

## Summary Report

Indian Nuclear Society Webinar on

### "The Legislative Framework for Nuclear Energy in India" by Dr. R.B. Grover

Conference Room, TSH, Anushaktinagar

Saturday, 10 January 2026, 11:00am – 1:00pm

The webinar commenced with a welcome address by **Shri S.K. Bhatia, Secretary, INS**, who warmly welcomed the **Guest of Honour**, the **Speaker**, Executive Committee (EC) members, Life Members of INS, and participants joining both in person and through the online platform.

This was followed by the address from **Prof. Manchanda, President, INS**, who outlined the objectives and key activities of the Indian Nuclear Society (INS) and provided a brief overview of the webinar, including an introduction to the eminent guests. He also paid tributes to the two doyens of Indian Atomic Energy, Dr. M.R. Srinivasan and Dr. R.C. Chidambaran who played very significant roles in mentoring INS in its years of infancy.

The programme was coordinated by **Dr. H. Mishra, Member, EC, INS**. The **Guest of Honour, Shri A.K. Balasubrahmanian, Chairman, AERB**, and the **Speaker, Dr. R.B. Grover, Member, Atomic Energy Commission**, were formally felicitated by the Secretary, Treasurer, and EC members of INS with mementos, shawls, and plant saplings.

On this occasion, the INS Newsletter (October–December 2025 issue) was formally released by the eminent guests. The dedicated efforts of **Dr. A. Rama Rao, EC, INS** (Editor, INS Newsletter), along with the members of the Editorial Board, were duly acknowledged and appreciated.

The eminent guests were formally introduced by **Dr. Archana Mishra, Member, EC, INS**. In his address, the **Guest of Honour**, Shri A.K. Balasubrahmanian, shared insightful views on the pivotal role of INS in promoting awareness about nuclear science and technology and highlighted its increasing relevance in the present national and global context.

Subsequently, **Dr. R.B. Grover** delivered an in-depth lecture on "*The Legislative Framework for Nuclear Energy in India*." He elaborated on the **SHANTI Act (Sustainable Harnessing and Advancement of Nuclear Energy for Transforming India Act, 2025)**, describing it as a landmark reform that consolidates regulation, enforcement, civil liability, and dispute resolution into a single statutory framework. He emphasized that while the Act enables private sector participation in the construction and operation of nuclear power plants, the core responsibilities continue to remain with the Central Government. He further highlighted the clear distinction between licensing to establish a nuclear facility by Government of India

(Department of Atomic Energy) and authorisation to operate it safely by AERB, a statutory body under SHANTI act. The lecture comprehensively covered the key provisions, safety, security and safeguards, and implications of the SHANTI Act, underscoring India's commitment to responsible management of nuclear facilities.

The presentation was followed by an interactive **questionandanswer session**, coordinated by **Dr. H. Mishra, Dr. S. Gangotraand Prof. Indira Priyadarshini** during which the speaker addressed a large number of queries raised by participants attending both physically and online.

The webinar was highly appreciated by the participants, with **45 attendees participating in person and 101 participants joining online**, reflecting strong engagement and interest in the subject. The online transmission and technical coordination of the webinar were efficiently managed by **Shri S. K. Sinha, Member, EC, INS**, ensuring the smooth conduct of the programme.

The programme concluded with a **Vote of Thanks** proposed by **Dr. H. Mishra**, who expressed sincere gratitude to the Guest of Honour and the Speaker for their valuable time and insightful contributions, as well as to theorganizers, INS EC/INS Life Members and participantsfor the successful conduct of the webinar. The event formally concluded with the **National Anthem**.

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