



**FACULTY OF MEDICINE
UNIVERSITY OF MORATUWA**
Presents

ANNUAL ACADEMIC SESSIONS 2025



*“From Research to Reality:
AI and Innovation Driving the
Future of Medicine”*

**Annual Academic Session of the
Faculty of Medicine,
University of Moratuwa**

Message from the Dean Faculty of Medicine, University of Moratuwa



It is with great pleasure that I extend my warm greetings to all participants of the Annual Academic Sessions of the Faculty of Medicine, University of Moratuwa. This event marks an important milestone in our academic calendar, bringing together students, academics, clinicians, researchers, and industry partners to celebrate innovation, scholarship, and collaboration in the medical sciences.

As a young and evolving faculty, we remain committed to fostering a culture of inquiry, critical thinking, and scientific excellence. The theme of this year's sessions reflects our vision to bridge research with real-world impact, encouraging transformative ideas that advance patient care, promote community wellbeing, and inspire the next generation of medical innovators.

I am especially proud of the dedication shown by our staff and students, whose contributions have strengthened the academic and research profile of our faculty. Despite the challenges, our community continues to demonstrate resilience, creativity, and a shared commitment to excellence.

I am grateful to our distinguished speakers, invited guests, reviewers, and collaborators for enriching this event with their expertise. Your engagement not only elevates the quality of our academic discourse but also strengthens our collective pursuit of advancing medical science.

I wish all presenters and participants a stimulating and productive experience at this year's sessions. May the discussions held today spark new ideas, foster meaningful partnerships, and inspire impactful research that contributes to a healthier and more equitable future.

Thank you, and I wish you all a successful Annual Academic Session.

Prof Senaka Pilapitiya
Dean
Faculty of Medicine
University of Moratuwa

Message from the Chief Guest

Prof Neelika Malavige



It is with immense honour that I extend my wishes to the Annual Academic Sessions of the Faculty of Medicine, University of Moratuwa. I am genuinely delighted to contribute to this important occasion, and I warmly commend the faculty and students for their dedication to advancing medical knowledge, through research and innovation.

It is truly inspiring to see that, despite being a relatively young medical faculty, Moratuwa has placed such strong emphasis on scientific research. This commitment reflects a mature academic vision - one that recognizes research not as an optional component, but as a foundational pillar of medical progress.

Scientific research remains the cornerstone of all meaningful advancements in medicine. From novel therapeutics to improved diagnostics and evidence-based clinical practice. Every leap forward begins with inquiry, creativity, and disciplined investigation.

It is therefore essential that our young doctors are not only encouraged but systematically trained to appreciate the value of research and to contribute to it meaningfully. By nurturing these skills early, we cultivate a generation of medical professionals who can lead discoveries that are both locally impactful and globally relevant. Sri Lanka's future in healthcare innovation depends greatly on the strength of its emerging scientific community. I am confident that the Faculty of Medicine, University of Moratuwa, will continue to play a transformative role in this journey. I extend my best wishes for a successful and inspiring academic session, and for many impactful discoveries in the years ahead.

Prof Neelika Malavige

Professor

Department of Immunology and Molecular Medicine

President-Elect

The International Society for Infectious Diseases (ISID)

Message from the Organizing committee

We are pleased to welcome you to the Annual Academic Sessions of the Faculty of Medicine, University of Moratuwa. This year's theme highlights our commitment to transforming scientific discovery into real-world healthcare solutions through the power of AI and innovation.

As a technology-driven medical faculty, we are proud to foster a culture where interdisciplinary ideas thrive. These Sessions bring together researchers, students, clinicians, and industry partners to share knowledge, inspire collaboration, and showcase impactful work shaping the future of medicine.

We extend our sincere thanks to all presenters, reviewers, chairpersons, sponsors, and participants for their invaluable contributions.

We wish you an engaging and inspiring academic experience.

Organising Committee
Faculty of Medicine, University of Moratuwa

Organising committee (Academic Staff

Dr Melanie Amarasekiriya (Conference chair)
Prof Jean Perera
Prof Tharaka Samarasinghe
Dr Nadhee Peris
Dr Nadeeja Samarasekera
Dr Kishara Goonartne
Dr Ishanka Talagala
Dr Nayana Fernando
Dr Tharindu Dinupa
Dr Sharmy Hassan

**Organising committee
(Students) Intake 2021 Batch**

Mr Kavindu Yeshan
Ms Rusandi Sooriyarachchi
Mr Shanuka Silva
Mr Thisura Ekanayake
Mr Sachintha Ekanayake
Ms Tharushi Purna
Ms Samadhi Wickramasinghe
Ms Eshani Panamulla
Mr Haritha Dayanath
Ms Harini Rajapaksha
Ms Nethmi Abeygunawardana
Mr Risinu Pesanjith
Mr Pamuditha Liyanagama
Mr A.M. Saffkath
Mr H.G.H.C. Thisera
Mr Pasindu Gayashan
Ms Vinugi Pamada

Annual Academic Sessions 2025 -Programme

Date: 15th December 2025

Venue: Rupert Peiris Auditorium, Faculty of Architecture,
University of Moratuwa

Time: 08:30 a.m. – 04:00 p.m.

**Theme: From Research to Reality: AI and Innovation
Driving the Future of Medicine.**

Time	Event
08:30 a.m.	Registration
09:00 a.m.	Faculty Anthem & Lighting of the Oil Lamp
09:10 a.m.	Address by the Dean, Prof Senaka Pilapitiya
09:15 a.m.	Address by the Chief Guest Prof Neelika Malavige
09:40 a.m.	Guest Lecture by Prof Priyanga Ranasinghe , Professor, Department of Pharmacology, Faculty of Medicine, University of Colombo
10:00 a.m.	Guest Lecture by Mr Heminda Jayaweera , Executive Director, TRACE Sri Lanka
10:20 a.m.	Panel Discussion “ <i>Bridging Innovation, Clinical Practice and challenges</i> ” (Mr Heminda Jayaweera, Prof Priyanga Ranasinghe, Dr Kishara Goonaratne, Dr Ishanka Talagala, Mr Sahan Cooray)
10:45 a.m.	Tea Break
11:00 a.m.	Keynote Address by Dr MTD Lakshan , Consultant ENT Surgeon, Head of Nawaloka Hospitals Research and Education Foundation

Time	Event
11:20 p.m.	Research Presentations -Free paper Session 1
12:20p.m.	Lunch Break
13:00 p.m.	Research Presentations -Free paper Session 2
14:00 p.m.	Collaborating to Advance Medical Research – EMBS student chapter and Medical Students
14:20 p.m.	Student led Panel Discussion “Industry Sponsorship in Healthcare Research: Opportunities, Risks, and the Right Way Forward.”
15:00 p.m.	Award presentation
15:20 p.m.	Vote of Thanks & Closing Remarks

Abstracts

PodiumPresentations