

Scope of Symposium

The 11th Interdisciplinary Symposium on Materials Chemistry, ISMC-2026, is being organized jointly by Chemistry Division, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai, India, and the Society for Materials Chemistry (SMC) during December 8-12, 2026. The symposium is supported by Board of Research in Nuclear Sciences (BRNS) and Department of Atomic Energy (DAE). In this Symposium, it is planned to focus on contemporary research areas of materials chemistry relevant to DAE programmes. Deliberations of the symposium will cover the following topics:

- Nuclear Materials
- Nanomaterials and High Purity Materials
- Fuel Cell Materials and other Electro-ceramics
- Biomaterials
- Polymers and Soft Condensed Matter
- Materials for Energy Conversion and Storage
- Carbon based Materials
- Thin Film and Surface Chemistry
- Hybrid Materials and Composites
- Magnetic Materials
- Catalysts for Energy Conversion and Environment
- Chemical and Biological Sensors
- Organic and Organometallic Compounds
- Multiscale modeling of Novel Functional Materials with Tailored Properties
- AI and ML driven design of materials for Health, Energy and Environment

Important Dates

Last date for submission of papers in prescribed template	August 31, 2026
Acceptance of papers (not applicable for invited speakers)	September 30, 2026
Payment of registration fee	October 31, 2026

Note: Registration fee should be sent only after receiving intimation of acceptance of your paper

Addresses for Communication

Dr. A. C. Bhasikuttan

Chairman, ISMC-2026
Associate Director, Chemistry Group
BARC, Mumbai-400 085, India
Telephone: +91-22-6929 3869 (0)
Email: bkac@barc.gov.in

Dr. N. Choudhury

Co-Chairman, ISMC-2026
Head, Chemistry Division
BARC, Mumbai-400 085, India
Telephone: +91-22-6929 5015 (0)
Email: nihcho@barc.gov.in

Dr. S. N. Sawant

Convener, ISMC-2026
Chemistry Division, BARC
Mumbai-400 085, India
Tel: +91-22-6929 3869 (0)
Email : stawde@barc.gov.in

Dr. B. Modak

Joint Secretary, ISMC-2026
Chemistry Division, BARC
Mumbai-400 085, India
Tel: +91-22-6929 9023 (0)
Email: bmodak@barc.gov.in

Dr. V. Sudarsan

Co-Chairman, ISMC-2026
Head, Radiation & Photochemistry Division,
BARC, Mumbai-400 085, India
Telephone: +91-22-6929 5355 (0)
Email: vsudar@barc.gov.in

Dr. A. M. Banerjee

Secretary, ISMC-2026
Chemistry Division, BARC
Mumbai-400 085, India
Tel: +91-22-6929 2062 (0)
Email: atinmb@barc.gov.in

Dr. P. P. Phadnis

Treasurer, ISMC-2026
Chemistry Division, BARC
Mumbai-400 085, India
Tel: +91-226929 2229 (0) Email:
phadnisp@barc.gov.in

All the participants of ISMC-2026 are expected to get registered in advance by filling the registration form online (www.smcindia.org/ismc-2026), giving registration fee details. Registration fee should be credited to ISMC account by online transfer/RTGS/NEFT mode only. Payment made by other modes will not be taken into consideration. ISMC account details and other information will be provided in the intimation letter regarding acceptance of paper. The registration fee covers electronic copy of symposium proceedings (CD), lunch, dinner and refreshments during the symposium period, but does not cover the accommodation charges. The details of the registration fee are given below :

Research Scholars	Rs. 4500/-*
Delegates from Universities/Educational Institutions/ Government Departments	Rs. 7000/-*
Accompanying person with delegates	Rs. 6000/-
Delegates from Public Sector Undertakings	Rs. 9000/-*
Delegates from Industries	Rs. 10000/-
Delegates from abroad [#]	US \$ 500/-
Accompanying person with foreign delegates [#]	US \$ 300/-
Research Scholars from abroad [#]	US \$ 300/-

*A concession of Rs. 500/- is applicable to Life members of Society for Materials Chemistry (SMC)

[#]Overseas participants must obtain Business VISA to attend the conference.

Tourist VISA holders are not permitted to enter symposium venue.

Note : The registration fees are non refundable.

Submission of Contributory Papers

Desirous participants may submit their contributory papers as per the template on the symposium website (www.smcindia.org/ismc-2026) before August 31, 2026. Acceptance of papers will be communicated by September 30, 2026. After acceptance of the paper, registration is mandatory to participate in the symposium (Last date of payment of registration fee is October 31, 2026).

General Guidelines for Contributory Papers

Language: English

Paper size: A4; 1 inch margins on all sides

Text: Times New Roman, 10 pt font; single line spacing; no extra spacing

between paragraphs (see template for more details)

Size: Not more than 1 page, including tables, references and illustrations.

One page space should be fully utilized with sufficient scientific information.

Papers with insufficient information will not be considered.

File format: Microsoft Word (Office 2003, 2007, 2010, 2016)

Acomodation

Limited accommodation for delegates will be available at BARC Guest Houses/Hostels, on payment basis. Delegates interested to stay at Private Hotels can do so directly with the hotel and inform us accordingly. Request for accommodation should be made at symposium website only after payment of registration fee. Accommodation for only one author per contributory paper will be provided. Accompanying persons, if any, are requested to make their own accommodation arrangement.

Participants are requested to make their own travel arrangements. Financial assistance by second class train fare for shortest route of travel may be available to a limited number of research scholars or students presenting paper, in case their establishment is unable to arrange for the same. Requests for financial assistance must be forwarded through the Director/Head of the parent institution to the Secretary, Symposium Organizing Committee, ISMC-2026, positively by October 31, 2026. On the spot requests for travel assistance will not be entertained.

Board of Research in Nuclear Sciences (BRNS)

Board of Research in Nuclear Sciences (BRNS) supports research and development activity in universities, institutes of higher learning and national laboratories in the fields relevant to the mandate of Department of Atomic Energy. BRNS also supports symposia, conferences, seminars and workshops in various areas of science and technology.

N.B. Landmarks can be identified in the enclosed map.

Society for Materials Chemistry (SMC)

The Society for Materials Chemistry (SMC) was established in 2007 following the successful organization of the 1st International Symposium on Materials Chemistry (ISMC-2006) at BARC, Mumbai and organized by the Chemistry Division, BARC. The SMC with its headquarter at the Chemistry Division, BARC is now a registered public trust, with more than 4,000 life members. The Society provides a common platform to young researchers and active scientists in the area of Materials Chemistry by arranging biennial symposia and National workshops. The 10th Interdisciplinary Symposium on Materials Chemistry (ISMC-2024) was held at BARC, Mumbai during 4-7, December, 2024. The 11th symposium in this series (ISMC-2026) is now being organised by Chemistry Division, BARC and SMC with the financial support from BRNS. Our sincere endeavour is to further strengthen and enrich the activities of SMC by organizing workshops and publishing newsletters, bulletins, and similar initiatives.



Patron

Vivek Bhasin, Director, BARC, Mumbai

National Advisory Committee

A. Awasthi, BARC, Mumbai	A. Kumar, BARC, Mumbai
R. Balamuralikrishnan, DMRL, Hyderabad	G. U. Kulkarni, JNCASR, Bengaluru
A. K. Balasubrahmanian, AERB, Mumbai	A. K. Lele, NCL, Pune
B. Basu, CGCRI, Kolkata	K. Maiti, IACS, Kolkata
V. P. Bhanage, RRCAT, Indore	S. K. Majumder, RRCAT, Indore
K. Bhanja, BARC, Mumbai	M. L. Mascarenhas, BARC, Mumbai
Y. K. Bhardwaj, BARC, Mumbai	J. P. Mittal, UM-DAE CEBS, Mumbai
P. Chaudhury, BARC, Mumbai	U. K. Mudali, HBNI, Mumbai
S. G. Chowdhury, NML, Jamshedpur	V. Naik, VECC, Kolkata
M. S. Deshpande, BARC, Mumbai	P. Nanekar, BARC, Mumbai
A. Dutta, INST, Mohali	H. R. Pimparkar, BARC, Mumbai
A. K. Dureja, BARC, Mumbai	D. D. Sarma, IISc, Bengaluru
A. K. Ganguli, IISER, Berhampur	K. Srinivasan, CSMCRI, Bhavnagar
A. Ghosh, CSMCRI, Bhavnagar	G. Sugilal, BARC, Mumbai
H. N. Ghosh, NISER, Bhubaneswar	A. K. Tyagi, HBNI, Mumbai
S. Gupta, TMH, Mumbai	D. Udupa, BARC, Mumbai
P. A. Hassan, BARC, Mumbai	S. Verma, IIT, Kanpur
V. Jayaraman, IGCAR, Kalpakkam	S. M. Yusuf, UM-DAE CEBS, Mumbai
K. Kapoor, NFC, Hyderabad	

Symposium Organizing Committee

A. C. Bhasikuttan, BARC, Mumbai	Chairman
N. Choudhury, BARC, Mumbai	Co-Chairman
V. Sudarsan, BARC, Mumbai	Co-Chairman
S. N. Sawant, BARC, Mumbai	Convener
A. M. Banerjee, BARC, Mumbai	Secretary
B. Modak, BARC, Mumbai	Jt. Secretary
P. P. Phadnis, BARC, Mumbai	Treasurer

A. Biswas, BARC, Mumbai	R. Acharya, BARC, Mumbai
A. K. Satpati, BARC, Mumbai	R. Ganguly, BARC, Mumbai
B. S. Patro, BARC, Mumbai	R. Mishra, BARC, Mumbai
C. Majumder, BARC, Mumbai	R. V. Pai, BARC, Mumbai
D. Jain, BARC, Mumbai	S. A. Kumar, BARC, Mumbai
J. A. Mondal, BARC, Mumbai	S. C. Parida, BARC, Mumbai
J. Mohanty, BARC, Mumbai	S. Dey, BARC, Mumbai
K. Dash, NCCCM, Hyderabad	S. N. Achary, BARC, Mumbai
K. K. Swain, BARC, Mumbai	S. Nath, BARC, Mumbai
M. C. Rath, BARC, Mumbai	S. Nigam, BARC, Mumbai
M. Kumbhakar, BARC, Mumbai	S. Varma, BARC, Mumbai
M. R. Pai, BARC, Mumbai	T. Das, BARC, Mumbai
M. Singh, BARC, Mumbai	V. G. Gupta, BARC, Mumbai
P. G. Jaison, BARC, Mumbai	V. K. Aswal, BARC, Mumbai
P. Mathi, BARC, Mumbai	V. Kumar, BARC, Mumbai

Full Name : _____

Date of Birth: _____
Place of Birth: _____
Father's/Husband's Name: _____

Designation & Affiliation: _____

Nationality : _____
Passport Number*: _____
Date & Place of Issue : _____
Passport Issuing Authority : _____
Expiry Date of Passport : _____
Present Address : _____

Permanent Address : _____

Telephone : (0) _____ (R) _____
FAX : _____ Email : _____

Date : _____ Signature : _____
To
Dr. Atindra Mohan Banerjee
Secretary, ISMC-2026
Chemistry Division, BARC
Mumbai-400 085, India
Telephone: +91-22-6929 2062 (0)
Email : antimb@barc.gov.in
Dr. Brindaban Modak
Joint Secretary, ISMC-2026
Chemistry Division, BARC
Mumbai-400 085, India
Telephone: +91-22-6929 9023 (0)
Email : bmodak@barc.gov.in

*Overseas participants may note that a Business VISA is required to attend the conference. Tourist VISA holders are not permitted to enter the conference venue.



Multipurpose Hall, Training School Hostel, is located in Anushaktinagar, the residential colony of Bhabha Atomic Research Centre (BARC), Mumbai. BARC is the premier multidisciplinary Nuclear Research Centre of India. Anushaktinagar is located at the north-eastern part of Mumbai city, which is well connected to other parts of India and to the rest of the world. Participants arriving by train may alight at Dadar, Mumbai Central, Mumbai CST, Kurla or Bandra Terminus. Those travelling by air will arrive at Chhatrapati Shivaji Maharaj International Airport. Anushaktinagar is about 20 km from Mumbai CST, less than 30 km from the other terminals, and about 20 km from the international airport. Black-Yellow-metered taxis are available at airports and railway stations. Delegates coming by flights are advised to take taxi from pre-paid taxi service kiosks at the airport. Taxi fares are based on tariff related to the meter readings. Anushaktinagar is also approachable by the harbour branch of local trains that start from Mumbai CST and pass through Mankurd station. Those availing local trains may alight at Mankurd station and take auto-rickshaw from there for reaching the BARC Guest House located at Anushaktinagar.
N.B. Landmarks can be identified in the enclosed map.

Mumbai City

Mumbai, previously known as Bombay, is a major metropolitan city, the state capital of Maharashtra and also the economic capital of India. It has historically evolved out from a group of seven islands in the Arabian Sea which lies off the northern Konkan coast on the west of Maharashtra. Bombay, which the king of Portugal gave as a dowry to Charles-II of England in 1661, has grown from marshy fishing village to a global cosmopolitan city. Today, it is inhabited by about 21 million people from all over the country. Mumbai's climate is warm and humid for most part of the year. The sky remains clear during November to February with temperatures generally within 15 to 25 degree Celsius. Lighter clothing suits with the weather.

Tourist attractions

The Asiatic Society of Mumbai, Bombay Natural History Museum, Bombay Stock Exchange, Elephanta Caves, Film City, Gateway of India, Haji Ali Dargah, Jehangir Art Gallery, Kanheri Caves, Marine Drive (earlier Queen's Necklace), Chowpatty Beach, Nehru Planetarium, ISKCON Temple, Vihar Lake, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (formerly Prince of Wales Museum), Sanjay Gandhi National Park (formerly Borivali National Park, CST (formerly Victoria Terminus), Bandra-Worli Sea Link and Mumbai Trans Harbour Link (MTHL), i.e., Atal Setu

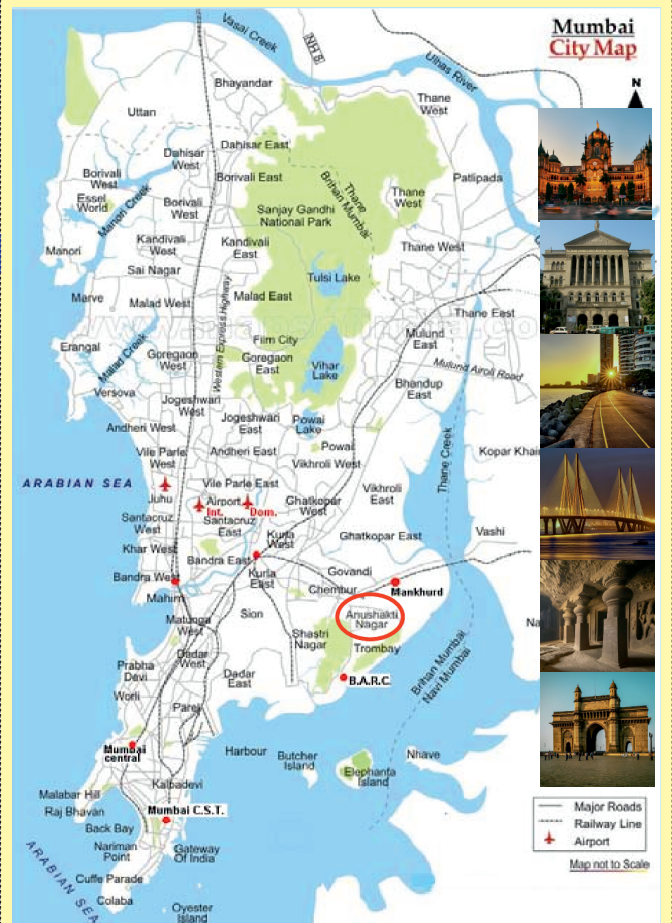
People, Art, Culture and Industry

A resident of Mumbai is called a Mumbaikar, Mumbaite or Bombayite. Life of an average Mumbaikar is very fast-paced. Mumbai is the birthplace of Indian cinema, with the oldest film made here in the early 20th century.

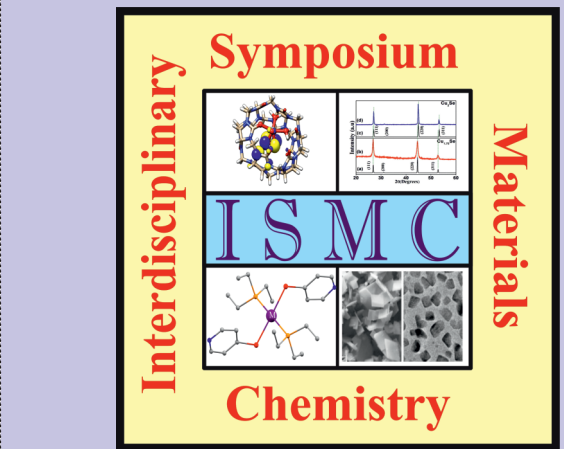
The city also has a thriving theatrical tradition in Marathi, Hindi, Urdu, English and other regional languages. Contemporary art is well-represented in both government funded art spaces and private commercial galleries. The government-funded art galleries include The Jehangir Art Gallery and The National Gallery of Modern Art. Built in 1833, the Asiatic Society of Mumbai is the oldest public library in the city. Being a cosmopolitan city both Western and Indian festivals are celebrated with great fanfare by residents of all communities and religions. Diwali, Holi, Christmas, Navratri, Good Friday, Eid, Dussera, Moharram, Ganesh Chaturthi, and Maha Shivratri are some of the most popular festivals in the city. Mumbai has a vast array of different industries which include pharmaceuticals, construction, engineering, metals, silks, glassware, printing, plastics, bikes and film. However, textiles are still Mumbai's largest industry. It also has a large petroleum industry. Nearly all of India's petroleum is marketed through Mumbai.

Academic & Research Organizations

There are several academic and research organizations in Mumbai and these include-Bhabha Atomic Research Centre (BARC), Tata Institute of Fundamental Research (TIFR), Indian Institute of Technology, Bombay (IIT, Bombay), Mumbai University, Institute of Chemical Technology (ICT), Tata Institute of Social Sciences, SNDT University, Institute of Science, Homi Bhabha National Institute (HBNI), Centre for Excellence in Basic Sciences (CEBS), etc..



11th Interdisciplinary Symposium on Materials Chemistry



ISMC-2026

December 8-12, 2026
Multipurpose Hall, BARC Training School Hostel (TSH),
Anushaktinagar, Mumbai-400094, India

Organized by  in Association with 
Chemistry Division, BARC Society for Materials Chemistry
Mumbai – 400085, INDIA Mumbai

Supported by 
Board of Research in Nuclear Sciences
Department of Atomic Energy
Government of India
Mumbai