



# NHMS 2025

International Seminar On

# NEW HORIZONS IN MATERIAL SCIENCE

Department Of Physics and Chemistry

In Association With IQAC, Kannur University

## APRIL 3-5, 2025

### ABOUT THE PROGRAMME

The Department of Physics and Department of Chemistry, Kannur University, are proud to host an International Seminar on **New Horizons in Material Science (NHMS-2025)** from April 3–5, 2025, at the Payyanur Campus, Edat, Payyanur. This prestigious event will bring together leading researchers, academicians, and scientists from across the globe to explore recent advancements and emerging trends in material science. The seminar will feature keynote addresses and invited talks by eminent scientists from renowned institutions, including JNCASR Bangalore, IISc Bangalore, IISERs, NIT Karnataka, CMET Hyderabad, and international institutions such as Kagoshima University, Japan, Ming Chi University, Taiwan, and Colorado School of Mines, USA. Discussions will cover a wide range of topics, including nanomaterials, functional materials, biomaterials, energy materials, and advanced characterization techniques. In addition to expert talks, research scholars and participants will have an opportunity to present their work, fostering collaboration and knowledge exchange. The seminar will also include cultural programs, promoting an interactive and enriching academic environment. We invite faculty, researchers, and students to participate in NHMS-2025, making it a platform for innovation, discovery, and future collaborations in material science.

### LIST OF SPEAKERS



**PROF. SUBI  
JACOB GEORGE**  
JNCASR, BANGALORE



**PROF. TAKANORI TAMAKI**  
KAGOSHIMA UNIVERSITY, JAPAN



**PROF. RAJAN JOSE**  
MING CHI UNIVERSITY OF  
TECHNOLOGY, TAIWAN



**PROF. HIDENORI OHASHI**  
TOKYO UNIVERSITY OF  
AGRICULTURE AND TECHNOLOGY,  
JAPAN



**DR. R RATHEESH**  
CMET, Hyderabad



**DR. KARTICK  
TARAFDER**  
NIT KARNATAKA,  
SURATHKAL



**DR. SIBY  
THOMAS**  
COLORADO SCHOOL  
OF MINES, USA



**DR. SRIKANTH  
NARAYANARU**  
TOKYO UNIVERSITY  
OF SCIENCE, JAPAN



**DR. PRASAD  
VISHNU BHOTLA**  
IISc BANGALORE



**DR. JERRY A FERREIRO**  
IISER  
THIRUVANANTHAPURAM



**PROF. S. NARAYANA  
KALKURA**  
ANNA UNIVERSITY



**DR. DILEEP  
MAMPALLIL**  
IISER TIRUPATI

## TENTATIVE SCHEDULE

### 03-04-2025 (Thursday)

9.30AM - 10.30AM	Inauguration: <b>Prof K K Saju</b> Hon. Vice Chancellor Kannur University
10.30AM - 11.30AM	Keynote Address: <b>Prof. Subi Jacob George</b> JNCASR Bangalore (Shanti Swarup Bhatnagar Awardee)
11.45AM - 12.45PM	<b>Prof. Narayana Kalkura</b> Anna University
2PM - 3PM	<b>Dr. Kartick Tarafder</b> NIT Karnataka, Surathkal
3PM - 4PM	<b>Dr. Jerry A Fereiro</b> IISER, Thiruvananthapuram
4PM-4.30 pm	<b>Prof. Hidenori Ohashi</b> Tokyo Univeresity of Agriculture and Technology, Japan.
5PM	Cultural Programme

### 04-04-2025 (Friday)

9AM - 10 AM	<b>Prof. Takanori Tamaki</b> Kagoshima University, Japan
10.00AM - 11. AM	<b>Dr. R Ratheesh</b> Director CMET, Hyderabad
11.30AM - 12.30 PM	<b>Dr. Dileep Mampallil</b> IISER, Tirupati
2PM-3PM	<b>Prof. Rajan Jose</b> Ming Chi University of Technology, Taiwan
3PM - 5PM 5PM	<b>Oral/ Poster Presentations</b> Cultural Programmes

### 05-04-2025 (Saturday)

9AM - 10AM	<b>Dr. Siby Thomas</b> Colorado School of Mines, USA
10AM - 11AM	<b>Dr. Sreekanth Narayanaru</b> Tokyo University of Science, Japan
11.30PM – 12.30PM	<b>Dr. Prasad Vishnu Bhotla</b> IISC Bangalore
2PM - 4PM	<b>Poster Presentations</b>
4PM	Valedictory Function

## IMPORTANT DATES

Deadline for Registration:	<b>29-03-2025</b>
Deadline for Abstract	
Submission:	<b>28-03-2025</b>
Notification of acceptance:	<b>29-03-2025</b>

## FEE DETAILS

Students	<b>₹ 300/-</b>
Research Scholars	<b>₹ 500/-</b>
Faculty/ Industry	<b>₹ 1000/-</b>

## FOR REGISTRATION

Mode of Registration: Oral/Poster

Abstracts can be attached with  
the Registration Link

**Click here/Scan QR Code**

<https://forms.gle/XP87vLBWouUtG3TW7>



*Selected papers will be published in the Journal  
of Advanced Materials and Interfaces (JAMI,  
ISSN 2583-8415)*

*Submission deadline for full paper 30-04-2025*

## SCAN AND PAY



HOD DPT DEVELOPMENT FUND DEPT

UPI ID: [deptofphysics@sbi](mailto:deptofphysics@sbi)



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## ORGANIZING COMMITTEE

<b>Patron</b>	:	<b>Prof. (Dr.) K K Saju</b> (Hon. Vice Chancellor, Kannur University)
<b>Co Patrons</b>	:	<b>Mr. Anish Kumar K P</b> (Syndicate Member, Kannur University) <b>Prof. (Dr.) Joby K Jose</b> (Registrar, Kannur University) <b>Prof. (Dr.) Anup Kumar Kesavan</b> (Director, IQAC, Kannur University)
<b>General Convener</b>	:	<b>Prof. (Dr.) Deepak N K</b>
<b>Coordinator</b>	:	<b>Dr. Baiju K V</b>
<b>Organizing committee</b>	:	<b>Prof. (Dr.) Sudheesh S</b> <b>Prof. (Dr.) Haridas K R</b> <b>Dr. Nissamudeen K M</b> <b>Dr. Biju A R</b> <b>Dr. Shima P D</b> <b>Dr. Vijith K</b> <b>Dr. Ahmed Rizwan C L</b> <b>Dr. Anjali Devi J S</b> <b>Dr. Anjali Paravannoor</b> <b>Dr. Nimith K M</b> <b>Dr. Nijisha P</b> <b>Dr. Mili C N</b> <b>Dr. Soumya C</b> <b>Dr. Indu Sukumaran</b> <b>Dr. Ayana A</b>

### CONTACT

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Organised by  
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