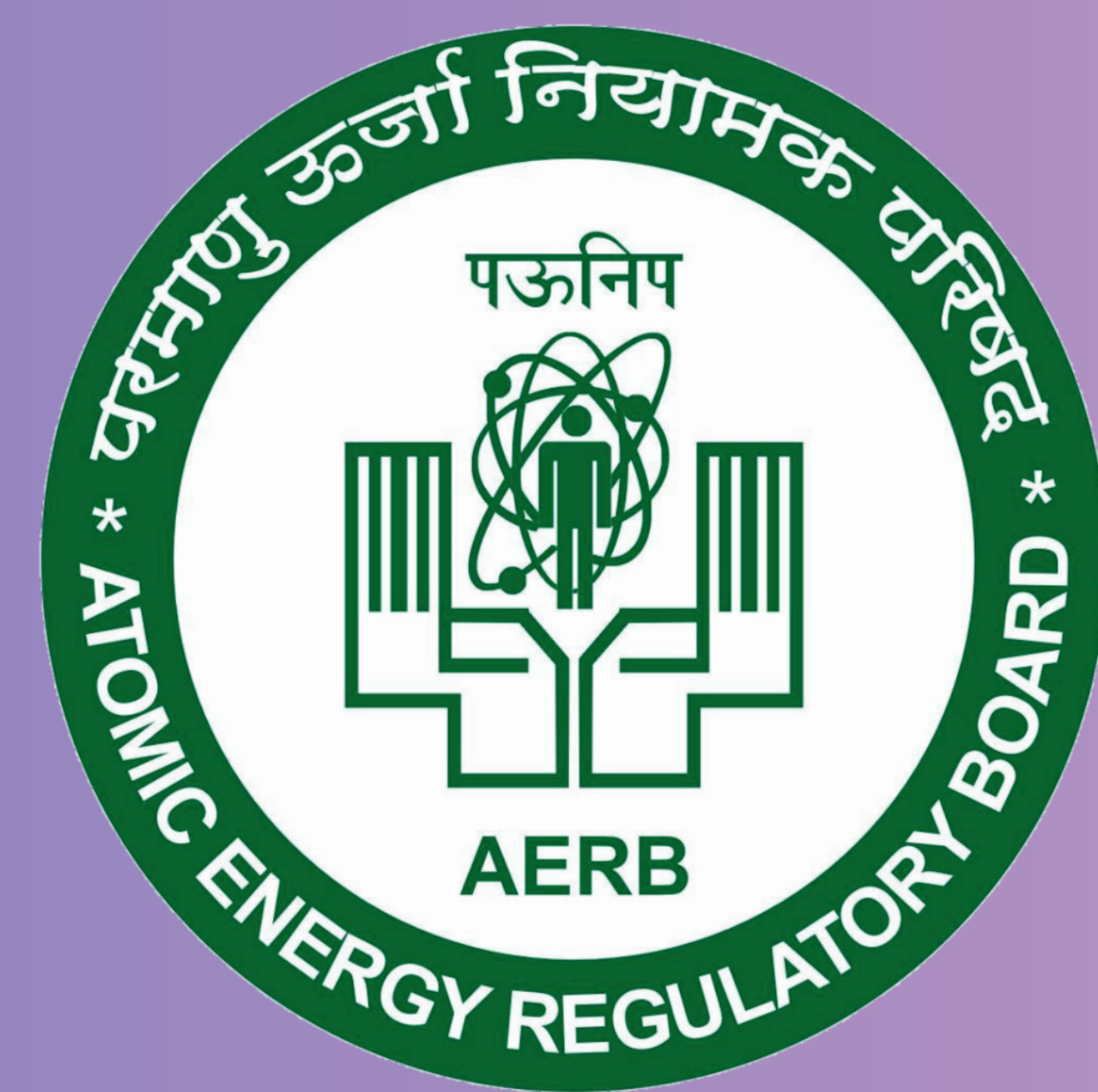




www.ins-india.org

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www.aerb.gov.in

INDIAN NUCLEAR SOCIETY'S ANNUAL CONFERENCE

in association with

ATOMIC ENERGY REGULATORY BOARD

INSAC-2024

Regulatory Framework for Nuclear Renaissance

November 19-21, 2024

DAE Convention Centre, Anushaktinagar, Mumbai-400094



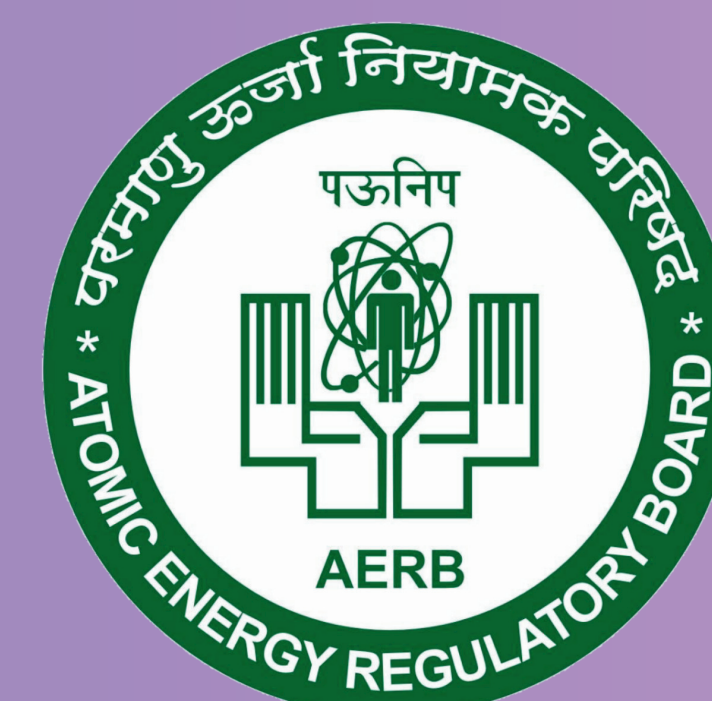
www.insac2024.org

+91-85912-74358

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ABOUT THE CONFERENCE

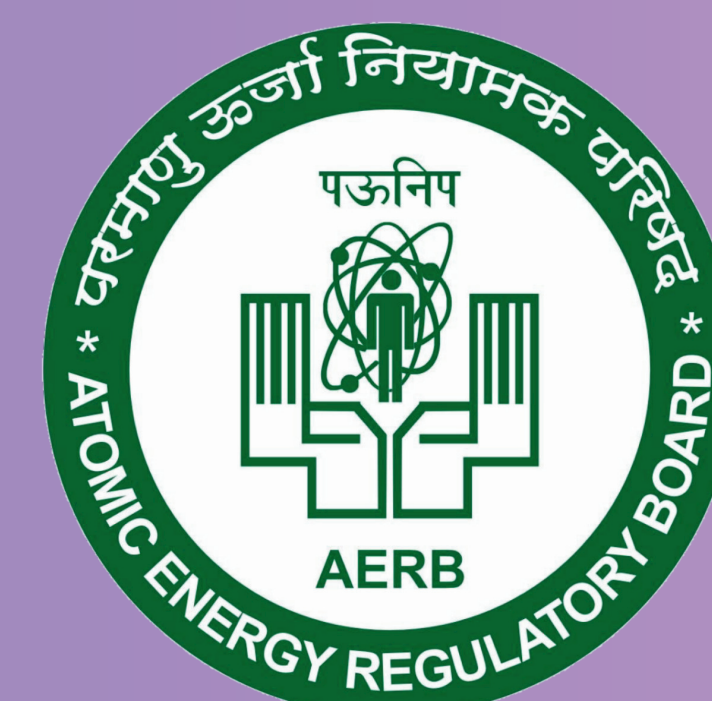
Nuclear power is witnessing resurgence in recent years and now viewed as an inevitable solution to address the global energy needs with net-zero emissions. At the COP28 meeting (Conference of Parties) held in December 2023 in the UAE, all participating nations pledged to work towards clean energy sources, including nuclear power. This upcoming nuclear renaissance has several dimensions, such as the deployment of advanced nuclear reactors like Fast Breeder Reactors (FBR), Small Modular Reactors (SMR), Molten Salt Breeder Reactors (MSBR), and Compact High-Temperature Reactors (CHTR). Additionally, several countries have realized the potential of nuclear power for generating green hydrogen as a carrier of energy. Furthermore, innovative application of radiation and radioactive sources has seen significant growth in India's medical and industrial sectors.

To realize the full potential of nuclear energy, concerted efforts are required to likewise develop regulations and deploy regulatory practices that ensure the highest safety standards. Realizing the critical importance of a robust nuclear regulatory framework for the safe and swift expansion of nuclear and its applications, the Indian Nuclear Society (INS) announces its Annual Conference on “Regulatory Framework for Nuclear Renaissance”. This conference, organized in association with the Atomic Energy Regulatory Board (AERB) of India, will feature expert talks, panel discussions, and contributory papers.





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ABOUT INS

The Indian Nuclear Society (INS) is a registered society of nuclear professionals, established in 1988, with over 5000 life members and 70 corporate members. INS aims to promote and effectively utilize nuclear science and technologies for the benefit of society while maintaining international safety standards. Since 1989, INS has been organizing annual conferences on topics of current interest in nuclear science and technology. The society also holds seminars, webinars, and poster competitions designed for outreach programs. Additionally, INS publishes a quarterly newsletter highlighting research and development in nuclear science and technology in India. INS has also conducted joint programs with international nuclear societies in the past. For more details, please visit www.ins-india.org.

ABOUT AERB

The Atomic Energy Regulatory Board (AERB) was established on November 15, 1983 by the President of India under the powers conferred by the Atomic Energy Act, 1962 to carry out regulatory and safety functions. The regulatory authority of AERB is derived from the rules and notifications promulgated under the Atomic Energy Act and the Environment (Protection) Act, 1986. The mission of AERB is to ensure that the use of ionizing radiation and nuclear energy in India does not pose undue risk to the health of people and the environment. For more details, please visit www.aerb.gov.in.



CONFERENCE TOPICS

- Regulatory framework for nuclear safety
- Challenges in safety review of 3-stage Indian nuclear program
- Experiences in safety review & licensing of 700 MWe PHWRs
- Graded approach in regulation of nuclear & radiation safety
- Challenges in regulating speedy deployment of nuclear energy
- Development of regulatory framework for new and emerging technologies
- Regulatory framework: Preparing for new entrants
- Safety and security interface challenges
- Regulator's role in building public trust and encouraging industry excellence
- Development of regulations and stakeholder participation
- Emergency preparedness and response: Requirement and planning for assurance of public safety (roles & responsibilities)
- Global initiatives on radiation safety in healthcare infrastructure
- Preventing unintended exposure, strengthening radiation safety culture and promote reporting and learning system
- Radiological safety preparedness in food processing industries
- Safety challenges in rapid growth of radiation applications in medical and industrial areas
- Safety research for regulatory decision making
- Regulatory oversight during manufacturing stage of the Nuclear installations
- Global synergy for enhanced nuclear safety and security in the nuclear renaissance
- Strengthening resources and expertise in regulatory body
- Leadership and management for safety



VENUE

DAE Convention Centre, Anushakti Nagar, Mumbai

DAE-Convention Centre is located close to the North Gate of BARC inside the Anushakti Nagar campus, which is the residential colony of the Department of Atomic Energy (DAE) located around 15-20 kms from the Airport and Railway stations. During November, the climate in Mumbai will be pleasant, temperature being close to 33°C (max) to 21°C (min).

ADVISORY COMMITTEE

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Shukla D.K., Chairman, AERB
Bhasin Vivek, Director, BARC
Pathak B.C., CMD, NPCIL
Karhadkar C.G., Director, IGCAR
Suresh Kumar K.V., CMD, BHAVINI

Kapoor Komal, CE, NFC
Mukherjee Pradip, CE, BRIT
Satya Kumar S., CE, HWB
Mudali Kamachi U., Vice Chancellor, HBNI
Kumar Anurag, CMD, ECIL
Jagatap B.N., President, INS

ORGANIZING COMMITTEE

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Chafle S.B., AERB (Co-Chairman)
Garg A.P., AERB (Convener)
Bansal Satyawan, INS (Co-Convener & Chairman, Local Organizing Committee)
Agrawal K.U., INS (Co-Convener)
Verma Mayank, INS (Conference Secretary)
Rama Rao A., INS (Convener, Scientific Program Committee)
Rai O.P., INS (Co-Chairman, Local Organizing Committee)
Nayak A.K., DAE
Aswal D.K., BARC

Chattopadhyay J, BARC
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Mishra P.K., INS
More N.S., INS
Murthy V.S.N., INS
Rajan M.G.R., INS
Rao Praveen K., INS
Dharmadhikari S.B., INS

Photograph of INS International Conference, INSIC-2023



REGISTRATION AND PARTICIPATION

People desirous of participating in INSAC-2024, need to register by paying registration fee that includes taxes. Registered participants (professionals, industry, academia, organizations, professional societies/bodies and general public) desirous of contributing their technical work may do so in the form of posters which will be on display in the venue of the conference. The template of the poster will be provided by INSAC-2024. The best posters will be awarded.

Limited number of accommodation can be arranged by INS. After completing the registration, the interested participants may enquire about accommodation through email to insac2024@aerb.gov.in

REGISTRATION FEES

Category	Per delegate (INR)
Regular delegates	3,000
INS life members	2,000
Retired INS members	1,500
Students	1,500

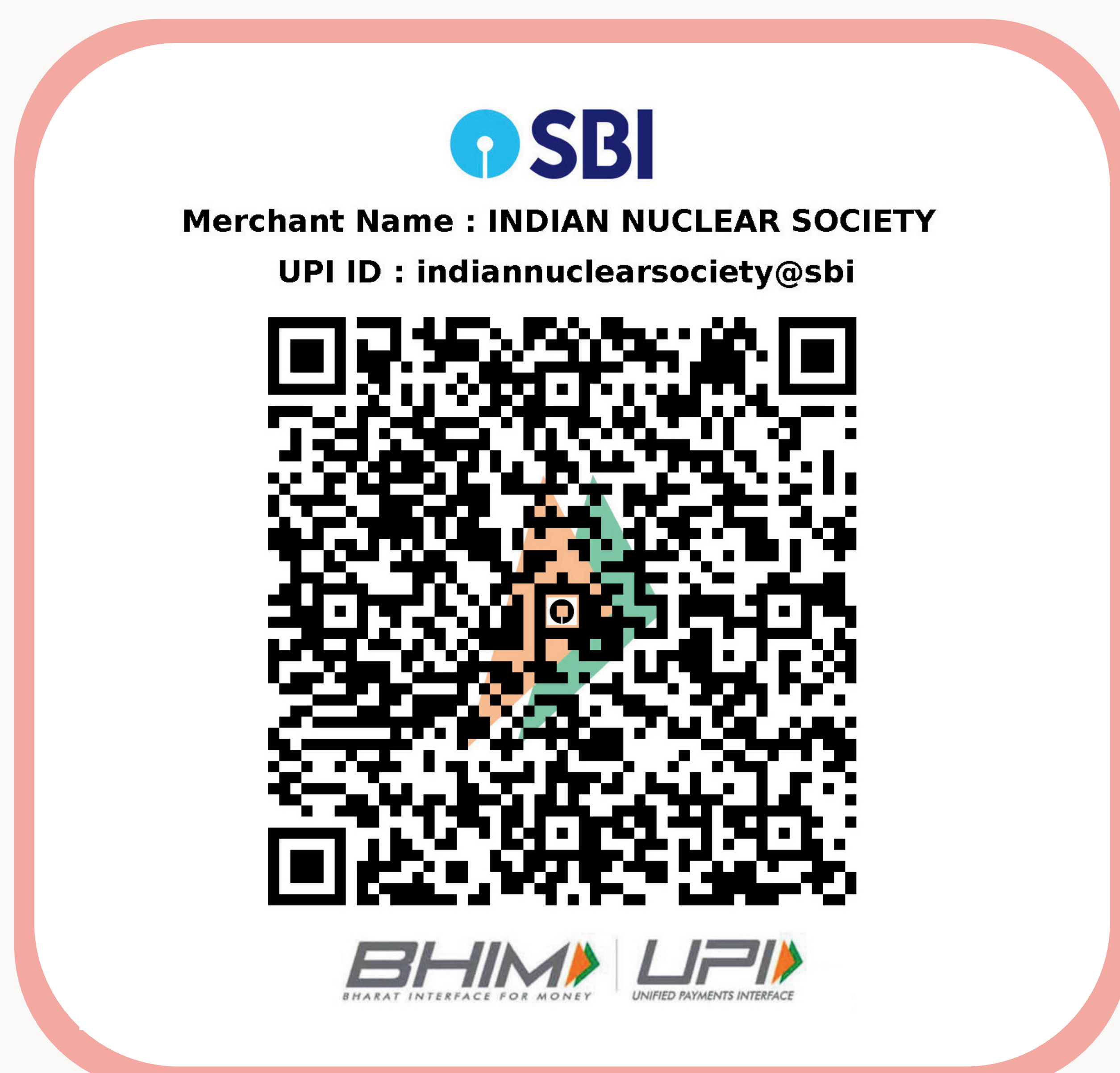
PAYMENT OF REGISTRATION FEES

The registration fee can be paid by Electronic Money Transfer as per the following details.

Account Details

Account Name	Indian Nuclear Society
Name of Bank	State Bank of India Anushakti Nagar Branch Mumbai - 400094, India
Account No.	31235059515
IFSC	SBIN0010124
UPI	indiannuclearsoc@sbi
Swift Code	SBININBB682 SMECHEMBUR(13340)

The transaction details should be provided in the Registration form.



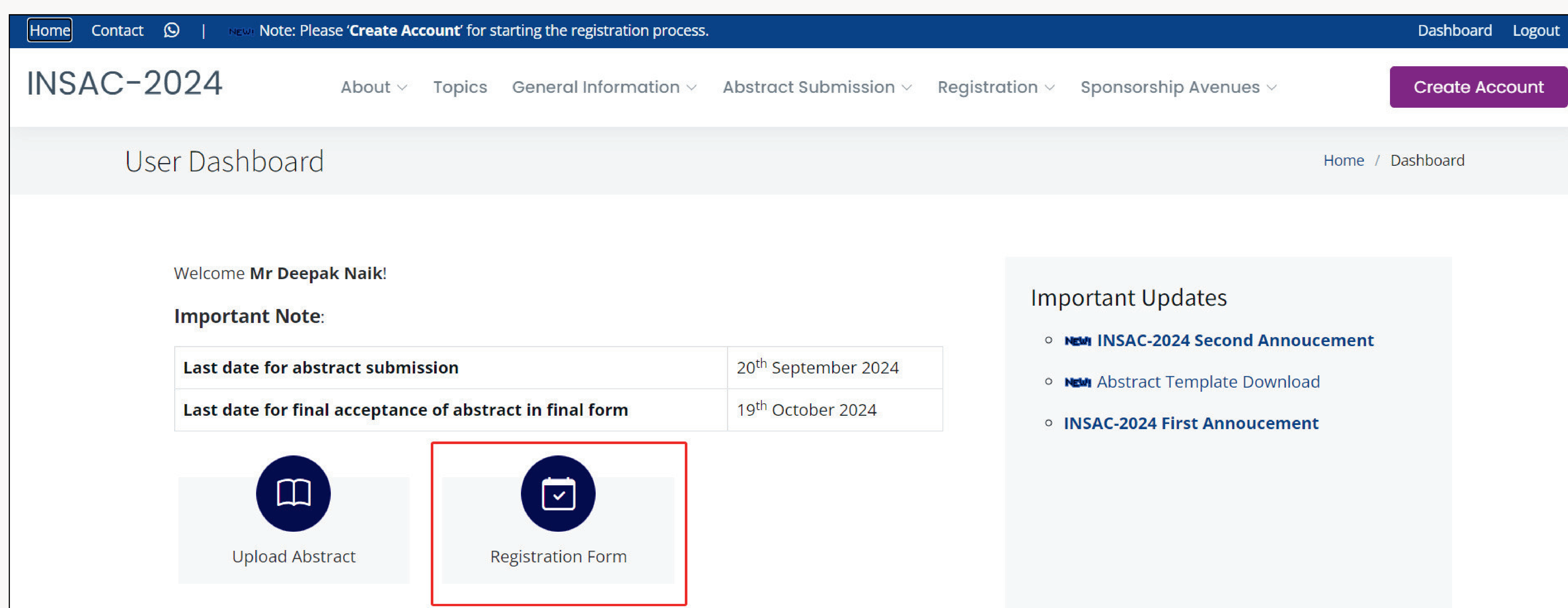
GST: 27AAATI1096C1ZX

PAN: AAATI1096C

How to register and participate?

Visit website www.insac2024.org

- **Create Account** to start the registration process. (You will receive password to access your account on email mentioned while creating account)
- Login to your account using password received on your email. After Login you will be redirected to your **Dashboard**.
- You will get the link to the **Upload Abstract** and the **Registration form** (Upload Registration / Payment details) on your dashboard.
- After your payment details are verified and approved by the organiser you will receive an email for acceptance of your registration and participation for INSAC-2024.

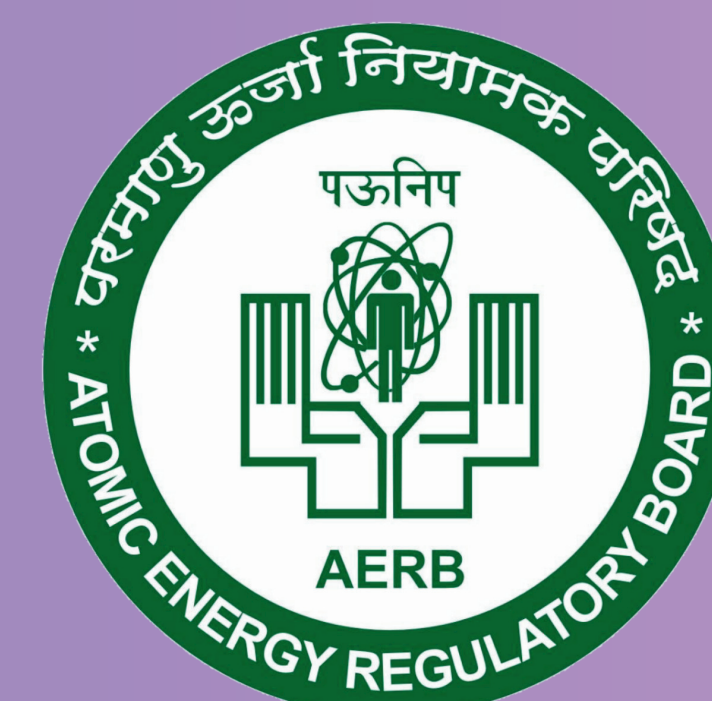


The screenshot shows the user dashboard for INSAC-2024. The user is logged in as Mr. Deepak Naik. The dashboard includes a navigation menu with options like Home, Contact, About, Topics, General Information, Abstract Submission, Registration, and Sponsorship Avenues. A prominent 'Create Account' button is visible. The main content area features a 'User Dashboard' header, a welcome message, and an 'Important Note' section with a table of submission deadlines. Below this, there are two main action buttons: 'Upload Abstract' and 'Registration Form', with the latter highlighted by a red box. An 'Important Updates' section on the right lists recent announcements.

Important Note:	
Last date for abstract submission	20 th September 2024
Last date for final acceptance of abstract in final form	19 th October 2024



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INSTRUCTIONS FOR ABSTRACT SUBMISSION

All Abstract submissions should conform exactly to the format of the template available in the website.

- Please use the editable template by copying and pasting or by writing freely into the template; this template ensures that all your data is in the correct format required for preparing the Abstract Book for **INSAC-2024**.
- The extended abstract of the Contributory papers, should not exceed TWO pages including figures and references. The references in the paper should follow the format in the template.
- Good quality figures should be inserted, with an appropriate figure caption.

Kindly save this file and maintain it as a word file.

Upload your abstract to the conference website at:

<https://insac2024.org/>

SPONSORSHIP

Category	Charges	Entitlements
Platinum	INR 5L	2 Stalls (3m x 2m) + 3 Delegates + One Full Inside Cover Page Advertisement in Souvenir
Gold	INR 3L	1 Stall (3m x 2m) + 3 Delegates + One Full Inside Page Advertisement in Souvenir
Silver	INR 2L	1 Stall (3m x 2m) + 2 Delegates + One Full Inside Page Advertisement in Souvenir

EXHIBITION

Category	Charges	Entitlements
Stall (3m x 2m)	INR 1L	2 Delegates Free

ADVERTISEMENT (ALL IN COLOR)

Back Cover	INR 75,000/-
Back Inside Cover	INR 60,000/-
Front Inside Cover	INR 60,000/-
Full Page	INR 50,000/-
Half Page	INR 40,000/-



INDICATIVE PLAN OF STALLS AT THE CONFERENCE VENUE

