

**INSA MEDAL
FOR
YOUNG SCIENTISTS**

2020

*Information &
Nomination Format*

Last Date for receiving
Nominations

October 31, 2019



**INDIAN NATIONAL SCIENCE ACADEMY
NEW DELHI**

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 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 30.

AGE LIMIT

Any citizen of India who has not attained the age of 35 years on December 31, of the year preceding the year of award, shall be eligible for the award. Only those born on or after 1 January 1985 are eligible for consideration in the year 2020.

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 2020. 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 cash prize of Rs. 50,000/-. The presentation of Medals to selected awardees will be made by the President, INSA during the Anniversary General Meeting of the Academy in December 2020. 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, national scientific societies, university faculties, post-graduate departments or research institutions.

A nomination will remain valid for consideration for 3 years or the eligibility age whichever expires earlier. A nomination shall be made in the prescribed format (Annexure-I) along with all supporting documents. One hard copy (through speedpost/courier) and the soft copy of the nomination in MS-Word/ pdf (through e-mail at ytinsa@gmail.com), must reach the academy latest by **October 31, 2019**. Nominations, which are not complete or received after the due date, shall not be considered.

in which the paper was published, year of publication, page number and names of all authors.

(Please write a brief statement indicating your specific contribution in each of the multi-authored papers listed.)

12. Name and designation, e-signature and full address of a proposer of the nomination.

(The proposer should send a letter of nomination by email at ytinsa@gmail.com.)

13. Indicate the number of Sectional Committee to which, in the opinion of the proposer, the nomination should be referred

Sectional Committee (Number): _____

(Not more than one Sectional Committee may be indicated, for allocation, see Annexure-II).

Last date of receipt of nomination: *October 31, 2019*

Notes:

- a. **All candidates for the award should be nominated by a proposer; self-nominations will not be considered.**
- b. **A nomination will remain valid for consideration for 3 years or the eligibility age whichever expires earlier.**
- c. **The proforma should be neatly typewritten giving complete information about the nominee under each column.**
- d. **The last date is strictly followed; the nominee is advised to submit the following:**
 1. **One hard copy of the nomination papers (through speedpost/courier)**
 2. **Soft copy in MS-Word/pdf only through e-mail at ytinsa@gmail.com) well before last date.**

SUBJECT ALLOCATION TO 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 Bases of 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.