

भारत सरकार Government of India
परमाणु ऊर्जा विभाग Department of Atomic Energy
आर एंड डी-III अनुभाग R&D-III Section

अणुशक्ति भवन, Anushakti Bhavan,
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January 01, 2025

NOTICE

Subject : Application for DAE- Homi Sethna Chair (HSC) Scheme.

Applications are invited for DAE- Homi Sethna Chair (HSC) Scheme from scientists/engineers and technologists retired from constituent units of DAE and its Aided Institutions who were involved in frontline research and/or development of sensitive and / or critical technologies in areas related to any of the topics indicated below:

a. Power Sector:

- Economics of nuclear power and strategy for reduction of cost of NPPs.
- Accelerating the nuclear power program
- SMR development and deployment.
- Gen IV reactor development for electricity production and hydrogen generation
- Education and training in nuclear safeguards and nuclear law
- Role of nuclear energy in achieving net zero target.
- Strategic planning for fuel management and utilization, (both safeguarded and unsafeguarded), fuel cycle, reprocessing and waste management
- Accelerator development and deployment.
- Nuclear Fusion
- Decommissioning of NPPs.

b. Non Power Sector:

- Radioisotope production and supply for healthcare, industry, agriculture, food preservation, sludge hygenisation, etc.
- Urban Waste Management
- Plastic Waste Management
- Critical minerals and materials
- Technology Innovation for special fuel development
- Research and policy for nuclear batteries
- Quantum computing, cyber security, etc.

c. R&D on Strategic and Critical sectors of importance for DAE:

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2. Details of the DAE-HSC scheme are available on DAE website.
3. The applications are on nomination basis. The head of the host institute interested in hosting the candidates shall send the nomination as a PDF attachment at the email id hscadmin@dae.gov.in. A hard copy of the same also needs to be sent to the undersigned.
4. The Head of the Host Institute shall ensure that the candidate fulfills the requirement as indicated in the scheme and nomination is submitted providing complete information.



(Konar Padma)

Under Secretary (R&D-II)