



**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 scientist as a candidate for election as Fellow of the 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)

For Office use

The nomination along with reprints and other documents on being 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 in the book to be kept for the purpose.

Date of Receipt:

Whether considered earlier: Yes/No

If yes, Years of consideration:

Authorized Signatory



(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



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:

3. Nationality:

4. Field of specialization:

5. Designation:

6. Address

(a) Official:

(b) Residential:

(c) Corresponding address:

Official

Residential

Email:

Tel:

Mobile:

7. Sectional Committee:

Alternative Committee(s), if any:

8. 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

9. Contributions of the nominee

10. Summary of the most innovative contribution of the nominee (200 words)

11. A list of ten important publications and/or patents

No.	Paper details	Remarks
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		



12. A list of five best papers in the entire career of the nominee

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

13. Citation (50 words)

14. List of experts

15. Publications, patents and copyrighted material of the nominee



Explanatory notes for filling the nomination form:

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

3. Please give details of OCI/PIO status and a statement that the nominee has been working in India for at least for 10 years, in case the nominee is not an Indian national.
7. Allocation of subjects to Sectional Committees is indicated on the last page. Alternate Committee(s), if any, may also be indicated separately. However, the nomination will be considered only under one sectional committee and the final decision will rest with INSA. An option to change the sectional committee once during the period of validity of nomination is available for which the proposer needs to inform INSA, in writing, by October 31 of the year.
8. (a) The proposer is requested to furnish, under this head, all information regarding the nominee's degree and post graduate 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, the awarding body and the year of the award. (d) Intellectual property, technological innovations, new products including new varieties of plants and crops, copyrighted design and software, may be listed. Licensed technologies, products, designs, software may also be mentioned.
9. A critical analysis highlighting the most innovative contributions of the nominee with respect to current knowledge in the field should be given.
10. 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.
11. A list up to ten important publications and/or patents. In case of multi-authored publications, please indicate the specific contribution of the nominee in each such paper. The list of papers should include the names of authors, year, title, name of journal, volume and pages for each publication. In 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.
12. A list of five best papers in the entire career of the scientist should be given. The list need not be based on citation analyses and should be in the style indicated in point 11 above. In 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 50-word citation highlighting the work of the scientist which justifies the claim to the Fellowship This is in addition to 200 word write-up required for Book of Nomination.



14. Provide a list of 6 experts along with contact information who are leaders in the Nominee's Field. There is no geographical restriction in selecting the names of experts.
15. Please attach 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, 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 and licensed patents and copyrighted material with an asterisk. The list should be in the style indicated in point 11 above, for papers.



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 power to sign a certificate on behalf of a Fellow on receiving a written request from him/her.
- 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.
- **Form of Undertaking by Nominee** must be submitted in the given format after being duly filled and signed by the nominee.
- The completed nomination form and pdf files of the full text of the five best papers (listed in item 12 of the nomination form) 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", "Important Instructions" and "Allocation of Subjects" should not be included in the file.
- Proposers 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 or the Seconder to the Executive Director, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002, email: fellowship@insa.nic.in, so as to reach not later than **15th July**.
- The primary criterion for election to the Fellowship will be scientific and technological achievements of the nominee (e.g. contributions to new knowledge, new 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 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.