

**INSA MEDAL
FOR
YOUNG SCIENTIST**

2012

*Information &
Nomination Format*

Last Date for receiving
Nominations

October 31, 2011



**INDIAN NATIONAL SCIENCE ACADEMY
NEW DELHI**

INFORMATION

SCOPE

INSA Medal for Young Scientist 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 1977 are eligible for consideration in the year 2012.

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 March/April 2012. The candidates thus called for the presentation are entitled for I class/II AC sleeper return rail fare from place of duty in India to Delhi and back and per diem according to the rules of the Academy.

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 2012. To receive the award, the awardees will be paid I class/II AC sleeper return rail fare and ground transport as well as a daily allowance admissible according to INSA Rules.

CASH PRIZE AND RESEARCH GRANT

Each awardee will be presented a Medal, a certificate, and cash prize of Rs. 25,000/-. In addition, in exceptionally needy cases, the recipient may be considered for start-up research support with seed money.

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, and/or participating in collaborative / training research projects 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 Young Scientist Medal, national scientific societies, national research laboratories/institutions, university faculty/post-graduate departments.

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 must reach the **Executive Secretary, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi-110002** latest by **October 31, 2011**. Nominations which are not complete or received after the due date shall not be considered.

**Proforma for nomination for INSA Medal for Young Scientist - 2012
(15 Copies to be submitted)**

1. Name in full (Block letters) (Surname, followed by first & 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: _____
Age: _____ Years _____ Months
(as on 31st December preceding the year of award).
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 Scientist 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.
12. Name and designation, signature and full address of two proposers of the nomination.

13. Please indicate the number of Sectional Committee to which, in the opinion of the proposers, the nomination should be referred to: **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, 2011*

- 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; nominee is advised to submit his/her papers well before last date.**

SUBJECT ALLOCATION TO SECTIONAL COMMITTEES-2012

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.