



**Nomination for INSA Medal for Young Scientists  
of the  
Indian National Science Academy**

The undersigned nominates the following scientist as a candidate for the INSA Medal for Young Scientists:

**Name of the Nominee:**

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Nominated by:

Name :

Designation:

Official address:

Signature : \_\_\_\_\_

Please check one of the following:

Fellow of INSA ☐

Young Scientist Awardee ☐

Head of Institution ☐

Others ☐ if others, please mention (Fellows of national academies/faculty members of universities and institutes/scientists at research institutes and national laboratories).

\_\_\_\_\_  
Remarks:

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## Biographical Details

*(Before filling this form please read explanatory notes and instructions provided at the end)*

1. Name in full:  
(Surname followed by forenames)

2. Date of birth:  
Age: \_\_\_\_\_ years \_\_\_\_\_ (as on 31st December of preceding the year of award)

3. Nationality:

4. Field of specialization:

5. Designation:

6. Address

(a) Official:

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(b) Residential:

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(c) Corresponding address:

Official ☐

Residential ☐

Email:

Tel:

Mobile:

7. Sectional Committee:

8. Academic career and professional attainments:

(a)	Degree	Institution	Year	Remarks



(b)

Positions held	Institution	From (year)	To (year)	Remarks

(c) Awards and recognitions

9. Research experience

10. Statement of research contributions to be considered for the Medal (500 words)

11. List of publications and patents

No.	Paper details	Remarks
1.		
2.		
3.		
4.		
5.		



***Explanatory notes for filling the nomination form:***

Additional information for filling some of the items in the form are given below:

2. A self-attested, scanned copy of a certificate of age should be attached along with the nomination.
7. Allocation of subjects to Sectional Committees is indicated on the last page.
8. (a) The proposer is requested to furnish, under this head, information regarding the nominee's degree and post graduate academic qualifications and distinctions beginning with the Bachelor's Degree. Additional rows may be added in the table if required. Please mention the name of the Ph.D supervisor. (b) Details of the positions held starting from post doctoral appointments until the present should be given, including names of post-doctoral supervisor(s). Additional rows may be added in the table if required. (c) Details of major awards and recognitions should be listed giving the name of the award, the awarding body and the year of the award.
9. The research carried out by the nominee should be summarized. If part of the work has been done abroad, please indicate the work done abroad and the work done in India
10. A brief statement, not exceeding 500 words, highlighting the research contribution for which the INSA Medal for Young Scientists is recommended by the proposer. The work done as an independent researcher in India alone will be the basis for consideration for the award. If part of the work has been done abroad, please indicate the work done abroad and the work done in India.
11. List of publications and/or patents of the nominee: mark five most significant publications with asterisk (\*). Information may be provided under three heads: (a) published papers; (b) papers accepted for publication; and (c) papers accepted for presentation in conferences. Please note that the manuscripts under preparation should not be mentioned. The list should clearly indicate the journal in which the paper was published, year of publication, page number and names of all authors.



### IMPORTANT INFORMATION

- **SCOPE:** INSA Medal for Young Scientists instituted in 1974 by the Indian National Science Academy and awarded annually are intended to honour talented young Indian scientists in recognition of their outstanding contributions in any branch of science or technology coming within the purview of the Academy. *The research carried out in India independently by the nominees will be taken into consideration for the award.*
- **NUMBER OF AWARDS:** The number of awards to be made in any year will be limited to 40.
- **AGE LIMIT:** Any citizen of India who has not attained the age of 40 years on December 31, of the year preceding the year of award, shall be eligible for the award.
- **SELECTION PROCEDURE:** Candidates recommended by the Sectional Committees will be invited to present their research work for consideration of the Committee which will meet in May. The candidates thus called for the presentation are entitled for II AC return rail fare and local conveyance as applicable. The evaluation and recommendation of the Sectional Committees are considered by the Council of the Academy which makes the final selection.
- **PRESENTATION OF THE MEDALS:** Each awardee will be presented a Medal, a certificate, and honorarium of Rs. 1,00,000/-. The presentation of Medals to selected awardees will be made by the President, INSA during the Anniversary General Meeting of the Academy in December. To receive the award, the awardees (along with spouse or one accompanying person) will be paid travel expenses to cover the actual II AC rail fare and local conveyance as applicable.
- **NOMINATION PROCEDURE:** Candidates may be nominated by Fellows of the Indian National Science Academy, previous recipients of INSA Medal for Young Scientists, Fellows of national academies, faculty members of universities and institutes and scientists at research institutes and national laboratories.
- The completed nomination form and pdf file of the certificate of age should be combined into a single pdf file named "LN-FN-yyyy.pdf", where LN is the last name and FN the first name of the nominee and yyyy is the year. The "Explanatory notes", "Information" and "Allocation of Subjects" should not be included in the file.
- Members of Sectional Committee in which the nominee is being considered and Council members may not propose or second a nominee during their tenure in accordance with the conflict of interest policy of the Academy. However, the Members may nominate if the nomination will be considered after their tenure ends.
- The nominator may please ensure that the nomination form is duly completed and information, as required by the Academy, is included.
- The nomination is to be returned duly completed in all respects by the Proposer to the Executive Director, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002, email: ytinsa@gmail.com, so as to reach not later than **15th December**.



- A nomination will remain valid for consideration for 3 years or the eligibility age whichever expires earlier. Renomination is not allowed.



### ***Allocation of Subjects to the Sectional Committees***

SECTIONAL COMMITTEE I: *Mathematical Sciences*: Applied Mathematics, Pure Mathematics, Theoretical Computer Science, Statistics and Operations Research.

SECTIONAL COMMITTEE II: *Physics*: Astronomy, Astrophysics, Nuclear and High Energy Physics, Atomic, Molecular and Optical Physics, Statistical Physics, Theoretical Physics, Mathematical and Computational Physics, Condensed Matter including Soft, Liquids and Nano Materials, Cosmic Radiation, Cosmology, Space Physics, Basic Planetary Sciences, Lasers and Optoelectronics, Plasma Physics, Solar Physics, Atmospheric Physics.

SECTIONAL COMMITTEE III: *Chemistry*: Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Theoretical and Computational Chemistry, Structural Chemistry, Chemistry of Materials, Medicinal and Pharmaceutical Chemistry, Bio-organic, Bio-inorganic and Bio-physical Chemistry.

SECTIONAL COMMITTEE IV: *Earth & Environmental Sciences*: Surface and Solid Earth Science, Applied Atmospheric Chemistry and Physics, Climate Sciences, Meteorology, Geo Engineering, Ocean Sciences, Geo Sciences and Applied Planetary Sciences.

SECTIONAL COMMITTEE V: *Engineering & Technology*: Electrical Engineering, Telecommunication Engineering, Electronics and Optoelectronics, Chemical Engineering, Civil Engineering, Environmental Engineering, Mechanical Engineering, Aeronautical Engineering, Metallurgical Engineering, Computer Science and Engineering including Software and Data Science, Information Science and Technology, Advanced Materials (such as Bio-materials, Hybrid Materials and Nano Materials), Polymer Science & Engineering.

SECTIONAL COMMITTEE VI: *General Biology*: Taxonomy, Structure, Ecology, Environmental Biology, Evolution and Behaviour of Plants, Animals and Microbes including Unicellular Eukaryotes.

SECTIONAL COMMITTEE VII: *Molecular and Cellular Biology*: Cell Biology, Physiology, Development, Genetics, Genomics and other Omics of Plants, Animals and Microbes including Unicellular Eukaryotes.

SECTIONAL COMMITTEE VIII: *Biomolecular, Structural Biology and Drug Discovery*: Biochemistry, Biophysics, Molecular Biology, Pharmacology, Structural Biology, Bioinformatics, Computational Biology, System Biology.

SECTIONAL COMMITTEE IX: *Health Sciences*: Basic and Clinical Medical Sciences- Communicable and Non-communicable Diseases, Epidemiology, Anthropology, Psychology, Cognitive and Neurosciences, Medical Genetics and Genomics, Public Health, Nutrition, Immunology.

SECTIONAL COMMITTEE X: *Agricultural Sciences*: Agriculture, Horticulture, Forestry, Fisheries, Food Science, Veterinary Science, Pathogen Biology and Host Pathogen Interaction Both Plant and Veterinary Importance.