



JOIN US FOR THE  
**SYMPOSIUM**  
**ROLE OF NUCLEAR POWER IN  
INDIA'S ENERGY TRANSITION**

**ORGANISED BY**

**India Energy Network**

**MS Ramaiah University of Applied Sciences, Bangalore**

Scan this for  
Location (RTC,  
Peenya)



**Date:** Saturday, 8<sup>th</sup> February, 2025 | **Time:** 10:00 AM

**Venue:** MS Ramaiah University of Applied Sciences,  
Ramaiah Technology Campus (RTC) Peenya, Bangalore - 560058

# SYMPOSIUM ON THE ROLE OF NUCLEAR POWER IN INDIA'S ENERGY TRANSITION

India, the world's fastest-growing economy, is experiencing rapid urbanization, contributing to an increase in human development indices (HDI). With growing population and economic development, energy demand is expected to rise sharply by 2050. Currently, India consumes 1208 kWh of electricity per capita, much lower than countries like Singapore (9220 kWh) and China (4600 kWh). By 2047, India's energy demand is expected to require an installed capacity of 1375-1816 GW, a significant increase from the current 430 GW. To ensure a reliable, clean, and continuous energy supply, nuclear power is seen as a viable option to provide base load capacity.

The Government of India aims to achieve 100 GW of nuclear power, which presents numerous opportunities for industries but also poses challenges in policy, R&D (e.g., small modular reactors), technology development, vendor ecosystem creation, and financing. Public perception of nuclear power, especially fears about radiation, is a significant barrier. Overcoming these misconceptions and educating the public about nuclear energy's safety and benefits is crucial for accelerating nuclear power adoption in India.

Current symposium is organised to discuss these issues.

## ABOUT M S RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU

M S Ramaiah University of Applied Sciences (MSRUAS) is a premier educational institution located in Bengaluru, India, offering a range of undergraduate, postgraduate, and doctoral programs in engineering, management, applied sciences, and design. The university is known for its emphasis on practical learning, industry collaboration, and research innovation. With state-of-the-art infrastructure, experienced faculty, and strong ties to industry, MSRUAS aims to equip students with the skills necessary to meet the demands of the modern workforce and contribute to technological advancements across various sectors.



# ABOUT INDIA ENERGY NETWORK (IEN)

India Energy Network (IEN) works toward facilitating energy transitions in India by fostering collaboration among policymakers, researchers, industry professionals, and solution providers. IEN has conducted numerous workshops, conferences, and symposia to promote R&D, policy initiatives, and technology solutions. It has initiated collaborative projects between energy industries and academic institutions to address India's energy needs.

IEN recognizes the **importance of nuclear power** in energy transition of India, and plans to popularize the importance nuclear energy in Indian context in different sections of society. In this context, volunteers of IEN took up the task of translating the book "**Unreasoned Fear of Radiation**" authored by Dr A.K. Nayak, R.K. Sinha, and S.S. Munot to Kannada. IEN plans to hold programs to counter the myths around nuclear energy to create a favourable atmosphere in Indian society for nuclear power.

## SYMPOSIUM GOALS

The symposium aims to discuss nuclear power's role in India's energy transition, explore methods to popularize nuclear energy, and address public misconceptions about nuclear safety. The event will help create a favourable atmosphere for nuclear power in Indian society.

### SCAN QR CODE TO REGISTER

(No registration Fee)



### SCAN HERE TO JOIN THE PROGRAM ONLINE

(You are most welcome to join the event in person)



## SYMPOSIUM SCHEDULE

**09:30 AM**

Registration - Tea/Coffee Networking

**10:00 AM**

Inaugural & Technical Session

**11:45 AM**

Tea/Coffee Networking

**12:15 PM**

Release of Kannada Translation of 'Unreasoned Fear of Radiation'

**1:00 PM**

Methods to Popularize Nuclear Energy among the Public

**1:30 PM**

Networking and Lunch



# SPEAKERS & PANELISTS INCLUDE

## **Dr. A.K. Nayak**

Head, Nuclear Controls and Planning Wing, Department of Atomic Energy,  
Government of India

## **Prof. R. Srikant**

National Institute of Advanced Studies

## **Mr. N. Rama Mohan**

Executive Director (Retd.), Nuclear Power Corporation of India

## **Dr. Tejaswini Anant Kumar**

Chairperson of Board of Governors of the Indian Institute of Engineering  
Science and Technology, Shibpur, West Bengal. Managing Trustee of Adama Chetana Foundation

## **Mr. Kailash Agarwal**

BARC. Director, Nuclear Recycle Group, Specialist at IAEA

## **Mr. Durga Naik**

Head Quality Assurance , Nuclear Power Corporation of India

## **Prof. G. Jagadeesh**

Indian Institute of Science

## **Mr. Umesh Chandra**

Hon. Director, India Energy Network

## **Dr. S. Shamasundar**

MD, ProSIM R&D, Hon Director, India Energy Network

## **Mr. R. Raghavan**

Vice President & Business Unit Head - Power, Tata Consultancy Engineers Limited

## **Mrs. Sheetal Shivanand Bagwe**

Founder of SAMS Digital and Co-Partner of Sundaram Publication

## **Mr. Alex Skripkin**

Director, GET Rosatom

## **Mr. Prakash Mattihalli - KAS**

Secretary, Karnataka Border Area Development Authority

## **Ms. Tania Sikdar**

Manager - CESC RP Sanjiv Goenka Group

## **TARGET AUDIENCE**

The symposium will bring together policymakers, industry professionals, scientists, engineers, R&D experts, academics, students, and NGOs focused on energy and the environment.

## **COORDINATORS**

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