



**Nomination for Election as Fellow
of the
Indian National Science Academy**

The undersigned Fellows of the Indian National Science Academy propose and second the following researcher as a candidate for election as Fellow of the Indian National Science Academy:

Name of the Nominee:

Proposed by

Name :

Signature :

Certified from personal knowledge: Yes/No

Remarks (if any)

Seconded by

Name :

Signature :

Certified from personal knowledge: Yes/ No

Remarks (if any)

Please read the instructions carefully to ensure that the nomination is complete and includes all the necessary information and documents.

Kindly note that nominations lacking essential information and those submitted after the designated deadline will not be considered.

For Office Use

The duly filled nomination form, the addendum, the links/URLs of reprints, and all the Annexures received at the Office of the Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi-110002, shall be recorded, with the date of receipt.

Date of Receipt:

Whether considered earlier: Yes/No

If yes, Years of consideration:

Authorized Signatory



Biographical Details

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

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

2. Date of birth:

3. Gender (Voluntary disclosure):

4. Nationality:

5. Field of specialization:

6. Designation:

7. Address

(a) Official:

(b) Residential:

(c) Address for the
correspondence:

Official

Residential

Email:

Tel:

Mobile:

8. Sectional Committee: Alternative Sectional Committee:
(Only two Sectional Committees can be mentioned in the order of priority)

9. Academic career and professional attainments:

(a)

Degree	Institution	Year	Remarks



(b)

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

(c) Awards and recognitions:

(d) Intellectual property, technological innovations, and new products:

(e) Other relevant information:

10. Contributions of the nominee:

11. Summary of the nominee's significant contributions (limited to 200 words) along with five keywords that encapsulate the nominee's research focus.

12. List of top **ten percentile** of peer-reviewed publications of the author included in a standard bibliometric database (e.g., Web of Science/Scopus/Google Scholar [please mention clearly which database has been used by the nominee] or technology transferred (to support the significant research contributions mentioned above in 200 words). *Example: If a nominee has 100 publications included in the standard bibliometric database, the nominee can list a maximum of 10 publications considered to be most significant by them]*

No.	Paper details	Mention the specific contribution of the nominee
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		



13. A list of the five best papers in the entire career of the nominee with links/URLs

No.	Paper details	Mention the specific contribution of the nominee
1.		
2.		
3.		
4.		
5.		

14. Number of Citations and h-Index as per standard bibliometric database (e.g., Web of Science/Scopus or self-authenticated Google Scholar)

15. A 50-word statement highlighting the work in a specific area of research by the nominee stating how the work has impacted research in the area

16. List of Five referees [with email, phone/mobile number; postal address; and their (if any) relation with the nominee]

17. Updated biodata of the nominee accompanied by a comprehensive list of his/her list of Publications, Patents, and Copyrighted material.



**Addendum by the Proposer and the Seconder
(Not subject to RTI)**

Nominee's Name:

Please answer the following:

1. All nominations are expected to meet the commonly held standards of professional ethics and scientific integrity.

Are there any concerns that INSA should be made aware of regarding the nominee, in order to fulfil this expectation?

No

Not aware

Yes, please explain (if required, you may attach extra documents):

2. Please elaborate on your relationship with the nominee:

Name of the proposer/seconder:

Present affiliation:

Signature:

Date:

This form is mandatory to be filled and signed by the proposer and seconder to be submitted along with the nomination form.

Separate sheets are to be used by the Proposer and Seconder.

The nomination form, addendum, and all the Annexures must be received by the last date at INSA.



(Form of undertaking by nominee)

To

The President
Indian National Science Academy
Bahadur Shah Zafar Marg
New Delhi-110002

Dear President,

I, _____ agree to
be admitted to the Indian National Science Academy as a FELLOW, if elected in accordance
with the by-laws of the Academy.

Signature of nominee with date



Explanatory notes for filling out the nomination form:

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

4. Please give details of OCI/PIO status and a statement that the nominee has been working in India for at least 10 years, in case the nominee is not an Indian national.
8. Allocation of subjects to Sectional Committees is indicated on the last page. Alternate Committee(s), if any, may also be indicated against point 8. The nomination will however be considered only under one sectional committee and the final decision will rest with INSA. Once the decision is made, there will be no change in the assigned Sectional Committee.
9. (a) The proposer is requested to furnish, under this head, all information regarding the nominee's degree and postgraduate academic qualifications and distinctions. (b) Details of the positions held starting from post-doctoral appointments until the present should be given. (c) Details of major awards and recognitions, including fellowships of academies should be listed, giving the name of the award (if it is a team/shared award specific contribution of the nominee has to be indicated in the parenthesis), the awarding body, and the year of the award. (d) Intellectual property, technological innovations, new products including new varieties of plants and crops, copyrighted designs, and software, may be listed. Licensed technologies, products, designs, and software may also be mentioned.
10. A critical analysis highlighting the most innovative contributions of the nominee to current knowledge in the field should be indicated.
11. A brief statement, not exceeding 200 words, regarding the most innovative contribution of the nominee which, in the opinion of the Proposer, should be circulated to the Fellows. The impact of the contribution should be highlighted. Information beyond 200 words is liable to be deleted in the Book of Nominations, which is circulated to the Fellows.
12. A list of the top ten percentile publications and/or patents. The list of papers should include the names of authors, year, title, name of journal, volume, and pages for each publication. In the case of multi-authored publications, please indicate the specific contribution of the nominee in each such paper in the "Remarks" column. In case of work partly done abroad, please indicate the portion of the work done in India in the "Remarks" column.
13. A list of the five best papers in the entire career of the scientist should be given. The list need not be based on citation analysis and should be in the style indicated in point 12 above. In the case of multi-authored publications, please indicate the specific contribution of the nominee in each such paper in the "Remarks" column. In case of work partly done abroad, please indicate the portion of the work done in India in the "Remarks" column. In case there is difficulty in providing links/URLs, a pdf of the five best papers may be attached at the end of the nomination form.
15. A citation of a maximum of 50 words highlighting the most significant contribution of the nominee. (This is in addition to the 200-word write-up required for the Book of Nomination).



16. Provide a list of a minimum of 5 referees along with contact information (email, contact number, full postal address, and their relation with the nominee) who are World leaders in the Nominee's Field. There is no geographical restriction in selecting the names of experts/referees.

17. Please provide a soft copy of an up-to-date list of publications/patents/copyrighted material. List separately (a) research papers published, (b) scientific reviews, (c) articles (not abstracts) published in seminars, symposia, and conference volumes, (d) chapters contributed to books, (e) books-authored or edited, (f) other publications/reports and (g) patents and copyrighted material. **Mark the significant publications licensed patents and copyrighted material with an asterisk.**



IMPORTANT INSTRUCTIONS

- The Nomination is to be signed by **two Fellows**. Of these, at least one should certify from **personal knowledge** the scientific attainments of the nominee. The Vice-President (Fellowship Affairs) shall have the power to sign a certificate on behalf of a Fellow upon receiving a written request from him/her.
- The nomination is to be submitted duly completed in all respects by the Proposer or the Secunder to the Executive Director, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002 via e-mail at fellowship@insa.nic.in, to reach not later than **15th July**. There is no need to send any hard copy of the nomination form.
- **Form of Undertaking by Nominee** is to be submitted in the given format after being duly filled and signed by the nominee.
- The completed nomination form and addendum along with all the Annexures should be combined into a single pdf file named "LN-FN-yyyy.pdf", where LN is the last name and FN is the first name of the nominee and yyyy is the year. The "Explanatory notes", "Important Instructions" 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 are expected not to 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 the end of their tenure in SC/Council. Members of other SC committees can be proposers or seconders for the nominations
- The primary criterion for election to the Fellowship will be the scientific and technological achievements of the nominee (e.g. contributions to new knowledge, discoveries, development of new technologies, substantial improvement in existing technologies, etc.) as evidenced by publications, patents, authenticated scientific reports which could not be published and the economic impact of his/ her work. The work done in India should be given primary importance.



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, 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, and 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 Biophysical 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.