

## About The College

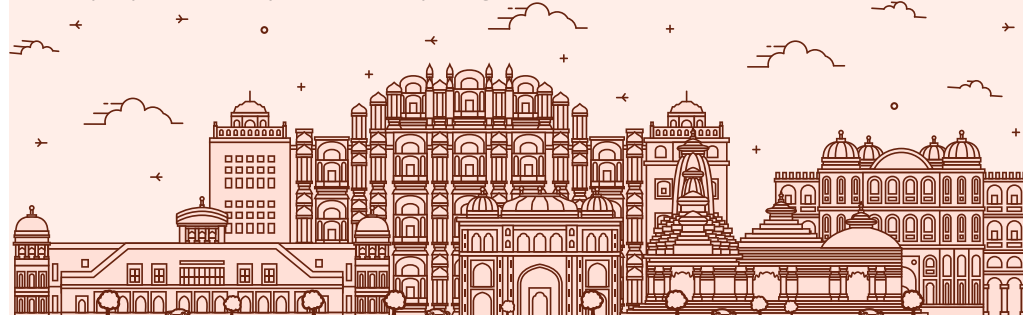
S.S. Jain Subodh P.G. College, Jaipur, Rajasthan is an autonomous institution and is widely recognized as the leading college of Rajasthan imparting quality education since its inception. The college was established in the year 1954 by a dedicated team of social philanthropists for the cause of promoting quality education with a clear focus on achieving excellence in the field of higher education, learning & quality research. The college was re-accredited with "A++" grade with a CGPA of 3.60 in the 4th cycle by NAAC-UGC. Another hallmark of excellence is reflected in the 81st rank awarded by the National Institutional Ranking Framework (NIRF).

The college is equipped with a number of academic laboratories including facilities for research in materials science & engineering, biomaterials. The central laboratory is housed with X-ray diffractometer (XRD, FTIR, photoluminescence (PL) equipment, UV-visible spectrophotometer, battery tester, Sievert's hydrogen storage set-up, vacuum oven, spin-coater, thermal evaporator for thin film deposition and wet chemical bench facilities.

### About Jaipur

The beautiful city of Jaipur is the capital of the colourful state of Rajasthan. Jaipur is located approximately 270 km south to Delhi and 250 km west of Agra. It is well connected to the outside world through the grand network of road, rail and air. Jaipur is also known as the Pinkcity because of ancient colourful buildings & monuments made in pink colour. The city was established back in the year 1727 by Maharaja Sawai Jai Singh. Jaipur is very well known for artisans, craftsmen, musicians, fine stones, gems & jewellery, variety of textiles including traditional colourful clothes and the delicious cuisine.

Jaipur is very well famous all over the world for infinite sagas & stories of its royal culture, traditional practices, beautiful forts & palaces, luxurious hotels & homestays, grand wedding destinations and many more. Some of the highly popular and visited tourist destinations are inclusive of Amber fort (capital of the erstwhile Jaipur state), Jantar Mantar (the largest observatory), City Palace (residence of the Maharaja of Jaipur), Hawa Mahal, Nahargarh Fort (the hunting residence of erstwhile Maharajas) & Jaigarh Fort (the artillery store house of Rajput rules; world's largest canon is also placed here). Chokhi Dhani also forms a major point of attraction whereby old traditional customs can be seen along with naturally prepared old styled meals in pure ghee.



## S.S. Jain Subodh P.G. College Jaipur

(Autonomous)

Affiliated to the University of Rajasthan, Jaipur  
Re-accredited with A++ Grade (3.60 CGPA) by NAAC-UGC in the 4th cycle  
NIRF All India Rank 81  
College with "STAR STATUS" recognized by DBT,  
Govt. of India, New Delhi



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### Address For Correspondence

**Dr. Sudhanshu Dwivedi**, Convenor, NCMST-2025

Department of Physics

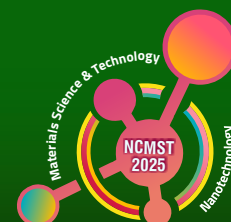
**S.S. Jain Subodh P.G. College (Autonomous)**

Rambagh Circle, Jaipur-302004

**E-Mail : nanotech.spin@gmail.com**

Web. : [www.subodhpgcollege.com](http://www.subodhpgcollege.com)

Contact : 8306696367, 6376025184



# National Conference

On

## Materials Science & Technology (NCMST-2025)

**15<sup>th</sup> - 16<sup>th</sup>  
December, 2025**



Organised By :

Department of Physics

**S.S. Jain Subodh P.G. College, Jaipur**

(Autonomous)

Re-accredited with A++ Grade (3.60 CGPA) by NAAC-UGC in the 4th cycle, 2024

Only college of Rajasthan with 81 rank by NIRF, Ministry of Education, Govt. of India (2019-2024)

College with "STAR STATUS" recognized by DBT, Govt. of India, New Delhi



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Department of Physics  
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### **Prof. Sabu Thomas**

Chairman, Trivandrum Engineering Science & Technology Research Park (TrEST Research Park) & Former VC, Mahatama Gandhi University, Kerala

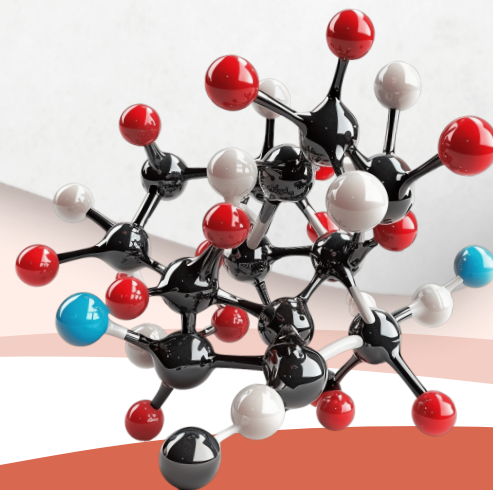
### **Dr. Abhishek Misra**

Associate Professor  
Department of Physics, IIT Madras, Chennai

Ultra-modern applications rely on the development of some newly advanced materials. Advanced chemical synthesis, solid-state methods and physical deposition systems are used to develop new materials with much enhanced functionalities for various types of applications. Materials are deemed to be important and can have a high impact based on the specific properties for particular applications. The world's economy is based on a range of materials spanning across different applications that include mechanical, electrical, electronic, magnetic, energy, bio-, optical & magnetoresistive. Research and development of new materials with desired structural & morphological structure is a critical task for various applications. Materials science & engineering focuses on the development of novel materials for advanced technologies to power economies and the lifestyles.

In Indian scenario, the central government, under the “Viksit Bharat” theme is all set to give a boost to materials for semiconductor technology along with the establishment of nanofabrication facilities for commercial production. Thus, the materials development and processing innovation is focused on the preparation and proof of the technological usability in material applications. Different types of materials are increasingly worked upon for many practical applications in daily life.

The two days National Conference On Materials Science & Technology (NCMST-2025) plans to address the development of emerging materials for advanced applications and correlated technologies. Deep review of the latest studies in materials science & technologies will be pursued by the experts in respective domains. Faculties & scholars will have the opportunity to disseminate their works in form of powerpoint presentations & posters. The conference will provide an engaging platform for the faculties & scholars with ample of opportunities for networking. Revealing of the latest developments in the industrial sector is also welcome in the conference to provide an edge towards materials technologies for real-time applications. Thus, the NCMST-2025 will be a conglomeration of the academic & industrial research on materials science & technologies.



## Conference Topics

Nanomaterials  
Nanocomposites  
Nanotechnology  
Electronic Materials  
Magnetic Materials  
Optical Materials  
Semiconductor Materials  
Functional Materials  
Dielectric Materials  
Battery Materials  
Solar Materials  
AI in Materials  
ML in Materials

Sensors  
Hydrogen Energy  
Fuel Cells  
Nanodevices  
Nanoelectronics  
Spintronic Devices  
Spintronic Materials  
MEMS/NEMS  
Soft Materials/Colloids  
Photonics  
Materials Physics  
Materials Chemistry  
Biomaterials

## Call For The Papers

Insightful papers involving deep and focused studies are invited for display in form of oral presentations and posters. Initially, an abstract is required to be submitted followed by submission of the full length paper. The abstract should be typed in MS-Word in Times New Roman font type with a font size of 12 in no more than 300 words in 1.5 spacing. The title of the abstract should be in font size 14 in Times New Roman font type in 1.5 spacing. The abstract should be sent as an E-mail attachment on the email : nanotech.spin@gmail.com. The abstract should include the title of the abstract, author's name, affiliation, email ID and complete address with pincode.

## Registration Fee

**Academicians**

**Rs. 2500.00**

**Research Scholars/Students**

**Rs. 1000.00**

**Fee can be paid online in the following account :**

**A/C Name: S.S. Jain Subodh P.G. College, Jaipur**

**A/C No. 06722191030218**

**IFSC No. PUNB0067210**

## Important Dates

**Abstract Submission Begins : 06 September, 2025**

**Last Date For Abstract Submission : 30 November, 2025**

**Acceptance of Notification of Abstracts Begins : 22 Sep. 2025**

## Publication

**Selected articles will be published in peer reviewed/ Scopus indexed journals/proceedings.**

## Accommodation

Accommodations will be arranged on request for the delegates in the hotels, guest house & hostels on the payment basis. The delegates who wish to avail the accommodation facility are requested to send the requests in this regard by Dec. 05, 2025 to enable us to make the necessary arrangements.

## About The Conference

**National Conference On Materials Science & Technology (NCMST-2025)** is organized with a broader perspective focused on the presentations of works related to the chemical synthesis or physical deposition of materials for mechanical, electrical, electronic, magnetic, magnetoresistive, optical, bio- and any other application not listed here. Last, but not the least, the conference also includes the idea of development of devices, nanofabrication, nanodevices, spintronic devices, MEMS & NEMS, and use of AI /ML in development of materials & devices. The basis theme of the conference inculcates a multidisciplinary approach that includes the following streams majorly :

Physics  
Chemistry  
Materials Science & Engineering  
Energy  
Environment

Material & Metallurgical Engineering  
Chemical Engineering  
Mechanical Engineering  
Civil Engineering  
Bioelectronics & Biochemistry