

RESOURCE PERSONS

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*Director
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Chennai*

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*Associate Professor
VIT University
Vellore*

HOW TO APPLY

Interested faculty members, research scholars, students and industrialists are welcome to participate in the workshop. Online registration is mandatory using the following link:

<https://forms.gle/UDgG42xxgASmE9hC7>

*Last Date for Online Registration:
09th July 2025*

QR Code for Registration



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*Judge (Retd.), High Court of Madras
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Assistant Professor

Organizing Committee Members

SHIFT-I

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Dr. K. Sakkaravarthi, Assistant Professor

Mr. C. Kalaivanan, Laboratory Assistant

SHIFT-II

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Dr. M. Puratchi Mani, Assistant Professor

Dr. S. Sarala, Assistant Professor

Mr. M. Selvam, Laboratory Assistant



PACHAIYAPPA'S COLLEGE FOR MEN

*(A Unit of Pachaiyappa's Trust, Chennai – 600030)
(Affiliated to University of Madras & Recognized by UGC
under section 2f & 12b of UGC Act 1956)*

KANCHIPURAM – 631501

The IMSc Sponsored

National Workshop on Quantum Phenomena and Applications

July 10 & 11, 2025



Jointly Organized by

**Department of Physics
Pachaiyappa's College for Men
Kanchipuram**

**The Institute of Mathematical
Sciences (IMSc), Chennai**

&

**Indian Science and Technology
Association (ISTA), Chennai**

ABOUT THE COLLEGE



The mission and vision of imparting high quality of education and developing the students in the right path to meet the challenges and needs of the global society is visualized through the foundation of Pachaiyappa's College for Men, Kanchipuram, in 1950 by the Pachaiyappa's Trust. This institution is a boon to the poor and backward students who are living in and around the ancient temple town Kanchipuram. With the affiliation of the University of Madras, Chennai and recognition by the Government of Tamil Nadu and the University Grants Commission, New Delhi, the college offers various Graduate, Post-Graduate and Research courses under Choice Based Credit System. Located in the historical town of Kanchipuram, the college has a rich legacy of academic excellence and a commitment to holistic education.

ABOUT THE DEPARTMENT

The Department of Physics is one of the oldest established departments in Pachaiyappa's College for Men, Kanchipuram. The Department offers comprehensive programs designed to provide students with a solid understanding of the fundamental principles of physics. The department focuses on building a strong foundation in Classical and Modern Physics. Through a combination of theoretical courses and practical laboratory experiences, students develop analytical and problem-

solving skills that are essential for their academic and professional growth. The department is offering B.Sc. Physics (Shift-I) and M.Sc. Physics (Shift-II) courses. The department is committed to fostering a learning environment that encourages curiosity, critical thinking, and hands-on experimentation. With dedicated faculty members and a well-equipped laboratory, the department aims to inspire and prepare students for future careers in teaching, research and industry. The students are being regularly placed in several reputed industries and serving in various government departments.

THE INSTITUTE OF MATHEMATICAL SCIENCES (IMSc), CHENNAI



The Institute of Mathematical Sciences (IMSc) in Chennai, India, is a premier research institution focused on advanced studies in mathematics, theoretical physics and computer science. Established in 1962, IMSc conducts cutting-edge research in areas such as algebra, number theory, quantum mechanics and computational mathematics. It also offers doctoral and postdoctoral programs and hosts seminars, workshops and conferences to foster collaboration and knowledge exchange. The IMSc aims to promote interdisciplinary research and contribute to the global scientific community while nurturing talented researchers and scholars in mathematical sciences.

INDIAN SCIENCE AND TECHNOLOGY ASSOCIATION (ISTA), CHENNAI

The Indian Science and Technology Association (ISTA), Chennai is a registered professional body dedicated to promoting science and technology outreach, education, and research collaboration in Tamil Nadu. The ISTA advances scientific engagement through conferences, seminars and workshops. It plays a key role in bridging rural education with modern research, fostering a strong scientific culture through Tamil-medium initiatives and encouraging innovation among young scholars.

ABOUT THE WORKSHOP

The National Workshop on Quantum Phenomena and Applications is designed to bring together academicians, researchers, faculty members and students from various universities and colleges. This workshop aims to foster a dynamic exchange of ideas on the latest concepts and innovative techniques in the fields of Quantum Mechanics. Prominent researchers and experts will deliver insightful lectures, sharing their experiences and knowledge on cutting-edge developments in Quantum Physics. Participants will have the opportunity to delve into various subfields, enhancing their understanding of the current advancements in both theoretical and applied Physics. Join us for an enriching experience that will inspire new ideas, foster collaborations, and contribute to the advancement of knowledge in Quantum field.