

Advances in Water Chemistry, Biofilms, Biofouling and Corrosion Control (AWC-BBC 2026)

Organised by



Water & Steam Chemistry Division,
Chemistry Group,
Bhabha Atomic Research Centre

In association with



Society for Biofilms, Microbiome
and Water Research (SBMR)

Sponsored by



Board of Research in Nuclear
Sciences (BRNS)

16–19 DECEMBER 2026 | Convention Centre, Anupuram, Kalpakkam, Tamil Nadu

AWC-BBC 2026

The 2nd DAE-BRNS Conference on “Advances in Water Chemistry, Biofilms, Biofouling and Corrosion Control (AWC-BBC 2026)”, organized by the Water & Steam Chemistry Division, Bhabha Atomic Research Centre (BARC) and sponsored by the Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, will be held during December 16–19, 2026, at Anupuram Township, Kalpakkam, Tamil Nadu. The scientific programme will feature invited talks, contributed oral presentations, poster presentations, and parallel technical sessions spanning the diverse AWC and BBC themes, offering a dynamic platform for knowledge exchange, collaboration, and professional networking.

Important Dates

Abstract submission opens	01 Aug 2026
Last date for abstract submission	30 Oct 2026
Abstract acceptance notification	10 Nov 2026
Deadline for registration	20 Nov 2026

Accommodation

Accommodation will be available at DAE Guest Houses/Hostels in Anupuram and Kalpakkam at nominal charges on a first-come, first-served basis. Participants may also choose hotels in Mamallapuram, just 10 km from the venue, at their own expense, with transportation to the venue to be arranged by participants.

How To Reach ?

Chennai Airport: ~65 km
Chennai Central: ~70 km
Via ECR: Chennai–
Kalpakkam– Anupuram
(Mamallapuram: ~10 km from
venue)
Bus & cab services
available.

Registration Fee Payment Bank Details

Beneficiary name	BBC-2024
Account no.	43227808375
IFSC	SBIN0002219
BIC/ SWIFT Code	SBININBB298
Bank Name	State Bank of India
Branch & Code	Kalpakkam & 002219

Scientific Topics Covered

- ❖ Biofouling in industrial cooling water systems
- ❖ Microbiologically influenced corrosion
- ❖ Biocides, antifouling coatings, and cooling water treatment
- ❖ Medical biofilms and antimicrobial resistance
- ❖ Marine biofilms and marine biotechnology
- ❖ Bioremediation and effluent treatment
- ❖ Biological wastewater treatment
- ❖ Aerobic granular sludge and algal-bacterial granules
- ❖ Biotechnologies for critical metals & circular bioeconomy
- ❖ Water chemistry of power plants (NPPs)
- ❖ Operational experiences and chemical decontamination
- ❖ Corrosion and its control in industrial cooling water systems
- ❖ Flow-accelerated corrosion and its mitigation strategies
- ❖ Electrochemistry /radiation chemistry related to NPPs
- ❖ Chemical methods for separation and recovery of radionuclides
- ❖ Radioactive waste volume reduction
- ❖ Reactor water radiolysis
- ❖ Future trends in water chemistry

Patron

Shri. Vivek Bhasin, Director, BARC

Organising Committee

- ❖ A. C. Bhasikuttan, Chairman
- ❖ Y. V. Nancharaiah, Convener
- ❖ Puspallata Rajesh, Secretary
- ❖ Abdul Nishad, Treasurer

Registration Fee*

Faculty (Indian)	Rs.5000/-
PhD/ RA/ UG / PG	Rs.3000/-
Industry Personnel	Rs.7000/-

International Delegates USD300

*Registration fee covers abstract book soft copy, conference kit and refreshments (tea, coffee and meals) during the meeting.

Address For Correspondence

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