**Indian Society of Genetics & Plant Breeding**

##### PART – A

The undersigned Fellows of the Indian Society of Genetics and Plant Breeding nominate

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**(Name of the candidate in capital letters)**

**Dr. M.S. Swaminathan Women Scientist Award of the ISGPB**

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| **Particulars of the Nominator**  **(Each ISGPB Fellow can propose a maximum of two candidates for the ISGPB award)** | | | | **Remarks about the nominee’s suitability**  **(Maximum 100 words)** |
|  | **Nominator-I** | |  |  |
|  | **Name** |  |  |
|  | **Designation** |  |  |
|  | **Institution** |  |  |
|  | **Signature with date** |  |  |
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|  | **Nominator -II** | |  |  |
|  | **Name** |  |  |
|  | **Designation** |  |  |
|  | **Institution** |  |  |
|  | **Signature with date** |  |  |
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**Dr. M.S. Swaminathan Women Scientist Award**

*(General Information to be filled by the nominee at the time of nomination)*

*Space for Passport size colour photograph*

1. Name in full:

2. Date & Place (with State) of Birth:

3. Nationality:

4. Field of specialization:

5. Present Position/Designation:

(last post held, if retired)

6. Address: (a) Official: Tel./Mobile No.: Fax No.:

E-mail

Address:

(b) Residential: Tel./ Mobile No.:

Address:

*(Give STD code for Telephone & Fax No.)*

7. Academic career and professional attainments

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| --- | --- | --- | --- |
| (a) Degree | University/Institution | Year | Distinction, if any |

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| (b) Position held | Institution | Period of appointment | Nature of appointment |
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I offer my candidature for award of Fellow of ISGPB. I certify that the information given in the form is correct and no vigilance/disciplinary proceedings are pending against me.

**Signature of the Nominee**

##### PART – B

**Significant Achievements of the Nominee**

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| --- | --- |
| Name of the nominee:  Designation & Address: | Date of birth:  Age *(as on 30.07.2021):*  *Life Membership duration:* |
| 1. Please give a brief statement of the most significant research achievements of the nominee which, will be circulated to the Fellows. (To be typed clearly within the space provided)   **(Maximum marks-5)** | |
| **Special attainments of the nominee** (maximum 200 words) | |

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| **2)** | **Publications (Maximum marks-45)** | | |
| **(a)** | **List of publications in peer reviewed journals**, in chronological order. For each publication, give name(s) of the author(s), indicate the corresponding authorby ‘\*’ after his/her name, year of publication, full title of the paper, name of the journal, volume No. and page Nos.  ***List 30 best publications* (Maximum marks 40)** | | |
| **S.No.** | **Details of Publications in the format given above** | **NAAS Journal ID** | **Score** |
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| **Total Score**  ***(To get total score, multiply sum of total score of all the publications with multiplication factor of0.089. First author and corresponding author will get full marks in a publication and rest of the authors will get 75% marks)*** | | |  |
| **(b)** | **Research Publications in Indian Journal of Genetics and Plant Breeding**  ***One publication in IJGPB carries 0.5 marks. First author and corresponding author will get full marks in a publication and rest of the authors will get 75% marks)* (Maximum marks 5)** | | |
| **S. No.** | **Details of Publication** | | **Marks obtained** |
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| **Total Marks** | | |  |
| **Grand total (sum of marks obtained under (2)- (a) & (b)** | | |  |
| *Please attach first page of the published article as a proof for claiming marks.* | | | |
| *Both research and review articles based on the work carried on crops will be considered.* | | | |
| *Additional publicationsand proofs are not required, and if given, the application is liable to rejection.* | | | |

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| **(3)** | **List up to 12 most important Products/Technologies/Software developed**  (Please see **Serial no. 2** in the guidelines for evaluation and list the products, technologies and software in the order scoring maximum to minimum score)**(Maximum marks-35)** | | | | | |
| **(a)** | **Products/Technologies/Software developed** | | | | | |
| **S. No** | **Details of Product/Technology/Software**  (Also write in one bullet point its impact in terms of adoption, commercialization and revenue generated) | **Patent No./Country of patent Release/ notification details Commercialization** | | **List according to category (I,II,III) as given in guidelines Serial no. 2** | **Whether Nominee is a Developer, Co-developer or Associate** | **Marks Claimed** |
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| **Total marks claimed** | | | | | |  |
| **(b)** | **Patents/Copyright for which products have not been developed (Please see Serial no. 2 in the Guidelines for Evaluation)** | | | | | |
| **S. No** | **Authors** | **Title** | | **Year** | **Patent No./ Country** | **Marks Claimed** |
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| **Total marks claimed** | | | | | |  |
| * *Marks can be claimed as per guidelines givenunder serial no.2.Developer (one) will be awarded 100% marks, while all Co-developers/Associate will get 75% marks.* * *Strictly write only 12most important Products/Technologies/Software developed by you. Additional product information is not required and if written, the application is liable to rejection* * *Marks will be granted only checking attached valid proofs.Claim made under publication should not be repeated here as a proof of product.* * *Marks will only be given to those claims where your name and role in development of a Product/Technology/Software is clearly mentioned and highlighted in the proof.* | | | | | | |
| **(4)** | **Books and Book Chapters (Please see Serial no. 3 in the guidelines for evaluation for marks distribution) (Edited and authored books)(Maximum marks-5)** | | | | | |
|  | **Books(Maximum marks-3)** | | | | | |
| **S. No.** | **Book details (title along with author and year of publication)** | | | **Original/ Edited** | **Publisher** | **Marks Claimed** |
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| **Total marks claimed** | | | | | |  |
|  | **Book Chapters (Maximum marks-2)** | | | | | |
| **S. No.** | **Book chapter details (title along with author and year of publication)** | | | | | **Marks Claimed** |
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|  | **Total marks claimed** | | | | |  |
| * *Books with a minimum of 100 pages with Copyright/ISBN No., published by a reputed publisher or organization, such as ICAR, CSIR and National Academies will be considered.* * *Proof of book indicating author/editor information alongwith the total number of pages should be attached.* * *Books published by the research institutes/universities will not be considered.* * *Edited and authored books will be considered. Each authored book carries 2 marks and edited book caries 1 mark.* * *Each book chapter will be given 0.25 marks subject to a maximum of 2 marks out of 5 marks given for Books.* | | | | | | |
| **(5)** | **Awards & honors (Please see Serial no.4 of guidelines for marks criteria)(Maximum marks-10)** | | | | | |
| **(a)** | **National/International Awards of high repute such as Rafi Ahmed Kidwai Award, Shanti Swarup Bhatnagar Award and Norman E. Borlaug Award** | | | | | |
| **S. No** | **Award details** | | | | **National/ International Awards** | **Marks Claimed** |
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| **(b)** | **Fellowship of National Science Academies (INSA, NASI, IAS, INAE)** | | | | | |
| **S. No** | **Award details** | | | | **Awarding Agency** | **Marks Claimed** |
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| **(c)** | **Other Awards by ICAR, CSIR, DST, DBT, NRDC, National Science Academies, etc.** | | | | | |
| **S. No** | **Award details** | | | | **Awarding Agency** | **Marks Claimed** |
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| **(d)** | **Young Scientist Award/Associateship by the National Science Academies** | | | | | |
| **S. No** | **Award details** | | **Awarding Agency** | | | **Marks Claimed** |
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| **(e)** | **Awards/Recognition by the National and International Level Professional Societies and Academies (not covered above) (Fellowship; Lifetime Achievement Award; Positions of President, Chief Editor (or equivalent position), and Secretary)** | | | | | |
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| (f) | **Chairperson / Co-Chairperson of National Level Apex Body constituted by Government of India** | | | | | |
| **S. No** | **Details** | | | | | **Marks Claimed** |
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| (g) | **Convener /Co-Convener/ Organizing Secretary/Co- Organizing Secretary of a conference/workshop/seminar or Chairman/Co-Chairman /Invited Lecture/Keynote Speaker during Technical Session of conference/workshop/seminar etc. organized by reputed institutions/organizations** | | | | | |
| **S. No** | **Details** | | | | | **Marks Claimed** |
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| (h ) | **Overseas Post-Doctoral Fellowship of minimum six-month duration awarded by Fulbright; Humboldt; DAAD; FAO; CGIAR Institutes; Commonwealth; Overseas Universities; DBT; DST; BOYCAST; CSIR; ICAR; MHRD; INSA; UGC** | | | | | |
| **S. No** | **Details** | | | | | **Marks Claimed** |
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| (i) | **More than 200 citations / research or review paper** | | | | |  |
| **S. No** | **Details** | | | | | **Marks Claimed** |
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| **Total marks claimed under (5) (a) to (i)** | | | | | |  |
| **Grand Total of marks claimed from S.no. 1 to 5** | | | | | |  |

**SELF ASSESMENT BY THE APPLICANT**

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| --- | --- | --- | --- | --- |
| **Sl. No** | **Sections** | **Maximum marks**  **allocated** | **Marks claimed** | **Marks granted**  ***(For office use only)*** |
|  | Significant Achievements | 05 |  |  |
|  | Publications | 45 |  |  |
|  | Products & Technologies | 35 |  |  |
|  | Books/Book Chapters | 05 |  |  |
|  | Awards & honors | 10 |  |  |
|  | **Total** | **100** |  |  |

**I hereby declare that the statements made in the application are true and correct to the best of my knowledge and belief.**

**Date and Place Signature of the Applicant**

**Forwarded by the Competent Authority with official stamp:**

**GUIDELINES FOR EVALUATION OF DR. M.S. SWAMINATHAN WOMEN SCIENTIST AWARD**

**APPLICATION**

**Allocation of marks for different criteria:**

1. Significant Achievements – maximum 5 marks
2. Publications – maximum 45 marks
3. Products & Technologies – maximum 30 marks
4. Books/Book Chapters – maximum 5 marks
5. Awards & honors – maximum 10 marks
6. Others (Outstanding Academic Contributions) – maximum 5 marks

**1. PUBLICATIONS (Max. 45 marks)**

1. 30 best publications will be considered. Publications should be based on the work carried in the field of crop improvement and related field~~s~~ crops.
2. For NAAS scoring of journals, the latest scoring identified by NAAS should be used and the Journal ID should be mentioned in the column provided in the proforma against each publication. For Thomson Reuters Impact Factor (IF) journals, NAAS Score = 6.0 + IF with capping on 20.00 should be used.
3. Multiple authorship: First author and corresponding author will get full marks in a publication and rest of the authors 75% marks
4. The total NAAS Score of all the publications will be obtained and multiplying total sum of score by multiplication factor of 0.089 with maximum cap of 40 marks.

**2. PRODUCTS AND TECHNOLOGIES\* (Max. 35marks)**

*Following indicators should be used for allocation of marks. The Sectional Committees may consider equivalent indicators for scoring and award of maximum marks as given below depending upon relevance and level of penetration of product/ technology among stakeholders. For online products, URL should be given for assessing.*

|  |  |  |
| --- | --- | --- |
| **Category no.** | **Indicators** | **Marks** |
|  | * Developer of each patented and commercialized product/each plant variety that is gazette notified by the CVRC orSVRC (State Level) with evidence of sale by demand of consumer, farmers or other users such as breeder seed indent, production contract with the organization, authenticated by accredited body. * Developer of concepts/methodologies that are recognized at national level | 3.0 |
|  | * Developer of Genetic stock authenticated by accredited body (national level) * Large scale success stories having impact across states and recognized at national level * Developer of ICT based extension programmes or any copyrighted product / technology / comprehensive software | 2.25 |
|  | **Germplasm collection/conservation:** Major crops having centre of diversity in India (200 accessions)/Minor crops having centre of diversity in India (100 accessions)/unexplored difficult areas (50 accessions) | 1  **(Max marks: 6)** |
|  | Germplasm evaluation (200 accessions) /DNA fingerprinting (50 accessions) /Biochemical evaluation (50 accessions)/ germplasm introduction (100 accessions) | 1.5  **(Max marks:6)** |
|  | **Germplasm development**  Intra-specific pre-breeding | 1 |
| Inter-specific pre-breeding | 2 |
| Inter-generic pre-breeding | 3 |
|  | **(Max marks: 6)** |
|  | New species collected, identified and described including major taxonomic revisions | 2 |
|  | Value-added products based on biodiversity that have been scientifically evaluated and adopted or have the potential to be adopted on a wide scale; may include use in indigenous medicine, biomolecules, formulations etc. | 2 |
|  | Comprehensive efforts leading to biodiversity and ecosystem conservation, e.g. notification of Gene Sanctuaries/ Biosphere Reserves, biodiversity protection measures, clonal repositories etc. | 1 |
|  | * Policy Papers/Strategy papers/ Strategy documents developed at National/ICAR/DARE level/comprehensive software/web resource | 1.50 |

*\* Developer (one) shall be awarded 100% marks, while all Co-developers/Associate 75%.*

*Developer of Products and Technologies authenticated by accredited body at national level*

* **Products:** including variety, unique germplasm, genetic stock, chemical and biochemical formulation, diagnostics, vaccines, drug formulation, feed formulation, models of institutional innovations, programming, simulation or statistical models and computer software, including extension software such as expert systems and interactive multimedia, new pest and pathogen identified, new machines/equipment or major modifications in them and development of new value-added products that have been economically evaluated and adopted or have the potential to be adopted on a wide scale. In the case of social sciences, it may include new extension models/concepts/methodologies developed**,** special reports, policy papers, etc. with evidences of influence on research priorities, economic policies and programmes.
* **Technologies:** Research findings that become sustainable practices among the stakeholders. These include integrated pest management, integrated resource management, integrated farming system models, water harvesting and conservation methods, post-harvest technologies, institutional innovations, improvement and innovative extension efforts leading to large scale diffusion and adoption of technologies.

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

**3. BOOKS/BOOK CHAPTERS (Max. 5 marks)**

1. Books with a minimum of 100 pages with Copyright/ISBN No., published by a reputed publisher or organization, such as ICAR, CSIR and National Academies will be considered. Books published by the research institutes/universities will not be considered.
2. Each authored book carries 2 marks and edited book carries 1 mark.
3. Each book chapter will be given 0.25 marks subject to a maximum of 2 marks out of 5 marks given for Books section (3).

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| 1. National and international awards of high repute such as Rafi Ahmad Kidwai Award, Shanti Swarup Bhatnagar Award and Norman E. Borlaug Award | 4 marks each |
| 1. Fellowship of National Science Academies (INSA, NASI, IAS, INAE) | 4 marks each |
| 1. Awards by ICAR, CSIR, DST, DBT, NRDC, DRDO, ISCA, National Science Academies, Central Govt. Departments etc. | 2 marks each |
| 1. Young Scientist Award/Associateship by the National Science Academies | 2 marks each |
| 1. National and International level Professional Society and Academy (not covered above) Awards/Recognition (Fellowship; Lifetime Achievement Award; President, Editor‑in-Chief (or equivalent), and Secretary positions) | 1 mark each  limited to maximum 5 marks |

**4. AWARDS, HONORS, FELLOWSHIP OF NATIONAL SCIENCE ACADEMIES, (Max. 10 marks)**

**Others (Outstanding Academic Contributions)**

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| --- | --- |
| Chairperson / Co-Chairperson / Convener of National Level Apex Body constituted by Government of India | 1 mark each |
| Convener /Co-Convener/ Organizing Secretary/Co- Organizing Secretary of a conference/workshop/seminar or Chairman/Co-Chairman /Invited Lecture/Keynote Speaker during Technical Session of conference/workshop/seminar etc. organized by reputed institutions/organizations | 1 mark each |
| Overseas Post-Doctoral Fellowship awarded by Fulbright; Humboldt; DAAD; FAO; CGIAR Institutes; Commonwealth; Overseas Universities; DBT; DST; BOYCAST; CSIR; ICAR; MHRD; INSA; UGC | 1 mark each |