



# ICAR AWARDS

## Rules and Guidelines



Indian Council of Agricultural Research

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Indian Council of Agricultural Research  
Krishi Bhawan, New Delhi

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शरद पवार  
SHARAD PAWAR



कृषि एवं खाद्य प्रसंस्करण उद्योग मंत्री  
भारत सरकार  
Minister of Agriculture &  
Food Processing Industries  
Government of India

## Message

**T**HE Indian Council of Agricultural Research has a long tradition of recognizing the contributions of agricultural scientists, farmers and other stakeholders in strengthening the agricultural research, education and extension system by giving awards. Over the years, ICAR awards have earned great respect and prestige at the national and international level.

However, a need was felt recently to revisit the award scheme with a view to expand the arena of categories and value of awards. I am delighted that the ICAR has instituted two major awards, *viz.* 'ICAR Norman Borlaug Award' & 'ICAR Challenge Award' and a number of awards for the extension system for the first time. The revised versions of the guidelines and other features of the existing awards are more apt and pertinent in the current scenario.

I do hope that ICAR awards will continue to motivate and generate a spirit of healthy competition towards excellence in the agricultural research system. I compliment the efforts of the ICAR in bringing out this useful document 'ICAR Awards – Rules and Guidelines'.

31 January 2011  
New Delhi



(Sharad Pawar)



## Foreword

THE Indian Council of Agricultural Research as the national apex organization, has been contributing to the productivity enhancement and diversification of Indian agriculture, with its programmes and activities in research, education and extension education. The comprehensive initiatives of the National Agricultural Research System have enabled science-led and technology-based growth and development of agriculture in the country, with farmer at the centre stage. With a view to address the emerging challenges of national resource management, input use efficiency, impact of climate change, diversification, post harvest losses, improving farmers' incomes and also improve efficiency at different stages of 'seed to market', various approaches were undertaken by the system, with desired accomplishments.

In order to recognize the contributions as well as to stimulate further efforts, the ICAR, since 1956 regularly confers different categories of awards. These were reviewed in 1999 to expand the categories and value of awards for both, individual and institutional excellence. In the last ten years, there have been changes in the context and approach by encompassing more disciplines as well as bringing into fore the importance of teaching and extension along with research that contribute in a wholesome manner to agricultural productivity. It is in this context that the ICAR award scheme was revisited, with the experience of the scheme over the years, inputs from various Judging Committees and the Committees constituted for the purpose.

Apart from revising the guidelines and other features of the existing awards, the ICAR is instituting for the first time, 'ICAR Norman Borlaug Award', 'ICAR Challenge Award' and a number of awards for the extension system. In most cases, the awards have also been opened to researchers across the institutions and organizations, including overseas. It is expected that this would provide a platform for acknowledging the contributions of researchers, teachers, extension specialists, farmers and students associated with agriculture alike, as also kindling interest in taking on to new challenges in Indian agriculture. It is hoped that this would also generate a spirit of healthy competition towards excellence among colleagues and excite the youth to take to agricultural research and education in a much bigger way in the years to come.

I would like to express my gratitude to the Hon'ble Union Agriculture Minister and the President of the ICAR Society for his kind guidance and approval of the new ICAR Award scheme. I am also grateful to the members of the Governing Body and various Committees for their inputs in finalizing these Rules and Guidelines. I also compliment the Assistant Director General (Coordination) and his staff for their efforts that are highly appreciated in bringing out the publication "ICAR Awards – Rules and Guidelines".

19<sup>th</sup> January, 2011  
New Delhi



(S. Ayyappan)  
Secretary, DARE  
&  
Director General, ICAR

## Acknowledgement

THE ICAR constituted two committees – one under the Chairmanship of Prof. V.L.Chopra, Former Member of Planning Commission and the other under the Chairmanship of Dr. S.L.Mehta, Former Vice Chancellor M.P.U.Ag.&Tech. Udaipur, to suggest new awards with their guidelines and to revisit the rules and guidelines of existing awards. The recommendations of the both the committees were discussed in details among the Senior Officers of ICAR HQ. Later the valuable suggestions emerged during the 219<sup>th</sup> meeting of Governing Body of ICAR were incorporated. The booklet is the outcome of these efforts.

I am grateful to Dr.S.Ayyappan, Secretary DARE & DG ICAR for the guidance, inspiration, encouragement and suggestions during the compilation of the manuscript.

Shri Rajiv Mehrishi, Additional Secretary DARE & Secretary ICAR, not only gave valuable inputs in revising the guidelines of ICAR awards but also contributed immensely in preparing the guidelines of the Norman Borlaug Award and Challenge Award, as member of both the committee mentioned above. His contribution is gratefully acknowledged.

Dr. M. M. Pandey, DDG (Agril. Engg.) and Dr. Arvind Kumar DDG (Agril.Edu.) deserve special mention for their kind cooperation and valuable inputs for improving the manuscript.

In the last but not least I would like to acknowledge all the senior officers of ICAR HQ, who at one time or another contributed in the development of rules and guidelines of ICAR Awards. The efforts made by the staff of Coordination and Award Unit in organizing the meetings efficiently and carrying out the official formalities deserve appreciation.

*Ravindra Kumar*

(Ravindra Kumar)

Assistant Director General (Coordination)

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# Indian Council of Agricultural Research Awards

## Introduction

The Indian Council of Agricultural Research (ICAR), is a registered society and acts as an autonomous organization. It plans, undertakes, aids, promotes and coordinates education, research and its application in agriculture, agroforestry, animal husbandry, fisheries, home science and allied sciences. It also acts as a clearing house of research and general information relating to agriculture, animal husbandry, home science and allied sciences, and fisheries through its publications and information system; and instituting and promoting transfer of technology programmes. It provides, undertakes and promotes consultancy services in the fields of education, research, training and dissemination of information in agriculture, agroforestry, animal husbandry, fisheries, home science and allied sciences and look into the problems relating to broader areas of rural development concerning agriculture, including post-harvest technology by developing co-operative programmes with other organizations such as the Indian Council of Social Science Research, Council of Scientific and Industrial Research, Bhabha Atomic Research Centre and the universities.

The ICAR was set up on 16<sup>th</sup> July, 1929 on the recommendations of the Royal Commission on Agriculture. It was reorganized in 1965 and 1973. Over the years it has developed a large research and training infrastructure and operates through 49 Research Institutes, 6 National Bureaux, 25 Project Directorates, 17 National Research Centres, 78 All India Co-ordinated Research Projects & All India Network programme, 46 State Agricultural Universities, one Central Agricultural University and 589 Krishi Vigyan Kendras.

The ICAR has, over the years, instituted number of awards to recognize the outstanding performance in agricultural research, education, extension and development by scientists, teachers, extension workers and farmers. The first of these awards, the Rafi Ahemad Kidwai Award for outstanding research in agricultural sciences was instituted in 1956. With the passage of time 16 more awards were added and their eligibility criteria and guidelines suited the needs of that time. A revisit of these awards was, therefore, deemed necessary. It was felt that awards should carry a respectable cash amount, but more importantly create a system, whereby awardees are provided research grants for specified research which will incentivise and motivate the scientists to come out with results that are beneficial to ICAR and the nation. Each award should have a suitable creativity index which is measurable and gradable.

## An Overview

To date, ICAR has instituted 19 awards. Each award provides a number of individual prizes specified to a particular subject area/theme relevant to the motto of the award. The different awards, number of prizes under each award, cash amount for each prize and frequency are given in the following table.

**Table: A summary description of ICAR Awards**

Sl. No.	Name	Number of Prizes	Amount/prize ₹	Frequency
1	Norman Borlaug Award	1	₹10,00,000+₹30,00,000 per year for five years as research contingency grant	Annual
2	Challenge Award	Number of Challenges solved	₹10,00,000 + a share in the income to ICAR from the commercialization	As often as challenge is solved
3	Jawahar Lal Nehru Award	18	₹50,000	Annual
4	Sardar Patel Award	3	₹10,00,000	Annual
5	Rafi Ahmed Kidwai Award	4	₹5,00,000	Annual
6	Hari Om Ashram Trust Award	4	₹1,00,000	Biennial
7	Swami Sahajanand Saraswati Award	2	₹1,00,000	Annual
8	Lal Bahadur Shastri Award	4	₹1,00,000 + (₹10 Lakh per year for project + ₹ 5 Lakh for 3 months foreign training)	Annual
9	Chaudhary Charan Singh Award	2	₹1,00,000	Annual
10	Jagjivan Ram Abhinav Kisan Puraskar	10 (2 National +8 Zonal)	₹1,00,000 + (₹1 Lakh for promotion of achievement at national level and ₹50,000 + ₹50,000 for promotion of Achievement in Zone )	Annual
11	N.G. Ranga Award	1	₹1,00,000	Annual
12	Dr. C. Subramaniam Award for Outstanding Teachers	4	₹100,000+₹1 Lakh to promote innovation in teaching	Annual
13	Panjabrao Deshmukh Woman Scientist Award	2	₹1,00,000 + (₹1 lakh for motivating the women scientists & female students)	Annual
14	Vasantrao Naik Award	1	₹1,00,000	Annual



Sl. No.	Name	Number of Prizes	Amount/prize ₹	Frequency
15	Fakhruddin Ali Ahmed Award	2	₹1,00,000 +(₹1 lakh for study on related subject area)	Annual
16	Dr. Rajendra Prasad Puraskar	4	₹1,00,000	Annual
17	Chaudhary Devi Lal Award	1	₹3,00,000(₹2 lakh for main coordinating unit + ₹1 lakh for best centre	Annual
18	(A) Krishi Vigyan Kendra Awards (National)	1	₹12,00,000(₹3 lakh Cash Price + ₹3 Lakh for infrastructure development + ₹1 lakh for sharing among staff + ₹5 lakh for overseas training of PC)	Annual
	(B) Krishi Vigyan Kendra Award (Zonal)	8	₹5,00,000(₹1 lakh Cash Price + ₹2 Lakh for infrastructure development + ₹1 lakh for sharing among staff + ₹1 lakh for training in Indian Institutes of PC)	Annual
19	Team Research Award	4	₹5,00,000	Biennial

The application /nomination form, eligibility criteria, evaluation procedures and evaluation criteria are available in details with the guidelines of each award in the subsequent chapters of the book.

The announcement of the awards will be made through letters to the awardees before two week of the Awards Presentation Ceremony which would normally be held on the Foundation Day of ICAR Society i.e. 16<sup>th</sup> July every year or on a day decided by the competent authority. As mentioned in the guidelines of certain awards, the awardees would give a presentation on achievements of his work to an audience consisting of eminent agricultural and non agricultural scientists. TA/DA to the awardees would be paid by the ICAR and to be restricted to the single to- and-fro first class rail fare with in the national boundaries.

The awards are administered by the ICAR through Award Cell in the office of Secretary, ICAR. The cell is headed by a scientist of the rank of an Assistant Director General in the ICAR. In case of the post award provisions the administration and monitoring would be carried out by the Subject Matter Divisions as mentioned in the rules and guidelines of that award.



## **Norman Borlaug Award : Rules**

### **1. Name of the Award**

ICAR Norman Borlaug Award

### **2. Sponsor**

Indian Council of Agricultural Research, Krishi Bhavan, New Delhi

### **3. Mission Statement**

To identify a scientist, who has provided a breakthrough for agriculture through a new insight that has created high potential value for the future.

### **4. Objective**

- i. To recognise the elements of a genius in a scientist who has conducted path-breaking research.
- ii. To recognise, incentivise and award a scientist of truly exceptional ability and originality of thinking.

### **5. Nature of the Award**

This award is meant for a scientist of any discipline of agricultural and allied sciences and not necessarily confined to NARS, without restriction of any minimum or maximum age, whose research work has played a rare quality of original thinking and path-breaking output. The award would be of ₹10 lakh in cash. Apart from this, the elected scientist would be given a research contingency grant of ₹30 lakh per year for carrying out research in an area identified mutually by the scientist and the ICAR, which will have specified objectives and goals. Grant would be admissible for a maximum of five years, subject to annual review and favourable recommendation by a committee of agricultural and non-agricultural scientists set up for the project.

### **6. Frequency**

Nomination to be invited every year. Award is to be given if a rare and exceptionally gifted person or genius can be identified.

### **7. Eligibility Criteria**

The award is open to all Indian scientists, and not restricted to NARS alone. There is no minimum or maximum age restriction. The research work should be defined by its originality in thinking, its path-breaking nature, and its high potential value for the future.



**8. Administration of the Award**

There will be a judging committee of 3 to 5 members, chaired by the President of a science academy in India. DG, ICAR and at least one National Professor will also be members. The other two members will be nominated by DG, ICAR in consultation with the chairperson of the judging committee. One of the remaining 2 members should be from outside NARS.

Wherever necessary, the judging committee may invite non-member experts for advice and evaluation.

An award to be given only if award criteria are met.

**9. Evaluation criteria**

Will be decided by the judging committee on its own.

**10. Procedure**

No application will be entertained for the award.

The awardees will be identified by nomination alone, for which science academies, both agricultural and non-agricultural, universities and other eminent scientists will be approached by ICAR.

**11. General**

The awardee scientist will make a presentation on the work done by him/her, for which he/she has received the award, to an audience consisting of, amongst others, a panel of eminent agricultural and non-agricultural scientists.



## Norman Borlaug Award: Nomination Form

1. Name of the Award
2. Subject in which to be considered
3. Year
4. Name and designation of the scientist in full  
(underline surname)
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)

Photo
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S.No.	Degree	Institution	Year

10. Employment record (in tabular form)
11. Training undergone
12. Foreign visits (period and purpose)
13. When, where and how the research works was conceptualized?
14. Research outcome
15. Likely impact of the work on future science and technology, and in socio-economic terms
16. Nature of insight of breakthrough, alongwith full details of research work
17. The originality of approach and thinking (descriptive in less than 100 words) as shown in the above
18. Was any other scientist/s involved in the research project, and if so, name and address and the nature and extent of involvement may be given
19. Has the work been published? If so, in which journal/s and what is the NAAS/International rating of the journal/s
20. Has the work been cited? If so, the ISI science citation index.
21. Patent obtained, if any
22. Whether this research work has been submitted for any other award/ recognition? If so, what was the outcome?
23. A concise statement (about 150 words) highlighting the most significant aspect of the research work done that you would like to see in citation, if chosen

Signature

24. Annexure

Signature and seal



## Challenge Award: Rules

**1. Name of the Award**

ICAR Challenge Award

**2. Sponsor**

Indian Council of Agricultural Research, Krishi Bhavan, New Delhi

**3. Mission Statement and Objective**

To find a solution for any immediate or long-standing problem, or limitation in agriculture, which is coming in the way of agricultural development enhancing productivity in any major agricultural, horticultural or animal/fish product.

**4. Nature of the Award and its administration**

ICAR will identify a maximum of 10 major challenges (problems/limitations) in agricultural production, characterized by the following:

- i. Either a long-standing problem which has defied solution over the years, or;
- ii. An emerging problem which has potential of widespread damage and adverse impact on productivity.

The list will be hosted on the website of the ICAR as well as circulated amongst scientific community through science academies, science departments and universities. Depending on the priority, the list of challenges will be subject to revision.

Any scientist or group of scientists may, at any time, file a claim of having solved any one of these “challenges”. Claims will be filed in a format devised by the ICAR and available on website.

The filed claims will be reviewed by a judging committee of 3-5 members chaired by the DG, ICAR, and having as member a scientist who has been a National Professor or an eminent scientist. The committee may ask for expert advice or evaluation. This committee would decide whether the claim made has any prima facie merit.

At the end of each six-month period, the claims identified as having prima-facie merit would be presented before the judging committee by the scientist(s) who have made the claim. In the presentation the scientist(s) who have made the claim will be asked to cover the following technical parameters:

- Review of the problem/challenge to develop the concept and objective of the research project and quantification of the adverse impact, and explanation of technology itself
- Methods adopted/experiments carried out and reasons thereof
- Outcome of the experiments
- Demonstrations to farmers/end users
- Adoption/commercialization of technology
- Quantification in terms of improvement, i.e., per cent increase in productivity; saving expenditure/labour/time, increasing shelf life of the product, increasing potential of natural resources, e.g., soil fertility, irrigation, improving waste land, disease resistance, drought resistance, etc.

From amongst the presentations made, the judging committee will make a list of those which have theoretically established the possibility of a solution having been found. Thereafter, a DG-nominated specialist team of the ICAR scientists and others from within NARS or outside, if necessary, will determine, in consultation with the scientist(s) having made the claim, the experiments/demonstrations/tests.

If the ICAR is satisfied, after the above series of experiments/demonstrations/tests, etc. that the technology is indeed capable of solving the identified challenge, the ICAR shall immediately get the technology patented and begin efforts, in collaboration with the scientist(s) concerned, to commercialize the technology.

Once the technology is commercialized, the award shall be announced and given to the scientist(s) who has/have solved the challenge, and the challenge would be removed from the list of challenges hosted on ICAR's website.

The award shall consist of ₹10 lakh in cash, a citation, and a share in the income to ICAR from the commercialization as per ICAR guidelines. The solving of the challenge will be announced in a press conference to be held by the ICAR and the scientist(s), jointly.

The ICAR may consider naming one of their national professorship/fellowship in the name of the scientist(s) who has/have solved the challenge.

## **6. Frequency**

As often as a challenge is solved.



**7. Eligibility Criteria**

All agricultural scientists of any age are eligible.

Claims made by any non-scientist(s) may also be considered by ICAR at its discretion.

**8. Evaluation Criteria**

ICAR's satisfaction whether or not the challenge has been solved.

**9. Procedure**

By the nature of the award, claims will have to be filed. However, ICAR may, at its discretion, also entertain nominations, subject to the scientist(s) who has/have carried out the research, agreeing to fill out the ICAR's prescribed proforma for filing claim, once ICAR makes request to him/ them for the same on the basis of the nomination received.

**11. General**

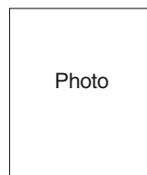
The scientist(s) will be required to give at least 5 presentations of the work done by them in five different regions of the country. TA/DA and organisational expenses on the visits/lectures would be borne by the ICAR.

Subject to ICAR and the scientist(s) agreeing, the number of presentations can be larger in number.



## Challenge Award : Application Form

1. Name of the Award
2. Subject in which to be considered
3. Year
4. Name and designation of the scientist in full  
(underline surname)
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)



S.No.	Degree	Institution	Year

10. Employment record (in tabular form)
11. Training undergone
12. Foreign visits (period and purpose)
13. Which challenge of ICAR was met?
14. How was it met-please describe along with the details of the research work
15. Has the research been published? If so, in which journal/s and what is their NAAS/International rating
16. Has the work been cited and if so what is the ISI Science Citation Index.
17. List of all the scientists involved in the Project along with their names and addresses

Signature

18. Annexure

Signature and seal



## Jawaharlal Nehru Award : Rules

### 1. Name of the Award

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. In addition a total of eighteen individual awards have been provided. Each individual award consists of ₹50,000 in cash plus a citation and silver medal (Gold polished). The eighteen awards will be given but not more than two awards in any one of the subject areas given below:

i.	Crop Sciences
ii.	Biotechnology (Plant/Animal/Fishery)
iii.	Crop Protection
iv.	Natural Resource Management
v.	Horticulture
vi.	Agricultural Engineering
vii.	Animal Sciences
viii.	Fisheries Sciences
ix.	Social sciences

### 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 one good research paper in a journal having NAAS rating of 6 and above.

#### **6. Administration of the Award**

There shall be a Judging Committee consisting of 5-6 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. Complementarity 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. Procedure**

Applications for the award will be invited during September/October of the year of the award. Applications made in the prescribed form obtainable from the Award Cell of ICAR, will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the Applications, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

**9. Presentation**

The presentation of award will be made on the subsequent Foundation Day of the ICAR i.e. 16<sup>th</sup> July. The awardee would give a presentation on achievements of his work to the audience consisting of eminent agricultural & non agricultural scientists.



## Jawaharlal Nehru Award: Application Form

1. Name of the Award
2. Subject area in which application 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. Telephone, email, fax etc.
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 symposia papers)
  - (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. Certificate by the student

Signature

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

Signature

20. Forwarding note by the Head of the institution

Name and Designation

Seal

21. Annexures



## Sardar Patel Award: Rules

### 1. Name of the Award

Sardar Patel Outstanding ICAR Institution Award

### 2. Sponsor

The Indian Council of Agricultural Research, New Delhi.

### 3. Objective of the Award

- To recognize outstanding performance by the ICAR institutes, DUs of ICAR, CAU and State Agricultural Universities
- To provide incentive for outstanding institutional/University performance
- To promote a sense of institutional pride in achievements

### 4. Nature of the Award

An individual award under the award consists of ₹10,00,000 in cash, a citation and a plaque for SAUs and DUs and for other ICAR Institutes.

A total of three individual awards have been provided. The three awards will be given to the following three categories of institutions.

State Agricultural Universities and 4 Deemed Universities of ICAR	One award
ICAR Institutes	One for large institutes (sanctioned scientific cadre strength more than 60) One for small institutes, NRCs and Project Directorates etc. (sanctioned scientific cadre strength up to 60)

### 5. Utilization of the Award Money

The award money shall be put in fixed deposit and the income generated could be utilized for the following:

- i. For supporting participation of faculty in training/Seminar/Symposium in India or overseas
- ii. For the establishment/development of its staff welfare programmes
- iii. For providing assistance to Ph.D students for participation in Seminar/training in India.



- iv. Any other activity decided by the Board of Management or IMC of ICAR Institute

## 6. Frequency

Once a year

## 7. Eligibility Criteria

All the ICAR DUs, Research institutes, Project Directorates, National Research Centres, National Bureaus, the Central Agricultural Universities and the State Agricultural Universities are eligible. The institution applying for the award must be in existence for at least 10 years. The award-winning institutions will not be eligible to apply for this award for the next Ten years.

## 8. Administration of the Award

A Judging Committee of 6 members, including the DG, ICAR as Chairman and at least one member from outside NARS and other Members appointed by the DG, ICAR as below shall evaluate all the applications, identify the award-winning institution and make appropriate recommendations to the Council.

- |   |            |
|---|------------|
| - DG, ICAR  | - Chairman |
| - Expert Crops and Horticultural Sciences                       | - Member   |
| - Expert, Livestock and Fisheries Sciences                      | - Member   |
| - Expert, Agricultural Education, Extension and Social Sciences | - Member   |
| - Expert, Agricultural Engineering/NRM                          | - Member   |
| - Member outside NARS   | -Member    |

## 9. Evaluation Criteria

- The Organizational profile of the institution, its mandate and its translation into programmes./Activities.
- The relevance and priority of each programme( Research, Teaching for university and extension education) allocation of manpower, infrastructure and operational funds
- The principal output of each programme relative to the allocation of resources and the scientific/technological/socio-economic potential of the outputs in meeting the specified objectives of the programme
- The overall impact of the institution's programmes
- For DUs and SAUs student performance at JRF, SRF, GATE, ARS and other National tests/Examination during the last five years
- Placement of students



- Student Awards/Recognition at National level
- Resource mobilization and utilization efficiency indices viz: External funding through Projects, resource generated through sale of produce/products/expertise; Staff position, and other indices that may more accurately reflect the performance of the institution
- Extent and quality of functional interaction with other relevant institutions, organizations and line departments as reflected through MoUs, collaborative publications, etc.
- Faculty Awards and Recognitions at National and International level. Please do not include Society and Poster Awards
- National/ International Leadership status achieved in specific fields of scientific/technological/ educational/ training endeavor
- Significant publications. Research publications in journals having NAAS rating of 6.0 and above.
- Any other significant contribution

#### **10. Procedure**

Applications for the award will be invited during September/October of the year of the award. Applications made in the prescribed form obtainable from the Award Cell, will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

#### **11. Presentation**

The presentation of award will be made on the Foundation day of the ICAR i.e. 16<sup>th</sup> July of the year.



## **Sardar Patel Award: Application Form for SAUs/ CAU /ICAR DUs**

1. Name of the Award
2. Year
3. Name of the institution with full postal and telecommunication address
4. A concise historical account of the establishment and development; organizational, functional and financial profile of the institution (No more than 4 pages)
5. The specific objectives, relative priority and resource allocated to the various programmes.
6. Significant outputs and outcome during last five years. (**Weightage for education research and extension 35:35:30 for Aus**) (**Research Institutes 70:30 for research and extension activities**)

### **A. Education**

Number of students admitted in UG, Masters and PhD programmes.  
(Yearwise for the last 5 years)

Student Performance (Give names and other details)

- JRF ( ICAR)
- SRF/UGC JRF/CSIR SRF
- ARS
- GATE (with percentile of 95% and above)
- Overseas admissions
- Civil services and other all India examinations
- Others(specify)
- No. of Ph.D. thesis submitted
- No. of research papers published from Ph.D. theses in journals with NAAS rating 6.0 and above (List separately)
- Employment/Placement

### **B. Research**

- Significant research contributions ( Not more than 10 pages)
- Publications other than from PhD theses publications (List only those published in Peer reviewed journal and with NAAS rating of 6.0 or more. Indicate average number of publications per scientist along with NAAS Rating Average).



- Significant advance made in science/technology,
  - Patents obtained,
  - Technologies developed and commercialized,
  - Varieties developed including the breeder seed produced for each variety.
  - Citation of 30 important publications
- C. Awards/Recognition (Faculty)**
- National and International
  - All India Sports & Youth festivals (only 1<sup>st</sup> and 2<sup>nd</sup> awards)
  - ICAR Jawahar Lal Nehru Award for Ph. D thesis
- D. Extension education (submit documentary evidence)**
- Vocational training programmes organized & beneficiary & impact
  - Farmers covered and impact
  - Seed and Planting material distributed
  - E -learning material for farmer produced
  - Extension publications (Numbers) Radio Talks and Press coverage
  - Innovation in Extension Education
  - Impact of extension programmes ( Indicate quantifiable indicators)
  - Effective linkages with stake holders especially with development departments with documentary evidence of impact
  - Resources generated through KVKs
  - External funding mobilized
  - No. of Villages and farmers covered
  - Awards and Recognitions won by extension scientists at District/ State/ National level
  - Success stories documented
  - Entrepreneurship developed
  - List new technologies promoted and extent of adoption
- 7. Overall Impact: (during last five years)**
- Breeder Seed produced and sold (year wise)
  - Area covered by varieties of Univ.
  - Technologies commercialized and income generated
  - Consultancy money earned



- Patents obtained
  - Resources generated through sale of produce
8. **Management efficiency indicators (yearly)**
- Externally funded projects (list and amount)
  - Accreditation done Yes/No
  - No. of self financing courses
  - Is Faculty Strength in each college as per norms Yes/ No
  - If yes give information in the table norm and in place
  - Total funds spent on salaries, infrastructure, equipment,
  - civil and recurring contingencies
  - Internet connectivity (Band width)
  - LAN connectivity to all colleges and hostels Yes/ No
    - Connectivity level(tick mark) College/department/faculty desk
  - Computerization status
    - Student activities
    - Finance
    - Digitization of library
9. Institutional development programmes- manpower, funds spent on major in-infrastructure and equipment (costing Rs.10 lakh and more each only).
10. Any other information that may reflect on the performance of the institution
11. Copy of the most recent annual report of the institution.
12. Any other information deemed significant by the institution (in bullet form and not more than one page).
13. Give major highlights of your accomplishments in 200 words that you would like to see in your citation of award, if chosen.
14. Certificate and forwarding note by the Head of the institution
- Name  
Designation
- Signature and seal
15. List of annexure



## **Sardar Patel Award :** **Application Form for ICAR Institutes other than DUs**

1. Name of the Award
2. Year
3. Name of the institution with full postal and telecommunication address
4. A concise historical account of the establishment and development; organizational, functional and financial profile of the institution (No more than 4 pages)
5. The specific objectives, relative priority and resource allocated to the various programmes
6. Significant outputs and outcome during last five years (**Weightage for research and extension is 80:20 for research and extension activities**)

### **A. Research**

- Significant Research work done (not more than 10 pages including photographs and illustrations)
- Impact of achievements in quantifiable terms to increase productivity / profitability/sustainability
- Publications (List only those published in Peer reviewed journal and with NAAS rating of 6.0 or more. Indicate average number of publications per scientist along with NAAS Rating Average)
- Citation of 20 most important publications
- Significant advance made in science/technology,
- Patents obtained,
- Technologies developed and commercialized,
- Varieties developed including the breeder seed produced for each variety
- External funding mobilize

### **B. Extension education (Not exceeding 8 pages)**

- Vocational training programmes organized & beneficiary & impact
- Farmers covered and impact
- Seed and Planting material distributed
- E -learning material for farmer produced
- Extension publications (Numbers) Radio Talks and Press coverage
- Innovation in Extension Education



- Impact of extension programmes( Indicate quantifiable indicators)
  - Effective linkages with stake holders especially with development departments with documentary evidence of impact
  - Resources generated
  - No. of Villages and farmers covered
  - Awards and Recognitions won by extension scientists at District,/ State/National level
  - Success stories documented
  - Entrepreneurship developed
  - List new technologies promoted and extent of adoption
7. Staff position (cadre strength and in position)
  8. Budget for five years (Plan and non- plan)
  9. Awards/Recognition by scientists at National level
  10. Overall Impact: (during last five years)
    - i. Breeder Seed produced and sold (year wise)
    - ii. Area covered by varieties of institute
    - iii. Technologies commercialized and income generated.
    - iv. Consultancy money earned
    - v. Patents obtained.
    - vi. Resources generated through sale of produce.
  11. Management efficiency indicators ( yearly)
    - Externally funded projects (list and amount).
    - Total funds spent on salaries, infrastructure, equipment, civil and recurring contingencies,
    - Internet connectivity (Band width)
    - LAN connectivity ( Yes/ No)
      - Connectivity level(tick mark) department/scientist desk
    - Computerization status
      - Finance
      - Digitization of library
  12. Institutional development programmes- manpower, funds spent on major in-infrastructure and equipment (costing Rs.10 lakh and more each only).
  13. Any other information that may reflect on the performance of the institution



14. Copy of the most recent annual report of the institution
15. Any other information deemed significant by the institution (in bullet form and not more than one page)
16. Give major highlights of your accomplishments in 200 words that you would like to see in your citation of award, if chosen
17. Certificate and forwarding note by the Head of the institution

Name

Designation

Signature and seal

18. List of Annexures



## Rafi Ahmed Kidwai Award: Rules

### 1. Name of the Award

Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences.

### 2. Sponsor

Indian Council of Agricultural Research, New Delhi.

### 3. Objectives of the Award

- (i) To recognize outstanding research in agricultural and allied sciences
- (ii) To provide incentives for excellence in agricultural research

### 4. Nature of the Award

This award is primarily meant for agricultural scientists for outstanding contribution in specified areas. A total of four awards are provided under the award. Each award consists of ₹5,00,000 in cash and a citation. Four Awards are assigned one each to the following subject areas:

#### *Four single/individual awards*

i.	Crop & Horticultural Sciences	1
ii.	Natural Resources Management and Agricultural Engineering	1
iii.	Animal & Fisheries Sciences	1
iv.	Social Sciences	1
	<b>Total</b>	<b>4</b>

### 5. Frequency

Annual

### 6. Eligibility Criteria

All Indian scientists engaged in agricultural research in the subject areas mentioned above and overseas Indian scientists working in the areas relevant to Indian agriculture are eligible for these awards. The research work must be original and must have been conducted under an integrated, well-focused, research programme/project in India or abroad. The award is meant for individual scientist for their extraordinary, original, creative contributions in advancement of basic sciences concepts, development of new technology and enhancement of productivity, profitability and sustainability of agriculture, not restricted to NARS.



## **7. Administration of the Award**

There shall be a judging Committee 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 Council. The Judging Committee will be appointed by the DG, ICAR.

## **8. Evaluation Criteria**

- Conceptual clarity and originality of the research work
- Scientific, technological and socio-economic relevance
- Significant Advancement in Science/Technology generated/varieties developed/ Patents obtained, etc.
- Quality of research publication, Research papers published in journals with NAAS Rating of  $\geq 6$
- Citation as seen in ISI Citation Index best research publications
- Impact of Research work done
- Potential of research findings for increasing agricultural production, productivity, profitability and sustainability in the relevant agricultural system

## **9. Procedure**

Nominations/Application for the award will be invited during September/October of the year of the award. Nominations/Application are to be made in the prescribed form obtainable from the Award Cell, Nominations will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been identified, no award will be awarded.

Nominations could be made by academicians of eminence in Science & Agriculture but applications are to be submitted through proper channel.

## **10. Presentation**

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of his work to an audience consisting of eminent agricultural & non agricultural scientists.



## Rafi Ahmed Kidwai Award:Application/Nomination Form

1. Name of the Award
2. Subject in which to be considered
3. Year
4. Name and designation of the scientist  
in full (underline surname)
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)

Photo

S.No.	Degree	Institution	Year

10. Employment record (in tabular form)
11. Training undergone
12. Foreign visits (period and purpose)
13. When, where and how the research work was conceptualized?
14. Significant Research work carried out (Advancement in Science/technology generated, varieties developed/new concepts developed and accepted) (not more than 5 pages)
15. What were the socio-economic, technological and scientific relevance of this work?
16. List the Principal associate scientists at various stages of the research work?
17. 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)? Or significant advancement in science
18. Impact of the results obtained in quantifiable and verifiable terms
19. Research publications: List Research papers in bibliographic format with NAAS rating (Include publication having NAAS Rating of  $\geq 6.0$  only)



20. Citation for twenty most important publications based on ISI Science Citation Index
21. Patent obtained, if any.
22. Whether this research work has been submitted for any other award/ recognition? If so, what was the outcome?
23. A concise statement (about 150 words) highlighting the most significant aspect of the research work done that you would like to see in your citation, if chosen
24. Place Date  
  
Signature of applicant/nominee
25. Certificate and Forwarding note by the Head of the Institution at which the research work being presented for the award was carried out or of Nominator

Signature and seal

26. Annexures



## Hari Om Ashram Trust Award : Rules

### 1. Name of the Award

Hari Om Ashram Trust Award

### 2. Sponsor

Hari Om Ashram Trust, Distt. Nadiad, Gujarat

### 3. Objective of the Award

To recognize and provide incentive for the outstanding research on long-term problems in agricultural and allied sciences

### 4. Nature of the Award

The award is open to individual scientists as well as team of scientists. A total of four individual awards have been instituted under the award. Each individual award consists of Rs.1,00,000 and a citation. The individual awards have been assigned in any of the following defined subject areas:

Crop & Horticultural Sciences
Natural Resources Management and Agricultural Engineering
Animal & Fisheries Sciences
Social Sciences

### 5. Frequency

Biennial

### 6. Eligibility Criteria

All Indian scientists engaged in agricultural research in the relevant subject areas are eligible.

The research work submitted for the award must have been conducted under an integrated long term research project with clearly defined goals and milestones.

The final phase of the research work and field validation of the findings must have been completed during the five years preceding the year of the award.

The research work must have made a significant scientific/technological contribution in the subject area.

The number of associates will be limited to three only.

## **7. Administration of the Award**

The award is sponsored by the Hari Om Ashram Trust and is administered by the Indian Council of Agricultural Research through the Award Cell. There will be a Judging Committee appointed by the DG, ICAR and consisting 3-5 members including the Chairperson. A nominee of the Trust will be an ex-officio member of the Judging Committee. The Judging Committee will evaluate the application, identify the outstanding entries and make recommendations to the council. No award will be given if none of the entries are judged to be outstanding.

## **8. Evaluation Criteria**

- Inherent long-term nature of the research problem & work.
- Socio-economic, scientific and technological relevance.
- Formulation and implementation of the research project with clearly defined objectives and milestones
- Quality of the research work and its impact. in quantifiable terms
- Concrete recommendations arising out of the research results, their acceptability and adaptability by the intended users.
- Quality of publications as judged by NAAS rating ( $\geq 6$ )

## **9. Procedure**

Applications for the award will be invited during September/October of the year of the award. Applications made in prescribed proforma, Award Cell will be accepted up to the end of November/December of the year of the award.

## **10. Presentation**

The presentation of award will be made on the Foundation day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of his work to an audience consisting of eminent agricultural & non agricultural scientists.



## Hari Om Ashram Trust Award: Application Form

1. Name of the Award
2. Subject/Area for which award is being applied
3. Year
4. Name and designation of the scientist, in full (underline Surname)
 

Photo

  - 4.1 Name and designation of the associates, if any
5. Date and place of birth
6. Marital status
7. Postal address
8. Telephone, email, fax
9. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)

S.No.	Degree	Institution	Year

- Employment record (in tabular form)
  - Any other special experience/training
  - Details of the research work submitted for the award
  - When, where and how the research work was conducted?
  - Specific objectives of the project and its socio-economic, scientific and technological relevance and priority
  - Significant outputs of the project work
  - Specific recommendations arising from the project work, their acceptability and adoptability by the intended users
  - Actual impact of the recommendations on production, productivity, profitability, sustainability of the irrelevant farming system with verifiable indicators
10. Research Publications in journals with NAAS rating of more than 6.00
  11. Any patents taken/applied for
  12. A concise statement(about 150 words) highlighting the most significant aspects of the research contributions made that you would like to see in your citation of award, if chosen



13. Whether the research work has been submitted for any other award/ recognition. If so, what was the outcome?
14. Name(s) with designation and specialization of associate scientists, if any, who played significant roles in the conceptualization and implementation of the research project. (Personal data of each associate scientist is to be submitted separately in the enclosed personal data sheet).

Signature and seal

15. Certificate that the information furnished is verified and true and forwarding note by the Head of the institution where the project work was undertaken

Name and designation

Signature and seal



## Swami Sahajanand Saraswati Award: Rules

### 1. Name of the Award

Swami Sahajanand Saraswati outstanding Extension Scientist Award

### 2. Sponsor

Indian Council of Agricultural Research, New Delhi

### 3. Objective of the Award

To provide recognition to outstanding agricultural extension work done by agricultural scientists and teachers in the ICAR-SAU system

To provide incentive for excellence in agricultural extension methodology and education work

### 4. Nature of the Award

The award is exclusively meant for individual extension scientist/teacher. Two individual awards have been provided. An individual award would consist of Rs 100,000/- in cash and a citation. Two awards have been assigned across the disciplines in agriculture & allied sciences.

### 5. Frequency

Annual

### 6. Eligibility

All agricultural scientist/teacher engaged in extension work education work in the ICAR-SAU system are eligible. Scientists and other functionaries working at equivalent levels of responsibility in the ICAR-assisted programmes outside the ICAR-SAU system are also eligible. The terminal stages of the extension education/work submitted for the award, including its impact assessment must have been completed during the five years preceding the year of the award.

### 5. Administration of the Award

There will be a Judging Committee consisting of 3-5 members, including the chairperson, and appointed by the DG, ICAR. The Committee will evaluate the nominations and make recommendations to the Council. No award may be given if none of the entries received are judged to be outstanding.

### 6. Evaluation Criteria

- (i) The concept and organisation of the extension education/project under which the work submitted for the award has been undertaken.

- (ii) The specific objectives of the project work e.g. changes in knowledge, skills, attitudes; adoption of recommended technology, etc.
- (iii) The technological and socio-economic relevance.
- (iv) Any innovation made in the available methodology.
- (v) The impact on the knowledge/skills/attitudes/adoption of the direct contactees and the methodology used for impact evaluation.
- (vi) Impact on the production/productivity/profitability/sustainability of the relevant enterprises of direct contactees.
- (vii) The diffusion of the impact to neighbours of the direct contactees.
- (viii) Problems encountered and solutions found.
- (ix) Refinement of the messages/technologies and the methodologies used if any
- (x) Suggestions for policy decisions for the improvement in the technology transfer environment in the relevant agricultural production system.
- (xi) Publications based on the project work.

## **7. Procedure**

Applications for the award will be invited during September/October of the year of the award. Applications made in the prescribed form, obtainable from the Award Cell, will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

## **8. Presentation**

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of his work to an audience consisting of eminent agricultural & non agricultural scientists.



## Swami Sahajanand Saraswati Award : Application Form

1. Name of the Award
2. Year
3. Name and designation (in full (underline surname))
4. Date and place of birth
5. Marital status
6. Postal and telecommunication address
7. Educational qualifications beginning with the first-degree or Equivalent (in a tabular form)

Photo

S.No.	Degree	Institution	Year

8. Employment record (in tabular form)
9. Any other relevant experience/training
10. Details of the extension education work submitted for the award
  - When, where and by whom the project work was conceptualized?
  - Was any diagnostic survey undertaken to provide a basis for the formulation of the project? If so, what were its salient findings?
  - Specific objectives of the project
  - Socio-economic and technological relevance of the project objectives
  - The methodology used for implementing the project
  - The salient outputs of the project
  - The impact of the project on the knowledge, skills, attitudes and adoption rate of recommended technologies by the target population
  - The impact of the project on the production, productivity, profitability and sustainability of the relevant agricultural production systems
  - The diffusion of the project impact on the neighbors of the direct contacties
  - Problems encountered and solutions found
  - Suggestions for policy initiatives



11. Publications based on the project work
12. A concise statement (about 150 words) highlighting the most significant aspects of the extension education work done that you would like to see in your citation of award, if chosen.
13. Certificate from the Scientist

Signature

14. Annexure
15. Certificate that the information furnished is verified and true along with the recommendation by the head of the institution where project work was carried out.

Name and designation

Signature and seal



## Lal Bahadur Shastri Award : Rules

### 1. Name of the Award

Lal Bahadur Shastri outstanding Young Scientist Award

### 2. Sponsor of the Award

Indian Council of Agricultural Research, New Delhi

### 3. Objectives of the Award

To recognize the talented young scientists who have shown extraordinary originality and dedication in their research programmes. They should have exceptional creativity based on a track record of significant contribution to research and potential to facilitate use of their expertise to further high quality research in their areas of specialization.

### 4. Nature of the Award

The award is exclusively meant for individual young scientists. A total of four individual awards have been provided. An individual award under the award will consist of ₹100,000 in cash and a citation, a challenge project for three years with budgetary provision of ₹10.0 lakh per year+ ₹5.0 lakh for foreign training(3 months). The challenge project and foreign training will be administered/monitored by Division of Agricultural Education at ICAR, Headquarters.

A total of four awards will be given across the disciplines in agricultural and allied sciences; limited to only one award in any discipline.

### 5. Frequency

Annually

### 6. Eligibility Criteria

All young scientists who possess a doctoral degree are below forty years\* of age, hold a regular teaching, research, extension education job in the ICAR-SAU system of institutions and engaged in research in the designated subject area for at least five years continuously are eligible for consideration. Awardees will be required to work on the project for a minimum period of three years and would not be eligible to apply for post outside of ICAR system during the duration.

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\*i.e. on 31 December, preceeding the year of award. For example, for Lal Bahadur Shastri Award (2010), Candidate must be below 40 years of age on 31 December 2009.

## 7. Administration of the Award

The award will be administered by the Council through the Award Cell. There shall be a Judging Committee consisting of 3-5 members, including the chairperson appointed by the Director-General, ICAR. The Committee will evaluate the nominations, identify the outstanding young scientists and make recommendations to the Council. The awardees will have to submit a challenge project under guidance of Division of Agricultural Education at ICAR Headquarter.

## Proposed Challenge Research project

- Statement of the research problem with specific objectives
- Socio-economic, scientific, technological relevance and priority
- Plan of work and key technologies proposed to be used in the investigations
- Key infrastructural and instrumentation facilities required
- Estimated time-frame with milestones in the completion of the project work
- Expected outcomes
- The project should indicate Objectively Verifiable Indicators (OVI)/ deliverables for evaluating the achievement of the project on completion
- Likely impact of the outcomes.

## 8. Evaluation Criteria

The Young Scientist Award is exclusively meant for individual scientist. The candidates will be judged on the basis of previous research work done in any discipline of agriculture and allied sciences.

Previous Research Work Done Excluding Master/Doctoral Degree

- Research projects/programmes in which participated
- Level of participation in each project/programmes as leader/associate
- Specific objectives and originality of the research projects
- Socio-economic, scientific, technological, relevance and priority of research project
- Principal findings and their socio-economic, technological, scientific significance
- Impact of the research work done
- Research Publications in Journals with NAAS Rating of 6.0 and above



## **9. Procedure**

Applications for the award will be invited during September/October of the year of the award. Applications made in prescribe form obtainable from Award Cell, will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

## **10. Presentation**

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of his work to an audience consisting of eminent agricultural & non agricultural scientists.



## Lal Bahadur Shastri Award: Application Form

1. Name of the Award
2. Discipline in which applied
3. Year
4. Name and designation of the scientist  
In full (underline surname)
5. Date and place of birth
6. Marital status
7. Postal and telecommunication address
8. Telephone, email, Fax, etc.
9. Educational qualifications beginning with the first-degree or Equivalent (in a tabular form)

Photo
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S.No.	Degree	Institution	Year

10. Employment record (in tabular form)
11. Any other relevant experience/training
12. Details of the Research contributions
13. When, where and how the research work was conceptualized
  - When, where, and how the research work was conducted?
  - In what capacity the applicant participated in various projects/stages of the research work as Associate Prof./Assistant Prof./Student
  - What was the socio-economic, scientific and technological relevance and priority of the research project
  - What were the principal findings and their socio-economic, scientific, technological significance?
  - Impact of research contributions.
14. Publications arising from the research work in bibliographical format (list publications in Journals with NAAS Rating of 6.0 or above). Citation for research publications
15. Whether any patents have been taken out/applied for?



16. A concise statements (about 150 words) highlighting the most significant aspects of the research contributions made that you would like to see in your citation of award, if chosen
17. Whether the research work has also been submitted for any other award/ award/recognition? If so, when, to whom and with what outcome?
18. Details of the proposed research work
  - Statement of the research problem with specific objectives
  - Socio-economic, scientific, technological relevance and priority
  - Plan of work and key technologies proposed to be used in the investigations
  - Estimated time-frame and key infrastructural and instrumentation facilities required.
  - Where the research work is proposed to be conducted?
  - How the scientist proposes to allocate his/her time between the proposed Project work and other research/teaching/extension education activities?
  - Cost estimates for the Project.
19. Certificate by the scientist that he/she would abide by the terms of the award

Signature

- 20 Certificate by the Head of the Institution that the necessary facilities would be provided for carrying out the work given in the proposed/approved project.

Signature and seal



## **Chaudhary Charan Singh Award: Rules**

### **1. Name of the Award**

Chaudhary Charan Singh Award for excellence in Journalism in Agricultural Research and Development

### **2. Sponsor**

The Indian Council of Agricultural Research, New Delhi

### **3. Objective of the Award**

To recognise outstanding contribution in Journalism in the field of Agricultural Research & Development in the country

### **4. Nature of the Award**

The award will carry cash of ₹1,00,000/- and a citation to be given for outstanding contribution in Journalism in Agriculture and allied sciences through Hindi/English Newspaper/Magazines/Journals/electronic media published in India. There will be two awards-one each for print and electronic media.

### **5. Frequency**

Once a year

### **6. Eligibility**

An individual who has made significant contribution by way of writing/analyzing/reporting for the enhancement/promotion of Indian Agriculture is eligible for this award.

### **7. Administration of the Award**

A Judging Committee will be nominated by the D.G., ICAR under the chairmanship of an eminent Agricultural Scientist, two eminent Journalists, DDG (Extn.), Head(DIPA) and the President of Scientific Writer's Association, New Delhi as ex-officio members.

### **8. Evaluation criteria**

Area coverage in extent, content, relevance and quality improvement in agricultural Research and Development to create awareness among the farmers/policy makers during the preceding three years.

### **9. Procedure**

Nominations/Applications for the award will be invited during August/



September of the year for the award. Nominations/ Applications made in prescribed form obtainable from the Award Cell, ICAR will be accepted up to the end of November/December of the year of the Award. The Judging committee will screen the nominations, identify outstanding entries and make recommendations to the Council. If no outstanding application is received, no award will be awarded.

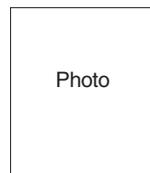
#### **10. Presentation**

The presentation of award will be made on the Foundation Day (16<sup>th</sup> July) of the ICAR Society.



## **Chaudhary Charan Singh Award : Application/ Nomination Form**

1. Name of the Award
2. Year of the Award
3. Name & Address of the Journalist
4. Sex & Marital Status
5. The background and functional profile of the Journalist
6. (a) Listing of Newspapers/Publications/Journals/Magazines where articles were published (Print Media).  
(b) List of TV Channels/Web etc. used in disseminating the Agricultural Information. (Electronic Media)
7. (a) Area and extent of coverage of the Newspapers/Journals/ Magazines contributed by the Journalist (Print Media).  
(b) Viewership rating of TV and No. of web page visit (Electronic Media)
8. Extent and quality of interaction and linkages with other communicating agencies/firms/media etc.
9. (a) The principal output of each publication in Newspaper/Publication/ Journal/ Magazines in relation to scientific/technical improvement of production/productivity in the field of agriculture and allied sciences (**Print Media**).  
(b) **No. of Talks/Interviews of agriculturist organized (Electronic Media)**
10. The socio-economic impact made by the programmes/activities of the Journalist through Newspapers/Journals/Magazines/Press in achieving the specific objectives
11. Any other contribution deemed significant by the Journalist
12. Certificate and forwarding note by the Head of the communicating media/ agency/firm/company etc.



Name & designation

Signature

Seal

13. List of annexures.





Zone 7

Jabalpur- Madhya Pradesh, Chhatisgarh & Orissa

Zone 8

Bangalore- Karnataka, Kerala, TamilNadu, Goa, Puducherry & Lakshadweep

## **5. Area of Award**

The award will be for the creative approach – Innovative farming, technological acceptance, contribution in enhanced productivity, farming attributes shown by a farmer. This may involve activities like farmers innovation in resource conservation and enhancement, germplasm collection and conservation of plant, animals and fish species or Management Practices, Soil and Water Management/Conservation, Development of Appropriate Tools and Equipment, Innovations in Dry Farming Technique/Practices, New Improved Food and Feed Products and Control of Diseases among Plant/Animals, processing of agricultural produce & marketing.

## **6. Administration of the Award**

A five-member Judging Committee will be appointed by the DG, ICAR including one representative farmer to make suitable recommendations. In case no suitable application are received, the award shall not be given. The post award programme/grant will be administered by Division of Agricultural Extension

## **7. Eligibility Criteria**

Any farmer who has been involved himself/herself for at least 10 years in agriculture and livestock operations and other allied activities.

## **8. Criteria of Selection**

The farmer's innovation/creativity/approaches should result:

- i. New knowledge/package of practices/management strategies / additional information to the existing one
- ii. Additional income to the individual farmer/farming community
- iii. Saving of resources/inputs
- iv. Breaking technology transfer barriers
- v. Prevention of outbreak of diseases and pests
- vi. Bringing out radical changes in management packages in resulting in productivity enhancement from land or animals and processing, value addition, and marketing.



## **9. Procedure for Nomination**

National: Agricultural Production Commissioners /Secretaries/Directors of Agril./Hort./A.H./Fisheries/Sericulture, Vice-Chancellors of agricultural universities/ Directors of ICAR Institutes will identify and nominate the farmers in their area of jurisdiction and forward the authentic information to the Council.

Zonal: Agricultural Production Commissioners /Secretaries/Directors of Agril./Hort./A.H./Fisheries/Sericulture, Vice-Chancellors of agricultural universities/ Directors of ICAR Institutes and Zonal directors of KVKs/ NGOs, will identify and nominate the farmers in their area of jurisdiction and forward the authentic information to the Council.

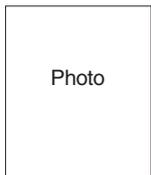
A farmer can be nominated either for zonal or for national award. The Judging Committee will scrutinize the claims and decide the award on merit.

## **10. Presentation of the Award**

Award in the form of a citation and award money of ₹100,000 for National or ₹50,000 for Zonal shall be presented on the ICAR foundation day (16<sup>th</sup> July).

## Jagjivan Ram Abhinav Kisan Puruskar (National/Zonal): Nomination Form

1. Name of the Award
2. **Specify whether for National or Zonal**
3. Year
4. Name of the Farmer
5. Marital Status
6. Date and place of birth
7. Postal address
8. Formal/informal education
9. Resources owned by Farmer
  - (i) Land (ha)
  - (ii) Water bodies with irrigation capacity
  - (iii) Animal Resources including fish and Poultry
  - (iv) Farm Machinery
10. Area Under
  - (i) Field Crops
  - (ii) Horticultural Crops
  - (iii) Agroforestry Apiculture/Sericulture
  - (iv) Dairy/Poultry/Fisheries/Duckaries/Piggaries (specify unit)
11. New Technologies developed
12. New Technologies adopted in Farming (List only)
13. Technologies modified if any
14. Activity wise income , cost-benefit ratio, gross and net income year-wise for previous five years
  - (i) Field crops
  - (ii) Horticulture crops
  - (iii) Livestock
  - (iv) Fisheries
  - (v) Any other
15. Productivity Levels achieved in major income generating activity during the last five years.
16. What improvement have been effected for productivity, profitability and sustainability - enhancement.





17. Any spread effect on Fellow Farmers (Give brief account in one page).
18. Innovative interventions inducted in the system of production and management and effects
19. The contribution of the farmers in terms of
  - i. New package of practices / management strategies
  - ii. Saving or resources / inputs
  - iii. Breaking technology transfer barriers
  - iv. Prevention of outbreak of diseases and pests
  - v. Bringing about radical change in management packages / in contributing record production from land, water or animals
- Recognition received at the Block / District /State level and
- Other sources
20. Extent of publicity of his / her innovations / contributions / success story
21. Any other relevant information (documentary proofs through photos, publications, CDS, certificates, medals and awards, etc.)
- 22.

(Signature of the farmer)

National: Agricultural Production Commissioners /Secretaries/Directors of Agril./Hort./A.H./Fisheries/sericulture, Vice-Chancellors of agricultural universities/ Directors of ICAR Institute will identify and nominate the farmers in their area of jurisdiction and forward the authentic information to the Council.

(Signature of Sponsoring Officer /Designation)

Seal

Zonal: Agricultural Production Commissioners /Secretaries/Directors of Agril./ Hort./A.H./Fisheries/Sericulture, Vice-Chancellors of agricultural universities/ Directors of ICAR Institutes and Zonal directors of KVKs/NGOs, will identify and nominate the farmers in their area of jurisdiction and forward the authentic information to the Council.

(Signature of Sponsoring Officer /Designation)

Seal

## N.G. Ranga Award: Rules

**1. Name of the Award**

N.G. Ranga Farmer Award for Diversified Agriculture

**2. Sponsorship of the Award**

Indian Council of Agricultural Research, New Delhi

**3. Objective**

To recognize outstanding contribution of innovative farmers for diversified agriculture.

**4. Number of Awards and Frequency**

One annual award of ₹1,00,000/- in any of the areas of Diversified Agriculture.

**5. Area of Award**

The award is for the diversified agriculture activities, which will be given to practicing farmer for initiating :

- (i) new entrepreneurship/enterprises/management strategies/additional information to the existing one in diversification of Indian agriculture
- (ii) additional income to the individual farmer/farming community.

**6. Administration of the Award**

A five-member Judging Committee will be appointed by the DG, ICAR including one representative farmer to assess nominations and make suitable recommendations.

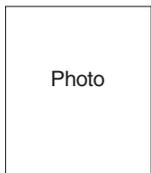
**7. Eligibility Criteria**

Any farmer self involved in diversified rural activities/enterprises such as Horticulture, Animal Husbandry, Fisheries, Rural Artisans/Handicraft activities for at least 10 years.

**8. Criteria of Selection**

The farmer's diversified agricultural activities should result in:

- (i) New knowledge/package of practices/management strategies
- (ii) Additional income to the individual farmer/farming community
- (iii) Saving of resource/inputs
- (iv) Breaking technology transfer barriers





- (v) New strategy for prevention of outbreak of diseases and pests
- (vi) Bringing about radical change in management packages resulting in production and income from land or animals

**9. Procedure for Nomination**

Agricultural Production Commissioners / Secretaries/ Directors of Agril./ Hort./ A.H./ Fisheries/ Sericulture Vice-Chancellors of AUs/ Directors of ICAR Instt./Zonal Directors of KVKs/NGOs, other organizations connected with plant and animal sciences will identify and nominate the farmers in their area of jurisdiction and forward the authentic information to the Council. All farmers selected for Zonal award and meeting the criteria of this award are also eligible.

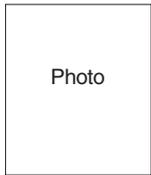
The Judging Committee will decide the award on merit.

**10. Presentation of the Award**

Award in the form of a citation and award money of ₹1,00,000/- each shall be presented on 16<sup>th</sup> July every year i.e. the Foundation Day of ICAR.

## N.G. Ranga Farmer Award : Nomination Form

1. Name of the Award
2. Year of the Award
3. Name of the Farmer/Entrepreneur
4. Marital Status & Gender
5. Date and place of birth
6. Postal address
7. Formal/informal education
8. Resources owned by Farmer
  - i. Land (ha)
  - ii. Water bodies with irrigation capacity
  - iii. Animal Resources including fish and Poultry
  - iv. Farm Machinery
  - v. Area Under
  - vi. Field Crops
  - vii. Horticultural Crops
  - viii. Agro-forestry
  - ix. Dairy/Poultry/Fisheries/Duckaries/Piggaries (specify unit)
9. New Technologies developed
10. New Technologies adopted in Farming (List only)
11. Technologies modified if any
12. Activity wise income, cost-benefit ratio, gross and net income year-wise for previous five years
  - i. Field crops
  - ii. Horticulture crops
  - iii. Livestock
  - iv. Fisheries
  - v. Any other
13. Productivity Levels achieved in major income generating activity during the last five years.
14. What improvement have been effected for productivity, profitability and sustainability - enhancement.
15. Any spread effect on Fellow Farmers (Give brief account in one page).





16. Innovative interventions inducted in the system of production and management and effects
17. The contribution of the farmers in terms of
  - i. New package of practices / management strategies
  - ii. Saving or resources / inputs
  - iii. Breaking technology transfer barriers
  - iv. Prevention of outbreak of diseases and pests
  - v. Bringing about radical change in management packages / in contributing record production from land, water or animals
  - vi. Recognition received at the Block / District /State level and
  - vii. Other sources
18. Extent of publicity of his / her innovations / contributions / success story
19. Any other relevant information (documentary proofs through photos, publications, CDS, certificates, medals and awards, etc.)

(Signature of the farmer)

Recommendations by Agriculture Production Commissioners / Secretaries / M.D's / Director of Agriculture / Horticulture / Animal Husbandry/ Fisheries / Sericulture / vice-chancellors of AUs / Directors of Extension / Research / ICAR Institutes / Zonal Project Directors / Head of NGO's.

(Signature of Sponsoring Officer / recognition)

## **Bharat Ratna Dr. C. Subramaniam Award : Rules**

### **1. Name of the Award**

Bharat Ratna Dr. C. Subramaniam Award for Outstanding Teachers:

### **2. Sponsor of the Award**

Indian Council of Agricultural Research, New Delhi

### **3. Objective of the Award**

- i. To provide recognition to outstanding teachers
- ii. To provide incentive for excellence in teaching
- iii. To promote quality teaching

### **4. Nature of Award**

These awards are meant for individual teachers independently offering a full course or part of an integrated course. An individual award will consist of Rs.1,00,000 in cash + travel grant of Rs. 1.0 lakh to promote innovation in teaching across the country including travel and a citation. A total of four such awards have been provided as given below in one each in every discipline :

i. Crop and Horticultural Sciences	1
ii. Natural resource Management & Agril. Engineering	1
iii. Animal and Fisheries Sciences	1
iv. Social Sciences	1
<b>Total</b>	<b>4</b>

### **5. Frequency**

Every year

### **6. Eligibility Criteria**

All teachers who have been given Best teacher award at the University/ DUs level as per ICAR guidelines are eligible provided they take on an annual average of at least 96 lectures in SAUs/CAU at undergraduate/post-graduate teaching while in ICAR DUs a minimum of 32 lectures (including practical) and have an independent teaching experience for a minimum of five academic years in the particular subject area. The awards are primarily meant for individual teachers independently teaching a course or part of a integrated course. The teaching work submitted for the award must have been done during the five years preceding the year of the award.



## 7. Administration of the Award

The award will be administered by the ICAR through the Award Cell.

There will be a Judging Committee consisting of 4-5 eminent agricultural educationists including the Chairman including provision to appoint expert. All the members and the chairperson will be nominated by the DG, ICAR. The Judging Committee will evaluate the nominations, identify outstanding teachers in various subject areas and make recommendations to the Council. If no outstanding entries have been identified, no award will be given in the particular subject area. Post Award grant would be administered/monitored by the Agri. Education Division.

## 8. Evaluation Criteria

The focus will be on ability to teach, integrity, efforts made in using new education technology tools, support and guidance provided to students, and over all efforts made in institutional education improvement and the following efforts

- Design and development of instructional programme.
- Design and development of individual courses to meet specified learning objectives and to impart specific competencies
- Design, development and use of quality instructional materials required for effective teaching
- Length of teaching and lectures taken annually( For the last 5 years)
- Development and use of appropriate and efficient teaching techniques
- Rating by students who have completed the UG/PG Degree programmes.
- Mentoring of students.

## 9. Procedure

Applications for the award will be invited during **September/October** of the year of the award. Applications made in the prescribed form, obtainable from the Award Cell, will be accepted up to the **end of November/December** of the year of the award. The ICAR Judging Committee will evaluate the short-listed nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been identified, no award will be given in the concerned subject areas.

## 10. Presentation

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year.

## Bharat Ratna Dr. C. Subramaniam Award: Application Form

1. Name of the Award
2. Subject in which to be considered
3. Year
4. Name and designation of the scientist/Faculty in full  
(underline surname)
5. Date and place of birth
6. Marital status
7. Postal and telecommunication address
8. Educational qualifications beginning with the first-degree or equivalent  
(in a tabular form)

Photo

S.No.	Degree	Institution	Year

9. Employment record (in tabular form)
10. Total length of teaching experience in the particular subject area at undergraduate and post-graduate level (Weightage will be given for each 5 year of teaching)
11. List of courses taught independently/jointly
12. Number of Lectures actually taken per year in each course during last five years.
13. When was the Best Teacher Award given at the level of Institution?
14. Particulars of teaching work
  - Specific efforts and innovations introduced to improve teaching
  - Design/development of individual courses to meet specific learning objectives and impart specific competencies
  - Design, development and use of quality instructional materials, manuals/audio/e-learning.
  - Was student evaluation obtained regularly if so include copy of five proforma obtained.
  - Instructional material developed and put on line (give details of search).
15. Any other steps taken to improve the quality of teaching



16. Students guided at master/doctoral degree level
17. Publications arising out of student theses(Give NAAS rating for the journals in which papers were published)
18. Award won by Ph.D. students guided at National level.
19. Any Patent taken/Technology developed out of students research work. In case no student has been allotted include your research publications in journals with NAAS rating of 6.0 and higher
20. Any training aimed at improving teaching undergone during last five years
21. Any Award/Fellowship received during last five years
22. Student Mentoring.
23. A concise statement (about 150 words) highlighting the most significant contributions made towards quality education.
24. Certificate by the Head of the Institution that the information furnished is true as per the record in the institution. It is further certified that student response has been taken into consideration while giving Best Teacher Award at the University level.

Signature and Seal

## **Panjabrao Deshmukh Award : Rules**

### **1. Name of the Award**

Panjabrao Deshmukh Outstanding Woman Scientist Award

### **2. Sponsor of the Award**

Indian Council of Agricultural Research, New Delhi

### **3. Objective of the Award**

- To recognize outstanding research/extension work done by Women Scientists
- To encourage women scientists to strive for excellence in agricultural research and extension

### **4. Nature of Award**

Two annual awards meant exclusively for outstanding woman agricultural scientists. The award consists of ₹100,000 in cash and citation alongwith provision of equal amount of ₹1 lakhs for motivating Women Scientists and female student across the country including travel within a year of receiving the award.

### **5. Frequency**

Annual

### **6. Eligibility Criteria**

All women scientists engaged in research in agricultural and allied subjects /extension in a recognized institutions are eligible. The awards are exclusively meant for individual women scientists.

## **Administration of the Award**

The award will be administered by the Council through the Award Cell. There will be a Judging Committee appointed by the DG, ICAR and consisting of 3-5 members including the Chairman. The Committee will evaluate the applications and make recommendations to the Council. Post award will be administered/monitored by Agril. Education Division.

### **7. Evaluation Criteria**

- (i) The significance of the research & extension work. Its scientific, technological and socio-economic relevance and priority
- (ii) The specific objective of the work and the preparation of an appropriate plan of work to achieve those objectives



- (iii) The organization and conduct of the work
- (iv) The principal findings
- (v) The concrete recommendations emanating from the research/extension work
- (vi) The acceptability and adoptability of the recommendations by the intended users
- (vii) Impact of the work in quantifiable terms

## 8. Procedure

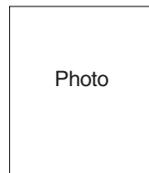
Application for the award will be invited during September/ October of the year of the award. Application made in the prescribed form obtainable from Award Cell, will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

## 9. Presentation

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of her work to an audience consisting of eminent agricultural & non agricultural scientists.

## Panjabrao Deshmukh Award : Application Form

1. Name of the Award
2. Year
3. Name of the scientists in full (underline surname)
4. Date and place of birth
5. Marital status
6. Postal address
7. Telephone, Telex, Fax, etc.
8. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)
9. Employment record (in tabular form)
10. Any other relevant experience/training
11. Details of the research/extension work being submitted for the award:
  - (i) When, where and how the research/extension work was conceptualized?
  - (ii) What was the scientific, technological and socio-economic relevance and priority of the project?
  - (iii) What are the principal results obtained and to what extent they meet the original objectives of the project?
  - (iv) Innovations introduced in functioning/trainings organized, if any.
  - (v) Actual impact of the work in quantifiable terms.
  - (vi) Any other relevant information to assess the quality of the research/extension work including success stories, if any.
12. List of publications emerging from the research/extension work along with NAAS rating and citation for 10 important publications.
13. Whether any patent has been taken out/applied for?
14. A concise statement (about 150 words) highlighting the most significant aspects of the research contributions made that you would like to see in your citation of award if chosen.
15. Whether this research/extension work has been submitted for any other award/recognition? If so, please give particulars.





16. Certificate by the applicant.

Signature

17. Certificate and Forwarding note by the Head of the Institution.

Signature and Seal

## Vasantryo Naik Award : Rules

### 1. Name of the Award

Vasantryo Naik Award for Outstanding Research and Application in Dry land Farming Systems.

### 2. Sponsor

The Vasantryo Naik Agricultural Research Rural Development Foundation  
Bombay

### 3. Objective of the Award

To provide recognition to outstanding research and application leading to improvement of dry land farming system and water conservations.

To provide incentives for outstanding research application in dry land farming system & water conservation.

To promote outstanding research and application in priority aspects of dry land farming systems & water conservation.

### 4. Nature of the Award

Annual Award of rupees one lakh to a scientist or extension worker who has made outstanding contribution in the areas of Water Conservation and dry land farming.

### 5. Frequency

Once a year

### 6. Eligibility Criteria

All agricultural and allied scientists engaged in research/ technology application work in dry land farming in India are eligible for the award. The research technology application work submitted for the award must have been undertaken under a well-designed research/application project with well defined goals and milestones. The final phase of the work including its held validation and impact assessment must have been completed during the five years preceding the year of the award. The research/ application work must have made a significant scientific, technological, developmental contribution to the improvement of dry land farming systems. The award is open to individuals as well as small inter disciplinary teams of the scientists comprising up to six scientists.

### 7. Administration of the Award

The award is administered by the Indian Council of Agricultural Research through the Award Cell. There shall be a Judging Committee consisting



of DG, ICAR and five expert as below:

- |  |            |
|--|------------|
| (i) DG, ICAR   | - Chairman |
| (ii) One scientist from the ICAR-SAU system (NARS)                         | - Member   |
| (iii) One expert from the Deptt. Of Agriculture                            | - Member   |
| (iv) DDG(NRM), ICAR  | - Member   |
| (v) A nominee of the Vasant rao Naik foundation                            | - Member   |
| (vi) An eminent agricultural scientist<br>nominated by the president, ICAR | - Member   |

The members at sl.No.2 and 3 will be nominated by the DG, ICAR. The Committee will evaluate the applications, identify the award-winning entry and make recommendations to the Council. No award may be given if none of the entries is judged to be outstanding.

#### 8. Evaluation Criteria

- A critical analysis of the socio-economic, scientific, technological and political aspects of the selected dry land farming system to identify relevant issues for research/ application
- Formulation of the research/application project with well defined objectives and plan of work
- Significant results obtained and their potential value in meeting the specified objectives of the project
- Concrete recommendations arising out of the research/ application work
- The acceptability and adoptability of the recommendations on a wide scale by various categories of farmers
- Actual impact of the recommendations on enhancing the use-efficiency of rain water as well as the production, productivity, profitability and sustainability of the relevant dry land farming system
- Quality of publications arising out of the research/ development project.

#### 9. Procedure

Applications for the award will be invited during August/September of the year of the award. Applications made in the prescribed form obtainable from the Award Cell, will be accepted up to the **end of November/December** of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations



to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

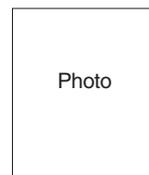
**10. Presentation**

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of his work to an audience consisting eminent agricultural & non agricultural scientists.



## Vasantrao Naik Award : Application Form

1. Name of the Award
2. Year
3. Name of the scientists including the associate, if any, in full (underline surname)
4. Date and place of birth
5. Marital status
6. Postal address
7. Telephone, Telex, Fax, etc.
8. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)



S.No.	Degree	Institution	Year

9. Employment record (in tabular form)
10. Any other Relevant Experience/training
11. Details of the research work submitted for the award
  - A. Analysis of the problems, complexities and constraints in rainfed production systems, which will advance our knowledge in this area, as evidenced by publications.
    - When, where and how the research/extension project was conceptualized?
    - When, where and how the project work was undertaken?
    - Socio-economic, technological, scientific, relevance and priority of the project work
  - B. Development of improved water conservation and dryland farming technique(s) as evidenced by publications in research and extension journals
    - Specific objectives of the project and the plan of work
    - Significant findings and their potential in meeting the goals of the project
    - Concrete recommendations arising from the project work
  - C. Adoption and execution of the technique(s) developed through research and development by the Department, NGOs, farmers and its extent of



spread, as can be assessed from official reports, surveys, media reports, etc.

1. Actual impact of the recommendations in improving the production, productivity, profitability and sustainability of the relevant dry land farming system.
2. Publications with NAAS rating of over 6.00 arising from the project work and impact.
3. Any patent taken/Accepted
12. A concise statement (about 150 words) highlighting the most significant aspects of the research contributions made that you would like to see in your citation of award if chose.
13. Whether the research/application work submitted here has also been submitted to any other organization for recognition/award? If so, what is the results?
14. Name, designation and discipline of associate scientists, if any, along with brief account of the specific role each played in the implementation of the project. For detailed personal data on associate scientist, use separate sheets (copy attached).
15. Certificate by the scientist

Signature

12. Certificate forwarding note by the Head of the Institution.

Name and Designation



## **Fakhruddin Ali Ahmed Award : Rules**

### **1. Name of the Award**

Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems.

### **2. Sponsor**

Indian Council of Agricultural Research, New Delhi

### **3. Objective of the Award**

To provide recognition to outstanding research done aimed at improving the biological resources and livelihoods in tribal areas. for the improvement of tribal farming systems with a view to bringing improved livelihood and nutritional security to tribes.

### **4. Nature of the Award**

The award is primarily meant for any person or team (with two or three associates, if any) engaged in applied research and its applications in tribal areas of the country aimed at improving the biological resources and livelihoods. Original work directly applicable to tribal farming system.

Two awards of the value of ₹1,00,000 (One Lakh Only) in cash and citation + Provision of equal amount for study on related subject in geographical area. The approved research work would have to be completed in one year and the report is to be submitted to Agril. Extension Division.

### **5. Frequency**

Annual

### **6. Eligibility Criteria**

Any person or a team working in tribal areas of the country and engaged in applied research/extension work aimed at improving the biological resources / Livelihood and nutritional security are eligible.

The work must have been carried out in the tribal dominated (tribal population of over 60%) area. for a minimum period of three years.

### **7. Administration of the Award**

There shall be a Judging Committee of 3-5 members, including the chairperson, appointed by the DG, ICAR to evaluate the nominations, identify the outstanding entries and make recommendations to the Council. The Committee will also suggest an area of work i.e. to be completed in a year.



## 8. Evaluation Criteria

- Scientific validity; and technological and socio-economic relevance;
- Value of research outcome/system evolved in improving the production, productivity, profitability and sustainability of specific tribal farming systems.
- Acceptability and adoption by the tribal farmers, and others concerned of the recommendation made.
- Actual impact of the recommendations on enhancing tribal biological resources.
- Quality of publications arising out of the research work.

## 9. Procedure

Nomination/Application for the award shall be invited during September / October of the year of the award. Nomination/Application made in prescribed form obtainable from Award Cell, will be accepted up to the end of November/ December of the year of the award. The Judging Committee will identify outstanding entries, and make recommendations to the Council along with the draft citations. The team may also be asked to carry out a special project for one year as suggested by the judging committee and decided by ICAR. The execution and monitoring of the project would be carried out by committee constituted by the DG, ICAR.

## 10. Presentation

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of his work to an audience consisting of eminent agricultural & non agricultural scientists.



## Fakhruddin Ali Ahmed Award : Application/Nomination Form

1. Name of the Award
2. Year of the Award
3. Name of the scientist including the associates, if any, in full (underline surname)
4. Date and place of birth
5. Marital status
6. Postal address
7. Telephone, Telex, Fax, etc.
8. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)

Photo

S.No.	Degree	Institution	Year

9. Employment record (in tabular form)
10. Any other relevant experience
11. Details of the research / extension work in tribal area submitted for the award not exceeding 10 pages.
  - i. How the research / extension work was conceptualized?
  - ii. Salient features of the approach for tribal farming system improvement.
  - iii. Tribal villages / tribal farmers targeted.
  - iv. How the research/Extension work was organized?
  - v. Socio-economic profile at the start of the work of the area.
  - vi. What were the principal milestones reached in the progress of research / extension work in tribal area?
  - vii. Impact of the work done in area on
    - Technology dissemination and adoption
    - Productivity enhancement
    - Income enhancement
    - Nutritional improvement
    - Socio-economic profile after the work of tribals in area



- viii. Success stories documented
  - ix. Trainings organized
  - x. How has the technology dissemination become sustainable?
  - xi. Publications, if any
  - xii. Innovations introduced
12. A concise statement (about 150 words) highlighting the most significant aspects of the research /extension contribution made that can be included in citation of award in case selected.
  13. Name and designation of the associate scientists along with brief account of the specific contribution made by each separately in personal data sheet (copy enclosed).
  14. Whether the nominee/associate has submitted any part/whole of these findings for recognition / award to any other organization? If so, what is the outcome?
  15. Certificate by the nominee.

Signature

16. Certificate & forwarding note by the Head of the Institution where the research work was done.

Signature

Name & Designation



## **Dr. Rajendra Prasad Puraskar : Rules**

### **1. Name of the Award**

Dr. Rajendra Prasad Puraskar for Technical Books in Hindi in Agricultural and Allied Sciences.

### **2. Sponsor**

Indian Council of Agricultural Research, New Delhi.

### **3. Objective of the Award**

- To provide recognition to authors of original Hindi Technical books in agriculture and allied sciences.
- To provide incentive to Indian writers to write original standard works in agricultural and allied sciences in Hindi

### **4. Nature of the Award**

The award is meant for individuals as well as teams of authors. An individual award consists of ₹100,000 in cash and a citation. Four awards are to be given across the disciplines in agricultural & allied science; but not more than one in any discipline.

### **5. Frequency**

Annual

### **6. Eligibility**

All original Hindi technical books in the designated subject areas of agriculture and allied sciences written by Indian authors, including editors of multi-author books in which the editor also has himself contributed substantially in, are eligible. The author/editor must have had a substantial and active involvement in the relevant field of agriculture and allied sciences. The publication must be free from any infringement of copy rights. The publication must have been written and published during preceding year of the award.

### **7. Administration**

The award will be administered by the Council through the Award Cell. There shall be a Judging Committee of 3-5 members, including the Chairman, appointed by the DG, ICAR. The Committee will evaluate the nominations, identify the award-winning entries and make recommendations to the Council.



## 8. Evaluation Criteria

The entries will be evaluated according to the following criteria:

- The publication must be original
- It must fill an obvious gap in the spectrum of Hindi literature already available in the relevant subject area
- It must represent a substantial advance over the existing literature in the relevant subject area
- It must display high quality in terms of content, organization, style and production

## 9. Procedure

Applications for the award will be invited during September / October of the year of the award. Applications made in prescribe form obtainable from Award Cell, will be accepted up to the end of November/December of the year of the award. The Judging Committee will identify outstanding entries, and make recommendations to the Council along with the draft citation. If no outstanding entries have been received, no award will be awarded.

## 10. Presentation

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardees would give a presentation on achievements of his work to an audience consisting of eminent agricultural & non agricultural scientists.



## Dr. Rajendra Prasad Puraskar : Application Form

1. Name of the Award
2. Year
3. Name and designation of the author(s) in Full (underline surname)
4. Date and place of birth
5. Marital Status
6. Present citizenship
7. Present postal address
8. Telephone, email, Fax, etc.
9. Educational qualifications beginning with the first-degree or equivalent

Photo

10.

S.No.	Degree	Institution	Year

11. Employment record (in tabular form)
12. Any other relevant experience/training
13. Details of the technical book submitted for the award
  - i. Title
  - ii. Category-reference book, text book and monograph etc.
  - iii. Pages
  - iv. Year of publication
  - v. Publisher
  - vi. Specific objectives of writing this publication
  - vii. In what way, it fills an obvious gap in the spectrum of Hindi literature in the subject area?
  - viii. In what way it represents a significant advance over the existing literature in the subject area?
  - ix. Basic competence of the author(s) to write the publication
  - x. A copy of the publication
14. A concise statement (about 150 words) highlighting the most significant aspects of the publication.



15. Name, designation of any co-authors and their specific contributions to the publication (Use separate sheets for detailed personal data of each of the other authors)
16. Has the publication also been submitted for any other award/award/recognition, etc.?
17. Has any assistance been received from any source for the writing/printing of the publication? If so, please provide relevant details.
18. Certificate by the principal author/editor.

Signature

19. Certificate and forwarding note by the Head of the Institution where the publication was written?

Signature

Name & Designation



## Chaudhary Devi Lal Award : Rules

### 1. Name of the Award

Chaudhary Devi Lal Outstanding All India Coordinated Research Project (AICRP) Award

### 2. Sponsor of the Award

Indian Council of Agricultural Research, New Delhi.

### 3. Objective of the Award

To recognize outstanding performance of the AICRP and its cooperating centres

To provide incentive for outstanding performance in terms of linkages and research output and its impact

### 4. Nature of the Award

The award under the award consists of ₹3 lakh( ₹2 lakh for the main coordinating unit and ₹1 lakh for the best centre) in cash, a citation and a plaque as an institutional award for Partnership Research for most significant contribution to agricultural productivity. Apart from Coordinating Cell, each of the identified outstanding cooperating centres will receive citation and share cash award in equal proportion. The award money would be put in fixed deposit and income generated would be utilized for the following:

- i. Welfare measure for staff of AICRP
- ii. Training of staff of AICRP
- iii. Common amenities for the staff of different centres

### 5. Frequency

Annual

#### I) Eligibility

All the All India Coordinated Research Projects which have been in operation for at least 10 years.

#### II) Administration of the Award

Applications should be forwarded by the respective SMDs. Each SMD would recommend not more than 2 best projects to the Judging Committee. SMD would have an option of not recommending any project if not found fit for the award. A Judging Committee of 5 members, including the Chairman, and members appointed by the DG, ICAR as below shall evaluate all the applications, identify the award winning AICRP and make appropriate



recommendations to the Council:

- |  |            |
|--|------------|
| - DG, ICAR   | - Chairman |
| - Expert on Crops/Horticulture Sciences                          | - Member   |
| - Expert on Natural Resource Management                          | - Member   |
| - Expert on Livestock and Fisheries Sciences                     | - Member   |
| - Expert on Agricultural Engineering and Post Harvest Technology | - Member   |

Applications for the award will be invited directly from the Project Coordinator/Project Director through DDG concerned during **September/October** of the year of the award. While submitting the nomination, PC/PD would specifically identify the cooperating centre with good the best performance which according to him/her have contributed maximum to the project excellence as adjudged by the quantifiable impact. Nominations made in prescribed form obtainable from Award Cell, will be accepted up to the end of **November/December** of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

### **III) Evaluation Criteria**

#### **Organization**

The functional profile of the AICRP: The mandate and its translation into programmes and activities.

#### **Linkage**

- Extent and quality of interaction and linkages with other relevant institutions, organizations, line departments.
- National/International Leadership status achieved in specific fields of scientific/technological/educational/ training endeavour of relevance to the mandate of the project.

The weightage of the 60, 25 and 15 per cent would be given for output, organization and management and linkages, respectively.

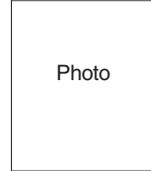
### **IV) Presentation**

The presentation of award will be made on the Foundation Day of the ICAR i.e. 16<sup>th</sup> July of the year. The awardee would give a presentation on achievements of the project work to an audience consisting of eminent agricultural & non agricultural scientists.



## Chaudhary Devi Lal Award : Application Form

1. Name of the Award
2. Year
3. Name of the AICRP with full postal
4. And communication address
5. The background and functional profile
6. of the All India Coordinated Research Project
7. The mandate of the AICRP.
8. Staff position in AICRP scientific technical administrative and others
9. Fund provided and utilized (year-wise five yearly).
10. The relative priority of and resource allocated to the various programmes
11. The yearly principal outputs of each programme.
12. The overall impact of the programmes on generation of new technology / production / productivity / profitability / sustainability of the relevant agricultural systems.
13. Management efficiency indicators viz. funds generated through sale of produce/ products/ services.
  - i. Internet connectivity at all centres Yes / No
  - ii. Bandwidth at Hqrs & its centres
  - iii. Computer literacy of scientific staff
  - iv. Scientists sent for training
  - v. National
  - vi. International
14. Extent and quality of interaction and linkages with its clientele relevant persons, institutions, organizations, etc.
15. Human Resource Development programmes – manpower and other achievements:
  - Awards / Recognition by Staff of AICRP
  - Objectives / targets vs. achievements made
  - Technologies developed and their impact on increasing productivity / income outstanding publications with NAAS rating of 6.0 and above





- Patents developed, commercialized and royalty earned through public-private partnership
  - Resources generated / centre (average)
16. Give major highlights of accomplishments made by the AICRP in 150 words citation, if chosen for award.

Signature and Seal of  
Project Coordinator

17. Certificate and forwarding note by the SMD with the justification for the recommendation.

Signature and Seal

18. List of Annexures.



## Krishi Vigyan Kendra Awards (National/Zonal): Rules

### 1. Name of the Award

Krishi Vigyan Kendra Award (National/Zonal)

### 2. Sponsor

Indian Council of Agricultural Research, New Delhi

### 3. Objectives of the Award

- To recognize outstanding performance by Krishi Vigyan Kendras at zonal & national level.
- To provide incentives for outstanding KVK performance.
- To promote a sense of institutional pride in KVK for developing models of Extension Education and Technology application.

### 4. Nature of Award

National: one award comprising of ₹3.0 lakhs + 3 lakhs for infrastructural development + 1.0 lakhs for sharing among staff + ₹5.0 lakh for overseas training of Programme Coordinator. The cash amount (₹3.0 lakh) shall be put in fixed deposit and the earnings shall be utilized for the following:

- i. Welfare activity of the staff of the concerned KVK
- ii. To support training of any staff of the concerned KVK
- iii. To develop common infrastructure for staff/amenities at KVK

Zonal: Eight awards; one each for every zone. The award will consist of ₹1.0 lakh + ₹2.0 lakh for infrastructural development + ₹1.0 lakh for sharing among staff + ₹1.0 lakh for training in Indian Institute for Programme Coordinators.

## Award Sharing Criteria

Programme Coordinator, Subject Matter Specialist & Programme Assistant

The Programme Coordinator of the Best KVK at National level will also be provided award money of Rs.20,000/- provided he was the Programme Coordinator during the five years period under consideration for KVK. Otherwise previous Programme Coordinator who has spent a minimum period of two years will be considered and award money shared in the proportion of the time(taken in whole number) spent. The award also carries one month foreign training/ study tour for the Programme Coordinator who has spent five years period under consideration in the KVK chosen for the award. The entire

funding shall be provided by ICAR. The remaining 80,000/- would be equally divided among subject Matter Specialists and Programme Assistant and other staff of the KVK.

## 5. Frequency

Once a year

## 6. Eligibility

**National:** All KVKs in the country who have been selected for zonal level awards for the current and two preceding years are eligible.

**Zonal KVK:** A KVK existing for atleast five years and A KVK winning the award will be eligible to apply again after the lapse of 10 years for zonal awards.

## Administration of the award

**National:** There will be a Judging Committee consisting of 3-5 members, including the chairperson, and appointed by the DG, ICAR. The Committee will evaluate the nominations among zonal KVKs awardee and make recommendations to the Council. Zonal KVKs would be selected in a zone by the judging committee first.

## 7. Evaluation Criteria

The KVK will be judged on the basis of work done during the five years preceding the year of the award according to the following criteria:

- i. The organizational and functional development.
- ii. Out put and out come of each mandated activity.
- iii. The nature and quality of interaction with different stake holders
- iv. The nature and quality of interaction with the relevant line departments of the State Government in the implementation of its programmes of activities.
- v. The socio-economic impact of the various programmes of activities of the KVK
- vi. long term trainings (one month and long duration) organized indicating number of farmers(Gender/SC/ST/OBC etc) benefitted.
- vii. Publications
- viii. Productivity and profitability enhancement of FLD farmers(with documentary evidence)
- ix. Livelihood security of the farmers
- x. Creation of job opportunities.



- xi. Skill development of farmers.
- xii. Entrepreneurship development
- xiii. Success Stories documented
- xiv. Revolving fund generated
- xv. External funding raised.
- xvi. Innovations introduced in programme execution.

**8. Procedure**

Applications for the award will be invited during September/October of the year of the award. Application made in the prescribed form, obtainable from the Award Cell, will be accepted up to the end of October/November of the year of the award. The Judging Committee will screen the applications, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.

**9. Presentation**

The presentation of award will be made during the Annual National Conference on KVKs – which will be organized by the Extension Division of the ICAR.

## **Krishi Vigyan Kendra Award National/Zonal: Application Form**

**1. Name of the Award**

Zonal and National Krishi Vigyan Kendra Award

**2. Year**

**3. Name of the KVK with full postal and telecommunication**

**4. Address**

**5. Name of the parent institution with full postal and**

**6. Telecommunication address**

**7. Date of establishment of KVK**

**8. The socio-economic and technological profile of agriculture in the area of responsibility of the KVK(Not more than two pages)**

**9. List output and outcome against each of the mandated activities.**

**10. External funding received(details)**

**11. Additional infrastructure developed**

**12. Publications(including bulletins etc.) during last 5 years(List and supply one copy)**

**13. Innovations introduced in extension education programme**

**14. Success stories documented**

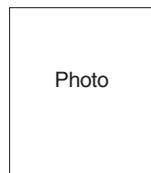
**15. The socio-economic impact of the various programmes of activities of the KVK on:**

- Profitability and productivity enhancement of demonstrating farmers.
- Diversification of agriculture
- Livelihood security of the farmers
- Creation of job opportunities
- Skill development of farmers
- Entrepreneurship development
- Horizontal spread of Technologies (submit documentary, evidence)

**16. Linkages with stake holders and how has the KVK made it effective**

**17. Revolving fund generated(year wise)**

**18. Capacity utilization and economic performance of the various training units**





19. Vocational training organized and impact thereof.
20. A concise statement (about 150 words) highlighting the most significant contributions made by the KVK.
21. Certificate by the Programme Coordinator of the KVK that the performance is true.

Name

Signature

22. Certificate and forwarding note by the head of the Host Institution.

Name

Signature with seal



## Team Research Award: Rules

### 1. Name of the Award

ICAR Award for Outstanding Interdisciplinary Team Research in Agricultural and Allied Sciences.

### 2. Sponsor of the Award

Indian Council of Agricultural Research, New Delhi.

### 3. Mission statement

To recognize encourage and promote the understanding that practical and useful research would normally have to be interdisciplinary in approach.

### 4. Objective of the Award

To recognize and incentivise outstanding inter-disciplinary team research.

### 5. Nature of the Award

This award is exclusively meant for interdisciplinary teams of scientists jointly planning and implementing integrated programme/project of research dealing with at least two of the four disciplines listed below. The team should have at least five members. There would be maximum 4 awards, and each award would be of ₹5,00,000. Not more than one award.

- Crop Science and Horticultural Sciences
- Natural Resource Management and Agril. Engineering
- Animal and Fisheries Sciences
- Social Sciences

### 6. Frequency

Once in two years, subject to suitable candidates/ project being available. If no outstanding entries received, no award in the areas given below.

### 7. Eligibility Criteria

All agricultural scientists engaged in interdisciplinary team research in India in the specified subject areas are eligible. The team must have scientist-level representation from a minimum of three well-recognized disciplines and may also have technical officers (T6 and above). They must have been working on an integrated research project dealing with an inherently interdisciplinary problem in a system based, problem solving mode. The final phase of the research work including its field validation must have been completed during the five years preceding the year of the award. Each member of the team must have remained its active member continuously for at least three years preceding the year of the award.



Documentary evidence should be provided that the project has been running/has run continuously for at least five years at the time of submission of the application. The award is not limited to NARS i.e. Agricultural Scientists outside NARS are also eligible if they meet the eligibility criteria as mentioned above.

#### **8. Administration of the Award**

There shall be a Judging Committee of 5 members, including the chairperson. The judging committee should also contain at least two members from outside NARS. The judging committee would be constituted by DG, ICAR to evaluate the nominations, identify outstanding entries and make recommendations to the Council.

The team leader will get 25% of the award money, if he/she is not director of the institute. At least 10% of the award money should be reserved for the non scientist assistants. Remaining scientists share the award equally. If Director of the Institute is the team leader, his/her award would be limited to 15%.

#### **9. Evaluation Criteria**

- (a) Inherently interdisciplinary nature of the research problem
- (b) Technological, socio-economic relevance and priority of the research project
- (c) Integrated organization and complementary quality of the tasks taken up by individual members of the team.
- (d) Principal outcome of the research work and their potential in meeting the core objectives of the research project
- (e) Acceptability of the recommendation by the users.
- (f) Actual impact of the recommendations on the production, productivity, profitability and sustainability of the target system
- (g) Quality of the publications arising out of the research work done.
- (h) Proof that the project was conceived and sanctioned as an interdisciplinary project.

#### **10. Procedure**

Nominations for the award will be invited during September/October of the year of the award. Nominations made in prescribed form obtainable from Award Cell, will be accepted up to the end of November/December of the year of the award. The Judging Committee will screen the nominations, identify outstanding entries, and make recommendations to the Council along with the draft citations. If no outstanding entries have been received, no award will be awarded.



## 11. General

The team leader of the projects will make presentation on the work done by the team to an audience consisting of amongst others a panel of eminent scientist and non agricultural scientist. **The award will be presented on ICAR Foundation Day i.e. 16<sup>th</sup> July.**



## Team Research Award: Application Form

1. Name of the Award
2. Year
3. Name and designation of the Team Leader including the associates, if any in full (underline surname)
4. Date and place of birth
5. Marital status
6. Postal address
7. Telephone, Telex, Fax etc.
8. Educational qualifications beginning with the first-degree or equivalent (in a tabular form)



S.No.	Degree	Institution	Year

9. Employment record (in tabular form)
10. Any other relevant experience/ training
11. Details of the research work submitted for the award
  - i When, where and how the research project was conceptualized?
  - ii Inherent nature of the Research Problem for Inter Disciplinary Team Effort.
  - iii Socio economic, technological and scientific relevance and priority of the research project
  - iv Organizational procedures established and tasks assigned to members of the team
  - v Principal outcome of the research project
  - vi Expected potential of the outcome in enhancing the production, productivity, profitability and sustainability of the target system
  - vii Concrete recommendations arising out of the project work
  - viii Acceptability and adoption of the recommendations by the target users
  - ix Actual impact of the recommendations on improving the production, productivity and profitability of the relevant system



- x Any concrete advantage derived from adopting the interdisciplinary approach
- xi Quality of publication arising out of the research project
- 12. Whether any patents have been taken out or applied for? If so, details thereof
- 13. Whether the research work has earlier been submitted for any recognition, awards etc.? If so, when, to whom and with what outcome?
- 14. Particulars in respect of every other member of the team (in separate sheet)
- 15. Documentary proof that the project was conceived and sanctioned as an interdisciplinary project and the date thereof.
- 16. Certificate by the team leader

Signature

- 17. Certificate by the Head of the Institution where research was done

Signature and seal

- 18. Forwarding note by the Head of the Institution

Signature and seal



हर कदम, हर डगर  
किसानों का हमसफर  
भारतीय कृषि अनुसंधान परिषद

*Agri*search with a *h*uman touch