



## NATIONAL ACADEMY OF BIOLOGICAL SCIENCES [NABS]

### General Guidelines to Applicants for Fellowship and Awards Instituted by NABS

#### I. Presentation of your credentials

- Presentation of your credentials for the Award / Fellowship is equally important as that of your credentials itself.
- All claims (credentials) shall be supported with proper evidence. Claims without evidence shall not be considered
- The page number of such evidence attached shall be indicated in the appropriate place in the application.
- The whole document shall be serially numbered
- The application is evaluated based on the Score Card System developed for the purpose.

#### II. General Eligibility

- All Life members of NABS who have completed a cooling period of 6 months from the date of enrolment to first December of the election year (2019) are eligible to apply for all awards and Fellowship except Provisional Life Members
- Provisional Life Members are eligible only to apply for NABS-Best Research Paper Award without following cooling period.
- Non-members of NABS are not eligible to apply for any of the awards and Fellowship.

**Table-1: Age limit and validity of Applications**

No.	Name of Fellowship / Awards	Age limit*	Validity of Application
1	Fellowship	Should have completed 30 years	N+2
2	Associate Fellowship	Should have completed 30 years and should be 40 years and below	N+2
3	Prof. M.S. Swaminathan NABS-Leadership Award	Should have completed 50 years	Valid for the current year

			only
4	Dr. E. K. Janaki Ammal Memorial NABS-Best Woman Scientist Award	Should have completed 30 years	N+2
5	NABS-Best Scientist Awards	Should have completed 30 years	N+2
6	Dr. G.N. Ramachandran Memorial NABS-Young Scientist Award	Should not be above 35 years	N+2 But subject to age limit
7	NABS-Best Research Paper Awards	Not above 40 years	Valid for the current year only
* Age to be computed as on 1 <sup>st</sup> December 2019 of the election year			

<p><b>A.</b></p>	<p><b>Research Accomplishments</b></p> <ul style="list-style-type: none"> <li>▪ All claims under this section shall be provided with evidences</li> <li>▪ List the publications (<b>original research articles excluding review papers</b>) with full citations (full name of the Journal should be given while listing) in reputed high impact journal- international or national;</li> <li>▪ Total number of listed publications should not exceed 20 including national and international publications.</li> <li>▪ Research publications of the applicant shall be evaluated based on the following criteria: <ul style="list-style-type: none"> <li>○ Impact factor (NAAS rating/Thomson Reuters) seniority of authorship; in case of multiple authors, first two authors will get full marks; rest of the authors will get half of the marks allotted. The corresponding author will get full mark as that of the senior author.</li> </ul> </li> <li>▪ The applicant is also advised to provide impact factor for the publication listed</li> <li>▪ Provide copy of the first page of each publication showing author(s), title of paper, year, volume and page number <i>etc.</i></li> </ul>
<p><b>B.</b></p>	<p><b>Educational Accomplishments</b></p> <ul style="list-style-type: none"> <li>▪ All claims under this section shall be provided with evidences</li> </ul> <p>1.</p> <ul style="list-style-type: none"> <li>▪ <b>Each book</b> published shall have the ISBN number with not less than 200 pages published by a reputed publisher (Evidence for number of pages, SSBN number etc shall be given. .</li> <li>▪ Provide Xerox copy of the first page of book showing, author(s), publishers, page numbers (essential parameters), ISBN number etc. Edited book shall have only half of the marks allotted.</li> </ul> <p>2.</p> <ul style="list-style-type: none"> <li>▪ <b>Each Book chapter</b> appearing in an edited book (with ISBN number with not less than 200 pages published by a reputed publisher) shall also be considered as a publication and marks allotted accordingly.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Provide Xerox copy of the first page of the chapter with the first page of edited book in which the chapter appeared.</li> </ul>
3.	<ul style="list-style-type: none"> <li>▪ <b>Each Text book and Lab Manuals / teaching modules</b> published for UG/PG students shall have ISBN number with not less than 200 pages published through a reputed publisher.</li> <li>▪ Provide Xerox copy of the first page of book showing, author(s), publishers <i>etc.</i></li> </ul>
4.	<ul style="list-style-type: none"> <li>▪ <b>Number of Ph.D Students guided-</b> provide the list of theses as per application.</li> <li>▪ <b>Only theses awarded for Ph.D. / M.Sc. / M.Phil.</b> alone are to be given with evidences.</li> </ul>
<b>C.</b>	<p><b>Externally funded schemes</b></p> <ul style="list-style-type: none"> <li>▪ All claims under this section shall be provided with evidences</li> </ul>
	<ul style="list-style-type: none"> <li>▪ List schemes with funding of Rs. 10.00 lakhs and above obtained on a competitive basis as <b>Principal Investigator</b>. Do not include ICAR coordinated projects. <ul style="list-style-type: none"> <li>○ <b>Projects with funding-Rs.10 to 20 lakhs (1.0 marks)</b></li> <li>○ <b>Projects with funding-Rs.21 to 30 lakhs (2.0 marks)</b></li> <li>○ <b>Projects with funding-Rs.31 to 50 lakhs (4.0 marks)</b></li> <li>○ <b>Projects with funding-&gt;Rs.51 lakhs (5.0 marks)</b></li> </ul> </li> </ul>
<b>D.</b>	<p><b>Crop varieties / breeds /products / technologies /patents [17.00]</b></p> <ul style="list-style-type: none"> <li>▪ All claims under this section shall be provided with evidences</li> </ul>
1.	<p><b>Number of crop varieties/breeds released</b></p> <ul style="list-style-type: none"> <li>▪ Proper evidences shall be provided for the claim made in application as per details asked for.</li> </ul>
2.	<p><b>Number of products/technologies developed</b></p> <ul style="list-style-type: none"> <li>▪ Products envisages-machineries, ergonomic machineries, bio-formulations, new models or modules to understand the concepts, soft- ware to solve problems, interactive multimedia, new microbes, pests, pathogens plants, animals, identified.</li> <li>▪ The product developed shall have an impact on the relevant fields of applications.</li> <li>▪ The technologies so developed shall become a sustainable practice by stakeholders- IPM / INM strategies/ animal improvement, innovative extension practices <i>etc.</i>, leading to large scale diffusion and adoption.</li> </ul>
3.	<p><b>Number of patents obtained</b></p> <ul style="list-style-type: none"> <li>▪ Patents granted with File Number, Patent Number, accession number shall be provided; Trademarks, GI, Germplasm registration, IP protection <i>etc.</i>, will also be considered.</li> </ul>
<b>E.</b>	<p><b>Other academic achievements</b></p> <ul style="list-style-type: none"> <li>▪ All claims under this section shall be provided with evidences</li> </ul>
1.	<p><b>Awards / medals received</b></p> <p><b>Note:</b> Awards / medals received during the study periods are not considered</p> <ul style="list-style-type: none"> <li>▪ Awards and medals should have been received from well recognized academies/ institutions /organizations / Universities / State and Central Government levels; National level professional societies, Best teacher, researcher or extension worker award, Young Scientist award, D. Sc,</li> <li>▪ Awards of ICAR, CSIR, DST, DBT, ICMR, NABS, NAAS, NAVA, NASI are also</li> </ul>

	<p>eligible.</p> <ul style="list-style-type: none"> <li>International awards like Humboldt, Fulbright, DAAD Fellowship and awards of DBT Overseas award, INSA award shall have extra marks.</li> </ul>
2.	<p><b>Fellow of National / International Academies / Scientific Societies</b></p> <ul style="list-style-type: none"> <li>Recognition as a Fellow of National /international academies is awarded marks.</li> </ul>
3.	<p><b>Positions held in Scientific Societies</b></p> <ul style="list-style-type: none"> <li>Positions held in Scientific Societies / Prestigious committees, task force, office bearers of Professional Societies / Academies; Editor of reputed Journals, etc., shall be considered.</li> </ul>
4.	<p><b>Member in Academic/Scientific forum</b></p> <ul style="list-style-type: none"> <li>Life member in reputed academies, societies of national and international repute are considered.</li> </ul>
5.	<p><b>Chairman in scientific sessions in National / International seminar / symposium / conferences.</b></p> <ul style="list-style-type: none"> <li>Scientists who chaired the technical sessions of a seminar / symposium shall be considered.</li> <li>Organizing Secretary of the National /International conference shall also be considered</li> </ul>
6.	<p><b>Number of National / International Conference / Seminar / Symposium / Conferences attended.</b></p> <ul style="list-style-type: none"> <li>Scientists should have attended and presented papers in International Conference / Seminar / Symposium organized by established Institutions / Academies / Societies.</li> </ul>
7.	<p><b>Number of special trainings or PDF programs undergone</b></p> <ul style="list-style-type: none"> <li>Scientist who has undergone Post Doc programs</li> <li>Scientist who has undergone special trainings, other than for higher studies for a period of <b>not less than three months</b> shall be considered.</li> </ul>
8.	<p><b>Foreign countries visited</b></p> <ul style="list-style-type: none"> <li>Scientist who have visited foreign countries as a Visiting Scientist / Professor; Trainer / Sabbaticals / Special discussion meeting / consultancy services shall alone be considered.</li> </ul>
<b>F.</b>	<p><b>Research Leadership</b></p> <ul style="list-style-type: none"> <li>Providing leadership in taking forward the research activities of his discipline, organizing summer /winter schools, organizing special skill trainings to teachers, students /organizing Seminars / symposia / Conferences shall be considered.</li> <li>Provide evidences for your claim.</li> </ul>
<b>G.</b>	<p><b>Academic Leadership</b></p> <ul style="list-style-type: none"> <li>Instrumental in curriculum development for UG / PG /Ph..D. courses, innovative teaching methods developed / examination reforms introduced / motivating students to participate in extracurricular activities, national level competitive exams; student counsellors / wardens etc. shall be considered.</li> <li>Provide evidences for your claim.</li> </ul>

<b>H.</b>	<p><b>Institutional building / Developmental activities</b></p> <ul style="list-style-type: none"> <li>▪ Scientist who was Instrumental in developing new lab /infrastructure facilities at his/ her institution through external funding, interdisciplinary participation and developing team work, establishing new Institution etc. shall be considered.</li> <li>▪ Provide evidences for your claim.</li> </ul>
<b>I.</b>	<p><b>Science popularization activities</b></p> <ul style="list-style-type: none"> <li>▪ Scientist who has organized college level / school level exhibition / interactive workshop to promote and create awareness on Science and its impact on day to day life; organized / conducted quiz programmes on Science for students shall be considered.</li> <li>▪ Provide evidences for your claim.</li> </ul>

## A. Sections in Biological Sciences recognized by NABS.

### 1. Agricultural Sciences & Forestry

- |                 |                             |
|-----------------|-----------------------------|
| a. Agriculture  | d. Agricultural Engineering |
| b. Horticulture | e. Agricultural Economics   |
| c. Forestry     |                             |

### 2. Basic Sciences

- |                                |                           |
|--------------------------------|---------------------------|
| a. Botany                      | g. Microbiology           |
| b. Zoology                     | h. Biochemistry           |
| c. Marine Biology              | i. Physiology             |
| d. Life Sciences / Biosciences | j. Genetics               |
| e. Biotechnology               | k. Biophysics             |
| f. Molecular biology           | l. Environmental Sciences |

### 3. Veterinary & Fisheries

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| a. Veterinary and Animal Sciences | c. Dairy Sciences                     |
| b. Fisheries                      | d. Pharmacology and Clinical Sciences |

### 4. Food and Nutrition

<b>B.</b>	<b>Submission of nomination cum applications at the Secretariat of NABS</b>
i.	Duly filled nomination cum application / Application shall be sent by Speed Post / Registered Post / Courier / in person by the proposer or by the candidate so as to reach the Secretary not later than <b>5.00pm of 31st December, 2019.</b>
ii.	The Applicant is advised to send an information to the Secretary, NABS through e-mail indicating the date and mode of dispatch of application.

	<b>Address for submitting the application</b>
	<p><b>Prof. T. Marimuthu</b>  <b>Secretary, National Academy of Biological Sciences</b>  <b>C/o Dr. N. Mathivanan</b>  <b>Director</b>  <b>Centre for Advanced Studies in Botany</b>  <b>University of Madras</b>  <b>Guindy Campus</b>  <b>Chennai - 600 025</b>  <b>Tamil Nadu, INDIA</b>  <b>E-mail: secretarynabs@gmail.com</b></p>
ii.	Super-scribe the envelopes as, <b>Application for (mention the name of Award / Fellowship).....for the year 2019</b> as the case may be.
iii.	All entries in the application cum nomination should be type written. <b>Only the prescribed format of application shall be used</b>
iv.	Please bind your nomination cum application (spiral / comb binding preferred). No loose sheets entertained as there are chances of missing them.
v.	Before sending the filled up nomination cum application, please enclose the check list with tick marks.
vi.	Prepare a content page and place it before the Nomination Proposal.
vii.	Serially number all the pages starting from Nomination Proposal.
viii.	Enclose supporting evidences for every claim at the end of the application as Annexure(s) serially numbered and also indicate the page number of the evidence in appropriate page of the application.
<b>3.</b>	<p><b>Eligibility for Fellowship and Awards &amp; Validity of Applications</b>  <b>Please refer Table-1: Age limit and validity of Applications under II. General Eligibility.</b></p> <p>All life members of NABS who have completed a “Cooling period of SIX months are eligible. [*From the date of your enrollment as Life member, SIX months should have been completed as on 1<sup>st</sup> December, of election year (2019)].</p>
<b>4.</b>	<p>Registration and Processing Fee [R &amp; PF] [Non-refundable] <b>[only online transfer]</b></p> <p>Applicant shall enclose evidence for having transferred the R&amp; PF fee of Rs. 3000/- (Rupees Three thousands only) or as prescribed for the particular award online to the account of National Academy of Biological Sciences, Chennai</p> <p><b>Name of Account Holder: National Academy of Biological Sciences</b>  <b>SB Acct. No. 104 9697 8637</b>  <b>State Bank of India, Valmiki Nagar branch, Chennai (Branch code: 11721; IFS Code- SBIN0011721).</b></p> <p><b>The applicant shall inform the secretary about the transfer of R&amp; PF fee with evidence (soft copy) along name of award / fellowship with his</b></p>

	<b>/ her name.</b>
<b>5.</b>	<b>Role of Proposer</b>
i.	Who can propose the nomination? Fellows of NABS / other Academies / President of Scientific Societies / Principal of college / Dean / Director / Registrar / Vice Chancellor of Universities can propose.
ii.	The proposer should restrict his / her observation only to the scientific / academic credentials of the nominee.
iii.	The proposer should clearly indicate the section and field of specialization in which the candidate is to be considered.
iv.	A proposer can nominate <b>ONLY ONE</b> scientist in a year.
<b>6.</b>	<b>When the nomination cum application will not be considered?</b>
i.	Without the remarks and signature of Proposer.
ii.	Not received before the last date prescribed. <b>Soft copy submitted in time shall not be taken as application submitted in time.</b>
iii.	Without the Registration and Processing Fee.
ii.	Every year the application shall be updated and submitted by the candidate in the prescribed format of application (n+2); if not the application will not be considered for evaluation.
<b>7.</b>	<b>Conferment of Fellowship / Award</b> <ul style="list-style-type: none"> <li>▪ <b>The selection of a member for FELLOWSHIP or any other NABS-AWARD (other than NABS-Best Research Paper Award) is PURELY PROVISIONAL. The selection is confirmed only after the candidate presents his/her findings before the AGM in a special session during the NABS-Conference; least the provisional selection is deferred to the next year.</b></li> <li>▪ <b>The applicant should understand that there is NO provision to confer Fellowship or Award <i>in absentia</i> .</b></li> </ul>
<b>8.</b>	<b>Miscellaneous information</b> <b>PP size photos:</b> One PP size photo to be affixed on the application form in the space provided.
<b>Please Note:</b>	
	<b>Please be assured that:</b> <ul style="list-style-type: none"> <li>▪ <b>Claims made without supporting evidence (s) will not be considered for evaluation. Kindly give the page number of the evidence provided in the appropriate place in the application form to facilitate the evaluators.</b></li> </ul>
-----End of Guidelines-----	