

Themes

- Polymers & Glass
- Membrane Biophysics
- Nanomedicine
- Biophysics
- Quantum Computing
- Active Matter
- Biophotonics
- Bioinformatics & Structural Biology
- Nanomaterials in Drug Delivery
- Functional Materials
- Chemistry at Interfaces
- Reaction Dynamics
- Proteins
- Molecular Spectroscopy
- Biomolecular Dynamics
- Soft Matter Engineering

Registration

Faculty: 19,000 INR (Including accommodation), 10,000 INR (Excluding accommodation)

Students and Post Docs: 9,000 INR (Including shared accommodation)

R&D organizations/personnel from industries: 20,000 INR (Excluding accommodation)

Official Website - sites.google.com/iitj.ac.in/sophyc-2026

Tentative Sponsors

VG SCI CHEM



Photic Scientific

Schedule

Day 0: 16th July (Thursday), 2026	
2:00-2:30 pm	Registration
2:30-3:00 pm	Inaugural session
Plenary Sessions (3:00- 4:00 P.M.)	
Break	
Polymer and Glass (5:00-6:30 P.M.)	Nanomaterials in Drug Delivery (5:00-6:30 P.M.)
Day 1: 17th July (Friday), 2026	
8:45- 9:30 am	Registration
Plenary Sessions (9:30- 11:00 A.M.)	
Break and Poster Session (11:00- 11:15 A.M.)	
Membrane Biophysics (11:15 A.M.-12:55 P.M.)	Functional Materials (11:15 A.M.-12:55 P.M.)
Lunch and Poster Session (1:00- 2:00 P.M.)	
Nanomedicine (2:00- 3:40 P.M.)	Chemistry at Interfaces (2:00- 3:40 P.M.)
Break and Poster Session (3:40- 4:00 A.M.)	
Biomolecular Dynamics (4:00- 6:00 P.M.)	Reaction Dynamics (4:00- 6:00 P.M.)
Outreach Session: Plenary lecture from academic expert (6:00- 6:40 P.M.)	
Outreach Session: Flash Talks from IITJ Alumni (6:40- 7:30 P.M.)	
Dinner (7:30- 9:30 P.M.)	
Day 2: 18th July (Saturday), 2026	
Plenary Sessions (9:00- 10:30 A.M.)	
Break and Poster Session (10:30- 10:45 A.M.)	
Quantum Computing (10:45 A.M.-12:55 P.M.)	Proteins (10:15 A.M.-12:55 P.M.)
Lunch and Poster Session (1:00- 2:00 P.M.)	
Active Matter (2:00- 3:40 P.M.)	Molecular Spectroscopy (2:00- 3:40 P.M.)
Break and Poster Session (3:40- 4:00 A.M.)	
Biophotonics (4:00- 6:00 P.M.)	Soft Matter Engineering (4:00- 6:00 P.M.)
Outreach Session: Plenary lecture from industry expert (6:00- 6:40 P.M.)	
Outreach Session: Panel discussion with experts from industry and academia(6:40- 7:30 P.M.)	
Gala Dinner (7:30- 10:00 P.M.)	
Day 3: 19th July (Sunday), 2026	
Plenary Sessions (9:30- 11:00 A.M.)	
Break (11:00- 11:15 A.M.)	
TBD (11:15 A.M.-1:00 P.M.)	Bioinformatics and Structural Biology (11:15 A.M.-1:00 P.M.)
Lunch (1:00- 2:00 P.M.)	
Prize Distribution & Thanksgiving (2:00- 2:30 P.M.)	

Complex Dynamics in Chemistry, Physics, and Biology (CDCPB)



The symposium, **Complex Dynamics in Chemistry, Physics, and Biology (CDCPB)**, seeks to bring together experimental and theoretical researchers working in the interdisciplinary areas of physical chemistry, Chemical Engineering, Physics, and Biophysics, from institutes across Western India on a common scientific platform. By focusing on both fundamental and applied problems in physical chemistry, the symposium aims to promote scientific exchange, academic-industry collaboration, and discussion of emerging research. Key focus areas of the symposium are Enzyme and Healthcare, Science of Neurodegenerative Diseases, Sustainable Energy, and Application of AI in Molecular Sciences. The program will include technical lectures and poster presentations by faculty, researchers, and doctoral students, providing a platform to showcase recent developments and foster interaction within the research community.

In addition, a special outreach session for students from Northwestern India will feature invited talks by leading academicians and industry experts, highlighting career pathways in research, academia, and industry, and motivating students to pursue advanced studies in physical chemistry and its applications in modern science and technology.

Venue: IIT Jodhpur

Date: 16th -19th July 2026



Confirmed Participants

- Biman Bagchi, IISc Bangalore
- K Ganapathy Ayappa, IISc Bangalore
- Anand Srivastva, IISc Bangalore
- Rochish Madhukar Thaokar, IIT Bombay
- Rajarshi Chakrabarti, IIT Bombay
- Ashutosh Kumar, IIT Bombay
- Jhumpa Adhikari, IIT Bombay
- Dhiraj D Bhatia, IIT Gandhinagar
- Kavita Dorai, IISER Mohali
- Samrat Mukhopadhyay, IISER Mohali
- Anindya Datta, INST, Mohali
- Sourav Pal, Ashoka University
- Pallavi Debnath, IIT Roorkee
- Krishna Kanti Dey, IIT Gandhinagar
- Jayant Singh, IIT Kanpur
- Sudip Roy, Prescience Insilico Pvt. Ltd.
- Durba Sengupta, NCL, Pune
- Ramachandran C. N., IIT Roorkee
- Sunil Pratap Singh, IISER Bhopal
- Veerender K Sharma, BARC, Mumbai
- Karthik Subramaniam Pushpavanam, IIT Gandhinagar
- Rahul Maitra, IIT Bombay
- Sanjib Senapati, IIT Madras
- Sri Rama Koti Ainavarapu, TIFR Mumbai
- Sayantan Dutta, IIT Bombay
- Biman Bandyopadhyay, MNIT Jaipur
- Pramod P. Pillai, IISER Pune
- Rajagopala Reddy Seelam, CU Rajasthan
- Musharaf Ali Sheikh, BARC Mumbai
- Sandip Kar, IIT Bombay
- Shamik Chakraborty, BITS Pilani
- Sai Phani Vangala, IISER Bhopal
- Ateeque Malani, IIT Bombay
- Sayan Bagchi, NCL Pune
- Smarajit Karmakar, TIFR Hyderabad
- Parbati Biswas, University of Delhi
- Biswarup Pathak, IIT Indore
- Ravi Venkatramani, TIFR Mumbai
- Saptarshi Mukherjee, IISER Bhopal
- Arijit Kumar De, IISER Mohali
- Neelanjana Sengupta, IISER Kolkata
- Ranjini Bandyopadhyay, RRI Bangalore
- Rama Jayasundar, AIIMS Delhi
- T. S. Mahesh, IISER Pune

Organizing Committee

Symposium President

Prof. Biman Bagchi, IISc Bangalore

National Advisory Committee

Prof. N. Sathyamurthy, formerly IISER Mohali, IIT Kanpur

Prof. Rama Jayasunder, AIIMS Delhi

Prof. K. L. Sebastian, formerly IISc Bangalore, IIT Palakkad

Prof. Sourav Pal, Ashoka University, formerly NCL Pune, IIT Bombay, IISER Kolkata

Prof. Anindya Datta, Director INST Mohali, IIT Bombay

Prof. E. Arunan, IISc Bangalore

Prof. Amalendu Chandra, IIT Kanpur

Prof. E. D. Jemmis, IISc Bangalore

Prof. Saptarishi Mukherjee, IISER Bhopal

Important Dates

Abstract Submission: 15 March-31 May 2026

Abstract acceptance: 8-14 June 2026

Early Bird Registration: 15 March-31 May 2026

Late Registration: 31 May-16 June 2026

Local Organizing Committee

Department of Chemical Engineering

Prof. Praveen K. Sappidi

Prof. Angan Sengupta

Prof. Parag Deshpande

Department of Bioscience and Bioengineering

Prof. Sucharita Dey

Prof. Raviraj Venkayala

Prof. Sudipta Bhattacharyya

Prof. Meenu Chhabra

Department of Physics

Prof. Sunita

Prof. Santosh Mogurampelly

Prof. Prabhat K. Jaiswal

Department of Chemistry

Prof. Milan K. Hazra

Prof. Atul Kumar

Prof. Rahul Gera

Prof. Suresh Sarkar

Prof. Pragati Pandey

Prof. Shyam Kumar Banjare

Prof. Vivek Wakchaure

Prof. Dibyendu K. Samal

Prof. Samanwita Pal, Co-Convener

Prof. Ananya Debnath, Convener