



**Indian National Science Academy
&
National Centre for Good Governance**



**Leadership Development Programme
in
Science and Technology (LEADS)**

08-14 July, 2024



About LEADS

The Leadership Development Programme in Science and Technology (LEADS) is designed for scientists working in the field of science and technology in various laboratories. The goal of the programme is to build the capacities of participating scientists for leadership and good governance in scientific institutions/ laboratories and expose them to the latest knowledge and skills to manage these institutions/ laboratories for maximum outputs to meet national priorities and goals. The programme will enhance the leadership capacity of scientists of age group of 40–50 years and enable them to assume leadership roles in future in the field of science and technology. It is open to scientists with promising research credentials from various scientific institutions like DST, DBT, CSIR, ICMR, DAE, DRDO, ICAR, research laboratories, IITs, IISER, Central Autonomous Institutions, etc.

The one-week (7 days) fully residential programme will be held at INSA, New Delhi, and is designed to provide exposure to scientists to take up leadership roles in future. Throughout the programme, participants will gain a deep understanding of various topics, like institution building, statutory functions, governance, excellence in research, management, gender/ diversity issues, Scientometrics, recruitment and mentoring of scientific human resources, industry laboratory collaboration, financial management, interpersonal relations, national needs, resource generation, administration, digital governance, etc. Participants will also be exposed to challenges that they are expected to face in science & technology administration. They will also learn how to lead teams effectively, manage resources, and develop strategies to achieve organizational goals. In addition, efforts will be made to build their capacities to handle stress, problem-solving, build effective teams, manage conflicts that may arise within organizations, developing communication skills, understanding and coping with the complexity and challenges of governance in organization, financial & general administration, etc.

The first and second batch of LEADS jointly organized by INSA and NCGG from 12- 18 July 2023 and 01 - 07 April 2024 respectively at INSA, New Delhi. In each batch, forty-four (44) participants were selected from various labs and institutions across the country. These participants, comprised of senior scientists/ professors from government laboratories and academic institutions engaged in cutting-edge technology development across diverse domains, brought with them substantial administration experience. The main objective of the programme was to empower and nurture emerging leaders in various fields in Science & Technology.



Science is global. Einstein's equation, $E=mc^2$, has to reach everywhere. Science is a beautiful gift to humanity, we should not distort it."

— A.P.J. Abdul Kalam

Programme Highlights

Programme Outline

The objective of the course is to equip future science and technology leaders with skills in the field of science, technology and innovation and is designed for scientists who have the potential to play a leadership role in the future. Each session in this 7-day programme would combine lectures and discussion, including case studies. The aim is to build the capacity of participants and prepare them for the challenges faced at leadership positions. The course focuses on the following areas:

- Scientific leadership
- Administration
- Establishment, HR/Vigilance
- Management
- Financial Management, Accounting & Audit
- Legal matters, Parliamentary Affairs, RTI, etc.

Eligibility Criteria

- Age between 40 - 50 years
- Evidences of contributions to innovation, such as patents, publications, or successful project implementations
- Have a minimum of three years of experience in the administrative matters
- Recognition or awards for achievements in the field of Science & Technology
- Candidates who have current supervisory or project management responsibilities or candidates who have current lead responsibilities over a laboratory or research project(s)
- Strong communication skills, including the ability to convey complex scientific or technical information to diverse audiences
- Have a record of impeccable integrity

Application Process

To complete the application process, candidates must ensure that they have the following documents ready for final submission:

- A high-quality coloured passport-sized photograph
- A detailed professional CV in PDF format
- A recommendation letter from the Head of the institution confirming that the candidate will be granted leave to attend the programme, if selected
- A forwarding letter from the candidate's organization

Selection Process

Candidates will be selected by a selection committee. Selection will be based on factors including recognized leadership potential, demonstrated initiative and excellent performance. All the information filled by the applicants in the online application form will be taken into consideration, however the applicants' own answers to the question "Why are you interested in joining LEADS programme" will be the most critical elements of the selection.

Course Fee

Each sponsoring organization is required to deposit an amount of Rs. 75,000 (INR Seventy-Five Thousand), plus 18% GST=88,500/-, into the account of

Indian National Science Academy
State Bank of India
Indraprastha Estate,
Vikas Bhawan, New Delhi - 110002
Bank A/c No. (Savings): 38427276430
IFSC Code: SBIN001187

Logistics

Parent institutions and departments will be responsible for covering the travel costs of their participants, while the organizers will cover all other expenses such as boarding and lodging.

Programme Timeline

22
June
2024

Last date of Application Submission

24
June
2024

Intimation to the Selected Candidates

30
June
2024

Confirmation of Participation and Payment of
Course Fee

08
July
2024

Programme Commencement
(7 Days)



*He who can listen to the music in
the midst of noise can achieve great
things.”*

— Vikram Sarabhai

Team

Chief Patrons

	<p>Prof. Ashutosh Sharma President Indian National Science Academy (INSA) Institute Chair Professor Indian Institute of Technology, Kanpur Former Secretary, Dept. of Science & Technology, Gol</p>		<p>Shri V Srinivas, IAS Director General National Centre for Good Governance (NCGG) Secretary, Dept. of Administrative Reforms & Public Grievances and Dept. of Pension and Pensioners' Welfare Gol</p>
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Patron

	<p>Prof. Indranil Manna Vice President, Indian National Science Academy (INSA) Vice Chancellor BIT Mesra, Ranchi</p>		<p>Dr. Madhu Dikshit Vice President, Indian National Science Academy (INSA) THSTI National Chair</p>
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The science of today is the technology of tomorrow."

— C.V. Raman



Contact Team

Course Coordinators

	<p>Dr. Brajesh Pandey Executive Director Indian National Science Academy (INSA) Bahadur Shah Zafar Marg New Delhi- 110 002 Tel: +91-011-23235153 Email: exe.director@insa.nic.in</p>		<p>Prof. Jayant Singh Poonam and Prabhu Goel Chair Professor Department of Chemical Engineering Indian Institute of Technology, Kanpur Email: jayantks@iitk.ac.in</p>
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Co-Coordinators

	<p>Dr. Gazala Hasan Assistant Professor, NCGG Old JNU Campus New Mehrauli Road New Delhi-110067 Tel: +91-011-2616 9136 – 39 Email: ghazala.hasan@nic.in</p>		<p>Shri Sunil Zokarkar Deputy Executive Director Indian National Science Academy (INSA) Bahadur Shah Zafar Marg New Delhi-110002 Tel.: +91-011-23221971 Email: insahr@insa.nic.in</p>
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About INSA

The Indian National Science Academy (INSA) was established in 1935, an autonomous institute under Department of Science and Technology, Government of India. Its mandate is to promote science in India, identify and nurture scientific talent, and leverage scientific knowledge for the betterment of humanity and the country's welfare. For more than eight decades, INSA has served as an enabler, a think tank, and a mentor for Indian science, prioritizing service to society.



INSA leverages the collective knowledge resources of its 1,000+ fellows who specialize in various branches of science, including physical, chemical, biological, agricultural, medical, and inter-disciplinary sciences, and the history of science. The academy organizes seminars, conferences, workshops, training programmes, and lectures that address issues of national and societal significance, leveraging the scientific expertise of its Fellows. Through its Inter-academy activities, INSA conducts refresher courses and training programmes for teachers and has released several reports, policy papers, books, and journals.

About NCGG

The National Centre for Good Governance (NCGG) was set up in 2014 by the Government of India as an apex-level autonomous institution under the auspices of the Department of Administrative Reforms & Public Grievances, Ministry of Personnel, Public Grievances and Pensions, Government of India. The Centre traces its origin to the National Institute of Administrative Research (NIAR), which was set up in 1995 by the Lal Bahadur Shastri National Academy of Administration (LBSNAA), the Government of India's topmost training institute for civil services. NIAR was subsequently rechristened and subsumed into NCGG.



NCGG deals with a gamut of governance issues from local, state to national levels, across all sectors. The Centre is mandated to work in the areas of governance, policy reforms, capacity building and training of civil servants and technocrats of India and other developing countries. It also works as a think tank. NCGG has its head office in New Delhi and a campus in Mussoorie.



NCGG_Gol



NCGGIndia



www.ncgg.org



INSA_academy



Indian National Science Academy



<https://insaindia.res.in>