

Dr T. M. Manjunath Award for Outstanding Contribution to Biological Control and Allied Sciences

1. Name of the Award

SBA - Dr. T. M. Manjunath Award for "Outstanding Contribution to Biological Control and Allied Sciences."

2. Nature of the Award

The award is instituted by Dr T.M.Manjunath an eminent entomologist and a biocontrol researcher for outstanding contributions made in the field of biological control research that includes original research, developing rearing and application technologies, product development, popularising biological control and other related areas. It would include work on biological control of insects pests/diseases/weeds by deploying natural enemies/pheromones, etc. to

- (i) Recognize the outstanding research in biological control of crop pests, diseases and weeds in agricultural and allied sciences
- (ii) Provide incentive for the impact of biocontrol research in terms of popularising the technology, dissemination and adoption

The award carries a memento and a citation.

3. Eligibility Criteria

The award is for a single candidate.

The age limit is above 41 years. This recognition is for sustained contribution to biological control in last 10 years.

- i. The award is meant for individual scientist for their extraordinary, original, creative contributions in biological control research in developing rearing and application technologies for biocontrol agents, product development, popularising biological control and other related areas. It would include work on biological control of insects pests/diseases/weeds by deploying natural enemies/pheromones, etc.
- ii. The selection will be based on R & D contribution leading to the promotion and popularising biological control agents
- iii. Restricted to NARS.
- iv. All Indian scientists/researchers/ workers engaged in agricultural research in the area of biological control.
- v. The research output must have contributed to a significant and outstanding impact in terms of utilisation of biological control agents, profitability and sustainability of agriculture due to protection by biological means. The research must have greatly contributed large scale adoption of the technology and uptake by the R&D entrepreneurs, commercialisation and dissemination.
- vi. To be assessed based on documentation and references on the progress made in implementing popularising the technology among the stakeholders during the preceding five years.

4. Administration of the Award

There shall be a panel of judges comprising of 3-5 members, including the Chairperson and at least one member from outside the NARS, to evaluate the applications'/nominations and make recommendations to the Society. The panel will be appointed by the President of the SBA.

5. Evaluation Criteria

- Conceptual originality of the research work in the field of biological control
- Significant advancement in Science/Technology generated/ Patents obtained, etc.
- Potential of research findings for increasing agricultural production, productivity, profitability and sustainability of the biocontrol research
- Significant Impact made (scientific, technological and socio-economic relevance, outcome and impact analysis)
- Quality of research publication, Research papers published in journals with NAAS Rating of ≥ 6

6. Procedure:

Nominations/Application are invited for the year 2016. Application are to be made in the prescribed format (enclosed) obtainable from the Award Cell, Society for Bio control Advancement, and Bangalore. Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Society along with the draft citation. If no outstanding entries have been identified, no award will be awarded.

Nominations could be made by researchers of eminence in Science & Agriculture in the area of biological control that must have contributed to an outstanding impact on the farming community .

7. Presentation

The presentation of award will be made on during the National conference on..Biological control to be held in .February, 2017 at Bangalore.

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1. Name of the Award:
2. Subject in which to be considered:
(Entomology/Pathology/Nematology/Microbiology)Year:
3. Name and designation of the Scientist in full (underline surname):
4. Father's / Husband's Name:
5. Date and place of birth:
6. Marital status:
7. Complete postal address:
8. Telephone/email:
9. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)

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Sl. No.	Degree	Institution	Year

10. Employment record (in tabular form)
11. Training organized
12. Foreign visits
13. Research Projects undertaken (Completed and ongoing institute and external funded projects)

Project title	Funding Organization	Grant amount	Duration	Salient achievements
a)Institute projects				
b) External funded projects				

14. Significant Research work carried out (Advancement in Science/technology generated, new concepts developed and accepted) (not more than 2 pages)
15. What were the socio-economic, technological and scientific relevance of this work?
16. What is the potential value of the research results in increasing production, productivity, profitability and sustainability of agricultural enterprises in the relevant field (with clear evidence)?
17. Impact of the technology in quantifiable and verifiable terms
18. Publications:
 - a) Research papers in peer reviewed journals (NAAS rating \geq 6.0 only) List Research papers in bibliographic format with NAAS rating
 - b) Books
 - c) Technical bulletins/ Training manuals
 - d) Technical folders/ popular articles/ book chapters/Technical articles
 - e) Compilation and editing of proceeding/annual reports/ journals
19. Citation for twenty most important publications based Google Scholar Citation Index (from most to least)
19. Patents granted and Technologies developed/ commercialized
20. Peer recognitions received (National /International awards)
21. Whether this research work has been submitted for any other award/recognition? If so, what was the outcome?
22. A concise statement (about 150 words) highlighting the most significant aspect of the research work done that makes you claim the award, if chosen

Place

Date

Signature of applicant

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Score card (last 10 years)

Criteria	Marks allotments	Max marks	Marks obtained
Projects (Max marks 15)	Institute (each carries 2.0 marks)	5	
	External projects of minimum 5 lakh per project: (each carries 5.0 marks)	10	
Publications (Max marks 45)	a)) Research Papers in peer reviewed journals (20 most important publications having NAAS ratings of >6.00 – Each publication will be given a maximum of 2.0 marks with a cap of maximum 20 marks – list based on NAAS ratings from most to least. All the authors will get full marks in publications with multiple authors).	30	
	Next 20 publications (other than above 20 publications): Each publication will be given a maximum of 1.0 mark with a cap of maximum 10 marks.	10	
	b) Books (Books with at least 200 pages) (each carries 2 marks)	5	
Patents granted/ Technologies commercialized(Max marks 15)	Concepts, Processes, Products Developed & Technology commercialised (2 marks for each technology commercialized)	10	
	Patent granted (2 marks for each granted patent)	5	
Peer Recognitions (Max marks 15)	a) National /International awards/ Best paper/ Best oral/ Best poster/Fellows (each carries 2 mark)	10	
	b) International Travel award (each carries 2 mark)	5	
Trainings organized (Max marks 3)	a)Organized training/ field day/ demonstration/	3	
Teaching (Max, marks 2)	Guiding students	2	
Citation of top 20 research papers (Max marks 5)	Citation for twenty most important publications based Google Scholar Citation Index (from most to least)	5	
	Total marks	100	

Note: Score card should be supported with proof for evidence