



**Post Graduate School
Indian Agricultural Research Institute
New Delhi - 110012**



Nominations for 5th Dr. A.B. Joshi Award for the biennial 2019-20

1. Name and Designation of the applicant/nominee in full:

2. Father' and mother's name:

Photograph

3. Address:

4. Contact Telephone No./FAX/E-mail:

5. Date and place of Birth:

6. Nationality:

7. Marital status:

8. Academic & Professional Qualification beginning with the first degree or equivalent (in a tabular form)

S.No.	Degree/Diploma	Year	Major field	University/I nstitution	Division/Dist inction
1	Graduation				
2	Masters				
3	Doctoral				
4	Any other degree/Diploma				
5	Post-doctoral				

9. Employment status (in tabular form):

Designation	Pay scale (Rs.)	Nature of work	Institute (Organization)	Period (From - To)

10. Training in India and/or Abroad (In the area relevant to the award)

Training	Institution/Country	Sponsored by	Duration	Subject

11. Research projects handled:

Details of the Research projects handled (Rs. 25 lakh and above)

S.No.	Name of the project	Funding agency	Duration and amount	PI/Co-PI/Associate	List 3 most important achievements

12. Details of the research work being presented for the award:

- (i). When, where and how the research works was conceptualized?
- (ii). Significant Research work carried out (Advancement in Science/technology generated, varieties developed/new concepts developed) (not more than 5 pages)
- (iii). What were the socio-economic, technological and scientific relevance and priorities of this work?
- (iv). What is the potential value of these results in increasing production, productivity, profitability and sustainability of agricultural enterprises in the relevant field? (with clear evidence)
- (v). What has been the actual impact of these findings in quantifiable and verifiable terms?

13. Details of contribution to advancement of agricultural education:

- i) Teaching experience (No. of years of teaching, Courses taught, No. of classes taken each year)
- ii) M.Sc. /M.Tech. /Ph.D. Guidance as Chairman (Give thesis titles, M.Sc. /M/Tech. and Ph.D.)
- iii) Curriculum development (National/International)
- iv) Development of systems of education/capacity building
- v) Awards and Honors conferred on students guided
- vi) Development of educational institutions (College/Department/New Teaching Programme/Infrastructure, more than Rs. 50 Lakhs)
- vii) Any other contribution to education

14 (i). List of all publications (having NAAS Score >6.0) in bibliographic format arising out of the research work.

S.No.	Name of Authors	Year of publication	Title of paper	Journal, Volume, Issue, page Nos.	NAAS Journal ID (2019)	NAAS Score (2019)	Number of citations based on ISI Science Citation Index

(i) Other publications

S.No.	Item	Details

I	Books/Books edited	
II	Book Chapters	
III	Scientific Review articles	
IV	Technical Bulletins/ Reports/Manuals/Concept papers/Policy brief, etc.	

15. Awards and Honors received

S. No.	Name of the Award/ Honor	Year	National/ International	Academy/Institutional/ Professional Society
1				
2				
3				

16. A concise statement (about 250 words) highlighting the most significant aspects of the research & education done that you would like to see in your citation, if chosen?

17. Whether any patents have been taken out or applied for, based on results of this research work? If so give details.

18. Whether this research work has been submitted for any other award/ recognition? If so, what was the outcome?

This is certified that all the information furnished by me is correct to the best of my knowledge and belief.

Place: **Date:** **(Signature of the Applicant/Nominee)**

Forwarding note by the Head of the Institution/ Nominating authority in support of the contribution to research and education.

(Signature & Seal)

Enclosures:

1. Application in original, duly forwarded/nominated and complete in all respect (5 copies)
2. One set of reprints of 10 most important publications
3. Documentary proof for all the claims made in the application

Guidelines governing “Dr. A.B. Joshi Memorial Award” for outstanding research contribution in the field of Agricultural Research and Education

1. Name of the Award

The name of the award shall be “Dr. A.B. Joshi Memorial Award” which is instituted in the field of Agricultural Research and Education to commemorate the memory of late Dr. A.B. Joshi, the first Indian Dean of IARI, Director and DDG (Crop Sciences), ICAR, New Delhi.

2. Nature of the Award

The Award will carry a sum of Rs. 1,00,000 (rupees one lakh only) in cash, a Medal and a Citation.

3. Source of Funds

Rs. 20,00,000/- Revenue receipt head of IARI for the year 2011-12 (code No.501/114199)

4. Objective of the Award

The award shall be made for either fundamental or applied research including invention, discoveries, development of technologies, and leading to results of practical value and social impact in India and outstanding contributions to Agricultural Education.

5. Periodicity of the Award

The periodicity of the award shall be biennium, commencing from the year 2011-2012.

6. Eligibility for the Award

The award shall be given to Indian Nationals for their outstanding contributions in the field of Agricultural Research and Education. The award shall be made for notable and original research (both fundamental and applied) leading to results of practical value and social impact in India, and significant contributions to advancement of agricultural education.

The original contributions should be evident in the form of publications, monographs, patents, varieties and technologies developed and popularized, educational achievements, leadership in promotion of agricultural education, dissemination and adoption of technologies by the stakeholders.

The nominee should be more than 55 years of age with a standing of 25 years of outstanding contributions both in the field of Agricultural Research and Education. The period of assessment shall be life time up to the year of application/nomination.

Applications/Nominations are to be made by the Secretaries of Science departments of Government of India, Vice-Chancellors, Directors of Agricultural Research Institutes of national importance and Presidents of National Academies.

7. Administration of the Award

The Institute shall have the sole right of selection of the recipients of the award and of the formulation of rules governing such selection from time to time.

8. Screening Committee

Dean and Joint Director (Edn.) will constitute a Screening Committee consisting of five (5) members concerning the major areas to the concerning year for scrutinizing and scoring the applications. The

quorum of the Screening Committee, for finalizing the recommendation shall be at least four (4) members including Chair & Member-Secretary.

9. Judging Committee

There will be a Judging Committee consisting of at least five (5) members. The Chairman of the Academic Council will nominate the Chairman for the Judging Committee and its members concerning the subject area to the concerned year. Dean and Joint Director (Edn.), IARI will be the Member-Secretary of the Committee. The quorum of the Judging Committee, for finalizing the recommendation shall be at least four (4) members including Chairman & Member- Secretary.

If any member of the Judging Committee himself/herself is to be considered for the award, he/she shall cease to be a member of these committees and some other Scientist will be nominated by the Chairman, Academic Council in his/her place.

The function of the Judging Committee shall recommend the name of the recipient for the award in accordance with procedure laid down hereinafter for approval of the Director, IARI.

In the opinion of the Judging Committee, if no deserving candidate is available, the award will not be given.

The award shall be given to only one person at one time and will not be shared.

10. Evaluation Criteria

- Significant contributions in advancement and promotion of agricultural education.
- Overall contributions in the field of Agricultural Research (both fundamental and applied) leading to results of practical value and social impact in India.

11. Procedure for selection of Recipient

Applications/Nominations will be invited from Indian nationals engaged in the field of Agricultural Sciences for the above award duly forwarded through concerned authorities. Each such application, which shall be in the prescribed form, accompanied with detailed statements of the work and attainment of the candidate is to be submitted by a specific date.

The Judging Committee shall recommend the name of the recipient for the award from the eligible and shortlisted applicants/nominations who secured a minimum of 75% marks.

The Award shall be withheld by the Judging Committee if in their opinion no sufficiently meritorious candidate is forthcoming in that year.

After the acceptance of the recommendations of the Judging Committee by the Academic Council, the award shall be announced.

12. Presentation of the Award

The award shall be made at the Convocation of the Institute and the awardee shall be required to deliver a lecture based on his/her contributions during the Convocation Week Programme.

The expenditure relating to the arrangements for the award and the TA/DA to the awardee to be paid as per the ICAR rules will be met out from the interest accrued from the deposit.

**Allocation of marks for scoring application/nominations for Dr. A.B. Joshi Memorial
Award for the biennial 2019-20**

S.No.	Criteria	Maximum Marks	Weightage
1	Research achievements: (i) Products/variety – 5 marks each (ii) Technology - 5 marks each (iii) Patents – 5 marks each	30	
2	Contribution to advancement of agricultural education and capacity building	40	
3	Research Papers other publications	20	
4	Awards and Honors	10	
	Total marks	100	
	Weightage for Judging Committee		20%

Products/variety, patents and Technologies developed and commercialized*:

- (i) Developer of each patented and commercialized product/technology / each plant variety Gazette Notified by the CVRC/ animal, fish, bird breed (strain) authenticated by accredited body (national level) (5 marks each).
- (ii) Copyrighted commercialized software/trademark/IP protection (5 marks each)
- (iii) Patents granted with details of Patent No. (5 marks for each patent).

*Developer (one) shall be awarded 100% marks, Co-developers (max. two) 75% marks and associates 50% marks.

Documentary evidence should be enclosed for the patents/ copyright, adoption of products and technologies and their impact on livelihood of farmers/commercial value and acceptance by clients/stakeholders.

Contribution to agricultural educational and capacity building:

- (i) Courses taught and number of classes taken in each course (10 marks): *Full marks, if taken at least 50 classes in a year, for 10 years.*
- (ii) M.Sc. /M.Tech. /Ph.D. Students Guided as Chairman (12 marks): *Give thesis titles. 1.0 mark for M.Sc./M.Tech. and 2.0 marks for each Ph.D. student guidance as Chairman.*
- (iii) Development of educational institutions, capacity building (8 marks) (1 mark for each activity).
- (iv) Curriculum development (National/International) (5 marks) (*1 mark each activity*).
- (v) Success of students (in terms of their recognition for awards) (5 marks): *Selection in ARS, Medals, Awards etc. (0.5 mark each).*

Publications:

- (i) For research papers (12 marks): Marks will be given according to the NAAS score of Journals (NAAS Score 20 = 0.2 mark). Each publication will be given a maximum of 0.2 mark with a cap of maximum 12 marks. *Attach one set of reprints of the 10 most important publications.*
- (ii) First author and Corresponding Author will get full marks in a publication and rest of the authors 75% marks.
- (iii) For books, Manuals, etc. (8 marks): 1.0 mark each for Book, 0.5 mark each for Edited book, 0.25 mark each for Manual, Scientific review paper, Bulletin, etc.

Awards and Honors :

- (i) Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc. (3 marks each, limited to maximum 6 marks) (full marks to individual / leader, and 50% marks to associate).
- (ii) National and International level Professional Society and Academy (not covered above) Awards/Recognition (Fellowship; Lifetime Achievement Award; President, Editor-in-Chief (or equivalent), and Secretary positions) (0.5 mark each limited to maximum 4 marks).