



## **PROF. T.N. ANANTHAKRISHNAN FOUNDATION**

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Regn. No. 228/2017

Date 15.01.2022

### **THE PROF. T. N. ANANTHAKRISHNAN AWARDS FOR THE BIENNIUM 2020-2021**

Nominations are invited from Indian Scientists for his/ her contributions to Entomology for

- 1. THE PROF. T. N. ANANTHAKRISHNAN AWARD FOR SENIOR SCIENTISTS**
- 2. THE PROF. T. N. ANANTHAKRISHNAN AWARD FOR YOUNG SCIENTISTS**

#### **Instructions**

1. Former/ present Vice-Chancellors of Universities; DG, DDGs, ADGs of ICAR; Secretaries of Scientific Departments of Government of India; Chairman UGC, ASRB, BARC; Principal Scientific Advisors, GOI; Heads of CGIAR Centres; Presidents of Science Academies and Societies; Principals of Colleges; Directors/ Joint Directors of ICAR/ Central or State or Private research institutions; Heads of Institutions of CSIR, ICMR; Deans, Heads of the Departments not below rank of professors can nominate. Nominations can also be made by former TN Ananthakrishnan awardees; NAAS/ INSA/ other National Science Academy Fellows; and by the students of late Prof. TN Ananthakrishnan.
2. Nominee should not have crossed 55 years of age for award No. 1 (Senior Scientist Award) and 40 years of age for award No.2 (Young Scientist Award) as on 31 December 2021.
3. The award will be made to any Indian citizen for his/ her contributions to Entomology based on the work done in India.
4. A 500-word note justifying why the nominee deserves the award is important. Its absence will invalidate the nomination.
5. All the required details in the nomination form to be provided on A-4 size white paper.
6. Publications of the nominee made in the last 10 years (2012-2021) for award No.1 (Senior Scientist Award) and during the biennium 2020-2021 for award No.2 (Young Scientist Award) in support of nomination should accompany the nomination papers. List research publications in the descending order of NAAS score (NAAS journal ID and NAAS score, as effective 1<sup>st</sup> January 2021). Papers in proof stage/ accepted for publication can be included provided evidence from the journal is submitted.
7. An independent jury consisting of eminent entomologists, constituted by the Trustees of the Foundation, will evaluate the nominations and select the awardees. The Juries'/ Foundation's decision will be final.
8. There are three awards for award No. 1 (Senior Scientist Award) - the first prize carries a cash award of Rs. 25000/-, the second Rs. 15000/- and the third Rs.10000/-. There are three awards for award No.2 (Young Scientist Award)- the first prize carries a cash award of Rs.25000/-, the second Rs.15000/- and the third Rs. 10000/ . In addition, a certificate with citation will be given, which will be presented in a simple public ceremony (The date and venue will be notified as and when finalized).

**Complete nominations in the specified nomination form with all enclosures must reach Prof. V. V. Ramamurthy (Trustee, The Prof. T. N. Ananthakrishnan Foundation), Ex. Professor, Division of Entomology, Indian Agricultural Research Institute, New Delhi 110012 (mobile no. 9718121160) by email to ananthakrishnanfoundation@gmail.com on or before Thursday, the 31<sup>st</sup> March 2022, 23.59 hrs. All documents to be arranged in a single file and converted to pdf before emailing to ananthakrishnanfoundation@gmail.com. As all the nominees tend to crowd the email at the last moment, on 31<sup>st</sup> March only the first come five nominations will be entertained, and the later ones will be ignored.**

# Prof. T.N. Ananthkrishnan Foundation

## GUIDELINES FOR EVALUATION OF NOMINATIONS FOR YOUNG/ SENIOR SCIENTIST AWARDS 2020-2021 ALLOCATION OF MARKS

### SENIOR SCIENTIST AWARDS

#### Allocation of marks for different criteria

(Total 100 marks)

1.	Publications- Peer Reviewed Research papers	- maximum 50 marks
2.	Publications- research/ technical (excl. above)	- maximum 15 marks
3.	Products, technologies	- maximum 10 marks
4.	Patents	- maximum 05 marks
5.	External funded projects	- maximum 05 marks
6.	Awards/ honours/ recognitions	- maximum 07 marks
7.	500 word note/ justification for award	- maximum 03 marks
8.	Marks awarded by juries	- maximum 05 marks

#### A. PUBLICATIONS/ PRODUCTS & TECHNOLOGIES

##### (a) Publications- Peer Reviewed Research papers-

(max. 50 marks)

(i) The nominees should submit the list of their 20 best research publications (NAAS rating >6), of relevance to agricultural/ applied entomology/ entomology, in chronological order. For each publication give name(s) of the author(s), indicate the corresponding author by asterisk\*\* after his/her name, year of publication, full title, name of the journal, volume No. and page Nos., NAAS journal id, NAAS rating (effective as on 1<sup>st</sup> January 2021). This format to be strictly followed in a table form.

(ii) First/ corresponding authors will get full marks (2.5 marks each) and third authorship onwards will get 50% (1.25 marks).

(iii) One set of reprints of the 20 best research publications listed has to accompany.

##### (b) Publications- Research/ Technical- excl. under (a) above

(max. 15 marks)

Provide complete list of publications -excl. under (a) above; monographs/ revisions, technical bulletins, policy papers, books/ book chapters, proceedings/ abstracts/ papers presented in conferences etc. may be considered. Format for submission same as for (a) above.

##### (c) Products and Technologies

(max. 10 marks)

*Developer of Products and Technologies authenticated by accredited body at national level*

• **Products:** including variety, unique germplasm, genetic stock/ contribution in evolving varieties, chemical/ pathogens/ biochemical formulation, artificial diets/ pheromone formulations, models of institutional innovations, programming, simulation or statistical models and computer software, including extension software such as expert systems and interactive multimedia, new taxa described, new invasives/ new pests/ strains/ biotypes or genetic groups/ entomopathogens/ pollinators/ scavengers identified, new machines/ equipments/ delivery mechanisms or major modifications in them/ development of new value-added products that have been economically evaluated and adopted or have the potential to be adopted on a wide scale. Plant protection/ IPM policy documents, demonstration or popularization of technologies with evidence of coverage can be included here.

• **Technologies:** Research findings that become sustainable practices among the stakeholders. These include innovative/ sustainable IPM, integrated biocontrol/ other resource management, IPM models, remote sensing based models, post-harvest technologies, institutional innovations, innovative extension efforts leading to large scale diffusion and adoption of technologies, farmer or scientist friendly websites/ mobile apps for pests/ natural enemies/ IPM, natural enemies conservation methods/ ecosystem management/ biotechnological or physiological interventions

in IPM, farmers' participatory/ area wide approach technologies, commercialisation of technologies with revenue generation, with evidence of coverage can be included here.

*Developer (one) shall be awarded 100% marks, Co-developers (max. two) 50% marks and associates 30% marks.*

**B. PATENTS (Max. 05 marks)**

Patents granted/ commercialized with details of patent no., trademarks and IP protection should be provided (each patent/ copyright scores 2 marks limited to maximum of 5 marks, evidence given must carry the nominees' name). Status of application/ grant to be clearly indicated with dates.

**C. EXTERNAL FUNDED PROJECTS (Max. 05 Marks)**

Each project worth >Rs. 5 lakhs as PI/ Project Leader two marks and as CoPI one mark each

**D. AWARDS, HONOURS, FELLOWSHIP OF NATIONAL ACADEMIES, etc. (Max. 07 marks)**

- Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (2 each)
- Young scientist award/associateship by the National Science Academies (2 each)
- National/ International level Professional Society and Academy (not covered above) Awards/ Recognition (Fellowship; Lifetime Achievement Award; President, Editor-in-Chief/ or equivalent, or Secretary positions)/ best paper/ oral presentation/ poster prize/ award (1 mark each)

**E. 500 word note/ justification for award (Max. 03 marks)**

## **YOUNG SCIENTIST AWARDS**

**Allocation of marks for different criteria (Total 100 marks)**

1. Publications- Peer Reviewed Research papers (biennium 2020-2021)	- maximum 50 marks
2. Publications- research and technical (excl. above)	- maximum 20 marks
3. Products, technologies	- maximum 10 marks
4. Patents	- maximum 05 marks
5. External funded projects	- maximum 05 marks
6. Awards/ honours/ recognitions	- maximum 03 marks
7. 500 word note/ justification for award	-maximum 02 marks
8. Marks awarded by juries	- maximum 05 marks

**A. PUBLICATIONS/ PRODUCTS & TECHNOLOGIES**

**(a) Publications- Peer Reviewed Research papers (max. 50 marks)**

The nominees should submit the list of their publications during the biennium 2020-2021 (of relevance to agricultural/ applied/ entomology, in chronological order). For each publication give name(s) of the author(s), indicate the corresponding author by asterisk\*\* after his/her name, year of publication, full title, name of the journal, volume No. and page Nos., NAAS journal id, NAAS rating (effective 1<sup>st</sup> January 2021). This format to be strictly followed in a table form.

For first/ corresponding authors NAAS rating will be multiplied by 0.5, and by 0.25 for others, subject to maximum of 50)

One set of reprints of the publications made during the biennium 2020-2021 be attached.

**(b) Publications- research/or technical excl. under (a) above (max. 20 marks)**

Provide complete list of publications excl. under (a) above, monographs/ revisions, technical bulletins, policy papers, books/ book chapters, proceedings/ papers/ abstracts presented in conferences, etc. Format for submission same as for (a) above.

**(c) Products and technologies**

**(max. 10 marks)**

*Developer of Products and Technologies authenticated by accredited body at national level*

• **Products:** including variety, unique germplasm, genetic stock/ contribution in evolving varieties, chemical/ pathogens/ biochemical formulation, artificial diets/ pheromone formulations, models of institutional innovations, programming, simulation or statistical models and computer software, including extension software such as expert systems and interactive multimedia, new taxa described, new invasives/ new pests/ strains/ biotypes or genetic groups/ entomopathogens/ pollinators/ scavengers identified, new machines/ equipments/ delivery mechanisms or major modifications in them/ development of new value-added products that have been economically evaluated and adopted or have the potential to be adopted on a wide scale. Plant protection/ IPM policy documents, demonstration or popularization of technologies

• **Technologies:** Research findings that become sustainable practices among the stakeholders. These include innovative/ sustainable IPM, integrated biocontrol/ other resource management, IPM models, remote sensing based models, post-harvest technologies, institutional innovations, innovative extension efforts leading to large scale diffusion and adoption of technologies, farmer or scientist friendly websites/ mobile apps for pests/ natural enemies/ IPM, natural enemies conservation methods/ ecosystem management/ biotechnological or physiological interventions in IPM, farmers' participatory/ area wide approach technologies, commercialisation of technologies with revenue generation

*Developer (one) shall be awarded 100% marks, Co-developers (max. two) 50% marks and associates 30% marks*

**B. PATENTS**

**(Max. 05 marks)**

Patents applied for/ granted with details of Patent No., Trade Marks and IP protection should be provided (each patent/ copyright scores 2 mark limited to maximum 5 marks). Status of application/ grant to be clearly indicated with dates.

**C. EXTERNAL FUNDED PROJECTS**

**(Max. 05 Marks)**

Each project worth >Rs. 5 lakhs as PI/ Project Leader two marks and as CoPI one mark each

**D. AWARDS, HONOURS, FELLOWSHIP/ ASSOCIATESHIP OF NATIONAL ACADEMIES etc.**

**(Max. 03 marks)**

Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (2 each)

Young scientist award/associateship by the National Science Academies (2 each)

National/ International level Professional Society and Academy Awards/

Recognition- Fellowship; Lifetime Achievement Award; President, Editor-in-Chief/

or equivalent, and Secretary positions/ best paper/ oral presentation/ poster prize/ award (not covered above) (1 each)

**E. 500 word note/ justification for award**

**(Max. 02 marks)**



**THE PROFESSOR T. N. ANANTHAKRISHNAN  
FOUNDATION**

**(76/2A Sree Ramulu street, Madanandapuram,  
Chennai 600125)**

**NOMINATION FORM FOR  
SENIOR/ YOUNG SCIENTIST AWARDS 2020-2021**

**Name of the Award for which nominated:**

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**1. Name in full** (in block letters):  
(Surname followed by given name)

.....

**2. Date & Place** (State, Country)  
**of Birth: (Attach proof)**

.....

.....

**3. Nationality:**

.....

**4. Field of specialization:**

.....

**5. Present Position/Designation:**

.....

**6. Address:**

.....

.....

.....

**Tel. Off. :**

**Res.**

.....

**Mobile :**

.....

**Fax :**

.....

**Email :**

.....

(Give STD code for Telephone/ Mobile)

Note: Former or present Vice-Chancellors of Universities/ DG, DDGs, ADGs of ICAR/ Secretaries of Scientific Departments of Government of India; Chairman UGC, ASRB, BARC; Principal Scientific Advisors, GOI; Heads of CGIAR Centres; Presidents of Science Academies and Societies/ Principals of Colleges/ Directors/ Joint Directors of ICAR/ Central or State or Private research institutions/ Heads of Institutions of CSIR, ICMR/ Deans, Heads of the Departments not below the rank of professors can nominate suitable candidates for the award. Nominations can also be made by the erstwhile TN Ananthakrishnan awardees/ NAAS/ INSA/ other National Science Academy Fellows, and by the students of Prof. TNA

**SELF NOMINATION WILL NOT BE ACCEPTED**

**7. Academic career and professional attainments**

(a) Degree	University/Institution	Year	Distinction, if any

(b) Position held	Institution	Period of appointment

**8. Special attainments of the nominee** (A 500-word note justifying why the nominee deserves the award).

Empty box for writing the 500-word note justifying why the nominee deserves the award.

**9. List 20 peer reviewed research publications (for senior scientist award) during the last ten years i.e, 2012-2021/ Peer reviewed research publications during biennium 2020-2021 (for young scientist award) in chronological order. For each publication, give name(s) of the author(s), indicate the corresponding author<sup>£</sup> by ‘\*’ after his/her name, year of publication, full title of the paper, name of the journal, volume No. and page Nos.**

Sl. No.	Details of Publications in the format given above	NAAS Journal ID and (Score)	Number of Citations
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
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20			

**Set of reprints of these to be provided in pdf (duly numbered as attachments)**

**10. List of 5 most important Products/Technologies/Software developed by the nominee**

(Please see item 1 (b) in the Guidelines for Evaluation and list the products, technologies and software in the order scoring maximum to minimum score)

Sl. No	Details of Product/Technology/Software * (Also write in one bullet point its impact in terms of adoption, commercialization and revenue generated)	Patent No./Country of patent Release/ notification details Commercialization	List according to category (I,II,III,IV,V or VI) as given in 1(b) of the guidelines for evaluation	Whether Nominee is a Developer, Co-developer or Associate
1.				
2.				
3.				
4.				

5.				
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\* Marks shall be awarded only for the claims duly substantiated

**11. Patents\* for which products have not been developed** (Please see item 2 in the Guidelines for Evaluation). Indicate those granted separate from already commercialized

Sl. No.	Authors	Title	Year	Patent No./ Country
1.				
2.				
3.				
4.				
5.				

\* Marks shall be awarded only for the substantiated claims

**12. Awards & honours**

Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc.

Young Scientist Award/Associateship by the National Science Academies



National/ International level Professional Society and Academy (not covered above); Awards/ Recognition (Fellowship; Lifetime Achievement Award; President, Editor-in-Chief/ or equivalent, or Secretary positions)/ best paper/ oral presentation/ poster prize/ award

**13. Publications- Research/ Technical- excl. under 9 above**

Publications in refereed journals (Attach complete list in chronological order. For each publication give name(s) of the author(s), indicate the corresponding author by asterisk '\*' after his/her name, year of publication, full title, name of the journal, volume No. and page Nos) along with NAAS rating (effective January 2021)

I certify that the information given in the form is correct.

**Date:**

**Signature of Nominee**

Particulars of Nominator	Remarks about the suitability of the nominee
Signature of the Nominator: _____ Name: _____ Address: _____ _____ _____ Date: _____	