Senior Scientist

**APPLICATION FOR CERTIFICATE OF APPRECIATION OF ICAR-SUGARCANE BREEDING INSTITUTE, COIMBATORE**

|  |
| --- |
| **Period: From \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_To\_\_\_\_\_\_\_\_\_\_\_\_\_**Whether Awarded Earlier: Yes or NoIf Yes, year \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Submit five copies |

1. Name : \_\_\_\_\_\_\_\_\_\_\_\_\_

2. Designation : \_\_\_\_\_\_\_\_\_\_\_\_\_

3. Discipline : \_\_\_\_\_\_\_\_\_\_\_\_\_

4. Division/Section : \_\_\_\_\_\_\_\_\_\_\_\_\_

5. Date of Birth : \_\_\_\_\_\_\_\_\_\_\_\_\_

6. Date of award of degree Ph.D. : \_\_\_\_\_\_\_\_\_\_\_\_\_

7. Date of joining the ICAR :\_\_\_\_\_\_\_\_\_\_\_\_

8. Date of joining the Institute : \_\_\_\_\_\_\_\_\_\_\_

9 Date of joining in the post of Scientist/

Scientist Sr Scale

 /Sr. Scientist and Principal Scientist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

10 Date of completion of 5 years : \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 In the institute

11(A) Highlight Your Significant Contributions:

During last five years

 period, in not exceeding one page:**\_\_\_\_\_\_\_\_\_\_\_\_\_**

**11 (B) TABULAR SUMMARIES OF SCIENTIFIC ACHIEVEMENTS**

|  |  |  |
| --- | --- | --- |
|  | **For Scientists**  | **Marks** |
|  | **Period 5 years** |  | **Max** | **Marks Secured** |
| **A** | **Scientific Activities** |  |  |
|  | **SCIENTIST’S ACHIEVEMENTS IN RESEARCH AND PUBLICATIONS** |  |  |
| **A01**  | 1. Research Publication of institute work only with ratings above 6.00 NAAS rating journal(4 marks for each publication for first author and 2 marks for others. 2 marks for publications below 6.00 NAAS rating for first author and 1.00 mark for others).
 | **30.00** |  |
| 1. Other publications**:**
* Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)**
* Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)**
* **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)**
* Conference Proceedings and newsletters edited: **0.5 marks for editor and co-editors (Max marks limited to 2)**
* Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 2)**
* Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 2)**
1. E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**
2. Key note address given scientific seminar organized **(2 marks for each) Maximum 6 marks**
3. Session chairman or co-chair or coordinator in seminars. **(3 Marks for each).Maximum 6 marks**
4. Individual awards received from recognised bodies, societies etc. **(3 Marks)**
5. Involvement in organising of scientific/extension/development/ meetings organized: **(2 marks each. Max:6 marks)**
6. Patent/copy rights obtained. **(5marks for PI or Co-PI (patent filed),** 10 marks (patent granted or technology commercialized)
7. Office bearer/member in executive council of professional society. **(2 marks each. Max: 4 marks)**
8. International visits/international assignments. **(5 marks for each visit and Max:10 marks)**
9. Member in national and state level committees/special assignments. **(4 marks each and Max:8 marks)**
10. Technologies and products developed**.(2 marks each and Max:8 marks)**
11. Commercial release during last five years**.(5 marks each and Max:10 marks)**
12. Evidence of promoting teamwork, promoting and improving work environment in lab, farm and regional stations**.(3 marks each and Max:6 marks)**
13. Evidence of peer group recognition such as reviewer of scientific work, member of professional evaluation committee**.(3 marks each and Max:6 marks)**
14. Post Doctorial Experience or training in Laboratory abroad for a period not less than six months**. (5 marks for one year and above. 2.5 marks for six months and below one year)**
 |  | **10.00** |  |
| **Remarks: Innovations and technologies developed includes, prototype, genetic stock, variety, product, vaccine, diagnostic kit, process, concept, methodology, software development/Data base management/Expert system developed/Decision support system /models / e-learning lessons / models developed.**  |
| **Technology and Product development**  |
| **A02** | **Technology spread and impact across the system*** The variety released entered into seed chain **. 3 marks. (maximum marks limited to 6.0)**
* Wide spread adoption of the variety /planting materials /tools / machinery / technology developed etc. by the farmers / clients across the system / country with a perceptible impact. (**3 marks.)(maximum marks limited to 6.0)**
* Commercial release/use of the technology attracting revenue to the organization **(Rs.5 to 10 Lakh 1.5 marks and above Rs. 10 Lakh 3 marks )(maximum marks limited to 6.0)**
* Adoption of concept /methodology /product by research and academic members across NARS/ CGIAR/ international research and academic bodies, accreditation received etc. **Max 3 marks . (maximum marks limited to 6.0)**
* Field day/ farmers fair, demonstration, exhibitions etc. 1 **mark for each (maximum marks limited to 6.0)**
 |  | **10.00** |  |
| **Capacity Developmentand HRD** |
| **A03**  | * Teaching. 0.5 marks for each credit hour taught **(max: 2 marks)**
* Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks**
* Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/ cases etc. (**1 mark each) Max 6 marks**
* Customized instruction materials, ready reckoners, research monographs, advisories , simulation model/ programmes etc. developed in relation to the institutional mandate. (**1 mark each) Max 4 marks**
* Convener or co-convener or organizing/ co-organizing secretary/ member or course director / co-course director of seminars / symposia / workshop / discussion /conference / summer or winter school / training programme / refresher course of duration 3-5 days: 1 **mark each**; 6 to 20 days: 2 **mark each**; 21 days or more: 3 **marks each (Maximum 6 Marks only)**
* Other HRD programmes organized / coordinated / assisted as per institutional mandate. (1 marks for each assignment) **Max 3 marks**
 |  | **10.00** |  |
| **B** | **Institution Building, infrastructure development and Additional Responsibilities** |  |  |
|  | * Institution building (Only clearly defined major contributions as a Member Secretary/Member /RAC/ SRC / QRT /PME Cell / CIF / IPR Cell/ Guest house/ Editors of Annual and AICRP Reports / I/c of Central Facilities like AKMU Cell / video conferencing, HRD Cell,Library etc.) **(3 marks per year for each assignment) (Maximum 9 Marks only)**
* Works related to germ plasm collection, documentation and conservation **(4 marks for each year of involvement) Max 10 marks**

Service providing activities related to production, processing and distribution of seeds and planting material, incharge of farm, seed production, **(3 mark per year for each assignment) (Maximum 10 Marks only)*** **Any other Activity: Pl specify. (4 marks for each activity per year)**
 |  | **10.00** |  |
| **C** | **Revenue Generation/Funds attracted to institute****(2 Marks for PI and 1 mark for Co-PI every one lakh fund attracted for the institute )** |  | **10.00** |  |
| **D** | **Recognition and Visibility brought to institute on personal efforts.**(News paper coverage/mass media coverage/Awards received for the institute during participation in exhibition/Arranging farmers visits/management of website/ outreach programmes and activities/collaborative programmes with line departments, SAUs, industries, Institutional publication etc.(one mark for each activity) |  | **5.00** |  |
| **E** | **Initiatives made which brought measurable output/outcome.**(2.5 marks for each initiative taken which brought measurable output/outcome) For example: resource conservation, organising new activities supported by evidence of proposal submitted for approval. |  | **5.00** |  |
| **F** | **Additional Responsibilities and Implementation of flagship programmes**: like MGMG,TSP etc, other institutional activities, seminars, meetings as member or leader of the team or committee.(One mark for each participation or assignment). |  | **5.00** |  |
| **G** | **Other institute activities** |  | **5.00** |  |
|  | **TOTAL**  |  | **100** |  |

\*Enclose supporting documents for each of the above items.

**Certificate**

I herby certify that the work done particulars and achievements submitted above are correct to best of my knowledge.

**Date:** **SIGNATURE OF THE SCIENTIST**

**Certificate to be filled in by the Head of the Division/Section**

1. Verified that the information furnished by the Scientist with regard to service particulars and research achievements / publications etc. are correct.
2. Dr. ……………………………………………… is clear from vigilance angle.
3. No minor / major penalty has been imposed on him / her during the said assessment period.
4. AAR grading for the assessment period are given below

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Period |  |  |  |  |  |  |  |  |
| Grading by the Reviewing Officer |  |  |  |  |  |  |  |  |

**SIGNATURE OF THE HEAD OF THE DIVISION**