



होमी भाभा राष्ट्रीय संस्थान HOMI BHABHA NATIONAL INSTITUTE

(A Deemed to be University u/s 3 of UGC Act 1956 and
a Grant-in-Aid Institute of the Department of Atomic Energy, Govt. of India)



Dr. Sekhar Basu Memorial Lecture

September 24, 2026

Thursday

“Hybrid Mode”

Time: 11:00 AM

Venue: HRDD Conference Room,
Training School Complex,
Anushaktinagar, Mumbai

Speaker



Shri K. N. Vyas

Homi Bhabha Chair Professor &
Former Chairman, AEC
& Secretary, DAE

Title: “Efforts made to Design & Build a New Reactor”

Dr. Sekhar Basu was a very important member of a team, which was tasked to make a delivery of a reactor system. This was a very complex project having immense national importance. The lecture describes, in brief, about the contribution of various team members, with an emphasis on the specific contributions from Dr. Sekhar Basu. The intention is also to make young colleagues in the field of reactor engineering realize the intensity of efforts necessary to deliver a complex product.

In addition, the talk also tries to give a tribute to Admiral HG Rickover, of US Navy, who is the first person to have visualized the possibility of using nuclear reactors for submarine propulsion. He is recognised as the ‘Father of the Nuclear Navy’ & who has successfully run one of the most ‘technologically’ challenging program in the world.

Program Schedule

11:00 AM

Welcome Address
Prof. A.K. Tyagi
Dean, HBNI

11:05 AM

Opening Remarks
Prof. U. Kamachi Mudali
Vice Chancellor, HBNI

11:15 AM

Dr. Sekhar Basu Memorial lecture by
Shri K. N. Vyas
Homi Bhabha Chair Professor &
former Chairman, AEC & Secretary, DAE

Title: “Efforts made to Design & Build a New
Reactor”

11:55 AM

Vote of Thanks
Shri Hari Narayan Sahu
Registrar, HBNI

12:00PM

National Anthem

