

5) ICAR- Jawaharlal Nehru Award for Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences

a) General Rules Governing the Award:

- 1) **Name of the Award:** ICAR- Jawaharlal Nehru Award for Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences.
- 2) **Sponsor:** Indian Council of Agricultural Research, New Delhi.
- 3) **Objectives of the Award**
 - To provide recognition to outstanding original research done by doctoral degree students
 - To provide incentive for enhancing the quality of doctoral thesis research
 - To promote high quality doctoral thesis research in emerging priority areas

4) Nature of the Award

This award is meant exclusively for doctoral thesis related to agricultural sciences from any Indian University. Each individual award consists of Rs. 50,000 in cash plus a citation and silver medal (Gold polished). The 4 awards will be given but not more than 1 award in any one of the subject areas:

i	Crop & Horticultural Sciences (1)
ii	Natural Resource Management & Agricultural Engineering (1)
iii	Animal and Fisheries Sciences (1)
iv	Social sciences (1)

5) Eligibility:

- Any Indian who has completed his Ph.D. degree in agricultural and allied sciences in the above areas.
- The Certificate of the degree/provisional degree must have been obtained during the year preceding the year of the award. A thesis will be considered only once.
- The research work must be original and must have a direct bearing on some relevant aspects of the agricultural production/management systems.
- The results obtained must have the potential of enhancing the production/productivity/sustainability of the relevant agricultural production/management system or substantially advance our knowledge.

- Must have published/accepted at least two good research papers in a journal having NAAS rating of 6 and above

6) Administration of the Award:

There shall be a Judging Committee consisting of 9 members, with one member from outside the NARS, including the Chairperson appointed by the DG, ICAR. Wherever deemed necessary the Judging Committee may identify a panel of experts to assist it in the evaluation of the applications. Taking into consideration the evaluation by the experts the Judging Committee shall evaluate the theses and make recommendations to the Council.

7) Evaluation Criteria

- Conceptual clarity and coherence of the research problem
- Scientific, technological and socio-economic relevance and priority of the research problem
- Compilation, analysis and interpretation of existing literature, quality of illustrations and photographs
- Organization of research work. Complementarily of the various experiments and investigations and their integration into a logical plan of work
- Conduct of the research programmes: Scientific soundness and technological modernity of the experimental methods and logical planning
- Scientific validity and accuracy of the analysis of experimental data
- Principal findings: To what extent do they meet the objectives of the research programme
- In what way the findings constitute a significant advance in our knowledge and understanding or help improve productivity and sustainability
- Research papers published, and their quality as judged by the NAAS rating
- Patents copyrights applied and accepted

8) Evaluation Criteria for Jawaharlal Nehru Award Applications (Year)

Sr. No	Point	Relative score
1.	1) Priority area in the field of subject of major specialization and socio-economic relevance (5) 2) Conceptual clarity and coherence of research problem (Does the title address the specific research or a general mention of the literature) (3)	13

	3) Summary- reflects the claimed excellence and to be the first of its kind in research. Does it meet the objectives? (5)	
2.	Review of Literature: A critical review and analysis of citing of work, interpretation of existing literature Does it take the reader to the conclusion that the research topic is important and vital	10
3.	Is the problem identification a) Researchable proposition? b) Answers to questions posed c) Is a sequel to the field problem? d) Does it have deliverables out of work e) Were any special tools, specially developed for research work	10
4.	Materials and methods a) Techniques (2) b) Procedure (2) c) Scientific soundness (2) d) Technological modernity/ instrumentation tools latest to support the research (3) e) Design of the experiment (2) f) Statistical analysis of data (4)	15
5.	Results & discussions a) Presentation, documentation, interpretation b) To what extent the results meet the objectives c) In what way the results constitute a significant advance	20
6.	Placement quality of tables, diagrams/ models field data problem analysis	7
7.	Structuring of discussion a) Does it discuss the questions posed in the review (5) b) Does it provide solutions and help productivity of sustainability (5)	10
8.	1) Techno gram/ technology/ process/ product development	15

	2) Publication (after the first one) from the thesis research 3) Patent etc.	
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9) Procedure:

Applications/Nominations for the award will be invited during Dec/Jan/Feb once every year. Nominations in the prescribed format will be made online. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the council along with the draft citations. Self-Nominations will also be accepted. If no outstanding entries have been received, no award will be awarded.

10) Presentation:

- The announcement of the awards shall be made through letters & personal mails to the awardees before the Awards Presentation Ceremony to be held on the Foundation Day of ICAR i.e. 16th July following the year of award or on any other important occasion as decided by the competent authority.
- The awardees shall give presentations on their achievements before an audience consisting of eminent agricultural and nonagricultural scientists among other invitees.
- The achievements of the awardee scholars shall be publicized widely through press and electronic media and other communication channels.

a) Application/ Nomination Form for ICAR- Jawaharlal Nehru Award for Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences

1. Name of the Award
2. Subject area in which application is to be considered
3. Year
4. Name of the student in full (underline surname)
5. Date and place of birth
6. Marital status
7. Present citizenship
8. Present postal address
9. Mobile no./email
10. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)



S.No.	Degree	Institution	Year

11. Date on which Qualifying Examination passed
12. Transcript of the course work done, if any, as part of the doctoral degree programme. (enclose photocopy)
13. Was the thesis submitted in partial fulfillment of the requirement of the Degree? Yes/No
14. Date on which successfully completed thesis viva voce examination.
15. Details of the thesis research submitted for the award
 - (i) Title of the thesis
 - (ii) Department/Division/Institution where research work was done
 - (iii) Institution/University to which thesis was submitted as a part of the doctoral degree programme.
 - (iv) Name and Designation of the thesis supervisor
 - (v) Research problem: Brief description, scientific, technological, socio-economic relevance and priority (limit to 1 page)
 - (vi) What standard methods and modern procedures were used in the experimental work? (limit to one page)
 - (vii) Were any special tools/procedures specially developed for the thesis research. Yes/No if yes give information (limit to one page)
 - (viii) Briefly describe the significant results obtained? (not more than 3 pages)
 - (ix) In what way these results have made an original contribution to science and have impact
 - (x) List the publications (published/accepted) that have arisen from this research work giving the NAAS rating (Please do not include the publication that have been submitted or papers presented published in Seminars/symposia/conferences etc.)

(xi) Soft copy in PDF format and a hard copy need to be submitted otherwise application will not be considered.

16. Whether any patents have been taken/applied for
17. A concise statement (about 150 words) highlighting the most significant aspects of the research work done that you would like to see in your citation of award, if chosen.
18. Copy of the Annual Immovable Property Return (year of the award) if the person is employed in ICAR and any other Government Organization.
19. Certificate by the student

Signature

20. Certificate by the supervisor that the information submitted has been verified and true

Signature

21. Forwarding note by the Head of the institution

Name and Designation

Seal