

INYAS: From a Decade of Excellence to a Future of Possibilities

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The Indian National Young Academy of Science (INYAS) has been actively shaping the landscape of science outreach and public engagement ever since its inception in December 2014. As the country's only academy representing young scientists, it has steadily facilitated conversations across research communities, industry, and policy circles, always guided by its belief that science must ultimately serve society.

In the past decade, INYAS has hosted a vibrant mix of symposiums, conferences, workshops, and training programmes across India. Last year's celebration of its ten-year journey marked not just a milestone, but the start of a new phase filled with fresh ideas and renewed enthusiasm. With more than 2,000 people participating from India and abroad, its activities have reached classrooms, research labs, universities, and even remote rural clusters—showcasing both the reach of its efforts and the sincerity of its mission. The three flagship programmes—RuSETUP, PRAYOJAN, and WiSDom—have naturally grown into the pillars of INYAS's work. RuSETUP, continues to strengthening science learning in under-resourced areas through hands-on activities and field-level capacity building. PRAYOJAN 2025 helped young scientists navigate the often-confusing paths across research, academia, and industry by opening doors and offering mentorship when it mattered most. WiSDom, on the other hand, keeps the spotlight on gender equity by celebrating women scientists and helping create a more supportive ecosystem for women researchers. Together, these initiatives highlight the academy's commitment to an inclusive, fair, and nurturing scientific environment.

Alongside these efforts, INYAS has put considerable energy into capacity-building programmes that train young researchers in grant writing, effective science communication, and modern research techniques. Its outreach work with schools and rural communities has also helped spark curiosity, build awareness, and encourage sustainable practices at the ground level.

INYAS's presence has grown internationally as well. Co-hosting the 2025 Global Young Academy Annual General Meeting and the International Conference of Young Scientists (in partnership with IIT Hyderabad, GYA, and INSA), taking a leadership role in the Network of Asia-Pacific Young Academies (NAYA), and joining the InterAcademy Partnership (IAP) as a Young Affiliate have all strengthened India's voice in global scientific conversations.

Recently, the academy concluded its mid-year meeting and technical symposium, “Advances in Science and Technology for Sustainable Future (ASTSF-2025),” held from 18–20 September 2025 at Vellore Institute of Technology. The event brought together sessions on climate science, agriculture, healthcare, clean energy, and materials research, along with panel discussions that explored how young scientists can contribute to governance and strengthen collaboration between industry and academia.

Speaker Profile:

Dr. Nishant Chakravorty (MBBS, M. Med Sci and Tech, PhD, FRSB), Associate Professor at IIT Kharagpur, currently serves as the Chairperson of INYAS. He is a physician-scientist by training and leads the Regenerative Medicine lab at School of Medical Science and Technology, IIT Kharagpur. He was selected as a Young Physician Leader in 2021 by IAP to represent India. He serves as an Editorial Board member for several prestigious international journals including Nature Scientific Reports, PLOSONE, The Nucleus, Molecular Biology Reports. Other notable achievements include, the Outstanding Doctoral Thesis Award - Executive Dean's Commendation Award from Science and Engineering Faculty, QUT, Australia and the prestigious Institute Silver Medal from IIT Kharagpur.