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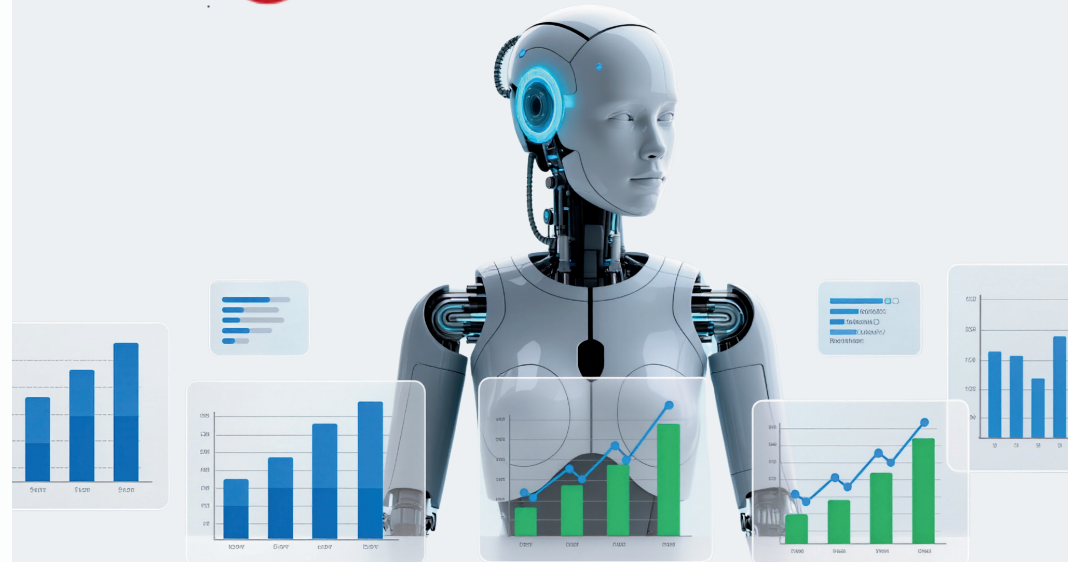**Offline Participation: Rs. 400**
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3rd International Symposium on

INDEXED LITERATURE TO INDUCTIVE AND DEDUCTIVE REASONING: THE TRIAD OF RESEARCH METHODOLOGY, STATISTICAL ANALYSIS AND ETHICAL PUBLISHING IN THE AI ERA

(Hybrid Mode)

Date: 30 January 2026 | **Time:** 08.30 am - 04.30 pm
Venue: Valluvar Hall, PMIST

Organized by
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
in association with
OFFICE OF RESEARCH AND DEVELOPMENT & INSTITUTION INNOVATION COUNCIL (IIC)
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University), Thanjavur 613403, India
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PROGRAMME SCHEDULE

Plenary Lecture (10:00 am – 10:30 am)

TRANSFORMATIONAL LEADERSHIP AS A CATALYST FOR ADVANCING RESEARCH PRODUCTIVITY IN HIGHER EDUCATIONAL SETTINGS

Dr. V. ANBURAJ, Ph.D.

Member-Executive Council, Periyar Maniammai Institute of Science & Technology (Deemed to be University), Thanjavur, India

Introductory Lecture (10:30 am – 10:45 am)

ACADEMIC RESEARCH AS A FOUNDATION FOR SOCIETAL GROWTH AND TRANSFORMATION

Dr. P.K. SRIVIDHYA, Ph.D.

Registrar, Periyar Maniammai Institute of Science & Technology (Deemed to be University), Thanjavur, India

Session 1: Distinguished Flagship Lecture (10:45 am – 11:30 am)

STRATEGIC THINKING AND REASONING FRAMEWORKS FOR DEVELOPING EFFECTIVE RESEARCH PROTOCOLS

Dr. GOWRAGANAHALLI JAGADEESH, Ph.D.

Retired Senior Expert Pharmacologist, Division of Pharmacology & Toxicology, Office of Cardiology, Hematology, Endocrinology, and Nephrology, Center for Drug Evaluation and Research, US Food and Drug Administration, Maryland, USA

Networking Refreshment Break: 11:30 am – 11:45 am

Session 2 (11:45 am – 12:15 pm):

BEST PRACTICES IN LITERATURE SEARCH AND DATA COLLECTION USING AI/ML: ENSURING QUALITY AND INTEGRITY IN SCIENTIFIC RESEARCH

Dr. MURUGAN THANGIAH, Ph.D.

SLAS-Department of Liberal Arts & Humanities, Faculty of Social Sciences & Leisure Management, Taylor's University, Selangor, Malaysia

Session 3 (12:15 pm – 01:00 pm)

FROM CLASSICAL STATISTICS TO AI-ASSISTED STATISTICAL ANALYSIS IN RESEARCH

Dr. BALAKUMAR PITCHAI, Ph.D.

Professor & Director, RT&P-Office of Research & Development, Periyar Maniammai Institute of Science & Technology (Deemed to be University), Thanjavur, India; Adjunct Professor, School of Pharmacy, Taylor's University, Malaysia; & Consulting Editor-Pharmacological Research-Elsevier, IF: 10.5)

Lunch Break: 01:00 pm – 01:45 pm

Session 4 (01:45 pm – 02.15 pm)

ACADEMIC RESEARCH: EXPECTING THE UNEXPECTED IN THE AGE OF AI

Dr. ARASU CHELLAIAH, Ph.D.

Professor,
University of Maryland, Baltimore, USA

Session 5 (02:15 pm – 03:00 pm)

PUBLICATION ETHICS AND ETHICAL USE OF AI IN SCIENTIFIC PUBLISHING

Dr. SHUBHADA NAGARKAR, Ph.D.

Professor, Department of Library and Information Science, Centre for Publication Ethics, SavitribaiPhule Pune University, Pune, India.

Networking Refreshment Break: 03:00 pm – 03:15 pm

Session 6 (03:15 pm – 03:45 pm)

RESEARCH THAT MATTERS IN THE AI ERA: MOVING FROM DEGREE-ORIENTED RESEARCH TO PROBLEM-ORIENTED RESEARCH

Dr. SARAVANAN PANDIARAJ, Ph.D.

Department of Self Development Skills, CFY Deanship, King Saud University, Riyadh, Saudi Arabia

Session 7 (03:45 pm – 4:15 pm)

AI AND THE INTEGRATED ICT TOOLS FOR SCHOLARLY RESEARCH: FROM DATA VISUALIZATION TO INDEXED PUBLISHING

Dr. P. ILANGOVAN, Ph.D.

Associate Professor, Department of Computer Science and Engineering, Periyar Maniammai Institute of Science & Technology (Deemed to be University), Thanjavur, India

Panel Discussion / Distribution of Certificates - (04.15 pm - 04.30 pm)

TARGET AUDIENCE

Postgraduates, pre- and postdoctoral fellows, researchers, and faculties of biomedical, engineering, pharmacy, computer science, architecture, management, science and arts, and delegates from industry.