

Abstract submission

The abstract of paper should be one page long and may include figures, tables, and references. The title should be in Times New Roman with a font size of 14, and the remaining text should be in Times New Roman with a font size of 12 and 1.5 line spacing. The corresponding author's email should be indicated with an asterisk (\*). The name of the author presenting the paper must be underlined. The abstract template can be accessed through the following link ([Abstract Template Link](#)).

The selected abstracts may be presented as poster or oral presentations in the seminar.

Registration

The registration is **free** (Limited to 100 participants)

Accommodation

Accommodation will be arranged for outstation participants within the campus at nominal charges upon prior request.

Important dates

Registration & Submission of Abstract : 31. 12. 2025  
Notification of Acceptance : 02. 01. 2026  
Accommodation Requests : 03. 01. 2026

Action links



[Webpage link](#)



[Registration form](#)

Address for Correspondence

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DEPARTMENT OF PHYSICS

**BHARATHIDASAN UNIVERSITY**

TIRUCHIRAPPALLI - 620 024

TAMIL NADU, INDIA

*organizes*



RUSA 2.0 (TRP - Physical Sciences)

sponsored

*National Seminar on*

**RECENT TRENDS IN MATERIALS SCIENCE**

(NSRTMS-2026)

08 & 09<sup>th</sup> January, 2026



## About the Institute

Bharathidasan University, established in February 1982, was named after the great revolutionary Tamil Poet, Bharathidasan (1891-1964). The motto of the University "We will create a brave new world", was formulated on the basis of Bharathidasan's poetic words "*புதியதோர் உலகம் செய்வோம்*" (BRAVE NEW WORLD). Hence, the University endeavours to be true to such a vision, by creating an enabling a brave new world for academic innovation and social change. The University comprises 4 Faculties, 16 Schools, 39 Departments and 29 Specialized Research Centres. It has 263 faculty members, serving around 3000 students and research scholars in the University. The Departments and Schools offer 151 programmes, including PG programmes in M.A., M.Sc., M.Tech and MBA, all conducted under the Choice Based Credit System (CBCS), in a semester pattern. Besides, the University offers Ph.D., P.G. Diploma, Diploma and Certificate programmes.

## About the Department

The Department of Physics was originally established in 1976 as a unit of the Autonomous Post-Graduate Centre of the University of Madras at Tiruchirappalli (the present Khajamalai Campus). It became part of Bharathidasan University in 1982, with Prof. P. K. Ponnuswamy as the founder Head of the Department. Since its inception, the Department has demonstrated a strong commitment to both research and teaching. Within a short span of time, it established itself as a Centre of Excellence in Biophysics, Nonlinear Dynamics, and Crystallography. The Department is recognized by UGC-SAP (DRS II), DST-FIST and RUSA (R & I), Government of India. Further, the Department has expanded its research scope in other areas such as Complex systems, Bose Einstein condensation, Computational Physics, Nonlinear Resonances, Crystal Growth and Thin Films, Superconductivity, Magnetism, Nanoscience, and Nanotechnology, Nonlinear Optics, and Nanophotonics. In addition to its strong international reputation and research excellence,, the Department offers M.Sc. and Ph.D. program in Physics to train young graduate students in cutting-edge research topics.

## About this Seminar

The aim of this national seminar is to bring together the scientific community and students on a common platform to exchange ideas and insights. The discussions will focus on emerging trends in materials science, highlighting advances in functional materials, energy-related materials, nanotechnology, and sustainable materials design. By engaging with leading experts, the event seeks to inspire young researchers, broaden their perspectives, and foster collaborative thinking. Young scientists, faculty members, research scholars, and students are expected to gain valuable exposure to cutting-edge developments and be motivated to pursue innovative research directions in this rapidly evolving field.

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## Focused Research Areas

Advanced Materials	Energy Storage Devices
Nanomaterials & Nanotechnology	Energy Conversion Technologies
Quantum materials & Technology	Optoelectronic Devices
Functional Materials	X-ray sensing Materials & Devices
Semiconductors	Environmental remediation
Crystal Growth	Density Functional Theory
Low-dimensional materials	Sustainability research

## Speakers

The lectures will be delivered by eminent scientists and research professors from reputed institutions across India.