

SCORE CARD - 2021
FOR
DIRECT SELECTION TO SENIOR
SCIENTIFIC POSITIONS ON LATERAL
ENTRY BASIS IN
INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Weightage of score card and interview Marks for direct recruitment of following scientific positions in ICAR as per Score Card-2021

| Sl. No | Research Management Positions (RMPs) | Score Card Marks | Interview Marks | Total |
|---------------|--|-------------------------|------------------------|--------------|
| 1 | Deputy Director General (DDG) /Director of National Institute & equivalent positions | 70 | 30 | 100 |
| 2 | Director/ Project Director/ Assistant Director General (ADG) / Joint Director of National Institute & equivalent positions | 70 | 30 | 100 |

Score Card of Director of DUs, DDGs and Equivalent positions

| Item No. | Attributes/Accomplishments/Contributions/ Performance Indicator and Distribution of Score/Marks | Max. Marks |
|---|---|------------|
| PART-A : LEADERSHIP & POST SPECIFIC ATTRIBUTES | | |
| 1. | Contribution in Research Management | 16 |
| | <p>1.1 Contributions in the area of Research Management.</p> <p>Policy formulation, Planning, Programme Coordination & monitoring of research & education, building partnerships. Award 1 mark for each completed year <i>(Note: Only those candidates serving in policy making/coordination role at national-level or international level Departments/organization excluding Directors of the Institutes/Deans/ Heads of Division)</i> (Maximum 3 Marks)</p> <p>1.2 Growth Indicators of the Institute /Organization /Division/ Programme under the Candidate's leadership. (Maximum 6 Marks)</p> <p>1.2.1 Average number of research papers published in peer reviewed journals per Scientist/per year (NAAS rating 7 or above) under the leadership of the candidate in the last 3 years of his tenure in a leadership position.</p> <ul style="list-style-type: none"> • Assign 1 mark for average publication of 1.0 to 2.0 • Assign 2 marks for average publication of 2.0 to 2.50 • Assign 3 marks for average publication of above 2.50 <p align="right">(Maximum 3 Marks)</p> <p>1.2.2 Number of competitive grant R&D projects initiated and Grant received, per scientists per year under the leadership of the candidate in the last 3 years of his tenure in a leadership position.</p> <ul style="list-style-type: none"> • 0.5 Mark for more than 0.40 • 1 Mark for more than 0.80 • 2 Marks for more than 1.0 <p align="right">(Maximum 2 Marks)</p> <p>1.2.3 Percentage increase in Revenue generated (excluding projects) under the leadership of the candidate (average per year) in last three years of his tenure in a leadership position over previous three years</p> <ul style="list-style-type: none"> • Award 1 marks for increase of 25% to less than 50% • Award 2 marks for increase of 50% to less than 100% • Award 3 marks for 100 % or more <p align="right">(Maximum 3 Marks)</p> | |

1.3 Leadership Attributes (Maximum 7 Marks)

1.3.1 Award 0.5 Mark for each of the following contributions as leader:

National/International Team/ Institutional awards won by the Institute/University/Programme/Organization under the leadership of the candidate

(Maximum 2 Marks)

1.3.2 Inter-institutional/Inter-organizational MoUs signed and programme implemented.

- MoU with Central /State Government departments/Inter-Organizational (outside ICAR/Parent Organization): Award 0.5 marks for each MoU.
- Award 1.0 mark for each MoU with international organization

(Maximum 2 marks)

1.3.3 (i) Award 1 mark each for creation of start-ups and initiation of business or Registered FPO during your tenure in a leadership position.

(ii) Award 0.5 mark for creation of Registered SHGs/ Commodity Based Organizations /Community Organizations during tenure of the candidate in a leadership position

(Maximum 3 Mark)

1.4 Institution Building (Maximum 6 Marks)

Activities at the Institute/University/Council/Division/Programme Level.

Only clearly defined contributions as a leader shall be considered for Marking as per the following criteria:

1.4.1 Infrastructure Development (Maximum 3 marks)

i. Creation/upgradation of approved infrastructure (new lab/buildings/equipment/ machinery/facility).

Award 1 mark for 70% to less than 80% completion of approved items.

Award 2 marks for 80% to less than 90% completion of approved items

Award 3 marks for 90% to 100% completion of approved items

Note: To qualify for marking for each facility/equipment developed/upgraded installation/Completion Certificate should be attached as proof.

1.4.2 Contribution in Improvement/ betterment of Management process.

(Maximum 2 marks)

i. Getting NABL accreditation for any Lab **(1 Mark each)**

ii. Average Budget Utilization above 99% of RE during tenure

(1 Mark)

| | | |
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| | <p>iii. ISO certification for any Lab/Institute (0.5 Mark each)</p> <p>1.4.3 Other activities. (Maximum 4 Marks)</p> <ul style="list-style-type: none"> • Publication/documentation of success stories with economic and social impact based on Institutional/Divisional programme or technology: Award 0.50 mark each (Maximum 1 Mark) • Germplasm including seed/cell lines/specimens/semen added to the Gene Bank: Award 0.5 Mark for each 200 accession of seed/cell line/specimens or 50,000 doses of semen or 100 animal embryos produced per year (Maximum 1 Mark) • Animal Breeds registered: Award 1 mark for every breed registered (Maximum 2 Marks) • Award 0.5 mark for every machinery and technology listed in Government of India and State Government schemes (Maximum 1 Mark) <p><i>Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority</i></p> | |
| Part B: INDIVIDUAL ATTRIBUTES | | |
| 2. | Professional Achievements | 2 |
| | <p>2.1 Post-Doctoral Fellowship:</p> <p>Award 1 Mark for each Post-Doctoral Fellowship of minimum one-year duration, which is awarded by National/International Institutions as listed in Annexure- A.</p> <p style="text-align: right;">(Maximum 1 Mark)</p> <p>2.2 Experience over and above the prescribed essential years stipulated as minimum qualifications.</p> <p>Award of marks would be as follows:</p> <ol style="list-style-type: none"> i. Award 1 mark for each year of experience as DDG/Vice Chancellor/ ND/Director/ ADG/Project Director/Joint Director of National Institutes/ Dean/Director (Research)/Director (Extension); OR Additional Secretary or equivalent rank or above in GOI or its statutory/autonomous/attached bodies including similar level positions in CG Centres, international organizations. ii. Award 0.5 Mark for each year of experience as Head of Division/Head of Regional Stations/Project Coordinator/ National Coordinator or equivalent positions in National or International Institutions/Organizations where selection is made through competition; OR Head or Coordinator of multi-institutional programmes/including similar level posts of CG Centres, international organizations; OR Acting Charge of RMPs <p style="text-align: right;">(Maximum 2 Marks)</p> | |

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| 3 | Recognitions /Awards / Special attainments | 12 |
| <p>3.1 Recognitions and Awards. (Maximum 10 Marks)</p> <p>3.1.1 Award 5 marks for Padma Award. (Maximum 5 Marks)</p> <p>3.1.2 Award 4 Marks each for Shanti Swarup Bhatnagar Award / Rafi Ahmed Kidwai Award/Norman Borlaug Award/World Food Prize. (Maximum 4 Marks)</p> <p>3.1.3 Award 4 Marks for Fellowship of <u>any one</u> of the National or International Academies as listed in Annexure-B. (Maximum 4 Marks)</p> <p>3.1.4 Award 2 marks for other awards of national/international stature in the relevant fields as listed in Annexure-C. (Maximum 6 Marks)</p> <p>3.2 Special Attainments (Maximum 2 Marks)</p> <p>3.2.1 Award 0.5 Mark for each recognition such as chair/member of National Task force/ Chief Editor of NAAS rated Journals. (Maximum 1 Mark)</p> <p>3.2.2 Award 0.5 Mark each for Organizing Secretary of National or International conferences/Symposia (Maximum 1 Mark)</p> <p><i>Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority</i></p> | | |
| 4. | Discoveries, Inventions, Innovations, Technologies and Products | 12 |
| <p>4.1 Development of Crop Variety Award 2 Marks for each variety approved, released and notified by the Central Variety Release Committee and 1 Mark each for a variety approved and notified for release by the State Level Release Committee. In either case the Marks would be granted, if the claim is reinforced by the receipt of the indents for the breeder seed placed by the DAC&FW /State Governments /Other Agencies of last ten years. Award 3 marks each to varieties developed in perennial fruit crops. In case of vegetatively propagated crops proof of supply of planting material to be attached indicating the quantity sold in last 10 years. (Maximum 10 Marks)</p> <p>4.2 Development of Animal/Fish Strain/New Breed Development of Animal/Fish Strain/New Breed & Impact at the Field Level. Award 2 Marks for each animal/Fish strain/variety developed and released at the National or State level by a duly constituted body of the Central Government or State Government</p> | | |

Department of Animal Husbandry /Fisheries. Proof of supply of newly developed strain/breed need to be attached.

(Maximum 10 Marks)

4.3 Information Technology/Statistical Methodologies/ Value Chain/Model Villages/ Innovative Extension Methodologies/ Policy Papers published by International/ National Organization.

- In-house development of major IT Software /Statistical Methodology/Digital platform, as evident from use.
 - i. Award 2 Marks each for IT software with at least 1000 users/Statistical Methodology adopted in more than one institute
 - ii. Award 1 Mark for IT software with at least 500 to 1000 users/Statistical Methodology adopted in one institute/Digital platform with at least 500 downloads
- Award 2 marks each for peer reviewed policy paper published by reputed national and international institutions namely NIAP, IFPRI, IGIDR, NITI Aayog, NAARM. (Enlist maximum 5 papers)
- Contribution made for the development and establishment of a Value Chain/a Model Village/a Seed Village/a Custom Hiring Centre/a Contract Farming Arrangement/a Climate Smart Village. Award 1 Mark for each such activity with certificate from concerned State Government Department / District Administration.
- Innovative Extension Methodologies or Approaches adopted in at least 5 villages/Farmer Field Schools/Farmer Interest Groups established and documentation of success stories duly verified & certified by institution/organization. Award 1 Mark for each such activity spanning a minimum of 5 villages.

(Maximum 10 Marks)

4.4 Development of Crop/Animal/Fish Production/Protection Technologies or Development of Machinery/Product

Development of Technologies with Impact at the Field Level. Award 2 Marks for each Technology/Machinery/Product developed and transferred to the farmers with the extent of coverage and machinery developed, licensed and commercialized, as certified by the concerned Government Department or published in a peer reviewed journal having NAAS rating of 7.0 and above, excluding those claimed in item no. 4.1 above.

Note :

1. Technologies will include all production/protection technologies as well as induced breeding/seed production in fishes

2. Products will include all products alongwith their processes as well

as vaccine, diagnostics/feeds for animals and fishes

(Maximum 10 Marks)

4.5 Patents/Copy Rights

Award 2 Marks for each approved Patent /Copyright with commercialization and 1 Mark for each approved Patent /Copy right without commercialization.

(Maximum 4 Marks)

4.6 New Traits/Genes/Species Identified

New Traits/Genes/Species identified which have Economic Significance. Award 1 Marks for each new trait identified or new gene isolated or new crop germplasm /animal breed registered by National and International Bureaus, except varieties that have gone into seed chain/production.

Note : Claim should be evidenced from publication in journals/ research publications with minimum 7.0 NAAS rating. New genes need to be validated for function.

(Maximum 6 Marks)

4.7 Discoveries/Inventions

Award 2 Marks for each new Discovery/Invention made as supported by a publication in peer reviewed journal (NAAS rating at least 12) excluding those claimed in 4.1 to 4.6 above.

Maximum 4 Marks

Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority

5. Teaching/Research/Extension

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5.1 Teaching as Major Function

(Maximum 4 marks)

5.1.1 Teaching: For teaching as the Major Function, the candidate must have taught 3 courses with a total 8 credit hour load during each academic year. Award 0.25 Mark for each year of teaching as specified herein

5.1.2 Research Guidance: Guidance provided for Ph.D./M.Sc. dissertation. As Major Guide, award 0.5 Mark for each Ph.D. student guided/0.25 marks for each M.Sc. student guided.

Note: Marks to be awarded only for students who have completed their degree program

5.1.3 Student's Performance: Success of students (for whom the applicant served as Major Guide) in terms of recognition/award: Grant 1 Mark for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.

OR

5.1 Research as Major Function.

(Maximum 4 marks)

- 5.1.1 In-house Research Projects: Worked as PI/Co-PI/Associate for a minimum period of two years as evidenced by Research Projects completed and Reports submitted.
Award 0.5 Marks for PI and 0.25 Mark for Co-PI/Associate for each Project completed. The candidates working in AICRPs/Network Projects/Long Duration Projects Marks will be awarded for each completed year.
- 5.1.2 Research Guidance: Guidance provided as major guide to Ph.D./M.Sc. dissertation, award 0.5 Mark for each Ph.D. student guided/ .25 marks for each M.Sc. student guided.
- 5.1.3 Student's Performance: Success of students (for whom the applicant served as Major Guide) in terms of recognition/award: Grant 1 Mark for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.

Note: Marks to be awarded only for students who have completed their degree program

OR

5.1 Extension Education as Major Function.

(Maximum 4marks)

- 5.1.1 Involvement in technology application programs through technology assessment and refinement/On-farm testing: Award 0.5 Mark for Project Leader/Nodal Officer and 0.25 Mark for Associate per project.
- 5.1.2 Frontline demonstrations conducted: Award 0.5 Mark for Project Leader/Nodal Officer and 0.25 Mark for Associate for each technology demonstrated with adoption.
- 5.1.3 Participatory Rural Appraisal (PRA), Yield Gap Analysis and Impact Assessment, involvement in technology identification, Development of Technology, Inventory and feedback support: Award 0.5 Mark for Project Leader/Nodal Officer and 0.25 Mark for Associate for each activity.
- 5.1.4 Award 0.25 Mark for each Training Programme of minimum 21days or more duration organized as Coordinator and award 0.1 mark for each training of 5-20 days duration.
- 5.1.5 Research Guidance: Guidance provided as major guide to Ph.D./M.Sc. dissertation, award 0.5 Mark for each Ph.D. student guided/ .25 marks for each M.Sc. student guided. (*Note: Marks to be awarded only for students who have completed their degree program*)
- 5.1.6 Student's Performance: Success of students (for whom the applicant served as Major Guide) in terms of recognition/award:

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| | <p>Grant 1 Mark for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.</p> <p>5.2 National/International External Competitive Grants (Maximum 4Marks)</p> <p>Award Marks for each externally funded project (Competitive grants only) as indicated below:</p> <ul style="list-style-type: none"> • Award 1 mark for Rs. 50 Lacs to Rs 1 Crore. • Award 2 marks for >Rs. 1 Crore <p><i>Note: Award Full marks for PI and 50% mark for Co-PI</i></p> <p><i>Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority</i></p> | |
| 6 | Publications | 14 |
| | <p>6.1 Applicable to Scientists other than Social Scientists (Maximum 12 marks)</p> <p>Publications of full-length papers in Referred Journals.</p> <ul style="list-style-type: none"> • An applicant must identify 30 best research papers published in refereed journals for allocation of score according to the current NAAS journal rating (latest). The sum total of the NAAS score for 30 publications will be multiplied by 0.05 to obtain Marks. {Note 1.-For research publications in journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), applicant can indicate score as 6 + Impact Factor (Thomson Reuters)} <p>Note 2.-For research publications, where NAAS journal rating/International Impact Factor (Thomson Reuters) is not available, award 0.01 Mark for each publication.}</p> <p>Note: First author and corresponding author will be awarded full Marks for each paper, whereas co- authors will get 75% of full marks for each paper.</p> <p>6.2 Other Publications (Maximum 2 mark)</p> <ul style="list-style-type: none"> • Books/Monographs of minimum 100 pages Authored / Edited: Award 1 Mark for each publication, if first author/editor; award 0.5 Mark for others (Maximum 1 Mark) • Book Chapters: award 0.25 Mark each (Maximum 1 Mark) • Award 0.5 mark for each policy development report peer reviewed and published under the aegis of National Organizations (e.g. NITI Aayog/ICAR/DST/DBT) or International Organizations (e.g. FAO, | |

World Bank, CG Centres)/ National Academics/ Universities/Deemed to be Universities/Institution related to policy planning & research (*Note: Research Papers on policy issues would not be considered under this category*)

(Maximum 1 Mark)

OR

6.1 Applicable to Social Scientists

(Maximum 9 Marks)

Publications of full length papers (Refereed Journals).

- An applicant must identify 30 best research papers published in refereed journals for allocation of score according to current NAAS journal rating minimum (latest). The sum total of NAAS score for 30 publications will be multiplied by 0.05 to obtain Marks.

Note 1. For research publications in journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), applicant can indicate score as 6 + Impact Factor (Thomson Reuters).

Note 2. For research publications, where NAAS journal rating/International Impact Factor (Thomson Reuters) is not available, award 0.01 Mark for each publication

Note 3. First author and corresponding author will be awarded full Marks for each paper, whereas co- authors will get 75% of full marks for each paper.

6.2 Other Publications.

(Maximum 5 Marks)

6.2.1 Books/Monographs of minimum 100 pages -Authored/ Edited: Award 1 Mark for each publication, if first author/editor; award 0.5 Mark for others

(Maximum 2 Marks)

6.2.2 Book chapter and Training Manual: award 0.25 Mark each

(Maximum 1 Mark)

6.2.3 Award 0.5mark for each policy development report peer reviewed and published under the aegis of National Organizations (e.g. NITI Aayog/ICAR/DST/DBT) or International Organizations (e.g. FAO, World Bank, CG Centres)/ National Academics/ Universities/Deemed to be Universities/Institution related to policy planning & research

Note: Research Papers on policy issues would not be considered under this category

(Maximum 1 Mark)

6.2.4 Technical Bulletins: Award 0.5 Mark for each publication

(Maximum 1 Mark)

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| | <p>6.2.5 Popular articles published in News Papers and Magazines: Award 0.5 Mark for each published article.</p> <p style="text-align: right;">(Maximum 1 Mark)</p> | |
| 7. | APAR | 8 |
| | <p>Award 0.8 Mark for each year outstanding APAR grading during last ten years. <i>(A statement of APARs signed by the competent authority of Institute/Organization should be enclosed for awarding of marks.)</i></p> <p>Note:</p> <ol style="list-style-type: none"> 1. In case, during the last 10 years, the candidate has served in an organization(s) where APAR/AAR/CR is not written, the marks for the period of last 10 years where APARs are available will be awarded as indicated above and for remaining part of the last 10 years' period, performance certificate with indicating grade (grading should in standard benchmarks like Outstanding/Very Good/Good only) from the Competent Authority for each year of service in the concerned organization should be submitted. Marks will be awarded for outstanding grading only and the outstanding grading given in performance certificate has to be justified with specific comments on performance of the candidate. 2. In case of Vice-Chancellors, if APAR is not applicable, the marks for the period of last 10 years where APARs are available will be awarded as indicated above and for remaining part of last 10 years where served as VC, the marks will be awarded as under: <ol style="list-style-type: none"> i. Award 1 mark for each year if the ICAR ranking of the University is in top 5 during the tenure of the candidate. ii. Award 1 mark for each year in the improvement in the ICAR ranking of the University by 5 ranks during the tenure of the candidate. | |
| | GRAND TOTAL | 70 |

Note:

1. The applicant has to attach documentary evidence for every claim made in the application duly certified by the Competent Authority.
2. The Institute Technology Management Unit (ITMU) will create and maintain database of all validated technologies released/commercialized with the details of developers. The PME Cell of the Institute has to verify the claim made by applicants working in the respective Institute and then the Director of the applicant's Institute will certify the same. The ARMS Database should be used for verification.
3. Similarly, the applications of Directors of the ICAR institutes/ADG of ICAR HQ shall be verified/certified by the concerned DDGs on the basis of certificates/documents submitted by the candidates in support of achievements claimed in the application and also on the basis of records maintained at the level of

Divisions/Department. Such information can also be verified/cross-checked from APAR Dossiers as these documents are part of APAR Dossiers. Further, the SMDs will create and maintain database of technologies developed by all the Institutes/units under their administrative control for the purpose.

4. The applicants who have served at a number of institutions/organizations should maintain all required information/records alongwith supporting documents as proof. Based on the supporting documents, the Director of the present Institute should certify the application. Whenever required the Directors of the previous institutes shall have to provide certified information to the Directors of the present institute of the applicant.
5. In case the applicant happen to be a Vice Chancellor, self certification should be done with supporting documents and following undertaking has to be furnished by the applicant :
"I hereby undertake that all the achievements claimed by me in the application form for the post of _____ are true and correct to the best of my knowledge & belief. All the supporting documents are duly attached. I fully understand that if any information or claim or supporting document furnished by me is found to be incorrect or false my candidature for the post will be cancelled right away and appropriate disciplinary, administrative and/or legal action as deemed fit may be taken against me."
6. The applicants, who served as Vice-Chancellors/Directors should maintain such record/information specially related to enhancement in average publications of the scientists, external grants generated, revenue generated etc. with certified copies. If required the applicants who have already demitted the office of Vice-Chancellors/Directors can collect the required information/documents from the previous Institute/office/University. The existing VCs/Directors shall have to provide certified information.
7. Any wrong certification, besides cancellation of candidature, will also invite suitable action against the applicant and the certifying officer.
8. In case of any issue coming up at any stage of screening process, the same will be brought by the Secretary, ASRB to the notice of the Chairman, ASRB. The same would be resolved by the ASRB and decision of Chairman, ASRB shall be final in the matter.

Annexure-A : List of Post-Doctoral Fellowship of minimum one-year duration.

- 1) ICAR Post-Doctoral Fellowship
- 2) BOYSCAST Fellowship
- 3) SERB Overseas Postdoctoral Fellowship
- 4) Commonwealth Fellowships
- 5) DAAD Fellowship
- 6) Alexander Humboldt Fellowship
- 7) CSIR Nehru Science Postdoctoral Research Fellowship
- 8) Japan International Award for Young Agricultural Researchers (Japan Award)
- 9) JASP Postdoctoral Fellowship for overseas Researchers (Govt of Japan)
- 10) ASEAN-INDIA RESEARCH TRAINING FELLOWSHIP (AI-RTF)
(ASEAN- India Science, technology & innovation Cooperation)
- 11) SBI Post-Doctoral Research Fellowship

Annexure-B of Revised RMP Score Cards: List of Reputed National/International Academies

1. Indian National Science Academy, New Delhi
2. National Academy of Sciences (India), Allahabad
3. National Academy of Agricultural Sciences, New Delhi
4. Indian Academy of Sciences, Bengaluru
5. Indian National Academy of Engineering, New Delhi
6. The Academy of Sciences for the Developing World
7. Japan Academy of Sciences
8. Russian Academy of Agricultural Sciences
9. US National Academy of Sciences
10. The Royal Society (London)

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Annexure- C of Revised RMP Score Cards : List of other awards of national / international stature in the relevant fields

I) National Awards

A. ICAR awards:

1. ICAR-Lal Bahadur Shastri Outstanding Young Scientist Award
2. ICAR-Panjabrao Deshmukh Outstanding Woman Scientist Award
3. ICAR-Vasantrao Naik Award for Outstanding Research Application in Dry Land Farming Systems
4. ICAR-Swami Sahajanand Saraswati Outstanding Extension Scientist Award
5. ICAR-Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems
6. ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences
7. ICAR-Nanaji Deshmukh ICAR Award for Outstanding Interdisciplinary Team Research in Agricultural and Allied Sciences
8. ICAR-Bharat Ratna Dr C. Subramaniam Award for Outstanding Teachers
9. NASI-ICAR Award for Innovation and Research on Farm Implements
10. ICAR- Hariom Ashram Trust Award
11. ICAR-Dr Rajendra Prasad Puraskar for technical books in Hindi in Agricultural and Allied Sciences

B. CSIR Awards:

1. G N Ramachandran Gold Medal for Excellence in Biological Sciences & Technology
2. CSIR Young Scientist Awards for Excellence in Science & Technology
3. CSIR Technology Awards

C. Ministry of Earth Science: National Earth System Science Award

D. Department of Science and Technology (DST)

1. National Awards for Technology Business Incubator & Emerging Technology Business Incubator
2. SERB Women Excellence Award
3. J.C. Bose National Fellowship

E. Department of Biotechnology (DBT)

1. Innovative Young Biotechnologist Award (IYBA)
2. National Woman Bio Scientist Awards
3. National Bioscience Award for Career Development

F. Ministry of Environment, Forest and Climate Change

1. India Biodiversity Award
2. E. K. Janaki Ammal National Award on Taxonomy

3. Pitamber Pant National Environment Fellowship Award
4. Dr. B.P. Pal National Environment Fellowship Award for Biodiversity
5. ICFRE Agroforestry Award
6. ICFRE Lifetime Achievement Award in Forestry.

G. Ministry of Earth Science:

- 1) National Earth System Science Award
- 2) Life Time Excellence Award
- 3) National Award in Atmospheric Science and Technology
- 4) National Award for Geosciences and Technology
- 5) Dr Annamani National Award for Woman Scientist

H. Ministry of Skill Development :

- 1) National Entrepreneurship award

I. Ministry of AYUSH :

- 1) Life Time Achievement Award

J. Indian Space Research Organisation (ISRO)

- 1) lifetime Achievement Award
- 2) Outstanding Achievement Award
- 3) Performance excellence award
- 4) Merit Awards
- 5) Young Scientist Award
- 6) Team Excellence Awards

K. Ministry of E & IT, GoI :

- 1) Digital India Award

L. Awards Reputed Academies :

1. Indian National Science Academy, New Delhi

I. International Awards:

- INSA-Vainu Bappu Memorial Award
- Jawaharlal Nehru Birth Centenary Medal

II. General Medals and Awards

- Chandrasekhara Venkata Raman Medal
- Shanti Swarup Bhatnagar Medal
- Meghnad Saha Medal
- Aryabhata Medal
- Indira Gandhi Prize for Popularization of Science
- INSA Medal for Promotion and Service to Science
- INSA Prize for Material Materials Sciences

III. Subject wise Medals/Awards

a) Medals Instituted by the Academy

- Srinivasa Ramanujan Medal - for Mathematical Sciences
- Satyendranath Bose Medal - for Physics
- Homi Jehangir Bhabha Medal - for Physics
- Jagadis Chandra Bose Medal - for Biochemistry, Biophysics, Molecular Biology & related areas
- Sunder Lal Hora Medal - for Animal Sciences
- Darashaw Noshervanji Wadia Medal - for Earth Sciences including Geography
- Prasanta Chandra Mahalanobis Medal - for Mathematical Sciences
- Syed Husain Zaheer Medal - for Engineering & Technology
- Silver Jubilee Commemoration Medal - for Agriculture Sciences
- Golden Jubilee Commemoration Medal - for Chemical Sciences
- Golden Jubilee Commemoration Medal - for Animal Sciences
- Kalpathi Ramakrishna Ramanathan Medal - for Atmospheric Sciences and Meteorology

IV) Awards for Young Scientists

- INSA Medal for Young Scientists
- INSA Young Historian of Science Award
- Professor LSS Kumar Memorial Award
- Anil Kumar Bose Memorial Award
- Professor Har Swarup Memorial Award

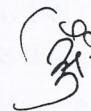
v) INSA Teacher Award

2. National Academy of Sciences (India), Allahabad

- Prof. Meghnad Saha Distinguished Fellowship
- NASI President's Platinum Jubilee Gold Medal for outstanding contributions to the growth of the Academy
- NASI-Senior Scientist Platinum Jubilee Fellows & NASI Honorary Scientist
- NASI-Young Scientist Platinum Jubilee Awards in the field of biological/physical/chemical sciences
- NASI Swarna Jayanti Puraskar
- Millennium Awards
- NASI Science Teacher Award

3. National Academy of Agricultural Sciences, New Delhi

- Dr B P Pal memorial award for Excellence in Agricultural Sciences.
- Dr K Ramaiah Award for outstanding contribution in Research plant production
- Dr K. C. Mehta Award for Outstanding Contribution in Plant Protection
- Dr M. S. Randhawa Award for Outstanding Contribution in Agriculture Administration



- Dr N. S. Randhawa Award for outstanding contribution in Natural Resources conservation & Management
- Dr P. Bhattacharya Award for outstanding Contributions in Animal Science.
- Dr A B Joshi Award for distinguished scientist/ educationist in Agricultural Sciences
- NAAS Young Scientist Award
- NAAS Endowment Award
 - L.C. Sikka Endowment Award
 - Dr. (Mrs.) Prem Dureja Endowment Award
 - Dr. N. G. P. Rao Endowment Award
- NAAS Recognition Award

4. The Academy of Sciences for the Developing World

- TWAS-Abdus Salam Medal
- TWAS Medal Lectures
- TWAS-CAS Young Scientists Award for Frontier Science
- TWAS—Atta-ur-Rahman Award in Chemistry
- TWAS—Samira Omar Innovation for Sustainability Award
- TWAS-Fayzah M. Al-Kharafi Award
- TWAS—Abdool Karim Award in Biological Sciences
- TWAS-Lenovo Science Award
- TWAS Siwei Cheng Award in Economic Sciences

5. Japan Academy of Sciences

- The Imperial Prize.
- Japan Academy Prize.
- Duke of Edinburgh Prize.

6. Russian Academy of Agricultural Sciences

- Lomonosov Gold Medal.
- Landau Gold Medal.
- Kurchatov Medal.
- Demidov Prize.
- Lobachevsky Prize.
- Kovalevskaya Prize.
- Pushkin Prize.
- Lebedev Prize.

7. US National Academy of Sciences

a) Behavioral and Social Sciences

- Atkinson Prize in Psychological and Cognitive Sciences
- William and Katherine Estes Award
- Troland Research Awards

b) Biology and Medicine

- Alexander Hollaender Award in Biophysics
- Gilbert Morgan Smith Medal
- Jessie Stevenson Kovalenko Medal
- NAS Award in Molecular Biology
- NAS Award in the Neurosciences
- Pradel Research Award
- Richard Lounsbery Award
- Selman A. Waksman Award in Microbiology
- Troland Research Awards

c) Earth and Environmental Sciences

- Alexander Agassiz Medal
- Arthur L. Day Prize and Lectureship
- G. K. Warren Prize
- NAS Award in Early Earth and Life Sciences
- NAS Award in the Evolution of Earth and Life

d) Engineering and Applied Sciences

- Gibbs Brothers Medal
- J. C. Hunsaker Award in Aeronautical Engineering
- NAS Award for the Industrial Application of Science
- NAS Prize in Food and Agriculture Sciences

e) Physical Sciences and Mathematics

- Alexander Hollaender Award in Biophysics
- Arctowski Medal
- Comstock Prize in Physics
- Henry Draper Medal
- J. Lawrence Smith Medal
- James Craig Watson Medal
- Maryam Mirzakhani Prize in Mathematics (formerly the NAS Award in Mathematics)
- Michael and Sheila Held Prize
- NAS Award for Scientific Discovery
- NAS Award in Chemical Sciences
- NAS Award for Chemistry in Service to Society



8. The Royal Society (London)

a) Royal Society medal, award and prize winners Medallists and Award

- Athena Prize
- Buchanan Medal
- Darwin Medal

- Davy Medal
- Gabor Medal
- Hughes Medal
- Royal Society Mullard Award
- Rumford Medal
- Sylvester Medal

M. Other

1. University/Deemed Universities of ICAR/ IIT/IIM Gold Medal for excellence in Academics
2. Best Teacher Awards of University/Deemed Universities of ICAR

II. International Awards

1. World Agriculture Prize of Global Confederation of Higher Education Associations for the Agricultural and Life Sciences (GCHERA)
2. Norman Borlaug Award for Field Research and Application (Borlaug Dialogue / World Food Prize)
3. Victoria Medal of Honour (UK), Royal Horticultural Society
4. Bledisloe Gold Medal for Landowners (UK), Royal Agricultural Society of England
5. Canadian Agricultural Hall of Fame (Canada)
6. Japan Prize in "Biological Production, Ecology," Tokyo, Japan
7. Glinka World Soil Prize, FAO, Rome, Italy

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**Score Card for Assistant Director Generals, Directors/ Project Director of the Institute,
Joint Director of National Institute and other equivalent positions of ICAR**

| Item No. | Attributes/Accomplishments/Contributions/Performance Indicator and Distribution of Score/Marks | Maximum Marks |
|----------|--|---------------|
| 1 | Professional Achievements and Contributions | 5 |
| | <p>1.1 Post-Doctoral Research Fellowships. Award 1 Mark for each Post-Doctoral Fellowship of minimum one-year duration, which is awarded by National/International Institutions as listed in Annexure- A.</p> <p align="right">(Maximum 1 Marks)</p> <p>1.2 Experience in coordination and management of research</p> <p>1.2.1 Award of Marks would be as follows:</p> <p>i) Award 1 Mark for each year of experience as Director/ADG/Project Director/Joint Director of National Institutes; OR Selected Dean/Director /Principal/Registrar of Institutes/Universities or equivalent positions in National or International Organizations.</p> <p>ii) Award 0.5 Mark for each year of experience as Head of Division/Head of Regional Station/Project Coordinator/National Coordinator or equivalent positions in National or International Institutions/Organizations where selection is made through competition; OR Coordinator/Principal Investigator of multi- institutional competitive grant project; OR Acting Charge of RMPs</p> <p align="right">(Maximum 3 Marks)</p> <p>1.3 Training (National/International)/MDP/EDP.</p> <p>EDP/MDP training at NAARM/IIMs/Govt Sponsored in service management training. Award 1 mark for any one training.</p> <p align="right">(Maximum 1 Mark)</p> <p>1.4 Institution Building through external grant by the candidate</p> <p>1.4.1 Infrastructure Development</p> <p>i. Development of new permanent physical Infrastructure, including, new lab/buildings /equipment/ machinery/facility. Award 1.0 marks for each completed activity for above Rs.50 Lacs.</p> <p>ii. Upgrading of permanent physical Infrastructure, including, lab/buildings /equipment/ machinery/facility. Award 0.5 Mark for each completed activity for above Rs.50 Lacs</p> | |

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| | <p><i>Note: To qualify for Marking, each lab/building/facility/equipment developed/upgraded should cost not less than Rs.50 lacs. For each facility/equipment developed/upgraded installation/Completion Certificate should be attached as proof.</i></p> <p style="text-align: right;">(Maximum 3 Marks)</p> <p>1.4.2 Contribution in Management activities.</p> <p>Award 1 Mark for contributing in getting accreditation like ISO certificate/NABL/FSSAI accreditation for any Lab/Institute</p> <p style="text-align: right;">(Maximum 1 Mark)</p> | |
| 2 | Recognitions & Awards/Special Attainments | 15 |
| | <p>2.1 Recognitions and Awards. (Maximum 12Marks)</p> <p>2.1.1 Award 5 marks for Padma Award.(Maximum 5 Marks)</p> <p>2.1.2 Award 4 Marks each for Shanti Swarup Bhatnagar Award / Rafi Ahmed Kidwai Award/ Norman Borlaug Award/World Food Prize. (Maximum 4 Marks)</p> <p>2.1.3 Award 4 Marks for Fellowship of <u>any one</u> of the National or International Academies as listed in Annexure-B. (Maximum 4 Marks)</p> <p>2.1.4 Award 2 marks for other awards of national/international stature in the relevant fields as listed in Annexure-C. (Maximum 6 Marks)</p> <p>2.2 Special Attainments (Maximum 5 Marks)</p> <p>2.2.1 Award 1 Mark for working as Chief Editor and 0.5 mark for working as Editor of NAAS rated Journals. (Maximum 1 Mark)</p> <p>2.2.2 Award 0.5Mark each for the following contributions:</p> <p>i) Functional Industry-institutional linkages established as evident by MoUs/MoAs signed. (Maximum 1 Mark)</p> <p>ii) Award 0.5 Mark each for Revenue generated from commercialization of technology developed by candidate (specify) to every multiple of Rs.05 Lacs. (Maximum 1 Mark)</p> | |

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| | <p>iii) Award 0.5 Mark each for organization of Winter/Summer School as Course Director. (Maximum 1 Mark)</p> <p>iv) Award 0.25 mark for each Training/Awareness programs organized as coordinator for farmers & other stakeholders (Maximum 1 Mark)</p> <p>v) Award 1 mark each for creation of start-ups and initiation of business or Registered FPO. Award 0.5 mark for creation of Registered SHGs/ Commodity Based Organizations / Community Organizations. (Maximum 2 marks)</p> <p>vi) Award 0.5 Mark each for Organizing Secretary of National or International conferences/Symposia (Maximum 1Mark)</p> <p><i>Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority.</i></p> | |
| 3 | Discoveries, Inventions, Innovations, Technologies and Products | 15 |
| | <p>3.1 Development of Crop Variety Award 2 Marks for each variety approved, released and notified by the Central Variety Release Committee and 1 Mark each for a variety approved and notified for release by the State Level Release Committee. In either case the Marks would be granted, if the claim is reinforced by the receipt of the indents for the breeder seed placed by the DAC&FW /State Governments /Other Agencies of last ten years. Award 3 marks each to varieties developed in perennial fruit crops. In case of vegetatively propagated crops proof of supply of planting material to be attached indicating the quantity sold in last 10 years. (Maximum 12 Marks)</p> <p>3.2 Development of Animal/Fish Strain/New Breed Development of Animal/Fish Strain/New Breed & Impact at the Field Level. Award 2 Marks for each animal/Fish strain/variety developed and released at the National or State level by a duly constituted body of the Central Government or State Government Department of Animal Husbandry /Fisheries. Proof of supply of newly developed strain/breed need to be attached. (Maximum 12 Marks)</p> <p>3.3 Information Technology/Statistical Methodologies/ Value Chain/Model Villages/ Innovative Extension Methodologies/ Policy Papers published by International/ National Organization.</p> <ul style="list-style-type: none"> • In-house development of major IT Software /Statistical | |

Methodology/Digital platform, as evident from use.

- i. Award 2 Marks each for IT software with atleast 1000 users/Statistical Methodology adopted in more than one institute
 - ii. Award 1 Mark for IT software with atleast 500 to 1000 users/Statistical Methodology adopted in one institute/Digital platform with atleast 500 downloads
- Award 2 marks each for peer reviewed policy paper published by reputed national and international institutions namely NIAP, IFPRI, IGIDR, NITI Aayog, NAARM. (Enlist maximum 6 papers)
 - Contribution made for the development and establishment of a Value Chain/a Model Village/a Seed Village/a Custom Hiring Centre/a Contract Farming Arrangement/a Climate Smart Village. Award 1 Mark for each such activity with certificate from concerned State Government Department / District Administration.
 - Innovative Extension Methodologies or Approaches adopted in at least 5 villages/Farmer Field Schools/Farmer Interest Groups established and documentation of success stories duly verified & certified by institution/organization. Award 1 Mark for each such activity spanning a minimum of 5 villages.
(Maximum 12 Marks)

3.4 Development of Crop/Animal/Fish Production/Protection Technologies or Development of Machinery/Product

Development of Technologies with Impact at the Field Level. Award 2 Marks for each Technology/Machinery/Product developed and transferred to the farmers with the extent of coverage and machinery developed, licensed and commercialized, as certified by the concerned Government Department or published in a peer reviewed journal having NAAS rating of 7.0 and above, excluding those claimed in item no. 3.1 above.

Note : 1. Technologies will include all production/protection technologies as well as induced breeding/seed production in fishes

2. Products will include all products alongwith their processes as well as vaccine, diagnostics/feeds for animals and fishes}

(Maximum 12 Marks)

3.5 Patents/Copy Rights

Award 2 Marks for each approved Patent /Copyright with

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| | <p>commercialization and 1 Mark for each approved Patent /Copy right without commercialization.</p> <p style="text-align: right;">(Maximum 4 Marks)</p> <p>3.6 New Traits/Genes/Species Identified New Traits/Genes/Species identified which have Economic Significance. Award 2 Marks for each new trait identified or new gene isolated or new crop germplasm /animal breed registered by National and International Bureaus, except varieties that have gone into seed chain/production.</p> <p><i>Note : Claim should be evidenced from publication in journals/ research publications with minimum 7.0 NAAS rating. New genes need to be validated for function.</i></p> <p style="text-align: right;">(Maximum 8 Marks)</p> <p>3.7 Discoveries/Inventions Award 2 Marks for each new Discovery/Invention made as supported by a publication in peer reviewed journal (NAAS rating at least 12) excluding those claimed in 3.1 to 3.6 above.</p> <p style="text-align: right;">(Maximum 4 Marks)</p> <p><i>Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority</i></p> | |
| 4. | Teaching/Research/Extension | 09 |
| | <p>Specify contributions in Teaching/Research/Extension Education Select one Major area of work:</p> <p>4.1 Teaching as Major Function (Maximum 6 Marks)</p> <p>i. Teaching: For teaching as the Major Function, the candidate must have taught 3 courses with a total of 8 credit hours load during each academic year. Award 0.25 Mark for each year of teaching as specified herein</p> <p>ii. Research Guidance: Guidance provided for Ph.D./M.Sc. dissertation. As Major Guide, award 0.5 Mark for each Ph.D. student guided/ and 0.25 mark for each M.Sc. student guided. <i>Note :Marks to be awarded only for students who have completed their degree programmes</i></p> <p>iii. Student's Performance: Success of students (for whom the applicant served as Major Guide) in terms of recognition/award: Award 1 Mark for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.</p> <p style="text-align: center;">OR</p> <p>4.1 Research as Major Function. (Maximum 6 Marks)</p> <p>Research Projects: Research Projects associated as PI/Co-PI/Associate for a minimum period of two years as evidenced by Research Projects completed and Reports submitted.</p> | |

- i) Award 0.5 Marks for PI and Co-PI for each Project completed. The candidates working in AICRPs/Network Projects/Long Duration Projects Marks will be awarded for each project completed.
- ii) Research Guidance: Guidance provided as major guide to Ph.D. dissertation, award 0.5 Mark for each Ph.D. student guided and 0.25 mark for each M.Sc. student guided.

Note: Marks to be awarded only for students who have completed their degree programmes

- iii) Research Program undertaken in National Priority for example, organic farming, climate resilient agriculture, Soil Health & water conservation, One Health, AMR, Indigenous breed etc. award 1 mark for each program.
- iv) Student's Performance: Success of students (for whom the applicant served as Major Guide) in terms of recognition/award: Award 1 Mark for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.

OR

4.1 Extension Education as Major Function (Maximum 6 Marks)

Marks for the following accomplishments shall be awarded only, if there is a documentary proof for the matching achievement.

- i. Involvement in technology application programs through technology assessment and refinement/On-farm testing: Award 0.5 Mark for Project Leader/Nodal Officer and 0.25 Mark for Associate per project.
- ii. Frontline demonstrations conducted: Award 0.5 Mark for Project Leader/Nodal Officer and 0.25 Mark for Associate for each technology demonstrated with adoption.
- iii. Participatory Rural Appraisal (PRA), Yield Gap Analysis and Impact Assessment, involvement in technology identification, Development of Technology, Inventory and feedback support: Award 0.5 Mark for Project Leader/Nodal Officer and 0.25 Mark for Associate for each activity.
- iv. Award 0.25 Mark for each Training Programme of minimum 21days or more duration organized as Coordinator
- v. Award 0.1 mark for each training of 5-20 days' duration.

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|---|---|----|
| | <p>vi. National Priority programs undertaken (for example, awareness/ training programs on doubling of farmers income, organic farming, climate resilient agriculture, soil health and water conservation etc.) award 1 mark for each large scale demonstration and 0.5 mark for each awareness training program</p> <p>vii. Research Guidance: Guidance provided as major guide to Ph.D./M.Sc. dissertation, award 0.5 Mark for each Ph.D. student guided/ .25 marks for each M.Sc. student guided. <i>(Note: Marks to be awarded only for students who have completed their degree program)</i></p> <p>viii. Student's Performance: Success of students (for whom the applicant served as Major Guide) in terms of recognition/award: Award 1 Mark for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.</p> <p>4.2 National/International External Competitive Grants (Maximum 6 Marks)</p> <p>Award Marks for each externally funded project (Competitive grants only) as indicated below:</p> <ul style="list-style-type: none"> • Award 1 mark for Rs. 50 Lacs to Rs 1 Crore. • Award 2 marks for >Rs. 1 Crore <p><i>Note: Award Full marks for PI and 50% mark for Co-PI</i></p> <p><i>Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority</i></p> | |
| 5 | Publications | 16 |
| | <p>5.1 Applicable to Scientists other than Social Scientists (Maximum 13 marks)</p> <p>5.1.1 Publications of full length papers in Refereed Journals.</p> <ul style="list-style-type: none"> • An applicant must identify 30 best research papers published in refereed journals for allocation of score according to the current NAAS journal rating (latest).The sum total of the NAAS score for 30 publications will be multiplied by 0.0541 to obtain Marks. <p><i>Note 1: For research publications in journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), applicant can indicate score as 6 +</i></p> | |

Impact Factor (Thomson Reuters).

Note 2: For research publications, where NAAS journal rating/International Impact Factor (Thomson Reuters) is not available, award 0.01 Mark for each publication.

Note 3: First author and corresponding author will be awarded full marks for each paper, whereas co- authors will get 75% for each paper.

5.1.2. Other Publications. (Maximum 3 Marks)

- i. Books/Monographs of 100 pages published - Authored/ Edited: Award 1 Mark for each publication, if first author/editor; award 0.5 Mark for others
(Maximum 1 Mark)
- ii. Book chapter and Training Manual: award 0.25 Mark each
(Maximum 1 Mark)
- iii. Award one mark for each policy development report peer reviewed and published under the aegis of National Organizations (Namely NITI Aayog/ICAR/DST/DBT) or International Organizations (Namely FAO, World Bank, CG Centres)/ National Academics/ Universities/Deemed to be Universities/Institution related to policy planning & research
Note: Research Papers on policy issues would not be considered under this category.
(Maximum 1 Mark)

OR

5.1 Applicable to Social Scientists (Maximum 11 Marks)

5.1.1 Publications of full length papers (Refereed Journals).

- An applicant must identify 25 best research papers published in refereed journals for allocation of score according to current NAAS journal rating (latest). The sum total of NAAS score for 25 publications will be multiplied by 0.0733 to obtain Marks.

Note 1. For research publications in journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), applicant can indicate score as 6 + Impact Factor (Thomson Reuters).

Note 2. For research publications, where NAAS journal rating/International Impact Factor (Thomson Reuters) is not

available, award 0.01 Mark for each publication.

Note 3. First author and corresponding author will be awarded full Marks for each paper, whereas co- authors will get 75% for each paper.

5.1.2 Other Publications. (Maximum 5 marks)

- i. Books/Monographs minimum 100 pages published - Authored/ Edited: Award 1 Mark for each publication, if first author/editor; award 0.5 Mark for others
(Maximum 1 Mark)
- ii. Book chapter and Training Manual : award 0.25 Mark e ach
(Maximum 1 Mark)
- iii. Award one mark for each policy development report peer reviewed and published under the aegis of National Organizations (e.g. NITI Aayog/ICAR/DST/DBT) or International Organizations (e.g. FAO, World Bank, CG Centres)/ National Academics/ Universities/Deemed to be Universities/Institution related to policy planning &research

Note : Research Papers on policy issues would not be considered under this category).
(Maximum 1 Mark)
- iv. Technical Bulletins: Award 0.5 Mark for each publication
(Maximum 1 Mark)
- v. Popular articles published in News Papers and Magazines: Award 0.5 Mark for each published article.
(Maximum 1 Mark)

Note: The candidate has to attach documentary evidence for every claim duly certified by the competent authority

6

Service in Remote/difficult areas (Tough Locations)

2

- Award 1 mark for minimum 03 years' service rendered as scientist in remote/difficult area (Tough Locations)as defined by the GOI from time to time. {Latest MOF, GOI's OM No.31/1/2017-E-II(B) dated 19.07.2017, as amended from time to time}
- Award additional 0.50 mark for each completed year of service as scientist rendered beyond 03 years in remote/difficult area (Tough Locations).

Note: This benefit can be claimed by a candidate only once during whole service period

| 7 | APAR | 8 |
|---|--|-----------|
| | <p>Award 0.8 Mark for each year outstanding APAR grading during last ten years. <i>(A statement of APARs signed by the competent authority of Institute/Organization should be enclosed for awarding of marks.)</i></p> <p><i>Note :In case, during the last 10 years, the candidate has served in an organization(s) where APAR/AAR/CR is not written, the marks for the period of last 10 years where APARs are available will be awarded as indicated above and for marking for remaining part of the last 10 years' period, performance certificate with indicating grade (grading should be only in standard benchmarks like Outstanding/Very Good/Good) from the Competent Authority for each year of service in the concerned organization should be submitted. Marks will be awarded for outstanding grading only and the outstanding grading given in performance certificate has to be justified with specific comments on performance of the candidate.</i></p> | |
| | GRAND TOTAL | 70 |

Note:

1. The applicant has to attach documentary evidence for every claim made in the application duly certified by the Competent Authority.
2. The Institute Technology Management Unit (ITMU) will create and maintain database of all validated technologies released/commercialized with the details of developers. The PME Cell of the Institute has to verify the claim made by applicants working in the respective Institute and then the Director of the applicant's Institute will certify the same. The ARMS Database should be used for verification.
3. Similarly, the applications of Directors of the ICAR institutes/ADG of ICAR HQ shall be verified/certified by the concerned DDGs on the basis of certificates/documents submitted by the candidates in support of achievements claimed in the application and also on the basis of records maintained at the level of Divisions/Department. Such information can also be verified/cross-checked from APAR Dossiers as these documents are part of APAR Dossiers. Further, the SMDs will create and maintain database of technologies developed by all the Institutes/units under their administrative control for the purpose.
4. The applicants who have served at a number of institutions/organizations should maintain all required information/records alongwith supporting documents as proof. Based on the supporting documents, the Director of the present Institute should certify the application. Whenever required the Directors of the previous institutes shall have to provide certified information to the Directors of the present institute of the applicant.

5. In case the applicant happen to be a Vice Chancellor, self certification should be done with supporting documents and following undertaking has to be furnished by the applicant :
"I hereby undertake that all the achievements claimed by me in the application form for the post of _____ are true and correct to the best of my knowledge & belief. All the supporting documents are duly attached. I fully understand that if any information or claim or supporting document furnished by me is found to be incorrect or false my candidature for the post will be cancelled right away and appropriate disciplinary, administrative and/or legal action as deemed fit may be taken against me."
6. The applicants, who served as Vice-Chancellors/Directors should maintain such record/information specially related to enhancement in average publications of the scientists, external grants generated, revenue generated etc. with certified copies. If required the applicants who have already demitted the office of Vice-Chancellors/Directors can collect the required information/documents from the previous Institute/office/University. The existing VCs/Directors shall have to provide certified information
7. Any wrong certification, besides cancellation of candidature, will also invite suitable action against the applicant and the certifying officer.
8. In case of any issue coming up at any stage of screening process, the same will be brought by the Secretary, ASRB to the notice of the Chairman, ASRB. The same would be resolved by the ASRB and decision of Chairman, ASRB shall be final in the matter.

Annexure-A : List of Post-Doctoral Fellowship of minimum one-year duration.

- 1) ICAR Post-Doctoral Fellowship
- 2) BOYSCAST Fellowship
- 3) SERB Overseas Postdoctoral Fellowship
- 4) Commonwealth Fellowships
- 5) DAAD Fellowship
- 6) Alexander Humboldt Fellowship
- 7) CSIR Nehru Science Postdoctoral Research Fellowship
- 8) Japan International Award for Young Agricultural Researchers (Japan Award)
- 9) JASP Postdoctoral Fellowship for overseas Researchers (Govt of Japan)
- 10) ASEAN-INDIA RESEARCH TRAINING FELLOWSHIP (AI-RTF)
(ASEAN- India Science, technology & innovation Cooperation)
- 11) SBI Post-Doctoral Research Fellowship

Annexure-B of Revised RMP Score Cards: List of Reputed National/International Academies

1. Indian National Science Academy, New Delhi
2. National Academy of Sciences (India), Allahabad
3. National Academy of Agricultural Sciences, New Delhi
4. Indian Academy of Sciences, Bengaluru
5. Indian National Academy of Engineering, New Delhi
6. The Academy of Sciences for the Developing World
7. Japan Academy of Sciences
8. Russian Academy of Agricultural Sciences
9. US National Academy of Sciences
10. The Royal Society (London)

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B1?

Annexure- C of Revised RMP Score Cards : List of other awards of national / international stature in the relevant fields

I) National Awards

A. ICAR awards:

1. ICAR-Lal Bahadur Shastri Outstanding Young Scientist Award
2. ICAR-Panjabrao Deshmukh Outstanding Woman Scientist Award
3. ICAR-Vasantrao Naik Award for Outstanding Research Application in Dry Land Farming Systems
4. ICAR-Swami Sahajanand Saraswati Outstanding Extension Scientist Award
5. ICAR-Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems
6. ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences
7. ICAR-Nanaji Deshmukh ICAR Award for Outstanding Interdisciplinary Team Research in Agricultural and Allied Sciences
8. ICAR-Bharat Ratna Dr C. Subramaniam Award for Outstanding Teachers
9. NASI-ICAR Award for Innovation and Research on Farm Implements
10. ICAR- Hariom Ashram Trust Award
11. ICAR-Dr Rajendra Prasad Puraskar for technical books in Hindi in Agricultural and Allied Sciences

B. CSIR Awards:

1. G N Ramachandran Gold Medal for Excellence in Biological Sciences & Technology
2. CSIR Young Scientist Awards for Excellence in Science & Technology
3. CSIR Technology Awards

C. Ministry of Earth Science: National Earth System Science Award

D. Department of Science and Technology (DST)

1. National Awards for Technology Business Incubator & Emerging Technology Business Incubator
2. SERB Women Excellence Award
3. J.C. Bose National Fellowship

E. Department of Biotechnology (DBT)

1. Innovative Young Biotechnologist Award (IYBA)
2. National Woman Bio Scientist Awards
3. National Bioscience Award for Career Development

F. Ministry of Environment, Forest and Climate Change

1. India Biodiversity Award
2. E. K. Janaki Ammal National Award on Taxonomy

30/31/2

3. Pitamber Pant National Environment Fellowship Award
4. Dr. B.P. Pal National Environment Fellowship Award for Biodiversity
5. ICFRE Agroforestry Award
6. ICFRE Lifetime Achievement Award in Forestry.

G. Ministry of Earth Science:

- 1) National Earth System Science Award
- 2) Life Time Excellence Award
- 3) National Award in Atmospheric Science and Technology
- 4) National Award for Geosciences and Technology
- 5) Dr Annamani National Award for Woman Scientist

H. Ministry of Skill Development :

- 1) National Entrepreneurship award

I. Ministry of AYUSH :

- 1) Life Time Achievement Award

J. Indian Space Research Organisation (ISRO)

- 1) lifetime Achievement Award
- 2) Outstanding Achievement Award
- 3) Performance excellence award
- 4) Merit Awards
- 5) Young Scientist Award
- 6) Team Excellence Awards

K. Ministry of E & IT, GoI :

- 1) Digital India Award

L. Awards Reputed Academies :

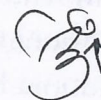
1. Indian National Science Academy, New Delhi

I. International Awards:

- INSA-Vainu Bappu Memorial Award
- Jawaharlal Nehru Birth Centenary Medal

II. General Medals and Awards

- Chandrasekhara Venkata Raman Medal
- Shanti Swarup Bhatnagar Medal
- Meghnad Saha Medal
- Aryabhata Medal
- Indira Gandhi Prize for Popularization of Science
- INSA Medal for Promotion and Service to Science
- INSA Prize for Material Materials Sciences



III. Subject wise Medals/Awards

a) Medals Instituted by the Academy

- Srinivasa Ramanujan Medal - for Mathematical Sciences
- Satyendranath Bose Medal - for Physics
- Homi Jehangir Bhabha Medal - for Physics
- Jagadis Chandra Bose Medal - for Biochemistry, Biophysics, Molecular Biology & related areas
- Sunder Lal Hora Medal - for Animal Sciences
- Darashaw Noshervanji Wadia Medal - for Earth Sciences including Geography
- Prasanta Chandra Mahalanobis Medal - for Mathematical Sciences
- Syed Husain Zaheer Medal - for Engineering & Technology
- Silver Jubilee Commemoration Medal - for Agriculture Sciences
- Golden Jubilee Commemoration Medal - for Chemical Sciences
- Golden Jubilee Commemoration Medal - for Animal Sciences
- Kalpathi Ramakrishna Ramanathan Medal - for Atmospheric Sciences and Meteorology

iv) Awards for Young Scientists

- INSA Medal for Young Scientists
- INSA Young Historian of Science Award
- Professor LSS Kumar Memorial Award
- Anil Kumar Bose Memorial Award
- Professor Har Swarup Memorial Award

v) INSA Teacher Award

2. National Academy of Sciences (India), Allahabad

- Prof. Meghnad Saha Distinguished Fellowship
- NASI President's Platinum Jubilee Gold Medal for outstanding contributions to the growth of the Academy
- NASI-Senior Scientist Platinum Jubilee Fellows & NASI Honorary Scientist
- NASI-Young Scientist Platinum Jubilee Awards in the field of biological/physical/chemical sciences
- NASI Swarna Jayanti Puraskar
- Millennium Awards
- NASI Science Teacher Award

3. National Academy of Agricultural Sciences, New Delhi

- Dr B P Pal memorial award for Excellence in Agricultural Sciences.
- Dr K Ramaiah Award for outstanding contribution in Research plant production
- Dr K. C. Mehta Award for Outstanding Contribution in Plant Protection
- Dr M. S. Randhawa Award for Outstanding Contribution in Agriculture Administration



- Dr N. S. Randhawa Award for outstanding contribution in Natural Resources conservation & Management
- Dr P. Bhattacharya Award for outstanding Contributions in Animal Science.
- Dr A B Joshi Award for distinguished scientist/educationist in Agricultural Sciences
- NAAS Young Scientist Award
- NAAS Endowment Award
 - L.C. Sikka Endowment Award
 - Dr. (Mrs.) Prem Dureja Endowment Award
 - Dr. N. G. P. Rao Endowment Award
- NAAS Recognition Award

4. The Academy of Sciences for the Developing World

- TWAS-Abdus Salam Medal
- TWAS Medal Lectures
- TWAS-CAS Young Scientists Award for Frontier Science
- TWAS—Atta-ur-Rahman Award in Chemistry
- TWAS—Samira Omar Innovation for Sustainability Award
- TWAS-Fayzah M. Al-Kharafi Award
- TWAS—Abdool Karim Award in Biological Sciences
- TWAS-Lenovo Science Award
- TWAS Siwei Cheng Award in Economic Sciences

5. Japan Academy of Sciences

- The Imperial Prize.
- Japan Academy Prize.
- Duke of Edinburgh Prize.

6. Russian Academy of Agricultural Sciences

- Lomonosov Gold Medal.
- Landau Gold Medal.
- Kurchatov Medal.
- Demidov Prize.
- Lobachevsky Prize.
- Kovalevskaya Prize.
- Pushkin Prize.
- Lebedev Prize.

7. US National Academy of Sciences

a) Behavioral and Social Sciences

- Atkinson Prize in Psychological and Cognitive Sciences
- William and Katherine Estes Award
- Troland Research Awards

b) Biology and Medicine

- Alexander Hollaender Award in Biophysics
- Gilbert Morgan Smith Medal
- Jessie Stevenson Kovalenko Medal
- NAS Award in Molecular Biology
- NAS Award in the Neurosciences
- Pradel Research Award
- Richard Lounsbery Award
- Selman A. Waksman Award in Microbiology
- Troland Research Awards

c) Earth and Environmental Sciences

- Alexander Agassiz Medal
- Arthur L. Day Prize and Lectureship
- G. K. Warren Prize
- NAS Award in Early Earth and Life Sciences
- NAS Award in the Evolution of Earth and Life

d) Engineering and Applied Sciences

- Gibbs Brothers Medal
- J. C. Hunsaker Award in Aeronautical Engineering
- NAS Award for the Industrial Application of Science
- NAS Prize in Food and Agriculture Sciences

e) Physical Sciences and Mathematics

- Alexander Hollaender Award in Biophysics
- Arctowski Medal
- Comstock Prize in Physics
- Henry Draper Medal
- J. Lawrence Smith Medal
- James Craig Watson Medal
- Maryam Mirzakhani Prize in Mathematics (formerly the NAS Award in Mathematics)
- Michael and Sheila Held Prize
- NAS Award for Scientific Discovery
- NAS Award in Chemical Sciences
- NAS Award for Chemistry in Service to Society



8. The Royal Society (London)

a) Royal Society medal, award and prize winners Medallists and Award

- Athena Prize
- Buchanan Medal
- Darwin Medal

- Davy Medal
- Gabor Medal
- Hughes Medal
- Royal Society Mullard Award
- Rumford Medal
- Sylvester Medal

M. Other

1. University/Deemed Universities of ICAR/ IIT/IIM Gold Medal for excellence in Academics
2. Best Teacher Awards of University/Deemed Universities of ICAR

II. International Awards

1. World Agriculture Prize of Global Confederation of Higher Education Associations for the Agricultural and Life Sciences (GCHERA)
2. Norman Borlaug Award for Field Research and Application (Borlaug Dialogue / World Food Prize)
3. Victoria Medal of Honour (UK), Royal Horticultural Society
4. Bledisloe Gold Medal for Landowners (UK), Royal Agricultural Society of England
5. Canadian Agricultural Hall of Fame (Canada)
6. Japan Prize in "Biological Production, Ecology," Tokyo, Japan
7. Glinka World Soil Prize, FAO, Rome, Italy

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