

**U.P.Pt. Deen Dayal Upadhyay Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go Anusandhan Sansthan (DUVASU) Mathura-281001 (U.P.)**

APPLICATION FORM FOR ASSOCIATE PROFESSOR AND PROFESSOR

(To be filled by the candidate)

[Part-A]

Name of issuing/transferring Bank Branch	Draft Number/ Transaction reference	Date	Amount	Please affix your latest passport sized self-attested photograph
Post Applied for :				
Advertisement No.				
S. No. of Post				
Closing date for receipt of application				

1. Name in full (in capital letters) First name-Middle name-Surname												
2. Date of birth (DD, MM, YY) and Gender	Day		Month		Year		Gender	Male	Female	TG		
3. Age as on closing date	Day		Month		Year							
4. Father's name & Mother's name												
5. Designation of the candidate (if employed)												
6. Name of the Institution/ Organization where employed.												
7. Actual place of posting												
8. (a) Full postal address with pin code for correspondence												
8. (b) Telephone No., e-mail ID, Mobile no.												e-mail:
8. (c) Aadhar No.												
9. Permanent address with Pin code												
10. Are you a citizen of India? If so, whether by birth/domicile.												
11. Category* (Write SC/ST/OBC/EWS/General and Name of State) and sub category											Persons with disability (PWD)	
											Yes	No
12. Have you ever been convicted by a court of law for any offence? If so, details thereof.												
13. Have you ever been punished or debarred from service of Government/Other organization. If so, details thereof.												
14. Indicate if you possess essential / desirable Qualification. If yes provide full details.	Essential :										Desirable:	
15. If selected, are you prepared to accept the minimum initial pay offered? If not, state the lowest initial pay that you would accept in the prescribed scale.												
Signature of the Candidate : Date and Place :												

*Attach attested copy of certificate issued by competent authority of U.P. government.

**U.P.Pt. Deen Dayal Upadhyay Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go Anusandhan Sansthan (DUVASU) Mathura-281001 (U.P.)**

APPLICATION FORM FOR PROFESSOR AND PROFESSOR

(To be filled by the candidate)

[Part-B]

Please affix your
latest passport sized
self-attested
photograph

Name:		Date of Birth (Date/Month/Year)				Designation	
Age as on closing date in India [Year(s)/Month(s)/Day(s)]					Present Pay Scale/ Pay Band		
					Grade Pay/ Research Grade Pay/Pay Level		
					Basic Pay		
Post applied for					Discipline/Area of the candidate		
Advt. No.					Item No.		

1. Academic Qualifications

Level	Year of Passing	Institute/ University	Subject(s) with major field	Class/ Division/ Grade/ Percentage/ OGPA	For Office Use only
10+2					
Graduation					
Masters					
Ph.D.					
Other Qualifications (Relevant to the post applied for)					
VCI/State VC registration no.					

Please enclose (i) attested copies of certificate/ Degree (ii) leave sanctioned document for period of Ph.D. in case Ph.D. was conducted as in service candidate with the application form.

1.1. Academic Performance

Whether candidate is a recipient of the following?	Candidate's Response	For Office Use only
From 60% and up to 70% marks or from 6 and up to 7 OGPA on scale of 10 or equivalent at 10+2 level.	Yes/No	
From 60% and up to 70% marks or from 6 and up to 7 OGPA on scale of 10 or equivalent at UG level.	Yes/No	
From 60% and up to 70% marks or from 6 and up to 7 OGPA on scale of 10 or equivalent at PG level.	Yes/No	
From 60% and up to 70% marks or 6 and up to 7 OGPA on scale of 10 or equivalent at Ph.D. level.	Yes/No	
More than 70% and up to 80% marks or >7 and up to 8 OGPA on scale of 10 or equivalent at 10+2 level.	Yes/No	

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More than 70% and up to 80% marks or >7 and up to 8 OGPA on scale of 10 or equivalent at Graduate Degree.	Yes/No	
More than 70% and up to 80% marks or >7 and up to 8 OGPA on scale of 10 or equivalent at Master's Degree.	Yes/No	
More than 70% and up to 80% marks or >7 and up to 8 OGPA on scale of 10 or equivalent at Ph.D. Degree.	Yes/No	
More than 80% marks or > 8 OGPA on scale of 10 or equivalent at 10+2 level.	Yes/No	
More than 80% marks or > 8 OGPA on scale of 10 or equivalent at Graduate degree.	Yes/No	
More than 80% marks or > 8 OGPA on scale of 10 or equivalent at Master's Degree.	Yes/No	
More than 80% marks or > 8 OGPA on scale of 10 or equivalent at Ph.D. Degree.	Yes/No	
National Talent Search Scholarship/ INSPIRE or other Scholarship as defined by the Council/ ASRB	Yes/No	
Merit Scholarship during Graduate Degree Programme	Yes/No	
JRF during Master's Degree Programme/ Merit Scholarship in the ICAR DUs	Yes/No	
SRF of ICAR or JRF of CSIR/UGC during Ph.D. Degree or other national level fellowship or GATE qualified	Yes/No	
1.2. Position in the University		
First Position/ Gold Medal in the University/Deemed to be University/ IITs/ NITs/ Institutes of National Importance at the Graduate Degree Programme (Except Faculty/College/Department Gold Medal).	Yes/No	
First Position/ Gold Medal in the University/ Deemed to be University/ IITs/ NITs/ Institutes of National Importance at the Master's Degree Programme (Except Faculty/College/Department Gold Medal).	Yes/No	
First Position/Gold Medal in the University/Deemed to be University/IITs/NITs/Institutes of National Importance at the Ph.D. Degree (Except Faculty/College/Department Gold Medal).	Yes/No	
1.3. Ph.D. Thesis Award		
ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.	Yes/No	
Best Doctoral Thesis Award given by National/ International level Academic Bodies/ Institutions/ Universities.	Yes/No	
1.4. Post-Doctoral Fellowships and Other Qualifications		
Fellowship awarded by International Institutions like Fulbright/ Humboldt/ DAAD/ FAO/ CGIAR/ EU/ Overseas University.	Yes/No	
Fellowship awarded by National Institutions like DBT/ DST/ BOYSCAST/ CSIR/ ICAR/ MHRD/ INSA/ UGC	Yes/No with Duration	
PG Diploma/Master's Degree in Management/Computer Application (as mentioned in at point no. 1 under Academic Qualification)	Yes/No	
Any other Diploma/Degree relevant to the post (as mentioned in at point no. 1 under Academic Qualification)	Yes/No	

Note:

1. Please enclose self-attested photocopies of (i) Date of Birth Certificate (ii) All Qualifications.
2. Provide evidence of Class/Division with appropriate conversion formula of the awarding University and other academic achievements listed above.

2. Experience in Professional Field		
2.1. Qualifications advertised for the post		
Prescribed Essential Qualifications	Qualifications possessed by the candidate*	For Office Use only

2.1.1. Employment Record (starting from the present position)								
Designation	Pay Scale/ Pay Band with Grade Pay/ Research Grade Pay/Pay Level	Major discipline of work experience	Nature of work	Organization	Institute	Place of posting	Period	
							From (DD/MM /YYYY)	To (DD/MM /YYYY)

2.2. Experience over and above the prescribed essential years stipulated as minimum qualifications		
Attributes	Candidate's Response	For Office Use only

2.3. Trainings (Domestic/Abroad)/ MDP/ EDP (Specify trainings undergone in the field of Specialization/ Research Management outside the Institute/ University)				
Duration of training	Title of the training and name of the institution	Period		For Office Use only
		From (DD/MM/YYYY)	To (DD/MM/YYYY)	
5-9 days' duration				
10-20 days' duration				
21- 89 days' duration				
More than 90 days' duration				

2.4. Team work promoting inter-disciplinary/inter institutional approach			
Specify team work of inter-disciplinary approach (in 5 bullet points).			
Type of Work	Supporting Evidence	Name of Discipline/ Institute	For Office Use Only

2.5. Leadership Attributes		
Attribute	Details with Supporting Evidence	For Office Use only
Major R & D initiatives launched including those relating to IPR/ Patent/WTO etc.		
Inter institutional collaboration (National & International) developed		
New programs or any initiative		
Industry-institutional linkages		
Flagship Research/ Education/ Extension programs		
Incubatees/ Start-ups of Technology		
Adjunct/ Visiting Faculty Positions created		
Village Institutions (FPO, FPC, Commodity based Organizations, SHGs) created		

2.6. Contributions as Leader in the Area of Research Management			
Attribute	Detail of Work with Supporting Evidence	Amount (Rs. in lakhs)	For Office Use only
External grant generated			
Infrastructure created			

2.7. Service in Remote Areas/ Disadvantaged Areas (Difficult Areas)/KVKs.				
Note: To be filled in by those who have completed at least 3 years of continuous service in specified areas/ KVKs				
Designation	Name and Location of Remote Area/ Regional Centre/ KVK	Period		For Office Use only
		From (DD/MM/YYYY)	To (DD/MM/YYYY)	

3. Recognitions & Awards/ Special Attainments				
3.1. Recognitions & Awards				
Category of Recognition/ Award	Item of Recognition / Award	Year	Awarding organization (National/ International, Institutional/ Professional Society/ Academy)	For Office Use only
Padma Awards				
Fellowship of National/ International Science Academies				
National/International Awards				
State Government/ National/ International Institutes/ Universities/ Registered Professional Society Awards				
Associate-ship of Recognized National/ International Science Academies				
Young Scientist Award/ Medal of National Academies/ISCA or equivalent International award/ medal				

3.2 Special Attainments			
Category of Special Attainment	Details of Special Attainment	Additional details/ Information	For Office Use only
Chairman / Member Secretary of Scientific Committees			
Member of Policy Making Bodies/Task Force/ Committees of International/ National /State/QRT/IMC/ RAC/ BOM Member/ Editor/ Chief Editor of NAAS- rated Journals			
Positions held in National and International Academies/ Professional Societies (registered)			
Visiting/Adjunct Faculty			

Experience of working/ training in an International Organization/ Laboratory			
Invited Lecture/ Keynote Speaker /Chairman of a Technical Session in International Conferences, Seminar etc.			
Member of International Delegation.			
Organizing Secretary/ Convener of conferences/ workshops/ symposium			
Best Paper Award - Presented/ Published			

4. Discoveries, Inventions and Innovations: New discoveries and development of varieties/ breeds/ technologies/ innovations and grant of patents/copyrights having documented impact at the field level. Also, new traits identified/ genes isolated/ germplasm registered/ breeder seed produced/ policy instrument scripted/ new theory defined will qualify for grant of marks.

(Candidates are advised to fill the column whichever is applicable)

	Activities	Details of Special Achievements	Supporting Evidence	For Office Use only
4.1	Development of Variety & Coverage Area			
4.2	Development of Animal Strain/Variety			
4.3	Development of Technologies/Package of Practices			
4.4	Patents/Copyrights & Commercialization.			
4.5	Discoveries/Inventions			
4.6	New Traits/ Genes Identified			
4.7	Policy Papers/Policy Briefs			
4.8	Information Technology/ Statistical Methodologies			
4.9	Value Chain/ Model Villages			
4.10	Innovative Extension Methodologies			

5. Teaching / Research / Extension

Major function (Teaching/ Research/ Extension)	
Minor function (Teaching/ Research/ Extension)	

Note: Candidate should fill only one major function and one minor function

5.1. Teaching as Major Function				
5.1.1 Teaching				
Course Id & Course Title	Credit Hours	Credit load taken by candidate per year	Year	For Office Use only

5.1.2 Research Guidance as Major Advisor			
Name of Student	Degree Programme	Year of Completion of Degree	For Office Use only

5.1.3. Capacity Building Training Programmes Organized as Course Director/ Leader						
Type of Program	Name of the program organized	Sponsoring agency	Year	Period		For Office Use only
				From (DD/MM/YY YY)	To (DD/MM/YY YY)	

5.1.4. Student Performance <i>(For whom the Candidate Served as Major Advisor)</i>					
Name of Student	Degree/ Program	Year of Award	Name of the Award/ Fellowship	Name of Awarding Organization	For Office Use only

5.1.5 Lectures Delivered in Summer/ Winter Schools, Refresher courses, Symposia, Conference etc.				
Type of program	Program name	No. of lectures delivered	Whether published in proceedings? (Yes/No)	For Office Use only
Summer/ Winter schools, Refresher courses, Training programs				
Conference/ Symposia (for the post of Senior/ Principal Scientist)				

5.1.6 Seminar/ Symposium organized as Chairman/Organizing Secretary/ Convener						
Type of program	Name of the program organized	Sponsoring agency	Year	Per iod		For Office Use only
				From (DD/MM/YYYY)	To (DD/MM/YY YY)	

5.1.7 Innovation in Teaching			
Type of Activity (Development of an e-Course, a Module, a Teaching Model, a Case Study, any other)	Details of the activity	Sponsoring agency	Year

5.1.8 External Examiner-ship			
<i>(Applicable only for the post of Senior Scientist)</i>			
Type of examination (Paper setter, External examiner, Thesis evaluator, Viva-voce examiner).	Institution	Year	For Office Use only

OR

5.1 Research as Major Function					
5.1.1 Research Projects					
Title of the project	Level of association (PI/Co-PI/ Associate)	Peri od		Sponsoring Organization	For Office Use only
		From (DD/MM/YY YY)	To (DD/MM/YY YY)		

5.1.2. Research Guidance as Major Advisor (This component 5.1.2 should not be counted twice both in teaching and research)			
Name of Student	Degree / Program	Year of completion of degree	For Office Use only

OR

5.1. Extension Education as Major Function		
5.1.1 Technology Application, Demonstration and Adoption		
Activity	Outcome / Impact with Supporting Evidence	For Office Use only

5.1.2 Extension Approaches for Technology Dissemination			
Activity	Program Details	Salient Achievement / Outcome with Supporting Evidence	For Office Use only

5.1.3 Capacity Development			
Type of Program	Program Details with Supporting Evidence	Co-ordination / Associate	For Office Use only

Note: Candidates are advised to see the details of “Type of program’ under 5.1.1, 5.1.2, 5.1.3 in the relevant score card for the post before filling up the application form.

5.2 Minor Function Details (Teaching/ Research/ Extension)
For any of the teaching, research or extension as the Minor Function the award of marks will be granted as narrated and distributed for Major Function. But the aggregate for minor functions will be multiplied by 0.25 to arrive at the marks for the Minor Function

5.3. Externally Funded Projects						
Title of the Project	Level of Association (PI/CoPI/Associate)	Period		Value of the Project (Rs. in lakhs)	Sponsoring Agency	For Office Use only
		From (DD/MM/YY)	To (DD/MM/YY)			

6. Publications

6.1. Applicable to Scientists other than Social Scientists

6.1.1. Publications (Refereed Journals) (For other than Social Scientists)

List 10 best papers for post of Associate Professor and 16 for post of Professor

Note: Research papers published in refereed journals will be considered for allocation of scores according to latest NAAS Journal rating.

Authors, Year of publication, Title of the paper	Journal Name, Volume and Page No.	First Author (Yes/No)	NAAS Journal Id	NAAS Rating	For Office Use only

Note: No Score will be given if references are incomplete

6.1.2. Other Publications (For Scientists other than Social Scientists)						
(Candidates may refer to the scorecard and fill the column as per the post applied for)						
Category of publication	Name of publication	Authors	First Author (Yes/No)	Year and Number of pages	Publisher	For Office Use only
Books						
Practical Manual						
Training Manual						
Monographs						
Book Chapters						
Popular articles/ Bulletins/ KVK Newsletter/ Pamphlets/ Leaflets/ Short Communications						
Papers published on Policy issues						

OR

6.1. Applicable to Social Scientists and Scientists working in KVKs**6.1.1. Publications (Refereed Journals)***(For Social Scientists and Scientists working in KVKs)***(List 10 best papers for Associate Professor and 12 for Professor.)****Note:** Research papers published in refereed journals will be considered for allocation of score according to latest NAAS Journal rating.

Authors, Year of publication, Title of the paper	Journal Name, Volume and Page No.	First Author (Yes/No)	NAAS Journal Id	NAAS Rating	For Office Use only

Note: No Score will be given if references are incomplete**6.1.2. Other Publications (For Social Scientists and Scientists working in KVKs)***(Candidates may refer to the scorecard and fill the column as per the post applied for)*

Categories of publications	Title of publication	Authors	First Author (Yes/No)	Year and Number of Pages	Publisher	For Office Use only
Books						
Monographs						
Practical Manual						
Training Manual						
Book Chapters						
Popular articles/ Bulletins/ KVK Newsletter/ Pamphlets/ Leaflets/ Short Communications						
Electronic Media Coverage Articles in Newspapers and Magazines						
Extension Bulletins						
IT Material for Technology						
Transfer/ Human Resource Development						
Papers published on Policy issues						

7. Institution building / Service functions				
<i>(Candidates are advised to see the details of service functions under each category in the relevant score card for the post before filling up the application form.)</i>				
7.1 Activities at the College/Institute/University/Council Level				
7.1.1 Institution Building				
Item	Details of Activity	Level of Involvement	Amount (Rs. in lakhs)	For Office Use only

Note: For options under the field “Item”, please refer relevant score card.

7.2. Service functions				
Category of service functions	Details of Services Provided with Supporting Evidence	Period		For Office Use only
		From (DD/MM/YYYY)	To (DD/MM/YYYY)	

Note: For options under the field “Item”, please refer the score card.

DECLARATION	
<p>A. I hereby declare that the entries in this application are true to the best of my knowledge and belief and also that I have not concealed any fact or withheld any information regarding my past services and record and that if any entry is found to be false or incorrect or that if at any time this is found to be have been concealed, I will be disqualified for selection or if appointed, will be liable to termination without any notice or compensation.</p> <p>B. I certify that I have read the employment notice carefully.</p>	
Date & Place	Candidate's signature

CERTIFICATE FROM PERSONNEL OFFICE (For in service candidates only)

1. The entries relating to the details of service mentioned by Dr. /Sh. /Smt ./Km.
..... are correct.
2. There are no circumstances rendering him/her unsuitable for appointment to the post applied for.
3. There is no vigilance/disciplinary case pending/contemplated against him/her.
4. Details of the Major/Minor penalties imposed during the last ten years, if any are enclosed.
5. Certified that the work and conduct of Dr. /Sh. /Smt ./Kmis
satisfactory for the last 5 years.

Office file reference No.:.....

Date:.....

Signature:.....

Name:

.....

Designation of forwarding officer with office seal

Phone No.:.....

E-mail I.D.:.....

Score Card for direct Selection to Associate Professor and Professor

Annexure-I

Selection Criteria: Weightage of score card and interview marks for direct recruitment to Associate Professor and Professor in DUVASU, MATHURA

Sl. No	Rank	Score Card Marks	Interview Marks	Total
1.	Associate Professor	80	20	100
2.	Professor	80	20	100

Summary Score card for Associate Professor & Professor

Criteria		Associate Professor		Professor	
		Marks allocated	Overall marks (Max.)	Marks allocated	Overall marks (Max.)
1	Academic Qualifications				
1.1	Academic Performance	8	15	4	10
1.2	Position in the University	2		2	
1.3	Ph. D Thesis Award	2		2	
1.4	Post-Doctoral Fellowships and other Qualifications	3		2	
2	Experience in professional field				
2.1	Essential Qualification	No marks	10	No marks	10
2.2	Experience above the prescribed qualifications	4		3	
2.3	Trainings	5		5	
2.4	Team work	1		2	
3	Recognitions & Awards/Special Attainments				
3.1	Recognitions & Awards	3	5	5	7
3.2	Special Attainments	2		2	
4	Discoveries, Inventions and Innovations		5		13
5	Teaching/Research/Extension				
5.1	Major Function: Teaching/Research/Extension	20	30	16	25
5.2	Minor Function: Teaching/Research/Extension	5		4	
5.3	Externally Funded Projects	5		5	

6	Publications				
6.1.1	Publications (Refereed Journals)	20	25	22	25
6.1.2	Other Publications	5		3	
7	Institute Building/Service Functions		10		10
	GRAND TOTAL		100		100

Score Card Guidelines for the Post of Associate Professors

Attributes/Accomplishments/Contributions/Performance Indicator and Distribution of Score/Marks

1. Academic Qualification. Maximum 15 marks

1.1 Academic Performance. Maximum 8 marks

Distribution of marks for each of the academic achievements would be as follows:

- From 60% and up to 70% marks or 6 to 7 OGPA on the scale of 10 or equivalent at 10+2 and B Graduate, Master's, Ph.D. degrees. **(0.5 marks each)**
- >70% and up to 80% marks or 7 to 8 OGPA on the scale of 10 or equivalent for 10+2 and Graduate, Master's, Ph.D. degrees. **(0.75 marks each)**
- >80% marks or more than 8 OGPA on the scale of 10 or equivalent for 10+2 and Graduate, Master's, Ph.D. degrees. **(1 mark each)**
- National Talent Search Scholarship/INSPIRE or other Scholarship as defined by the Council/ASRB **(1 mark)**
- Merit Scholarship at the Graduate level **(1 mark)**
- JRF at the Master's Level/Merit scholarship in the ICAR DUs **(1 mark)**
- SRF of ICAR or JRF of CSIR/UGC at the Ph.D. level or other national level fellowships, GATE qualified **(1 mark)**

P.S.: Aggregate score for attributes covered under item No. 1.1 is limited to 8 marks only.

1.2 Position in the University. Maximum 2 marks

- Grant 1 mark each for First Position/Gold Medal in the University/ IITs/NITs/Institutes of National Importance at the Graduate, Master's and Ph.D. degrees. (Except faculty/ college/ department Gold medal). **(Maximum 2 marks)**

1.3 Ph.D. Thesis Award. Maximum 2 marks

- Grant 2 marks for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.
- Grant 1 mark for the Best Doctoral Thesis Award given by National/ International level Academic Bodies/ Institutions /Universities. **(Maximum 2 marks (item no. 1.3))**

1.4 Post-Doctoral Fellowships and other Qualifications. Maximum 3 marks

- Grant 3 marks for each Fellowships, which are competitive and are awarded by International Institutions, like Fulbright/Humboldt/DAAD/FAO/ CGIAR/EU/ Overseas Universities.
- Grant marks as explained below for each Fellowships awarded by National Institutions like DBT/ DST/ Boysscast/ CSIR/ ICAR/ UGC/ MHRD/ INSA:
 - 1.5 marks for fellowship of 3 to < 6 months' duration
 - 2 marks for fellowship of ≥6-months' duration
- Grant 1 mark each, for PG diploma in Management/Computer Application or MBA or any other Diploma/Degree relevant to the post.

(Maximum 3 marks (item No. 1.4))

PS: Aggregate score for attributes covered under item No. 1 is limited to 10 marks only.

2. Experience in Professional Field. Maximum 10 marks

2.1 Essential Qualification.

No marks to be awarded

a) For Veterinary Science:

- Recognized Veterinary qualification included of the First And Second Schedule in Indian Veterinary

Council Act; 1984 & must be registered with a State Veterinary Council/Veterinary Council of India.

- B.V.Sc. & A.H. with at least 55% marks or its equivalent grade in the point scale.
- Master degree in the concerned subject with at least 55% marks or its equivalent grade in the point scale.
- Ph.D. in the concerned subject.
- Eight years' experience in relevant subject as a Scientist /Assistant Professor/ Lecturer/ Extension specialist in educational or research institute excluding the leave period for doing Ph.D.

Desirable: Specialization (to be defined).

Note: Specialization (to be defined) could be made part of essential qualifications as per job requirements, if deemed necessary.

2.2 Experience over and above the prescribed essential years stipulated as minimum qualifications. Maximum 4 marks

Award 1 mark for each year of service experience over and above the prescribed period required for a particular post. Maximum 4 marks

2.3 Trainings. Maximum 5 marks

Specify trainings undergone outside the institute/university in the field of specialization with the subject of Training and name of the Training Institute/Organization. Award of marks would be as per conditions described below:

- Award 1 mark for each training of 10-20 days' duration
- Award 2 marks for each training of >20 days and up to 90 days' duration
- Award 3 marks for each training of >90days' duration

Note: The Fellowship/Training included under item No. 1.4 above and FOCARS would not be considered under this criterion (**Maximum 5 marks (item No. 2.3)**)

2.4 Team work promoting inter-disciplinary/ inter-institutional approach. Maximum 1 mark

Team work promoting inter-disciplinary/inter-institutional approach introduced and as evidenced by joint publications/ patents/ designs/ copyrights/technologies commercialized/ protected/ entrepreneurial models developed involving scientists across disciplines or institutes.

- Award 0.5 marks for each inter-disciplinary/inter-institutional programme/ project developed and implemented. (**Maximum 1 mark**)

PS. Aggregate score for all attributes covered under item No. 2 is limited to 10 marks only.

3. Recognitions & Awards/Special Attainments. Maximum 5 marks

3.1 Recognitions and Awards. Maximum 3 marks

- Award 2 marks for each National/International Awards/Recognitions such as those conferred by the National Organizations like the ICAR, CSIR, DBT, DST, Government of India, International Bodies of repute like FAO, UN, CG Centres and Recognized National Science/Engineering Academies (**Maximum 2 marks**)
- Grant 0.5 marks each for National/International Institutes/ Universities/ State Governments/ Registered Professional Societies' Awards, excluding those mentioned above. (**Maximum 2 marks**)
- Award 2 marks each for Associate-ship of recognized National/ International Science Academies. (**Maximum 2 marks**)
- Award 1 mark each for Young Scientist Award/Medal of National Science Academies as above/ISCA/ICAR/CSIR/UGC/DST/DBT or Equivalent International Awards/Medal (**Maximum 2 marks**)

PS. Aggregate score for all attributes covered under item No. 3.1 is limited to 3 marks only

3.2 Special attainments. Maximum 2 marks

- Award 1 mark for each recognition as Member-Secretary of Scientific Committees Maximum 2 marks
- Award 1 mark for each recognition such as member of Task Force and other Policy Making Bodies/Committees of National/State/Member of Official Delegation Abroad/Editor of NAAS-

rated Journals. Maximum 1 mark

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- Award 1 mark for each Best Paper/Poster presented in a Symposium/Conference/published in a Scientific Journal. Maximum 2 marks
- Award 1 mark each for minimum two weeks' experience of working/training* in an International Organization/Laboratory other than post-doctoral fellowship or participation in an International Conference/Symposia outside the country.

(*Out-country period spent for earning M.V.Sc. /Ph.D. degree or gaining Post- Doctoral experience will not qualify for award of marks in this category.) **(Maximum 2 marks)**

PS. Aggregate score for all items covered under item 3.2 is limited to 2 marks only

4. Discoveries, Inventions and Innovations. Maximum 5 marks

New discoveries and development of varieties/breeds/technologies/ innovations and grant of patents/copyrights having documented impact at the field level. Also, new traits identified/genes isolated/ germplasm registered/breeder seed produced/policy instrument scripted/new theory defined will qualify for grant of marks

4.1 Development of Variety & Coverage Area

Award 4 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.

4.2 Development of Animal Strain/Variety

Development of Animal Strain/Variety & Impact at the Field Level. Award 4 marks for each animal strain/variety developed and released at the National or State level by a duly constituted body of the Central Government or State Department of Animal Husbandry/ Fisheries.

4.3 Development of Technologies/Package of Practices

Development of Technologies/Package of Practices & Impact at the Field Level. Award 2 marks for each Product, Process, Package of Practices, developed and transferred to the farmers with the extent of coverage and machinery developed, licensed and commercialized.

4.4 Patents/Copy Rights and Commercialization

Award 2 marks for each approved Patent/Copyright with commercialization and 1 mark for each approved Patent/Copyright without commercialization.

4.5 Discoveries/Inventions

Discovery/Invention made & Impact at the Field Level. Award 3 marks for each new Discovery/Invention made as supported by a publication in peer reviewed journal (NAAS rating at least 16).

4.6 New Traits/Genes Identified

New Traits/Genes Identified which have Economic Significance. Award 2 marks for each new trait identified or new gene isolated or new crop germplasm/animal breed registered.

4.7 Policy Papers/Policy Briefs

Policy Papers/Policy Briefs developed under the aegis of National or (e.g., ICAR/DST/DBT etc.) or International (e.g., FAO, World Bank, CG Centres etc.) Organizations/National Academies (like NAAS, INSA) or New Extension Models developed and implemented: Award 1 mark for each such achievement.

4.8 Information Technology/ Statistical Methodologies

Database/Software Package/Portal/Mobile Apps/ DSS/ Algorithm/ Analytical Model/Statistical Methodologies and other IT tools developed in-house as evident from use. Award 2 marks each for multi- institutional/national/international databases/software/methodology and award 1 mark for each institute/university level database/software/ methodology.

4.9 Value Chain/ Model Villages

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.

4.10 Innovative Extension Methodologies

Innovative Extension Methodologies or Approaches/Farmer Field Schools/Farmer Interest Groups established and documentation of success stories: Award 1 mark for each such activity.

Note: Only well documented impact on ground level would be considered for awarding marks under each of these categories.

PS. Aggregate score for achievements covered under item No. 4 is limited to 5 marks only

5. Teaching/Research/Extension Education. Maximum 30 Marks

Specify contributions in Teaching/Research/Extension Education/ Fund Raising functions

Select one Major area and one Minor area of work/fund raising activities:

Area of work	Major /Minor Areas of Function	Marks
5.1 Teaching/ Research/ Extension	Major function	20
5.2 Teaching/ Research/ Extension	Minor Function	5
5.3 Funds Raised	Externally Funded Projects	5

Candidates devoting more than 75% of time on an activity would be considered as Major Function, and devoting less than 25% of time on an activity would be considered as Minor Function. Distribution of marks for each of the Major, Minor and fund raising activities would be as follows:

5.1 Teaching as Major Function. Maximum 20 marks

5.1.1 Teaching: For teaching as the Major Function, the candidate must have taught courses with a total 10 credit hour load during each academic year, whereas for Minor Function, the candidate must have undertaken 3 credit hour teaching load/academic years. Award 2 marks for each year of teaching as specified herein. **(Maximum 8 marks)**

5.1.2 Research Guidance: Guidance provided for M.V.Sc./ Ph.D. dissertation. As Major Advisor award 1 mark for each Ph.D. student guided and 0.5 marks for each M.V.Sc. student guided (marks to be awarded only for students who have completed their degree programmes). **Maximum 2 marks)**

5.1.3 Capacity building training programmes: Organized Summer School/Winter School/Other Trainings (minimum 3 weeks) as Course Director or conducted Outreach Programmes as Leader or developed and delivered Customized Training Programmes (minimum 10 days) as Principal Organizer: Award 1 mark for each activity. **(Maximum 2marks)**

5.1.4 Student's Performance: Success of students (for whom the candidate served as Major Advisor/Guide) in terms of recognition for National/International Awards, e.g. Jawaharlal Nehru Award of the ICAR and/or qualifying ARS examination or Award of Overseas Fellowship to students: Award 2 marks for each ICAR Award and 1 mark for the Best Thesis Award at the University-level or other categories of recognition. **(Maximum 2marks)**

5.1.5 Lectures Delivered: Resource person in Summer or Winter Schools, Refresher Courses, Symposia, Conference etc.: Award 0.5 marks for each 5 subject matter lectures delivered as Resource Person in Summer/Winter Schools, Refresher Courses, Training Program or delivered an invited lecture in a Symposium/Conference.

Note: Marks will be awarded only, if presentations have been published in the compendium constituting course training material or in Symposium/Conference Proceedings. **(Maximum 2 marks)**

5.1.6 Seminars Organized: Award 1 mark each for organizing a Seminar/Symposium/ Workshop as Organizing Secretary/Committee Chairman. **(Maximum 2 marks)**

5.1.7 Innovation in teaching: Development of e-course, Modules, Teaching Model, Case Studies. Award 1 mark for each contribution. (Maximum 2 marks)

5.1.8 External Examiner-ship: Acted as (i) External Examiner for Graduate and Master's Degree Programmes, (ii) External Thesis Evaluator/viva-voce Examiner and (iii) Paper-Setter for Master's Degree Programme for Universities and Boards. 0.25 mark for each activity. (Maximum 2 marks)

PS. Aggregate score for all attributes covered under item No. 5.1 above (Teaching as Major Function) is limited to 20 marks only.

OR

5.1 Research as Major Function. Maximum 20 marks

5.1.1 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.

- Award 4 marks for PI, 3 marks for Co-PI/Associate for each Project completed. The candidates working in AICRP/Network Projects/Long-Term Projects (minimum of 5 years' duration) marks will be awarded for each two years completed.
- For Research Projects of less than 2 years' duration/Contract Research Project/Consultancy Project, award 2 marks for PI, 1 mark for Co-PI/Associate.
- Award 1 mark for PI and 0.5 marks for the Co-PI/Associate for the Studies of 6 months to 1 year duration.

5.1.2 Research Guidance: Guidance provided for M.V.Sc./Ph.D. dissertation. As Major Advisor award 1 mark for each Ph.D. student guided and 0.5 marks for each M.V.Sc. student guided (marks to be granted only for students who have completed degree programme). *

*The component should not be counted twice both in Teaching and Research as Major Function. (Maximum 2 marks)

PS. Aggregate score for all items covered under item 5.1 above (Research as Major Function) is limited to 20 marks only.

OR

5.1 Extension Education as Major Function Maximum 16 marks

5.1.1 Technology application, demonstration and adoption. Maximum 8 marks

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

- Involvement in technology application programs through technology assessment and refinement/On-farm testing: Award 0.5 marks for Project Leader/Nodal Officer and 0.25 mark for Associate per project.
- Frontline demonstrations conducted: Award 0.5 marks for Project Leader/Nodal Officer and 0.25 marks for Associate for each technology demonstrated with adoption.
- Participatory Rural Appraisal (PRA), Participatory Technology Development (PTD), Yield Gap Analysis and Impact Assessment, involvement in technology identification, Farming System Research and Extension, Development of technology, Inventory and feedback support: Award 0.5 marks for Project Leader/Nodal Officer and 0.25 marks for Associate for each activity

Maximum 8 marks (item No. 5.1.1)

5.1.2 Extension approaches for technology dissemination. Maximum 7 marks

Marks will be awarded for those functions that are confirmed by successful outcome.

- Organization or Coordination of Interface meetings, Farmers Fair/ technology week and exhibition: 0.50 mark for each activity
- Organization or Coordination of demonstrations, National Days/weeks and Field Day: 0.25 mark for each activity.
- Award 0.25 marks for every 3 field visits under the National Programmes like Mera Gaun Mera

- Award 0.5 marks for every 500 soil sample collected and Soil Health Cards distributed.
- Delivering TV & Radio talks, Press Release, organize Exposure Visits; participation in Interface meetings/Exhibition: 0.25 mark for each activity.
- Formation of Formal Village Organizations/Farmer Field School or establishment of Farmers' Producer /Commodity/Interest Groups/ Self Help Groups: 1 mark for each group developed.

Maximum 7 marks (item No. 5.1.2)

5.1.3 Capacity Development. Maximum 6 marks

As evidenced by a documentary proof, 1 mark would be awarded for each activity covering the following capacity building programmes:

- Award 1 mark for each Training programme organized as Coordinator
- Award 1 mark each for delivery of 10 lectures in training programmes for which Compendium/Training Manual is published.

Note: Do not include the training programs covered under any other head/attribute. Award 0.5 marks for each 5 Demonstrations laid out and constraints analyzed and solutions suggested for general improvement. Maximum 6 marks (item No. 5.1.3)

PS. Aggregate score for all attributes covered under Item No. 5.1 above (Extension Education as Major Function) is limited to 20 marks only.

5.2 Minor Function details (Teaching/Research/Extension Education as Minor Function). Maximum 5 marks

For any of the Teaching, Research or Extension Education as the Minor Function the award of marks will be granted as narrated and distributed for Major Function. But the aggregate for minor functions will be multiplied by 0.25 to arrive at the marks for the Minor Function. Maximum 5 marks.

5.3 Externally Funded Projects. Maximum 5 marks

For securing funds through competitive/research grant: Only those projects granted by the external sources would be considered for marking. Projects will be awarded marks as outlined below (proof necessary):

- From Rs. 2 lakhs and up to Rs 10 lakhs: grant 1 mark for PI and 0.5 marks for Co-PI/Project Associate for each project
- >Rs.10 lakhs and upto Rs.25 lakhs: grant 2 marks for PI and 1 mark for Co-PI/Project Associate for each project
- >Rs.25 lakhs: grant 3 marks for PI and 1.5 marks for Co-PI/Project Associate for each project.

Maximum 5 marks

PS: Aggregate score for all items covered under 5.1(Teaching or Research or Extension Education as Major Function), 5.2 and 5.3 is limited to 30 marks only.

6. Publications: Maximum 25 marks

6.1 Applicable to Scientists other than Social Scientists. Maximum 25 marks

6.1.1 Publications (Refereed Journals). Maximum 20 mark

- An candidate must identify 10 best research papers published in refereed journals for allocation of

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score according to the current NAAS journal rating (latest). The sum total of the NAAS score for 10 publications will be multiplied by 0.33 to obtain marks.

- For journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), candidate can indicate score as 6 + International Impact Factor (Thomson Reuters).
- For research publications, where NAAS journal rating/ International Impact Factor (Thomson Reuters) is not available, award 0.6 marks for each publication.

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

PS. Aggregate score for all publications covered under item No. 6.1.1 is limited to 20 marks only

6.1.2 Other Publications. Maximum 5 marks

- Books/Practical Manual/Training Manual - Authored/Edited: For each publication award 2 marks to first author and 1.5 marks to co-authors.
- Book Chapters qualify for marking. Award 1 mark for each publication.
- Popular Articles/Bulletins/Short Communications: Award 0.5 marks for each publication.

PS. Aggregate score for all publications covered under item No. 6.1.2 is limited to 5 Marks only.

OR

6.1 Applicable to Social Scientists and Scientists working in KVKs. Maximum 25 marks

6.1.1 Publications (Refereed Journals). Maximum 14 marks

- An candidate must identify 10 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 10 publications will be multiplied by 0.24 to obtain marks.
- For journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), candidate can indicate score as 6 + Impact Factor (Thomson Reuters).
- For research publications, where NAAS journal rating/International Impact Factor (Thomson Reuters) is not available, award 0.6 marks for each publication.

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

PS. Aggregate score for all publications covered under item No. 6.1.1 is limited to 14 Marks only

6.1.2 Other Publications. Maximum 11 marks

- Books/Practical Manual/Training Manual - Authored/Edited: For each publication award 2 marks to first author and 1.5 marks to co-authors. Maximum 3 marks
- Book Chapters qualify for marking. Award 1 mark for each publication. Maximum 2 marks
- Popular Articles/Bulletins/KVK Newsletter/Short Communications: Award 0.5 marks for each publication. Maximum 2 marks
- Popular Articles/Bulletins/KVK Newsletter/Short Communications: Award 0.5 marks for each publication. Maximum 2 marks
- Electronic Media coverage, articles published in Newspapers and Magazines qualify for marking. For each relayed or published article award 0.25 marks. Maximum 2 marks
- Extension Bulletins qualify for making. For each Bulletin award 0.25 marks. Maximum 2 marks
- IT material for Technology Transfer or Human Resource Development will qualify for marking. Award 1 mark for each material developed. Maximum 2 marks.

P.S.: Aggregate score for publications covered under item No. 6.1.2 is limited to 11 marks.

7. Institute Building/Service Functions. Maximum 10 marks**7.1 Activities at the Institute/University/Council Level. Maximum 4 marks**

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

7.1.1 Institute Building Activities. Maximum 4 marks

Development/ upgrading of laboratory facility or equipment/farm facility/farm machinery/sports facility/hostel facility/museum /communication /examination/technology window/guest house/any other facility having measurable impact as evident from its use. Award 1 mark for each activity.

Note: Each facility/equipment developed/upgraded should cost not less than Rs.10 lakhs.

Maximum 4 marks

7.2 Service Functions: Maximum 6 marks

Service provided for the following miscellaneous tasks by the candidate qualify for award of marks. Award 1 mark for each contribution.

- Compilation of Institute Annual Reports/Institute publications (editor/sub-editor).
- Duties performed for at least one year or more as Warden, Library I/c, Student Welfare Officer, CPIO/PIO/AA, TVC, Animal House In-charge, Farm In-charge, Common Instruments Lab In-charge Central Computer Lab/ARIS/AKMU, Assistance, PME Cell, ATIC, BPD, In-charge of any activity assigned by the Controlling Officer.
- Field Surveys including Sea Exploration, Biodiversity and Aquatic/Soil Resources.
- In-charge production and distribution of seeds/culture/planting materials/diagnostic services/store purchase/ maintenance of farms each at least for one year.
- Coordination of Institute level activities like Flagship Programmes of Government of India, NAHEP, MGMG, SAGY, TSP, Skill Development, NEH Programmes, representing the Institute-level Committees, Annual Events, Alumni Activities

Maximum 6 marks

PS: Aggregate of all items covered under item No. 7 is limited to 10 marks only.

Grand Total 100 marks

Score Card Guidelines for the Post of Professors**1. Academic Qualification. Maximum 10 marks****1.1 Academic Performance. Maximum 4 marks**

Distribution of marks for each academic achievement would be as follows:

- Award 1 mark for >80% marks or more than 8.0 OGPA on a scale of 10 or equivalent for all 10+2, Graduate, Master's and Ph.D. degree programmes **Maximum 1 mark each**
- Award 1 mark for National Talent Search Scholarship/INSPIRE or other scholarship defined by the Council/ASRB **Maximum 1 mark**
- Award 1 mark for JRF at the Master's Level/Merit scholarship in ICAR Deemed to be Universities **Maximum 1 mark**
- Award 1 mark for SRF of ICAR or JRF of CSIR/UGC at the Ph.D. level or other National-level Fellowships/GATE qualified **Maximum 1 mark**

1.2 Position in the University. Maximum 2 marks

Grant 01 mark each for First Position/Gold Medal earned in the University/IITs/NITs/Institutes of National Importance at the Graduate, Master's and Ph.D. degrees. (Except faculty/ college/ department Gold medal). **Maximum 2 marks**

1.3 Ph.D. Thesis Award. Maximum 2 marks

- Grant 2 marks for the ICAR-Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis.
- Grant 1 mark for the Best Doctoral Thesis Award given by National/ International level Academic Bodies/ Institutions/ Universities

Maximum 2 marks (item No. 1.3)

1.4 Post-Doctoral Fellowships and other Qualifications. Maximum 2 marks

- Grant 3 marks for each Fellowship, which is competitive and is awarded by International Institutions, like Fulbright/ Humboldt/ DAAD/ FAO/ CGIAR/ EU/ Overseas Universities.
- Grant marks as explained below for each Fellowships awarded by National Institutions like DBT/ DST/Boyscast /CSIR/ICAR/UGC/ MHRD/INSA:
 - marks for fellowship of 3 to < 6 months' duration
 - 2 marks for fellowship of \geq 6-months' duration

Grant 1 mark each for PG diploma in Management/Computer Application or MBA or any other Diploma/Degree relevant to the post. **Maximum 2 marks (item No. 1.4)**

PS: Aggregate score for attributes covered under item No. 1.1+1.2+1.3+1.4 is limited to 10 marks only.

2. Experience in Professional Field. Maximum 10 marks

2.1 Essential Qualifications: (No marks to be awarded)

- A recognized Veterinary qualification included in the First And Second Schedule of Indian Veterinary Council Act; 1984 & must be registered with a State Veterinary Council/Veterinary Council of India.
- B.V.Sc. & A.H. with at least 55% marks or its equivalent grade in the point scale.
- Master's degree in the concerned subject with at least 55% marks or its equivalent grade in the point scale.
- Ph.D. in the concerned subject.
- A minimum of 10 years of experience of teaching / research /extension in educational or research institute of which at least 2 years should be as Associate Professor or equivalent excluding the leave period for doing Ph.D

Desirable: Specialization (to be defined)

Note: Specialization (to be defined) could be made part of essential qualifications as per job requirements, if deemed necessary.

2.2 Experience over and above the prescribed essential years stipulated as minimum qualifications. Maximum 3 marks

Award 1 mark for each year of service experience over and above the prescribed period required for a particular post.

Maximum 3 marks

2.3 Trainings. Maximum 5 marks

Specify trainings undergone outside the institute/university in the field of specialization with the subject of Training and name of the Training Institute/Organization. Award marks as per conditions described below:

- Award 1 mark for each training of 10-20 days' duration
- Award 2 marks for each training of >20 days and up to 90 days' duration
- Award 3 marks for each training of >90days' duration

Note: The Fellowship/Training included under item No. 1.4 above and FOCARS would not be considered under this criterion.

2.4 Team work promoting inter-disciplinary/ inter-institutional approach. Maximum 2 marks

Team work promoting inter-disciplinary/inter-institutional approach introduced and as evidenced by joint publications/ patents/ designs/ copyrights/technologies commercialized/protected/entrepreneurial models developed involving scientists across disciplines or institutes.

- Award 0.5 marks for each inter-disciplinary/inter-institutional programme/project developed and implemented.

Maximum 2 marks

Item No. 2.5, 2.6 and 2.7 are not included for scoring, hence no marks are assigned.

PS: Aggregate score for attributes covered under item No. 2 is limited to 10 marks only.

3. Recognitions & Awards/Special Attainments. Maximum 7 marks

3.1 Recognitions and Awards. Maximum 5 marks

- Award 4 marks for Fellowship of any one of the recognized National Academies viz., National Academy of Agricultural Sciences, National Academy of Medical Sciences, Indian Academy of Sciences, Indian National Academy of Engineering, Indian National Science Academy, National Academy of Sciences or equivalent National/ International Academies. **Maximum 4 marks**
- Award 2 marks for each National/International Awards/Recognitions such as those conferred by the National Organizations like the ICAR, CSIR, DBT, DST, Government of India, International Bodies of repute like FAO, UN, CG Centres and Recognized National Science/Engineering Academies. **Maximum 2 marks**
- Grant 0.5 marks each for National/International Institutes/ Universities/ State Governments/ Registered Professional Societies' Awards, excluding those mentioned above. **Maximum 2 marks**
- Award 1 mark each for Associate-ship of recognized National/ International Science Academies. **Maximum 1 mark**
- Award 1 mark each for Young Scientist Award/Medal of National Science Academies as above/ISCA/ICAR/CSIR/UGC/DST/DBT or Equivalent International Awards/Medal. **Maximum 1 mark**

PS. Aggregate score for all attributes covered under item No. 3.1 is limited to 5 marks only

3.2 Special attainments. Maximum 2 marks

Award 1 mark for each recognition as Member-Secretary of Scientific Committees

Maximum 1 mark

- Award 1 mark for each recognition such as member of Task Force and other Policy Making Bodies/Committees of National/State/Member of Official Delegation Abroad/Editor of NAAS-rated Journals. **Maximum 1 mark**
- Award 1 mark for each Best Paper/Poster presented in a Symposium/Conference/published in a Scientific Journal. **Maximum 1 mark**
- Award 1 mark each for minimum two weeks' experience of working/training* in an International Organization/Laboratory other than post-doctoral fellowship or participation in an International Conference/Symposia outside the country.

(*Out-country period spent for earning M.V.Sc./Ph.D. degree or gaining Post-Doctoral experience will not qualify for award of marks in this category.) **Maximum 2 marks**

PS. Aggregate score for all items covered under item No. 3.2 is limited to 2 marks only

4. Discoveries, Inventions and Innovations. Maximum 13 marks

New discoveries and development of varieties/breeds/technologies/ innovations and grant of

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patents/copyrights having documented impact at the field level. Also, new traits identified/genes isolated/ germplasm registered/breeder seed produced/policy instrument scripted/new theory defined will qualify for grant of marks.

4.1 Development of Variety & Coverage Area

Award 4 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.

4.2 Development of Animal Strain/Variety

Development of Animal Strain/Variety & Impact at the Field Level. Award 4 marks for each animal strain/variety developed and released at the National or State level by a duly constituted body of the Central Government or State Department of Animal Husbandry/ Fisheries.

4.3 Development of Technologies/Package of Practices

Development of Technologies/Package of Practices & Impact at the Field Level. Award 2 marks for each Product, Process, Package of Practices, developed and transferred to the farmers with the extent of coverage and machinery developed, licensed and commercialized.

4.4 Patents/Copy Rights and Commercialization

Award 2 marks for each approved Patent/Copyright with commercialization and 1 mark for each approved Patent/Copyright without commercialization.

4.5 Discoveries/Inventions

Discovery/Invention made & Impact at the Field Level. Award 3 marks for each new Discovery/Invention made as supported by a publication in peer reviewed journal (NAAS rating at least 16).

4.6 New Traits/Genes Identified

New Traits/Genes Identified which have Economic Significance. Award 2 marks for each new trait identified or new gene isolated or new crop germplasm/animal breed registered.

4.7 Policy Papers/Policy Briefs

Policy Papers/Policy Briefs developed under the aegis of National or (e.g., ICAR/DST/DBT etc.) or International (e.g., FAO, World Bank, CG Centres etc.) Organizations/National Academies (like NAAS, INSA) or New Extension Models developed and implemented: Award 1 mark for each such achievement.

4.8 Information Technology/ Statistical Methodologies

Database/SoftwarePackage/Portal/Mobile Apps/ DSS/ Algorithm/ Analytical Model/Statistical Methodologies and other IT tools developed in-house as evident from use. Award 2 marks each for multi-institutional/national/international databases/ software/ methodology and award 1 mark for each institute/university level database/software/ methodology.

4.9 Value Chain/ Model Villages

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.

4.10 Innovative Extension Methodologies

Innovative Extension Methodologies or Approaches/Farmer Field Schools/Farmer Interest Groups established and documentation of success stories: Award 1 mark for each such activity

PS. Aggregate score for all attributes covered under item No. 4 is limited to 13 marks

5. Teaching/Research/Extension Education. Maximum 25 Marks

Specify contributions in Teaching/Research/Extension Education/ Fund Raising functions.

Select one Major area and one Minor area of work/fund raising activities

Area of work	Major /Minor Areas of Function	Marks
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5.1 Teaching/ Research/ Extension	Major function	16
5.2 Teaching/ Research/ Extension	Minor Function	4
5.3 Funds Raised	Externally Funded Projects	5

Candidates devoting more than 75% of time on an activity would be considered as Major Function, and devoting less than 25% of time on an activity would be considered as Minor Function. Distribution of marks for each of the Major, Minor and fund raising activities would be as follows:

5.1 Teaching as Major Function. Maximum 16 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, whereas for Minor Function, the candidate must have undertaken 3 credit hour teaching load/academic years. Award 0.5 marks for each year of teaching as specified herein. **Maximum 8 marks.**

5.1.2 Research Guidance: Guidance provided for MVSc/MSc/Ph.D. dissertation. As Major Advisor award 0.5 marks for each Ph.D. student guided /0.25 marks for each MVSc/MSc student guided (marks to be awarded only for students who have completed their degree programmes) **Maximum 2 marks**

5.1.3 Capacity Building Training Programmes: Organized Summer School/Winter School/Other Trainings (minimum 3 weeks) as Course Director or conducted Outreach Programmes as Leader or developed and delivered Customized Training Programmes (minimum 10 days) as Principal Organizer: Award 1 mark for each activity. **Maximum 2marks**

5.1.4 Student's Performance: Success of students (for whom the candidate served as Major Advisor/Guide) in terms of recognition for National/International Awards, e.g. Jawaharlal Nehru Award of the ICAR and/or qualifying ARS examination or Award of Overseas Fellowship to students: Award 2 marks for each ICAR Award and 1 mark for the Best Thesis Award at the University-level or other categories of recognition. **Maximum 2 marks**

5.1.5 Lectures Delivered: Resource person in Summer or Winter Schools, Refresher Courses, Symposia, Conference etc: Award 0.5 marks for each 5 subject matter lectures delivered as Resource Person in Summer/Winter Schools, Refresher Courses, Training Program or delivered an invited lecture in a Symposium/Conference.

Note: Marks will be awarded only, if presentations have been published in the compendium constituting course training material or in Symposium/Conference Proceedings. **Maximum 2 marks**

5.1.6 Seminars Organized: Award 1 marks each for organizing a Seminar/Symposium/ Workshop as Organizing Secretary/Committee Chairman. **Maximum 2 marks**

5.1.7 Innovation in Teaching: Development of e-course, Modules, Teaching Model, Case Studies. Award 1 mark for each contribution. **Maximum 2 marks**

PS. Aggregate score for all attributes covered under item No. 5.1 above (Teaching as Major Function) is limited to 16 marks only.

OR

5.1 Research as Major Function. Maximum 16 marks

5.1.1 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:

- Award 4 marks for PI, 3 marks for Co-PI/Associate for each Project completed. The candidates working in AICRP/Network Projects/Long-Term Projects (minimum of 5 years' duration) marks will be awarded for each two years completed.
- For Research Projects of less than 2 years' duration/Contract Research Project/Consultancy Project, award 2 marks for PI, 1 mark for Co-PI/Associate.
- Award 1 mark for PI and 0.5 marks for the Co-PI/Associate for the Studies of duration from 6 months to 1 year

5.1.2 Research Guidance: Guidance provided for M.V.Sc./Ph.D. dissertation. As Major Advisor award

0.5 marks for each Ph.D. student guided/0.25 marks for each M.V.Sc. student guided (marks to be granted only for students who have completed degree programme). *

*The component should not be counted twice both in Teaching and Research as Major Function.

Maximum 2 marks

PS. Aggregate score for all attributes covered under item No. 5.1 above (Research as Major Function) is limited to 16 marks only.

OR

5.1 Extension Education as Major Function. Maximum 16 marks

5.1.1 Technology application, demonstration and adoption. Maximum 8 marks

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

- Involvement in technology application programs through technology assessment and refinement/On-farm testing: **Award 0.5 marks for Project Leader/Nodal Officer and 0.25 mark for Associate per project.**
- Frontline demonstrations conducted: **Award 0.5 marks for Project Leader/Nodal Officer and 0.25 marks for Associate for each technology demonstrated with adoption.**
- Participatory Rural Appraisal (PRA), Participatory Technology Development (PTD), Yield Gap Analysis and Impact Assessment, involvement in technology identification, Farming System Research and Extension, Development of technology, Inventory and feedback support: **Award 0.5 marks for Project Leader/Nodal Officer and 0.25 marks for Associate for each activity. Maximum 8 marks (item No. 5.1.1)**

5.1.2 Extension approaches for technology dissemination. Maximum 6 marks

- Marks will be awarded for those functions that are confirmed by successful outcome.
- Organization or Coordination of interface meetings, Farmers Fair/ Technology Week and Exhibition: 0.50 marks for each activity.
- Organization or Coordination of demonstrations, National Days/Weeks and Field Day: 0.25 marks for each activity.
- Award 0.25 marks for every 3 field visits under the National Programmes like Mera Gaun Mera Gaurav (MGMG), Farmers First, etc.
- Award 0.5 marks for every 500 soil sample collected and Soil Health Card distributed.
- Delivering TV & Radio talks, Press Release, organize exposure visits; participation in interface meetings/exhibition: 0.25 marks for each activity.
- Formation of Formal Village Organizations/Farmer Field School or establishment of Farmers' Producer /Commodity/Interest Groups/ Self Help Groups: 1 mark for each group developed.

Maximum 6 marks (item No. 5.1.2)

5.1.3 Capacity Development.

Maximum 4 marks

As evidenced by a documentary proof, marks would be awarded for each of the following capacity building activities.

- Award 0.5 marks for each Training Programme organized as Coordinator
- Award 1 mark each for delivery of 10 lectures in training programmes for which Compendium/Training Manual is published

Note: Do not include the training programs covered under any other head/attribute. **Maximum 4 marks (item No. 5.1.3)**

PS. Aggregate score for all attributes covered under Item No. 5.1 above (Extension Education as Major Function) is limited to 16 marks only

5.2 Minor Function details (Teaching/Research/Extension Education as Minor Function).

Maximum 4 marks

For any of the Teaching, Research or Extension Education as the Minor Function the award of marks will be granted as narrated and distributed for Major Function. But the aggregate for minor functions will be multiplied by 0.25 to arrive at the marks for the Minor Function. **Maximum 4 marks**

5.3 Externally Funded Projects Maximum 5 marks

For securing funds through competitive/research grant: Only those projects granted by the external sources would be considered for marking. Projects will be awarded marks as outlined below (proof necessary):

- More than Rs.3 lakhs and up to Rs.10 lakhs: 1 mark for PI and 0.5 marks for Co-PI/Project Associate for each Project
- >Rs.10lakhs and uptoRs.25 lakhs:2 marks for PI and 1 mark for Co- PI/Project Associate for each Project
- >Rs.25lakhs and up to Rs.50 lakhs: 3 marks for PI and 1.5 marks for Co-PI/Project Associate for each Project
- >Rs.50 lakhs: 4 marks for PI and 2 marks for Co-PI/Project Associate for each Project

Maximum 5 marks (item No. 5.3)

PS: Aggregate score for all items covered under 5.1(Teaching or Research or Extension Education as Major Function), 5.2 and 5.3 is limited to 25 marks only.

6. Publications. Maximum 25 marks

6.1 Applicable to Scientists other than Social Scientists. Maximum 25 marks

6.1.1 Publications (Refereed Journals).

Maximum 22 marks

- An candidate must identify 16 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 16 publications will be multiplied by 0.20 to obtain marks.
- For journals not covered by NAAS, but having International Impact Factor (Thomson Reuters), candidate can indicate score as 6 + Impact Factor (Thomson Reuters).
- For research publications, where NAAS journal rating/ International Impact Factor (Thomson Reuters) is not available, award 0.4 marks for each publication.

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

PS. Aggregate score for all publications covered under item No. 6.1.1 above is limited to 22 marks only.

6.1.2

- Books/Monographs of minimum 100 pages published - Authored/ Edited. Award 2 marks for each publication, if first author/editor or award 1 marks for other authors.
- Practical Manual/Training Manual - Authored/Edited. Award 1 mark for each publication.
- Book Chapters published. Award 1 mark for each publication.

Popular articles/ Bulletins /KVK Newsletter/ Pamphlets/ Leaflets/Short Communications: Award 0.5 marks for each publication

PS. Aggregate score for all publications covered under item No. 6.1.2 above is limited to 3 Marks only

OR

6.1 Applicable to Social Scientists and Scientists working in KVKs. Maximum 25 marks

6.1.1 Publications (Refereed Journals).**Maximum 15 marks**

- An candidate must identify 12 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 12 publications will be multiplied by 0.21 to obtain marks.
- For journals not covered by NAAS, but having international impact factor (Thomson Reuters), candidate can indicate score as 6 + Impact Factor (Thomson Reuters).
- For research publications, where NAAS journal rating/ Impact Factor (Thomson Reuters) is not available, award 0.4 marks for each publication.

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

PS. Aggregate score for all publications covered under item No. 6.1.1 above is limited to 15 marks only.

6.1.2 Other Publications. Maximum 10 marks

- Books/Monographs of minimum 100 pages published - Authored/ Edited: Award 2 marks for each publication, if first author/editor; award 1 mark for others. **Maximum 4 marks**
- Practical Manual/Training Manuals: Award 1 mark for each publication. **Maximum 2 marks**
- Book Chapters published: Award 1 mark for each publication. **Maximum 2 marks**
- Popular articles/Bulletins/KVK Newsletter/Pamphlets/Leaflets/ Short Communications: Award 0.5 marks for each publication.. **Maximum 2 marks**

Electronic Media coverage, articles published in Newspapers and Magazines qualify for marking. For each relayed or published article award 0.25 marks. **Maximum 1 mark**

- Electronic Media Coverage, articles published in News Papers and Magazines: Award 0.25 marks for each relayed talk or published article. **Maximum 1 mark**
- Extension Bulletins: Award 0.25 mark for each Bulletin. **Maximum 1 mark**
- IT material for Technology Transfer or Human Resource Development will qualify for marking. Award 1 mark for each material developed. **Maximum 1 mark**
- Papers published on Policy issues: Award 0.5 marks each. **Maximum 4 marks**

P.S.: Aggregate score for all publications covered under 6.1.2 is limited to 10 marks only,

7. Institute Building/Service Functions.**Maximum 10 marks****7.1 Activities at the College/University/ Institute/Council Level. Maximum 4 marks**

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

7.1.1 Institute Building Activities.**Maximum 4 marks**

Development/ upgrading of laboratory facility or equipment/farm facility/farm machinery/sports facility/hostel facility/ museum/communication /examination/technology window/guest house/any other facility having measurable impact as evident from its use. Award 1 mark for each activity.

Note: Each facility/equipment developed/upgraded should cost not less than Rs.10 lakhs. **Maximum 4 marks**

7.2 Service Functions.**Maximum 6 marks**

Service provided for the following miscellaneous tasks by the candidate qualify for award of marks. Award 0.50 marks for each contribution.

- Compilation of Institute Annual Reports/Institute Publications (editor/sub-editor).
- Duties performed for at least one year or more as Warden, Library In-charge, Student Welfare Officer, CPIO/PIO/AA, Animal House In-charge, Farm In-charge, TVC In-charge, Common Instruments Lab In-charge, In-charge of Central Computer Lab/ARIS/AKMU, Assistance provided to PME Cell, ATIC, BPD, In-charge of any activity assigned by the Controlling Officer.

- Field Surveys including Sea Exploration, Biodiversity and Aquatic/Soil Resources.
- In-charge production and distribution of livestock and poultry/seeds/culture/planting materials/diagnostic services/store purchase/ maintenance of farms each at least for one year.
- Coordination of Institute-level activities like Flagship programmes of Government of India, NAHEP, MGMG, SAGY, TSP, Skill Development, NEH Programmes, representing the Institute-level Committees, Annual Events, Alumni Activities.

Maximum 6 marks

PS: Aggregate of all items covered under item No. 7 is limited to 10 marks only

Grand Total 100 marks