

# INDIAN NATIONAL SCIENCE ACADEMY

Bahadur Shah Zafar Marg, New Delhi-110002



## CALL FOR NOMINATIONS

### INSA MEDAL FOR YOUNG SCIENTISTS - 2017

Since 1974, the Academy has instituted **INSA Medal for Young Scientists** with the aim of recognizing young scientists of extraordinary promise and creativity who have made notable research contributions in Science and Technology. This award, considered to be the highest recognition of promise, creativity and excellence in a young scientist, is made annually to those distinguished for these attributes as evidenced by their research work carried out in India. Only those born on or after **January 1, 1982** are eligible for consideration in the year 2017.

The awardee shall receive a **certificate**, a **bronze medal**, cash award of **Rs. 25,000/-**.

A candidate may be proposed by a Fellow of the Indian National Science Academy or by earlier recipients of this award. Scientific societies of national standing, university faculty, post-graduate department or research institutions may also make nominations of eligible candidates.

Nomination proforma can be downloaded from website [www.insaindia.res.in](http://www.insaindia.res.in). One hard copy and a soft copy (in MS-Word only) of the nomination, along with all supporting documents, must reach the Academy latest by **October 31, 2016**.

**INSA MEDAL  
FOR  
YOUNG SCIENTISTS**

**2017**

*Information &  
Nomination Format*

Last Date for receiving  
Nominations

*October 31, 2016*



**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 1982 are eligible for consideration in the year 2017.

### **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 April 2017. The candidates thus called for the presentation are entitled for II AC return rail fare and local conveyance as applicable. Reimbursement will be made on production of tickets.

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**

The presentation of Medals to selected awardees will be made by the President, INSA during the Anniversary General Meeting of the Academy in December 2017. 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. Reimbursement will be made on production of tickets.

### **CASH PRIZE AND RESEARCH GRANT**

Each awardee will be presented a Medal, a certificate, and cash prize of Rs. 25,000/-.

The awardee within five years of receipt of award will be considered for a visit abroad with full support for presenting research work at conferences, or participating in

collaborative/training research projects (preferably up to a maximum of 10 days) wherever possible.

As part of their career development, those young scientists who have been unable to obtain suitable placement, may be considered for an interim Fellowship (amount depending on the qualification and research experience) and contingency of Rs 25,000/- per year. To avail this Fellowship, the awardee should be attached to some research/academic institution. The tenure of the Fellowship will be for a maximum period of three years.

## **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. However, a fresh nomination (only once) can be made, if the nominee has not yet crossed the age bar. A nomination shall be made in the prescribed format (Annexure-I) alongwith all supporting documents. Nominations, one hard copy and a soft copy in MS-Word only (in a CD/through e-mail at ytinsa@gmail.com), must reach the **Executive Director, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi-110002** latest by **October 31, 2016**. Nominations, which are not complete or received after the due date, shall not be considered.

**Proforma for Nomination for INSA Medal for Young Scientists - 2017  
(One Hard copy and a soft copy in MS-Word only to be submitted)**

1. Name: \_\_\_\_\_  
(in Block letters) Surname First Name Middle Name
2. Present Institutional Address with Telephone, Fax and E-mail  
(Any change may be immediately informed)
3. Address for Correspondence with Telephone (including Mobile No), Fax and E-mail
4. Date of Birth: \_\_\_ / \_\_\_ / \_\_\_  
dd mm yyyy  
  
Age: \_\_\_ Years \_\_\_ Months  
(as on 31st December 2016).  
  
Enclose only one copy of certificate of the age duly attested by Gazetted Officer/Head of Institution/Proposer.
5. Academic Qualifications (beginning with the Bachelor's Degree)
6. Details of Employment and Nature of Duties
7. Awards and/or other recognitions received (if any)
8. Field of Specialization
9. Research Experience
10. Statement about research contribution for which the INSA Medal for Young Scientists is recommended by the proposers (not exceeding 500 words)  
(the work done in India alone will be the basis for consideration for the award).  
If part or whole of work has been done abroad, please indicate:  
(i) Extent of work done abroad  
(ii) 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.

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

12. Name and designation, signature and full address of two proposers of the nomination.
13. Indicate the number of Sectional Committee to which, in the opinion of the proposers, 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, 2016*

**Notes:**

- a. **All candidates for the award should be nominated by two proposers; self nominations will not be considered.**
- b. **A nomination will remain valid for consideration for 3 years or the eligibility age whichever expires earlier. However, a fresh nomination (only once) can be made, if the nominee has not yet crossed the age bar.**
- 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 both hard copy (one set) and a soft copy in MS-Word only (in a CD/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.

**Sectional Committee – II:**

**Physics:** Astronomy, Astrophysics, Condensed Matter Physics, Nuclear and High Energy Physics, Atomic, Molecular and Optical Physics, Statistical Physics, Space Physics.

**Sectional Committee – III**

**Chemical Sciences:** Analytical, Inorganic, Organic, Physical and Theoretical Chemistry.

**Sectional Committee – IV:**

**Earth & Planetary Sciences:** Surface and Solid Earth Science, Atmospheric Science, Ocean Science and Planetary Science.

**Sectional Committee – V:**

**Engineering & Technology:** Electronics, Electrical, Mechanical, Chemical, Civil, Aeronautical, Telecommunication and other branches of Engineering, Computer and Information Sciences and Technology Development.

**Sectional Committee – VI:**

**Material Sciences & Engineering:** Materials including Composites, Nano Materials, Biomaterials, Materials Chemistry and Materials Engineering.

**Sectional Committee – VII:**

**Plant Sciences:** Taxonomy, Structure, Function, Physiology, Development, Genetics, Ecology and Evolution of Plants.

**Sectional Committee – VIII:**

**Animal Sciences:** Taxonomy, Structure, Function, Physiology, Development, Genetics, Ecology, Behaviour and Evolution of Animals.

**Sectional Committee – IX:**

**Microbiology and Immunology:** Biology of Viruses, Bacteria and Parasites, Microbial Genetics and Genomics, Immunology.

**Sectional Committee – X:**

**Cell and Biomolecular Sciences:** Biochemistry, Biophysics, Cell Biology, Molecular Biology, Structural Biology, Bioinformatics, Systems Biology, Biotechnology.

**Sectional Committee- XI:**

**Health Sciences:** Basic and Clinical Medical Sciences, Anthropology, Psychology, Human Genetics, Public Health, Nutrition.

**Sectional Committee – XII**

**Agricultural Sciences:** Agriculture, Horticulture, Forestry, Fisheries, Veterinary Science.