



## NATIONAL ACADEMY OF BIOLOGICAL SCIENCES [NABS]

### Nomination cum Application for award of **Fellowship / Associate Fellowship for 2018**

#### Guidelines

- Please read the guidelines carefully before filling up the nomination cum application form and strictly follow the instructions given. (Guidelines attached at the end of application).

**[Please fill the columns]**

i	Name of applicant	:	
ii	Name of section under which application submitted	:	
iii	Membership No.	:	LM-
iv	Date of Admission to NABS as Life member	:	
v	Date of birth [dd-mm-yyyy]	:	
vi	Age as on 1 <sup>st</sup> December, 2018	:	
vii	Cooling period completed [ as on 1 <sup>st</sup> December, 2018]	:	<b>YES / NO</b>
viii	Whether R & PF paid? (Only online transfer	:	Rs. 3000/- Yes / No
i.	Provide evidence of transfer	:	

**For official Use only**

i.	Whether remarks and signature of Proposer enclosed	:	<b>YES / NO</b>
ii.	Date of receipt of the Application	:	
iii.	Whether the Member is Eligible for further scrutiny	:	<b>YES / NO</b>
iv.	Give reasons for rejection	:	

**Eligible / Not eligible**

**Signature of Secretary**

## PART - I

### Nomination Proposal

- Part- I: Should be filled, signed and sent along with application
- Without Part-I, application will not be considered for evaluation.

1.	Name of the Nominee cum applicant ( in BLOCK LETTERS)	:	
2.	Name of the section (write the section number and name)	:	
3.	Specialization	:	
4.	Membership of NABS (give the membership number)	:	
5.	a. Name of the Proposer	:	
	b. Address	:	
	c. Brief remarks about the nominee's suitability	:	
			Signature of Proposer:
			Date:

## PART- II

## Application for Award of Fellowship / Associate Fellowship-2018



Fix your recent PP  
size color  
photograph  
**without your**  
signature

1.	<b>Name of applicant</b> (in BLOCK LETTERS)	:	
2.	<b>Name of Father / Husband</b>	:	
3.	<b>Gender</b> (tick mark)	:	<input type="checkbox"/> Male <input type="checkbox"/> Female
4.	<b>Date of birth</b> (DD-MM-YYYY)	:	
5.	<b>Age</b> (Completed years as on 1st December, 2018)	:	
6.	<b>Name of Section</b> (to which the nomination to be considered)	:	
7.	<b>Field of specialization</b>	:	
	<b>Present position</b>	:	
	<b>Address (Official)</b>	:	
	Phone with STD code	:	
	Mobile No.	:	
	E-mail	:	
8.	<b>Address (Residence)</b>	:	
	Phone with STD code	:	
	Mobile No.	:	
	E-mail	:	



## PART- III

### [Accomplishments]

Kindly read the guidelines before filling these columns

<b>A</b>	<b>Research Accomplishments</b> <ul style="list-style-type: none"> <li>▪ List only <b>TWENTY</b> most important publications made in peer reviewed journals (including National &amp; international) along with Impact Factor</li> <li>▪ When listing is made, give the full name of the journal.</li> <li>▪ Provide copy of the first page of reprint of your publication showing the title, author(s), year and name journal.</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>				
i.					
<b>B</b>	<b>Educational accomplishments</b> <ul style="list-style-type: none"> <li>▪ Provide evidence for your claims with copy of the first page showing title / author(s) and publisher &amp; proof of ISBN number (copy of the page showing ISBN number</li> <li>▪ For book chapters-keep the copy of first page of the chapter published</li> <li>▪ For theses- list only approved theses.</li> </ul>				
1.	<b>Number of Books published (SOLE AUTHOR (S))</b> <ul style="list-style-type: none"> <li>▪ List only <b>THREE</b> books</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>				
No.	Title of book	Author(s)	No. of Pages	Year of Publication	ISBN Number & Publisher's name
i.					
2.	<b>Number of Books published (Edited books)</b> <ul style="list-style-type: none"> <li>▪ List only <b>TWO</b> books</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>				
No.	Title of book	Author (s)	No. of Pages	Year of Publication	ISBN Number & Publisher's name
i.					
3.	<b>Number of Book Chapter published</b> <ul style="list-style-type: none"> <li>▪ List only <b>FOUR</b> book chapters</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>				
No.	Title of the chapter	Author (s)	No. of Pages	Year of Publication / Name of Edited Book	ISBN Number & Publisher's name
i.					

<b>4.</b>	<b>Number of Students Guided [Ph.D. only]</b> <ul style="list-style-type: none"> <li>▪ List only SIX latest theses</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>
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No.	Title of Thesis	Name of University	Year of submission/ degree awarded
i.			

<b>C.</b>	<b>Externally funded schemes completed</b> <ul style="list-style-type: none"> <li>▪ List Regional / National / International projects completed in the last 10 years with a grant of Rs.10.00 lakhs and above as Principal Investigator.</li> <li>▪ ICAR coordinated projects will not be considered.</li> <li>▪ Provide evidence for the funding received. Keep the copy of the letter of sanction issued by the funding agency along with the copy of the communication of University / Institution / Organization.</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>
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No.	Title of project	Funding agency	Duration Of project	Amount of Funding (Rs. in lakhs)
i.				

<b>D.</b>	<b>Crop varieties / breeds- released; products / technologies developed /patents obtained</b> <ul style="list-style-type: none"> <li>▪ Provide appropriate evidences for all.</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>
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<b>1.</b>	<b>Number of crop varieties / breeds released; Products / technologies developed</b> <ul style="list-style-type: none"> <li>▪ List only TEN</li> </ul>			
No.	Name of Crop Variety / Breed; / Products / Technologies developed	Year of release	Significance (Yield, quality, resistance to stresses; area covered etc.)	Author(s) responsible for release
1a.	<b>Crop Variety / Breed released</b>			
i.				
1b.	<b>Products / Technologies developed</b>			
i.				

<b>2.</b>	<b>Number of patents obtained</b> <ul style="list-style-type: none"> <li>▪ List only FIVE</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>			
No.	Name of Patent(s) obtained	Year	Significance of the patented product (s)	Patent Number
i.				

v.				
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<b>E.</b>	<b>Other academic achievements</b>
	<ul style="list-style-type: none"> <li>▪ Provide appropriate evidences for your claim</li> </ul>
<b>1.</b>	<b>Awards / medals / Fellowships received from reputed organizations</b> <ul style="list-style-type: none"> <li>▪ Awards / medals received during study periods are not considered.</li> <li>▪ List only SEVEN ( including awards and fellowship)</li> <li>▪ PROVIDE PAGE NUMBER OF EVIDENCE: _____</li> </ul>

No.	Name of award / medal	Year in which received	Institution which presented the award /purpose
i.	Awards/Medals		
ii	Fellowships		

<b>2.</b>	<b>Positions held in Scientific Societies</b> <ul style="list-style-type: none"> <li>▪ List in only TWO</li> <li>▪ PROVIDE PAGE NUMBER OF EVIDENCE: _____</li> </ul>
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No.	Position	Name of Scientific Societies/ Academies	Period held
i.			

<b>3.</b>	<b>As organizing Secretary of Seminar / symposia/conference / Resource person of Training program (National/International)</b> <ul style="list-style-type: none"> <li>▪ List in only FOUR</li> <li>▪ PROVIDE PAGE NUMBER OF EVIDENCE: _____</li> </ul>
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No.	Position	Name of the Seminar/Symposia/Conference	Duration
i.			

<b>4.</b>	<b>Chairman in Technical Sessions of National / International Seminars / Conferences / Symposia)</b> <ul style="list-style-type: none"> <li>▪ List only FOUR</li> <li>▪ PROVIDE PAGE NUMBER OF EVIDENCE: _____</li> </ul>		
<b>No.</b>	<b>Name of the Seminar / Symposium / Conf.</b>	<b>Place and dates</b>	<b>Name of technical session</b>
i.			

<b>5. Number of Special Trainings attended</b>	<ul style="list-style-type: none"> <li>▪ List only TWO trainings</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>		
<b>No.</b>	<b>Name of training</b>	<b>Name of Institution</b>	<b>Duration</b>
i.			

<b>6. Number of PDF Trainings attended</b>	<ul style="list-style-type: none"> <li>▪ List only TWO</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>		
<b>No.</b>	<b>Title of PDF topic</b>	<b>Name of Institution</b>	<b>Duration</b>
i.			

<b>7. Foreign countries visited as visiting Professor, Scientist / Trainer / Sabbatical assignments / Special discussion meeting / consultancy etc. [other than attending Seminar /Conference etc]</b>	<ul style="list-style-type: none"> <li>▪ List only TWO</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>		
<b>No.</b>	<b>Name of country</b>	<b>Purpose</b>	<b>Duration</b>
i.			

<b>F. Academic / Research Leadership</b>	<ul style="list-style-type: none"> <li>▪ Not more than half a page of A-4 size paper</li> <li>▪ Provide evidences for your claim</li> <li>▪ <b>PROVIDE PAGE NUMBER OF EVIDENCE:</b> _____</li> </ul>		
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### Declaration by the Applicant

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**I declare that**

- The particulars given above are true and correct to the best of my knowledge.
- No vigilance / disciplinary cases are pending against me.
- I am a Life Member of National Academy of Biological Sciences  
(Life Member No: \_\_\_\_\_ and completed SIX months of cooling period as on 1<sup>st</sup> December, 2018.
- **That I will abide by decision of Technical Review Committee of NABS.**

**Note:** If Life Membership Number is not available, indicate your receipt number

**Signature:**

**Date:**

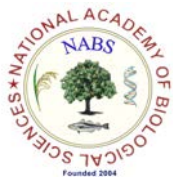


**Check List**  
[To be attached along with Application]

No.	Check for	Tick Mark
1.	Whether section name under which nomination is to be considered- furnished?	
2.	Whether Life Membership Number furnished?	
3.	<b>Whether Registration &amp; Processing Fee- (Rs.3000/-) paid online and evidence attached with application?</b>	
4.	Whether the applicant is proposed by appropriate person?	
5.	Whether PP size photos attached as specified?	
6.	Whether necessary supporting evidences enclosed and serially numbered? [Annexure]	
7.	Whether the page number in which the evidences are appended shall be indicated in the appropriate place of the application?	
8.	Whether the application is in bound form?	
9.	Whether content page prepared?	
10.	Whether all the pages are serially numbered?	
11.	Whether the cover is super scribed with “ <b>Nomination for Election of Fellow” or Associate Fellow-2018</b> ” ? as the case may be.	

**Signature:**

**Date:**



## NATIONAL ACADEMY OF BIOLOGICAL SCIENCES [NABS]

### I. Guidelines to Applicants

- The application is evaluated based on the Score Card System developed for the purpose.
- Accomplishments / achievements based on the documented evidences are given marks as per SCORE CARD SYSTEM.
- **CREDENTIALS claimed without evidence(s) shall not be considered.**
- **GIVE THE PAGE NUMBER OF THE EVIDENCE PROVIDED AT APPROPRIATE COLUMN OF THE APPLICATION**

<b>A.</b>	<p><b>Research Accomplishments</b></p> <ul style="list-style-type: none"> <li>▪ List publications 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>▪ Provide IMPACT FACTOR (IF) for each of the paper published. [indicate the data base for the IF]</li> </ul> <p><b>Research publications of the nominee shall be evaluated based on the following criteria:</b></p> <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Corresponding author(s) are considered as senior authors.</li> <li>▪ The applicant is also advised to provide impact factor for publication listed</li> <li>▪ Provide copy of the first page of each publication showing author(s), title of paper, year, volume and page number</li> </ul>
<b>B.</b>	<p><b>Educational Accomplishments</b></p>
1.	<ul style="list-style-type: none"> <li>▪ <b>Each book</b>, either <b>sole author(s)</b> or <b>edited</b>, shall have the ISBN number with not less than 200 pages published by a reputed publisher.</li> <li>▪ Provide Xerox copy of the first page of book showing, author(s), publishers, page numbers (essential parameters) etc.</li> <li>▪ Provide copy of the page where ISBN number is given in the book.</li> </ul>
2.	<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> <li>▪ Provide Xerox copy of the first page of the chapter with the first page of edited book in which the chapter(s) appeared.</li> </ul>

3.	<ul style="list-style-type: none"> <li>▪ <b>Number of Ph.D Students guided-</b> provide the list of theses with evidence.</li> <li>▪ <b>Only theses awarded with Ph.D alone</b> are to be given;</li> </ul>
<b>C.</b>	<p><b>Externally funded schemes</b></p> <ul style="list-style-type: none"> <li>▪ <b>Provide appropriate evidence(s)</b></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 or projects sanctioned to the University / Institutions.</li> <li>▪ <b>Copy of the letter of sanction of the scheme from the funding agency shall be the evidence. The copy of the communication from the Institution alone is not sufficient.</b></li> </ul>
<b>D.</b>	<p><b>Crop varieties / breeds /products / technologies /patents</b></p> <ul style="list-style-type: none"> <li>▪ <b>Provide appropriate evidence(s)</b></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>
	<p><b>Number of products/technologies developed</b></p> <ul style="list-style-type: none"> <li>▪ Products envisages-machineries, ergonometric 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>
2.	<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>▪ <b>Provide appropriate evidence(s)</b></li> </ul>
1.	<p><b>Awards / Medals received</b></p> <p><b>Note: Awards / Medals received during the study periods (UG, PG, Ph.D.) will not be considered.</b></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 Governments/ National level professional societies, Best teacher, researcher or extension worker award, Young Scientist award, D.Sc, etc.</li> <li>▪ Awards of ICAR, CSIR, DST, DBT, ICMR, NABS, NAAS, NAVA, NASI will also be considered.</li> <li>▪ International awards like Humboldt, Fulbright, DAAD Fellowship and awards of DBT Overseas award, INSA award will also be considered.</li> </ul>
	<p><b>Fellow of National / International Academies / Societies</b></p> <ul style="list-style-type: none"> <li>▪ Recognition as a Fellow of National /international academies / Societies is considered.</li> </ul>
2.	<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., are considered.</li> </ul>
3.	<p><b>Organizing Secretary / Resource person of Training Program</b></p> <ul style="list-style-type: none"> <li>• As organizing Secretary of Seminar / Symposia/Conference / Resource person of Training program (National/International) is considered.</li> </ul>
4.	<p><b>Chairman of Technical sessions of 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> </ul>
5.	<ul style="list-style-type: none"> <li>▪ Number of special trainings (other than for higher studies) attended with a minimum duration of not less than 7 days at national / international level are considered.</li> </ul>
6.	<ul style="list-style-type: none"> <li>▪ Scientist who has undergone Post Doc programmes not less than one year.</li> </ul>
7.	<p><b>Foreign countries visited</b></p> <ul style="list-style-type: none"> <li>▪ Scientist who have visited as a Visiting Scientist / Professor; Trainer / Sabbaticals / Special discussion meeting / consultancy services shall alone be considered.</li> <li>▪ Attending international seminars/symposia etc shall not be considered for this purpose.</li> </ul>
<b>F.</b>	<p><b>Academic / 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>▪ <b>Provide appropriate evidence(s).</b></li> </ul>

## II. General Guidelines to Applicants

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

#### 1. Indicate your preferred section in your application.

##### 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

#### 2. Submission of nomination cum applications at the Secretariat of NABS

- i.
  - **Only one copy** of application need to be submitted. **No soft copy is required.**
  - Duly filled nomination cum 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 **5.00pm of 31st January, 2019.**
  - **Please inform the Secretary, NABS by e-mail about your dispatch of application to the below mentioned address (Date and mode of despatch]**

***Address for submission of Application***

**Prof. T. Marimuthu  
Secretary, National Academy of Biological Sciences  
C/o Dr. N. Mathivanan  
Director  
Centre for Advanced Studies in Botany  
University of Madras  
Guindy Campus  
Chennai - 600 025  
Tamil Nadu, INDIA  
E-mail: secretarynabs@gmail.com**

- ii. Super scribe the envelope as, “**Nomination for Election of Fellow-2018**” / “**Nomination for Election of Associate Fellow-2018**” as the case may be.
- iii. All entries of the nomination should be type written / or the format can be used and computer typed.
- iv. Please bind your nomination (Comb binding preferred). No loose sheets entertained as there are chances of missing them.
- v. Before sending the filled in application cum nomination, **tick** mark the check list and enclose along with application.
- vi. Prepare a content page and put 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) which are to be serially numbered.

**3. Eligibility for Nomination of Fellows**

All life members of NABS who have completed 30 years as on 1<sup>st</sup> December, 2018 and 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, 2018].

**Note: Provisional Life Members are not eligible.**

- 4. Registration and Processing Fee [R & PF] [Non-refundable] shall be paid **only online with proper evidence enclosed along with the application.****

Nominee shall enclose evidence for having transferred the R& PF fee of Rs. 3000/- (Rupees Three thousands only) online to the account of **National Academy of Biological Sciences** payable at Chennai

**SB Acct. No. 104 9697 8637**

**State Bank of India, Valmiki Nagar branch, Chennai (Branch code: 11721; IFS Code- SBIN0011721).**

**5. Role of Proposer**

- i. Who can propose the nomination?  
Fellows of NABS / other Academies / Scientific Societies / President of Academies / 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 **ONLY ONE** member in a year. **If he proposes more than one member, the application received first alone will be entertained; the other nomination will not be accepted.**

**6. When the Application will not be considered?**

- i. **Without the remarks and signature of Forwarding Authority**
- ii. **Not received before the last date prescribed. Further submission of soft copy before the last date will not be taken as the application was received before the last date.**
- iii. **Without the Registration and Processing Fee of Rs.3000/-.**

**7. Validity of Nomination cum Application**

- i. Duly filled nomination cum application remains valid for **TWO** consecutive years [n+2] unless withdrawn by proposer.
- ii. Every year the application shall be updated by the candidate and submitted; if not the previous years' marks scored alone will be taken.

**8. Miscellaneous information**

- i. **Computing the age:** Mention the completed years as on 1st DECEMBER, 2018.
- ii. **PP size photos:** One PP size photo to be affixed on the application form in the space provided.

**Please Note:**

**Please be assured that:**

- **Claims made without supporting evidence (s) will not be considered for evaluation. Kindly give the page number of the evidence provided in the appropriate column to facilitate the evaluator(s).**

-----End of Guidelines-----