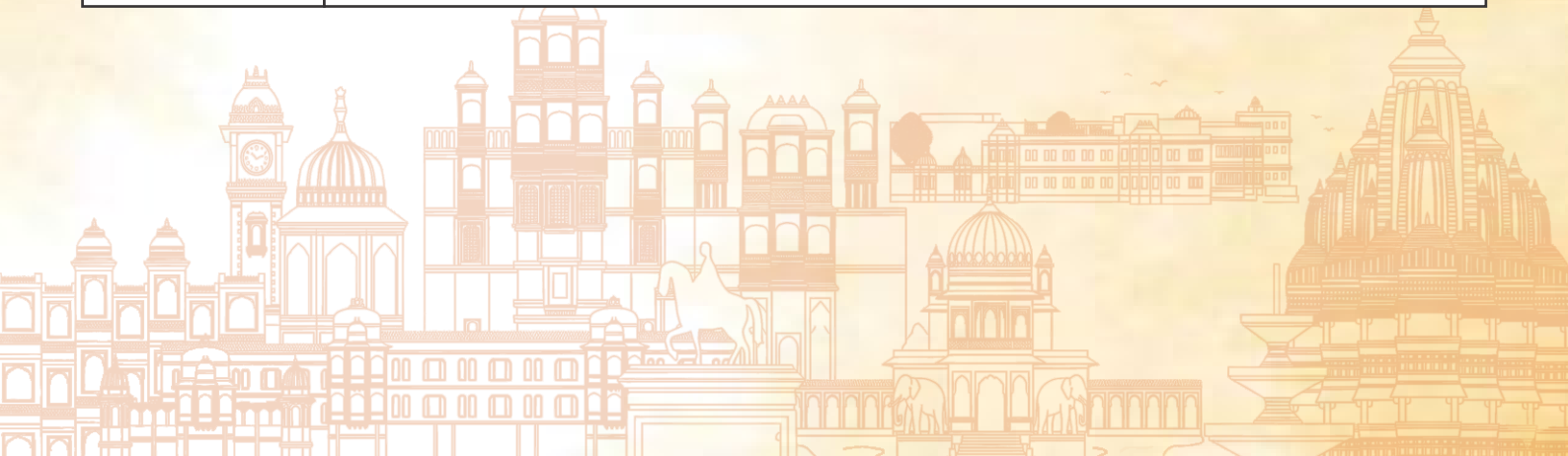


Dr. Muppavaram Pranay

Assistant Professor
Dept. of Physiology
Geetanjali Medical College
and Hospital, Udaipur

PROGRAMME SCHEDULE

Time	Topic	Faculty
01:30 PM-02:00 PM	Registration followed by Lunch	
02:00 PM-02:15 PM	Inauguration of workshop	
02:15 PM-02:20 PM	Scenario Based Assessments	Dr. Medha Mathur
02:20 PM-02:45 PM	Designing Scenario Based MCQs	Dr. Preeti Jain
02:45 PM-03:00 PM	Hands-on Training in SBMCQs: Group Activity	All Faculty
03:00 PM-03:30 PM	Tea Break	
03:30 PM-04:00 PM	Designing Key Feature Tests (KFTs)	Dr. Latika Nath Sinha
04:00 PM-04:30 PM	Hands-on Training in KFTs: Group Activity	All Faculty
04:30 PM-05:00 PM	Designing Script Concordance Tests (SCTs)	Dr. Anupinder Thind
05:00 PM-05:30 PM	Hands-on Training in SCTs: Group Activity	All Faculty
05:30 PM-06:00 PM	Discussion & Feedback	



Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on AI IN MEDICAL EDUCATION AND RESEARCH

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Neeraj Mahajan

M.B.B.S., M.D., D.N.B., ACME (CMCL), FAIMER
Associate Professor (Physiology)
Convener NMC, Nodal Centre
NHLMMC, Ahmedabad



Dr. Shaista Saiyad

MD, Ph.D., ACME, FAIMER
Associate Professor
Dept. of Physiology, Smt. NHL
Municipal Medical College, Ahmedabad



Dr. Nalini Sharma

M.B.B.S., M.S., FAIMER
Professor (Obstetrics & Gynaecology)
Focus on Simulation-Based
Medical Education & AI in Healthcare
GMCH, Udaipur



Dr. Sumeet Gill

Demonstrator Physiology
Geetanjali Medical College and
Hospital, Udaipur

PROGRAMME SCHEDULE

Time	Topic	Faculty
01:30 PM	Registration followed by Lunch	
02:00 PM-02:15 PM	Inauguration of workshop	
02:15 PM-03:00 PM	Advance prompting & Integrated NEET based MCQs	Dr. Neeraj R Mahajan & Dr. Nalini Sharma
03:00 PM-04:00 PM	Hands on - Integrated NEET based MCQs	Dr. Neeraj R Mahajan & Dr. Nalini Sharma
04:00 PM-04:15 PM	Tea Break	
04:15 PM-04:50 PM	Hands on - Claude - Artifact - AI magic - Transform curriculum into effective interactive learning apps	Dr. Shaista Saiyad
04:50 PM-05:30 PM	Hands on - Notebook LLM- Elevate teaching and research by crafting smart effective engaging theme based presentations	Dr. Shaista Saiyad
05:30 PM-05:45 PM	Debate/Group Discussion - Ethical Use of AI	Dr. Shaista Saiyad & Dr. Neeraj R Mahajan
05:45 PM-06:00 PM	Valedictory	



Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on

LIFESTYLE MEDICINE

Evidence-Based Lifestyle Medicine: From Physiology to Clinical Practice

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Mrunal Phatak

Professor and Head,
Dept. of Physiology,
AIIMS Nagpur



Dr. Prathamesh Kamble

Additional Professor,
Dept. of Physiology,
AIIMS Nagpur



Dr. Anagha Sahasrabudhe

Associate Professor,
Dept. of Physiology,
AIIMS Nagpur



Dr. Ashlesh Patil

Additional Professor,
Dept. of Physiology,
AIIMS Nagpur



Dr. Usha M Kumar

Associate Professor
Dept. of Physiology,
Geetanjali Medical College
and Hospital, Udaipur

PROGRAMME SCHEDULE

TIME	SESSION	CONTENT	FACULTY
02:00 PM-02:10 PM	Registration & Pre-test	Participant Registration and Pre-test, Welcome and Workshop Objectives.	Organizing Team
02:10 PM-02:40 PM	Session 1: Introduction to Lifestyle Medicine & Nutrition	The six pillars of Lifestyle Medicine; the evidence base; the basics of the Transtheoretical Model (the stages of change), Whole-food, Plant-predominant Nutrition and Dietary Assessment	Dr. Mrunal Phatak
02:40 PM-03:10 PM	Session 2: Physical Fitness	Assessment of Physical Fitness & Exercise Prescription	Dr. Prathamesh Kamble
03:10 PM-03:40 PM		Activity	Dr. Priyal & Dr. Rushikesh
03:40 PM-04:00 PM	Tea Break		
04:20 PM-04:50 PM	Session 3: Sleep	Sleep Assessment & Sleep Hygiene	Dr. Anagha Sahasrabudhe
04:50 PM-05:00 PM	Session 4: Stress Management	Stress Physiology, Stress Assessment & Management.	Dr. Ashlesh Patil
04:50 PM-05:00 PM	Post-test & Feedback	Pre-test, Feedback and Concluding Remarks.	Organizing Team



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UDAIPUR 2026



Organized by Department of Physiology,
Geetanjali Medical College & Hospital, Geetanjali
University, Udaipur and Association of Physiologists
of Rajasthan (State Chapter of ASSOPICON)

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on

CONTINUOUS QUALITY IMPROVEMENT (CQI)

From Root Cause To Excellence

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Madhulika Monga

Director Professor, Physiology
MD Physiology, FAIMER (GMSC-FRI),
Lady Hardinge Medical
College, New Delhi



Dr. R Rajalakshmi

Additional Professor,
MD (Physiology), PGDMLE, M.Sc
(Yoga Therapy), M.Med (Family Medicine),
FAIMER (GSMC-FRI) Jawaharlal Institute of
Postgraduate Medical Education & Research
(JIPMER), Puducherry, India



Dr. Ketaki Poorey

Professor Physiology
MD Physiology, DTCD,
FAIMER (CMCL-FRI) MEU Coordinator,
Academic Officer, Geetanjali Institute
of Medical Sciences, Jaipur

PROGRAMME SCHEDULE

Why Attend?

- ▶ Learn CQI principles and practical tools
- ▶ Identify and solve root causes effectively
- ▶ Improve teaching, assessment and educational processes
- ▶ Develop data-driven improvement strategies
- ▶ Lead sustainable change in medical education

Programme Highlights

- 2:15 PM - Why Quality Matters
- 2:35 PM - CQI Principles & Toolkit
- 3:00 PM - Hands-on: 5 Whys
- 3:45 PM - Hands-on: Fishbone Analysis
- 4:30 PM - Pareto Principle
- 4:45 PM - PDSA Cycle
- 5:00 PM - Hands-on: PDSA
- 5:40 PM - Discussion & Feedback

Interactive Activities:



Case-based
group work



5 Whys
Exercise



Fishbone
(Ishikawa) Analysis



Pareto
Prioritization



Develop and
present a PDSA
Improvement Plan

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on

YOGA EDUCATION

Mapping Mind-Body Constitution:

Yogic Assessment and Integrative Practices using Yoga and Heartfulness

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Rajkumar Yadav

Professor
Department of Physiology,
AIIMS Delhi



Dr. Vivek Sharma

Professor
Department of Physiology,
AIIMS Rajkot



Dr. Varun Malhotra

Professor
Department of Physiology,
AIIMS Bhopal



Dr. Prafull K

Additional Professor
Department of Physiology,
AIIMS Bibinagar, Hyderabad



Dr. Vandana Daulatabad

Associate Professor
Department of Physiology,
AIIMS Bibinagar

PROGRAMME SCHEDULE

SR. NO.	TOPIC	FACULTY
1.	Mind-Body Constitution and Integrative Yoga	Dr. Rajkumar Yadav
2.	Heartfulness Meditation: ▶ Introduction to heartfulness meditation ▶ Relaxation technique ▶ Cleaning technique ▶ Meditation	Dr. Vivek Sharma
3.	Mapping the Mind-Body Constitution: Yogic Assessment for Holistic Wellness: ▶ Participant Engagement Activity	Dr. Vandana S Daulatabad
4.	Role of Sleep & Circadian Rhythm in Mind-Body constitution: ▶ Group Discussion Pods	Dr. Prafull K
5.	Guided Meditation Session: ▶ Opening Prayer ▶ Introduction ▶ Posture Guidance ▶ Chanting ▶ Guided Meditation for Inner Stillness ▶ Visualization Practice ▶ Healing Prayers ▶ Optional Video Segment ▶ Closing Prayer and Expression of Gratitude	Dr. Varun Malhotra

Theme : Physiology Across the Spectrum : Molecules, Medicine and Mind-Body Health

Date : 6th-9th October, 2026 | Venue : Geetanjali Medical College & Hospital, Udaipur

Pre Conference Workshop on AUTONOMIC FUNCTION TESTS (AFT)

Date: 6th October, 2026 | Venue: Geetanjali Medical College and Hospital, Udaipur



Dr. Anish Singhal

Associate Professor,
Physiology,
AIIMS Bibinagar



Dr. Vibha Gangwar

Additional Professor,
Physiology,
RMLIMS, Lucknow



Dr. Ayushi Parmar

Junior Resident,
Physiology,
AIIMS Rajkot

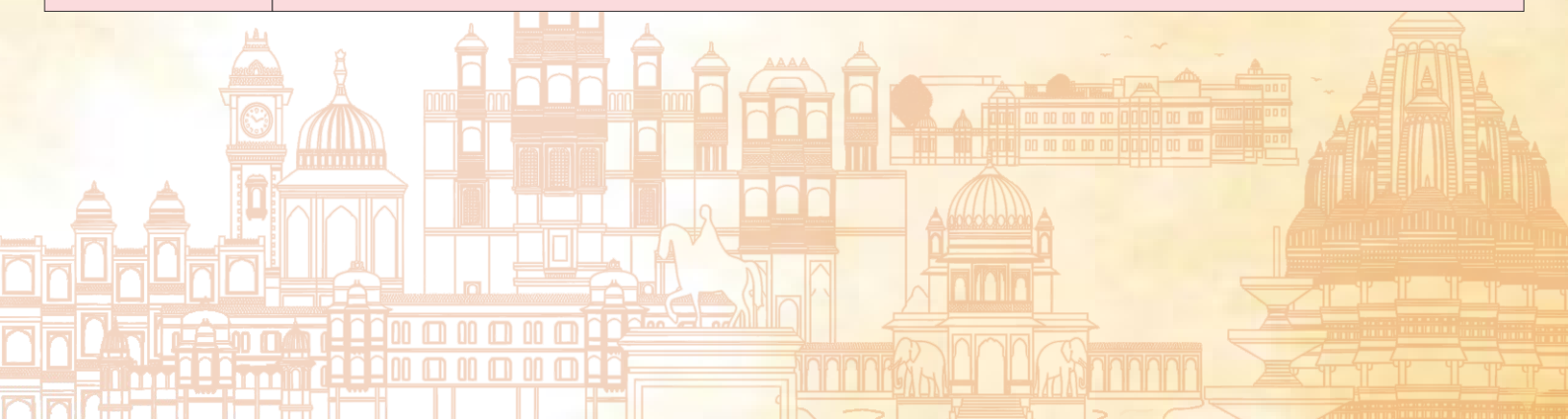
PROGRAMME SCHEDULE

Duration	Topic	Sub-Topics	Presenter
01:30 PM-01:45 PM	Registration		
01:45 PM-02:00 PM	Inauguration		
02:00 PM-02:20 PM	Introduction to Autonomic Function Tests	- Functional anatomy: sympathetic and parasympathetic divisions - Physiological basis of autonomic control - Rationale for autonomic function testing	Dr. Anish Singhal
02:20 PM-02:40 PM	Heart Rate Variability: Principles and Applications	- Time-domain, frequency-domain and non-linear indices - Physiological determinants of HRV - Clinical applications and limitations	
02:40 PM-03:00 PM	Ewing's Battery of Autonomic Function Tests: Methodology	- Parasympathetic tests: heart rate response to deep breathing (E:I ratio), standing (30:15 ratio), and Valsalva maneuver - Sympathetic tests: BP response to standing and sustained handgrip - Standardized procedure, equipment, and precautions for bedside testing	Dr. Ayushi Parmar
03:00 PM-03:30 PM	Interpretation of Autonomic Function Tests	- Ewing's classification and grading of autonomic dysfunction - Clinical correlation - Case-based interpretation exercises	
03:30 PM-04:00 PM	Mind-Body Interventions and Autonomic Function: Insights from Perimenopause	- Yoga-based mind-body interventions and autonomic modulation - Perimenopausal autonomic changes	Dr. Vibha Gangwar
04:00 PM-05:00 PM	Hands-on Session: Performing and Recording Autonomic Function Tests	- Live demonstration: deep breathing, standing and Valsalva heart rate tests - Live demonstration: BP response to standing and sustained handgrip - Small-group hands-on practice on volunteers - Recording, calculating ratios and interpreting results	All Speakers
05:00 PM Onwards	Valedictory		
			Organising Committee

CONFERENCE SCIENTIFIC PROGRAM

DAY 1 (WEDNESDAY, 7th OCTOBER 2026)

DAY 1 (WEDNESDAY, 7th OCTOBER 2026)					
07:30 AM onwards	REGISTRATION				
08:00 AM to 09:00 AM	BREAKFAST				
TIME	TOPIC			EXPERT	
09:00 AM - 09:30 AM	Café Corner 1: Autonomic Function Tests at College Council Room, Ground Floor, Geetanjali Medical College and Hospital, Udaipur (Maximum Participants 20)			Dr. Anish Singhal Associate Professor, Physiology, AIIMS Bibinagar, Hyderabad	
	Café Corner 2: Pulmonary Function Tests at Departmental Library, Department of Physiology, 2nd Floor, Geetanjali Medical College (Maximum Participants 20)			Dr. Rishi Sharma Professor , Dept of Respiratory Medicine, Geetanjali Medical College & Hospital , Udaipur Dr. Prafull K, Additional Professor, Dept. of Physiology, AIIMS, Bibinagar	
	Café Corner 3: Lifestyle Medicine at MEU Hall, 4th floor, Geetanjali Medical College (Maximum Participants 20)			Dr. Mrunal Phatak Professor and Head, Dept. of Physiology, AIIMS, Nagpur	
	HALL A (Late Smt. Narmada Devi Auditorium, Geetanjali University)		HALL B (Lecture Theatre 1, First Floor, Geetanjali Medical College, Geetanjali University)		OTHER ACITIVITIES
TIME	PARTICULARS	SPEAKER	PARTICULARS	SPEAKER	
	Symposium 1: Mind Body Medicine: Exploring Consciousness, Autonomic Functions and Human Health		Symposium 2: Meeting Patients Where They Are: The Transtheoretical Model in Lifestyle Medicine (Case Based)		
09:30 AM - 11:00 AM	Brain Mapping and Human Consciousness: An Integrative Approach of Yogic Signature	Dr. Rajkumar Yadav Professor, Dept. of Physiology, AIIMS, Delhi	Introduction to Lifestyle Medicine	Dr Rajeshwari L Professor, Dept. of Physiology, JSS Mysuru	PG Quiz Preliminary Round Round 1 of PG Quiz at Computer Lab, 4th Floor, Central Library, Geetanjali Medical College Building
	Beyond Relaxation: A Physiological and Contemplative Framework for Mind Body Integration, Metabolic Health and Human Potential	Dr. Varun Malhotra Professor Dept. of Physiology, AIIMS, Bhopal	Theories of Behaviour Changes & Transtheoretical Model	Dr. Mrunal Phatak Professor and Head, Dept. of Physiology, AIIMS, Nagpur	
	Appraisal of Transcendental Meditation on Cognitive and Psychological Health	Dr. Prafull K, Additional Professor, Dept. of Physiology, AIIMS, Bibinagar	The Transtheoretical Model: Stages of Change	Dr. Sachin B Rathod Associate Professor, Dept. of Physiology, AIIMS, Nagpur	
	Physiological Resonance During Heartfulness Meditation: A Pilot Study of Interpersonal Autonomic Synchrony	Dr. Vandana S Daulatabad Associate Professor, Dept. of Physiology, AIIMS, Bibinagar	Motivational Interviewing	Dr. Ashlesh Patil Additional Professor, Dept. of Physiology, AIIMS, Nagpur	Award Paper Presentation (Faculty) Hall C at College Council Room, Ground Floor, Geetanjali Medical College and Hospital, Udaipur
			Exercise as Medicine for Childhood Obesity: Translating Exercise Physiology into Lifestyle Medicine	Dr. Prateek Srivastav Assistant Professor Selection Grade Manipal College of Health Professions, Manipal Academy of Higher Education	
11:00 AM - 11:15 AM	TEA- BREAK				



	Panel Discussion 1		Symposium 3: Decoding Yoga, Physiological, Neurobiological and Clinical Dimensions		
11:15 AM - 12:30 PM	Topic: Lifestyle Diseases: Are We Teaching Physiology but Ignoring Real Physiology?	Moderator: Dr. Richa Ghay Thamman, Professor, Dept. of Physiology, SGRD Medical College, Amritsar Panelists: Dr. Latika Mohan Dr. Pravati Pal Dr. Tribhuwan Kumar Dr. Mrunal Phatak	Yoga, Exercise & Technology: A Triadic Approach to Optimizing Autonomic & Cognitive Function	Dr. Varun Malhotra Professor, Dept. of Physiology, AIIMS, Bhopal	Award Paper Presentation (Faculty) Hall C at College Council Room, Ground Floor, Geetanjali Medical College and Hospital, Udaipur
			Heart–Brain Axis Modulation Through Chandra Namaskar: Acute Effect on Cardiac Autonomic Regulation	Dr. Seema Singh Professor & Head, Department of Physiology, ELMC & H., Lucknow	
			Physiological and Neurobiological Basis of Yoga: Bridging Ancient Practices with Modern Science	Dr. Divya Srivastava Professor & Head, Department of Physiology, SN Medical College, Agra	
			Impact of yogic practices and Heartfulness meditation on stress, autonomic functions and cardiovascular parameters in healthcare workers during COVID 19 Pandemic	Dr. Vivek Sharma Professor, Dept. of Physiology, AIIMS, Rajkot	
12:30 PM - 01:00 PM	Oration: President ASSOPI Topic: New Avenues for Superspecialities in Physiology: Setting up High Altitude Physiology and Medicine as A Specialty at Hall A: (Late Smt. Narmada Devi Auditorium)			Dr. Latika Mohan President, ASSOPI	
01:00 PM - 02:30 PM	Inauguration Ceremony and ASSOPI Awards at Hall A: (Late Smt. Narmada Devi Auditorium)				
02:30 PM - 03:15 PM	LEISURE LUNCH				
	Symposium 4: Revisiting The Past, Reforming the Present and Shaping the Future of Physiology Education: From Global Framework to Local Implementation		Symposium 5: Beyond the Oxygen Divide: Pathophysiology, Adaptation and Performance at High Altitude		
03:15 PM - 04:30 PM	Revisiting the Past: What Traditional Physiology Teaching Got Right	Dr. Sabita Yograj Professor and Head, Dept. of Physiology, Coordinator (MEU & CC), ACME, Ex-Dean Academics, SMVDIME (Shri Mata Vaishno devi Institute of Medical Excellence), Kakryal, J&K	Pathophysiology of High-Altitude Pulmonary Edema	Dr. Latika Mohan Professor & Head of Physiology, and Former Dean (Academics) AIIMS, Rishikesh, Uttarakhand	Free Paper Presentation (Faculty) Hall C at College Council Room, Ground Floor, Geetanjali Medical College and Hospital, Udaipur
	The Present Shift: Competency-Based and Integrated Physiology Education	Dr. Rashmi Chandel Assistant Professor, Dept. of Physiology, Government Medical College and Hospital, Chandigarh	High Altitude Adaptation Strategies in Jad Bhotias of Uttarakhand, India	Dr. Jayanti Pant Additional Professor, Department of Physiology, AIIMS, Rishikesh	Poster Presentation (Faculty) (Sr. No. 01-12) Hall D at Dept. of Physiology, Second Floor, Geetanjali Medical College and Hospital, Udaipur
	From Global Frameworks to Local Classrooms: Practical Adaptation Strategies and Limitations	Dr. Anumeha Bhagat FAIMER Fellow MEU Faculty, Assistant Professor, Dept. of Physiology, Government Medical College and Hospital, Chandigarh	Air Operations at and From High Altitude	Dr. Deepanjan Dey Prof and HOD, Department of Physiology, AFMC, Pune	
	Shaping the Future: Reimagining Assessment and Technology for the Digital Generation	Dr. Nivedita Nanda Professor of Biochemistry, JIPMER, Puducherry			
04:30 PM - 04:45 PM	TEA- BREAK				
04:45 PM - 06:00 PM	ASSOPI Award Presentation				
07:00 PM onwards	Musical Night Followed by Gala Dinner at Vijaygarh Palace, Tiger Hills, Udaipur				

DAY 2 (THURSDAY, 8th OCTOBER 2026)

07:30 AM onwards	REGISTRATION				
08:00 AM to 09:00 AM	BREAKFAST				
TIME	TOPIC			EXPERT	
09:00 AM - 09:30 AM	Café Corner 4: Heart Rate Variability at College Council Room, Ground Floor, GMCH (Maximum Participants 20)			Dr. Varsha Gupta Professor, SMSMC, Jaipur	
	Café Corner 5: Animal Experiments in Physiology at Departmental Library, Department of Physiology, 2nd floor, Geetanjali Medical College (Maximum Participants 20)			Dr. Jayanti Pant Additional Professor, Department of Physiology, AIIMS, Rishikesh	
	Café Corner 6: Cognitive Function Testing at MEU Hall, 4th floor, Geetanjali Medical College (Maximum Participants 20)			Dr. Ratna Sharma Professor & Head, Department of Physiology Prof. Incharge: Stress & Cognitive Electroimaging Lab Professor Incharge Student/ Resident Welfare All India Institute of Medical Sciences	
	HALL A (Late Smt. Narmada Devi Auditorium, Geetanjali University)		HALL B (Lecture Theatre 1, First Floor, Geetanjali Medical College, Geetanjali University)		OTHER ACITIVITIES
TIME	PARTICULARS	SPEAKER	PARTICULARS	SPEAKER	
	Symposium 6: Clinical and Translational Physiology: Relevance to Contemporary Clinical Practice		Symposium 7: Reimagining Medical Education: Integrating Innovation for Better Learning		
09:30 AM - 11:00 AM	Clinical and Translational Physiology: Present Scenario, Gaps and the Way Forward	Dr. Tribhuwan Kumar Professor & Head, Dept. of Physiology, AIIMS, Patna	Cardioleague: A Novel Game Based Board and Card Learning Tool for Cardiovascular Physiology Education	Dr. Manjinder Kaur Additional Principal Professor and Head, Dept. of Physiology, Geetanjali Medical College and Hospital, Udaipur, President, Association of Physiologists of Rajasthan (State Chapter of ASSOPI)	Poster Presentation Hall D (Sr. No. 51-76) at Dept. of Physiology, Second Floor, Geetanjali Medical College and Hospital, Udaipur
	Autonomic and Cardiorespiratory Physiology: Clinical and Translational Perspectives	Dr. Manjulata Professor & Head Dept. of Physiology, AIIMS, Patna	Teaching Together, Learning Better- by Integration	Dr. Hemlata Badyal Professor, Dept. of Physiology, Dayanand Medical College & Hospital, Ludhiana	
	Neurophysiology and Sleep: Clinical and Translational Perspectives	Dr. Ganashree C P Professor, Dept. of Physiology, AIIMS, Patna	Gamification Strategies for Enhancing Engagement	Dr. Ketaki Poorey Professor, Dept. of Physiology, Geetanjali Institute of Medical Sciences, Jaipur	
	Reproductive and Metabolic Physiology: Clinical and Translational Perspectives	Dr. Md. Zabihullah Associate Professor, Dept. of Physiology, AIIMS, Patna	Case Based Learning	Dr. Soumen Manna Professor, Dept. of Physiology, VMMC & Safdarjung Hospital, New Delhi	Award Paper Presentation Hall C (Sr. No. 1 to 10) at College Council Room Ground Floor, Geetanjali Medical College and Hospital, Udaipur
			Flipped Classroom	Dr. Manpreet Kaur, Professor, Dept. of Physiology, VMMC & Safdarjung Hospital, New Delhi	
			Beyond the Hype - AI in Medical Education	Dr. Renuka Sharma Director Professor Dept. of Physiology, VMMC & Safdarjung Hospital, New Delhi	
			Student -Centered Learning in CBME Era oR Innovations in Teaching-Learning under CBME	Dr. Neena Sharma Associate Professor, Dept. of Physiology, AIIMS, Jammu	
11:00 AM - 11:15 AM	TEA- BREAK				
11:15 AM - 11:45 AM	Keynote Address Topic: Becoming a Clinical Researcher in Physiology: A Practical Roadmap for Physiology Faculty in Indian Medical Colleges at Hall A: (Late Smt. Narmada Devi Auditorium)			Dr. G K Pal General Secretary, ASSOPI	
11:45 AM - 12:15 PM	Keynote Address Topic: Bridging Cultures: Cultural competence in Medical Education at Hall A: (Late Smt. Narmada Devi Auditorium)			Dr. Dinesh Badyal Director, FAIMER Regional Institute, Vice Principal, CMC Ludhiana	

	Panel Discussion 2		Symposium 8: From Research Idea to Intellectual Property: Patent & Copyright Essentials		
12:30 PM - 01:30 PM	Topic: Career Options for Physiologists, Future of Clinical Interventional Physiologists	Moderator: Dr. Anupinder Thind, Professor, Dept. of Physiology, AIIMS, Bathinda	IP Landscape in Medical Academia- Why Physiologists are Innovators Without Realising It	Dr. Sankalp Jha Assistant Professor, Dept. of Physiology, IMS, BHU, Varanasi	Award Paper Presentation (Sr. No. 11 to 21) Hall C at College Council Room, Ground Floor, GMCH, Udaipur
		Panelists: Dr. G K Pal Dr. Jayanti Pant Dr. Preeti Jain Dr. Rajeev Sharma Dr. Madhulika Monga Dr. Mrunal Phatak	Patentability 101 – Types of IP, What Can and Cannot Be Patented in Biomedical Sciences, and the Filing Pathway	Dr. Naresh Parmar Associate Professor, Dept. of Physiology, AIIMS, Rajkot	Poster Presentation (Sr. No. 77-101) at Dept. of Physiology, Second Floor, Geetanjali Medical College and Hospital, Udaipur
			From Idea to Grant – Practical Patent Search, Claim Drafting and Institutional Support: Lessons from Real-World Patents	Dr. Pradip Paik Professor, School of Biomedical Engineering And Dean, IIT BHU, Varanasi	
01:30 PM - 02:30 PM	LUNCH: FLAVORS FROM RAJASTHANI DELICACIES				
	Symposium 9: The Rhythm of Health: Exploring Sleep, Circadian Biology & Chronomedicine		Invited Session		
02:30 PM - 04:00 PM	Interplay between chronodisruption & stress, an insight to Chronotherapy	Dr. Soumya Mishra Professor, Dept. of Physiology, KIMS, Bhubaneswar	Differential Involvement of the Nitric Oxide Pathway in Bisphenol A- and Bisphenol SInduced Inhibition of Rat Uterine Contractility: An In Vitro Study	Dr. Parul Sharma Professor, Dept. of Physiology, IMS, BHU, Varanasi	Free Paper Presentation Hall C at College Council Room, Ground Floor, Geetanjali Medical College and Hospital, Udaipur
	Redefining time: Sleep and Circadian Physiology beyond the Ordinary	Dr. Shambhavi S Joshi Asst. Professor & HOD, Department of Physiology, Sleep Medicine Bharati Vidyapeeth Medical College, Pune	Relative Handgrip Strength as a Non-Invasive Marker of Sarcopenic Obesity and Metabolic Risk in Asian Indian Adults	Dr. Hasmukh Shah Professor & Head, Dept. of Physiology, Dr. M. K. Shah Medical College, Ahmedabad	
	Unravelling Sleep Physiology: An AASM Based Polysomnographic Approach	Dr. Sonia Kochhar Professor & Head, Dept. of Physiology, All India Institute of Medical Sciences, Bathinda, Punjab	Graceful Ageing: Wrinkles to twinkles	Dr. Jyotsna Shukla Senior Professor, SMS Medical College and Hospital, Jaipur	
	Chronomedicine: Synchronizing the Body Clock for Better Health	Dr. Magna Manjareeka Professor, Dept. of Physiology, Kalinga Institute of Medical Sciences, KIIT University	The Body as a Network: New Approaches, New Understanding	Dr. Amit Tak Assistant Professor, Dept. of Physiology, RVRS Government Medical College, Bhilwara	
	Chronotherapy and Circadian Alignment: Resetting the Biological Clock	Dr. Nigamananda Tripathy Assistant Professor, Dept. of Physiology, Shri Jagannath Medical College & Hospital, Puri	Digital Physiology and Artificial Intelligence: Transforming Evidence Generation	Dr. Fairy D Panchal Assistant Professor, Dept of Physiology, GCS Medical College, Hospital & Research Centre, Ahmedabad	
	Sleep as a Major Regulator of Cardiovascular Health	Prof. Richa Srivastava Senior Professor, Dept. of Physiology, S N Medical College, Agra	Beyond BMI: Which Measure of Adiposity Best Identifies Hypertriglyceridemia?	Dr. Megha Agrawal Associate Professor, Department of Physiology, All India Institute of Medical Sciences, Jammu	
04:00 PM - 04:15 PM	TEA- BREAK				
04:15 PM - 05:00 PM	PG Quiz Final Round at Hall A, Late Smt. Narmada Devi Auditorium, Geetanjali Medical College & Hospital, Udaipur				
05:00 PM - 06:00 PM	General Body Meeting at Hall A, Late Smt. Narmada Devi Auditorium, Geetanjali Medical College & Hospital, Udaipur				
07:00 PM onwards	Cultural Programme followed by Banquet Dinner at Geetanjali Medical College & Hospital, Udaipur				

DAY 3 (FRIDAY, 9th OCTOBER 2026)					
07:30 AM onwards	REGISTRATION				
08:00 AM to 09:00 AM	BREAKFAST				
TIME	TOPIC			EXPERT	
09:00 AM - 09:30 AM	Café Corner 7: Yoga and Meditation at College Council Room, Ground Floor, GMCH (Maximum Participants 20)			Dr. Rajkumar Yadav Professor, Dept. of Physiology, AIIMS, Delhi	
	Café Corner 8: Sleep Physiology at Departmental Library, Department of Physiology, 2nd floor, Geetanjali Medical College (Maximum Participants 20)			Dr. Sonia Kochhar Professor & Head, Dept. of Physiology, All India Institute of Medical Sciences, Bathinda, Punjab	
	Café Corner 9: Exercise Physiology at MEU Hall, 4th floor, Geetanjali Medical College (Maximum Participants 20)			Dr. Om Lata Bhagat Professor, Dept. of Physiology, AIIMS Jodhpur Dr. Hanjabam Barun Sharma Professor, Dept. of Physiology, IMS, BHU, Varanasi	
	HALL A (Late Smt. Narmada Devi Auditorium, Geetanjali University)		HALL B (Lecture Theatre 1, First Floor, Geetanjali Medical College, Geetanjali University)		OTHER ACITIVITIES
TIME	PARTICULARS	SPEAKER	PARTICULARS	SPEAKER	
	Symposium 10: Recent Advances in Autonomic Function Testing		Symposium 11: From Peaks to Deserts to Battlefields: The Physiology of Environmental and Operational Stress		
09:30 AM - 11:00 AM	Baroreflex Sensitivity Testing	Dr. Pravati Pal Professor (Senior Scale) Department of Physiology, JIPMER, Puducherry	Cold Stress in Extreme Environments: Physiological Challenges for Soldiers and High-Altitude Personnel	Dr. Abhishek Bhardwaj Scientist F, Defence Institute of Physiology and Allied Sciences (DIPAS), DRDO, Delhi	
	Parasympathetic Function Testing	Dr. Rajkumar Yadav Professor of Physiology, AIIMS, New Delhi	Combat Load Stress: Physiological Consequences of Load Carriage in Military Personnel	Dr. Tirthankar Chatterjee Scientist E, Defence Institute of Physiology and Allied Sciences (DIPAS), DRDO, Delhi	
	Sympathetic Function Testing	Dr. Kaviraja Udupa Professor of Neurophysiology, NIMHANS, Bengaluru	Hyperhomocysteinemia in High-Altitude Populations: Implications for Vascular and Metabolic Health	Dr. Kalpana Barhwal Additional Professor, Department of Physiology, AIIMS, Bhubaneswar	
	Recent Advances in Heart Rate Variability: Beyond Sympathovagal Balance	Dr. G K Pal Professor (Senior Scale), Department of Physiology, JIPMER, Puducherry	Climate Change, Occupational Heat Exposure and Worker Health: Linking Heat Stress, Physiological Strain and Health Impacts	Dr. Krishnan Professor, Department of Physiology, AIIMS, Guwahati	
11:00 AM - 11:15 AM	TEA- BREAK				
11:15 AM - 12:00 PM	Oration Topic: Neural plasticity and Brain Repair Mechanisms: Developing New Strategies to Treat Neurological and Psychiatric Disorders at Hall A (Late Smt. Narmada Devi Auditorium)			Dr. Shankarnarayana Rao	



	Panel Discussion 3		Symposium 12: From Signals to Diagnosis: Exploring Biopotentials in Health and Disease		
12:00 PM - 01:00 PM	Topic: Use of Animals for Teaching and Research in Physiology Curriculum	Moderator: Dr. Parul Sharma Professor & Head, Dept. of Physiology, BHU Varanasi Panelists: Dr. S B Deshpande Dr. Rajiv Pathak Dr. Jyotsna Shukla Dr. Shashikant Agarwal	Personalized Neuromodulation Therapies for Neurological and Psychiatric Disorders Based on Biopotential (EEG, ECG & HRV) Variability	Dr. Kaviraja Udupa Professor, Dept. of Physiology, NIMHANS, Bengaluru	
			Integrating Repetitive Transcranial Magnetic Stimulation With MRI Guided Neuronavigation n Neurophysiological Research and Cliniiical Care	Dr. Gaurav Sharma Associate Professor, Dept. of Physiology, AIIMS, Rajkot	
			Cognition: P300	Dr. Samir Kumar Singh Professor Dept. Of Physiology, IMS, BHU, Varanasi	
			Evidence-Based Physiology: Integrating Molecular Insights, Digital Health, and Mind-Body Medicine for Precision Healthcare	Dr. Rajajeya Kumar Manivel Clinical Neurophysiologist, Associate Professor, Dept. of Physiology, Saveetha Medical College & Hospital, Saveetha Institute of Medical And Technical Sciences (SIMATS), Saveetha University, Chennai	
			Intraoperative neurophysiological monitoring (IONM)	Dr. Sathyaprabha TN Associate Professor & Chairman, Dept. of CS & ME, SoE Dayananda Sagar University	
01:00 PM - 02:00 PM	VALEDICTORY FUNCTION AND AWARD PRESENTATION FOR PAPER, POSTER AND PG QUIZ				
02:00 PM onwards	LEISURE LUNCH				

ORGANISING COMMITTEE



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Dr. Naren Kurmi

Professor, Department of Physiology

GEETANJALI MEDICAL COLLEGE & HOSPITAL

📍 Eklingpura Chauraha, Manwakhera, Udaipur, Rajasthan - 313001

📞 7728094107 | ✉️ assopicon2026@gmail.com

🌐 www.assopicon2026.com | www.assopi.co.in

Official Conference Organisers



Mr. Anuj Sharma

Mob.: +91 83858 67887