



**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 paper 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

** Each nominee shall be proposed and seconded by Fellows on a form prescribed for the purpose. Of these, at least one shall certify from personal knowledge of his/her scientific attainments. The Vice-President (Fellowship Affairs) shall have power to sign a certificate on behalf of a Fellow not resident in India on receiving a written request from him/her.*

including Indian, Pravasi and Foreign Fellows.



(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 as they now stand or the by-laws that may come into force after any amendments, as per rules in future.

Signature of nominee with date



Biographical Details
(Please submit with soft copy in MS-Word format)

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
Tel: Fax:
Mobile: E-mail:

7. Sectional Committee:
Alternative Committee(s) if any.
(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).

8. Academic career and professional attainments: The proposer is requested to furnish, under this head, all information regarding the nominee's degree and post graduate academic qualifications and distinctions.

| (a) | Degree | Institution | Year | Remarks |
|-----|--------|-------------|------|---------|
|-----|--------|-------------|------|---------|

| (b) | Positions Held from Post Doc onwards till date | Institution | From (yyyy) | To (yyyy) | Remarks |
|-----|---|-------------|----------------|--------------|---------|
|-----|---|-------------|----------------|--------------|---------|

| (c) | Awards/ Special Attainments |
|-----|-----------------------------|
|-----|-----------------------------|

| (d) | Intellectual property, technological innovations, new products including new varieties of plants and crops, copyrighted design and software etc. Licensed technologies, products, designs, software may be mentioned |
|-----|--|
|-----|--|

| (e) | Other relevant information |
|-----|----------------------------|
|-----|----------------------------|



9. A critical analysis highlighting the most innovative contributions of the nominee with respect to current knowledge in the field (If necessary, attach additional sheets).

^{\$}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.

[§]*Please note that information beyond 200 words is liable to be deleted in the Book of Nominations - which is circulated to the Fellows.*

[^]11. List up to ten important publications and/or patents: including (a) name of author(s), (b) year, (c) title, name of journal, (d) volume and pages. In case of multi-authored publications, please indicate the specific contribution of the nominee in each such paper.

[^]*In the case of a nominee being considered for application of science / engineering and technology, the most significant intellectual property, technological innovations, new products, etc. may be listed.*

12. A 50-word citation highlighting the work of the scientist which justifies the claim to the Fellowship (***This will be in addition to 200 word write-up required for Book of Nomination***):

13. Provide a list of 10 experts along with contact information who are leaders in the Nominee's Field. There is no geographical restriction in selecting the names of experts.

14. A list of five best papers in the entire career of the scientist (***without any consideration for citation analysis etc; There can be overlap with the list given in Item 11. In case of multi-authored publications, please indicate the specific contribution of the nominee in each such paper. Please provide PDF version of full text of five best papers in a separate CD***)

15. Publications, patents and copyrighted material of the nominee (enclose one set of reprints): Please attach up-to-date list of publications/patents/copyrighted material. List separately (a) research papers published in full, (b) short research papers, (c) scientific reviews, (d) articles (not abstracts) published in seminars, symposia, conference volumes, (e) chapters contributed to books, (f) books-authored or edited, (g) other publications/reports and (h) 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.



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 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, Structural Biology, Bioinformatics, Computation 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, Veterinary Science, Pathogen Biology and Host Pathogen Interaction Both Plant and Veterinary Importance.



IMPORTANT

Proposers may please ensure that the nomination form is duly completed and information as required by the Academy is sent along with both in hard copies and in CDs.

- 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.
- **Form of Undertaking by Nominee** must be submitted in the given format after duly filled and signed by the nominee.
- **One hard copy along with a soft copy with Items 1 to 15 only in a CD in MS-Word format, is required.**
- PDF version of full text of five best papers should be sent in a separate CD.
- The nomination is to be returned duly completed in all respects by the Proposer or the Secunder or by any other Fellow to the Executive Director, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002 so as to reach not later than **15th July**.
- Nominations not complete in all respects and not accompanied by a List of Publications (including a list of up to ten most important publications) and one set of reprints are liable to be rejected.
- All entries in the nomination form should be completed.
- 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.