

RES-IV RESEARCH + TEACH

PROFORMA FOR CONSIDERING CASES UNDER THE CAREER ADVANCEMENT SCHEME SR. SCIENTIST FROM THE RESEARCH GRADE PAY OF 9000 TO 10000

EVALUATION OF SCIENTIST ENGAGED IN RESEARCH + TEACH

Whether Assessed Earlier: Yes or No

If Yes, Date of Assessment by DPC: _____

Assessment Period: From _____ To _____

Please send 6 copies of dulyfilled-in proforma

NAME OF THE INSTITUTE _____

1. Name : _____
2. Designation : _____
3. Discipline : _____
4. Division/Section : _____
5. Date of Birth : _____
6. Date of award of degree : M. Phil _____
Ph.D. : _____
7. Date of joining the ICAR : _____
8. Date of joining the Institute : _____
9. Date of joining in the post of Sr. Scientist
in the grade pay of Rs. 9000 : _____
10. Date of completion of 3 years
in the grade pay of Rs. 9000 : _____

11(A) **Highlight Your Significant Contributions;**
Project-wise, in not exceeding two pages: _____

11(B) Tabular Summary of Scientific Achievements*
(READ CAREFULLY THE GUIDELINES BEFORE FURNISHING DETAILS BELOW)

	Partl. Evaluation of Senior Scientist (RGP 9000) who is mainly involved in Research & Teaching)	Duration of Contribution			Marks	
		1 st year	2 nd year	3 rd year	Max	
A	Assessment period 3 years				40	
	SCIENTIST'S ACHIEVEMENTS IN RESEARCH				20	
A01	<ul style="list-style-type: none"> Institute projects. 3.0 marks for PI, 1.5 marks for Co-PI for every completed year (Max 8 marks) External projects of minimum 10 lakh per project: 3.0 marks for PI, 1.5 marks for Co-PI for every completed year. 				10	
A02	<p>Innovative technologies developed, participatory technology developed, 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 & any other relevant output.: 4 marks for PI, 3 marks for Co-PI for each output</p> <ul style="list-style-type: none"> Patents: For PI and Co-PI, for each patent granted 2 marks; for technology commercialized/popularized(without patent) 3 marks and for patent granted and commercialized/popularized: 5 marks 				7	
	<p>Technology spread and impact across the system</p> <ul style="list-style-type: none"> The variety released entered into seed chain 3 marks 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.) 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) Adoption of concept /methodology /product by research and academic members across NARS/ CGIAR/ international research and academic bodies, accreditation received etc. Max 3 marks (for research papers evidence in the form of H index 3 i.e. minimum of 3 number of papers published during the preceding 8 years with each paper cited 3 times is considered) Note: Paper published out of M.Sc. 				3	

	and Ph.D. work will not be considered.					
	Capacity building / monitoring/ evaluation / reporting and institution building					
A03	<ul style="list-style-type: none"> • Innovation in educational/teaching technology and methodology practiced, evaluated and integrated in the system. (0.5 marks each) Max. 2 marks • Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/ cases etc. (0.5 marks each) Max 2 marks • Customized instruction materials, ready reckoners, research monographs, advisories , simulation model/ programmes etc. developed in relation to the institutional mandate. (0.5 marks) Max 2 marks • Field day/ farmers fair, demonstration, exhibitions etc. 1 mark for each (maximum marks limited to 2.0) • Institution building (Only clearly defined major contributions as a Member Secretary RAC/ SRC / QRT /PME Cell / CPC / IPR Cell/ Technical Cell / Editors of Annual and AICRP Reports / I/c of Central Facilities like ARIS Cell / video conferencing, HRD Cell etc.) (0.5 mark per year for each assignment) (Maximum 3 Marks only) • Works related to germ plasm collection, documentation and conservation (0.5 mark for each year of involvement) Max 2 marks • Service providing activities related to production, processing and distribution of seeds and planting material, incharge of cattleyard, fish & fish seed production, hatchery etc. (0.5 mark per year for each assignment) (Maximum 3 Marks only) • Convener or co-convener or organizing/ co-organizing secretary 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 3 Marks only) • Other HRD programmes organized / coordinated / assisted as per institutional mandate. (0.5 marks for each assignment) Max 2 marks) 				5	
	TEACHING					
	SCIENTIST'S ACHIEVEMENT IN TEACHING				15	
A04	<ul style="list-style-type: none"> • Teaching. 0.5 marks for each credit hour taught {A course with credit hour 1+1 taught in a semester will score 1 				10	

	mark (course 1+1=2 credits x 0.5 marks=1 mark))					
A05	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.				3	
A06	<ul style="list-style-type: none"> Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, study tour, industrial visit, field visit arranged) 1.0 mark for each 				2	
B	PUBLICATIONS				20	
B01	Research Papers (Full score for the First Author, 0.75 score each for rest of the authors). Two best research papers published during the period of review will be allocated score according to the National Academy of Agricultural Sciences (NAAS) rating of Scientific Journals, on a scale of 1.0 to 10.0, totaled and divided by 2.0.				10	
B02	Other publications: <ul style="list-style-type: none"> 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 newsletter 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) E-publication, Technology inventory and concept series published (0.5 marks for each Max. 3 marks) 				10	
C	PEER RECOGNITION				8	
C01	<ul style="list-style-type: none"> International and National Awards / National Academy fellow: 2 marks each. Post-Doctoral Fellowships: 1 mark. Institutional or recognized professional societies award / fellowship / journal editor : 1 mark each (maximum 2 marks) Best Paper, Best Posters 0.5 marks each (maximum 1 mark). Conference prizes / medals, 0.5 each max 1.0 					
C02	<ul style="list-style-type: none"> Oral presentation in International seminars / symposia / conference/ workshops : 1 mark each (Maximum of 2 marks) 					

	<ul style="list-style-type: none"> Oral presentation in National seminars / symposia / conference/ workshops : 0.5 mark each. (Maximum of 2 marks) 					
C03	<ul style="list-style-type: none"> Special assignments (International organizations, overseas and special national assignments/ consultancies not covered anywhere else in the application: 1.0 mark for each (maximum marks limited to 2) International seminars / symposia / conference/ workshops/ attended: 0.5 mark each (Maximum of 2 marks) 					
D	ANNUAL ASSESSMENT REPORTS				12	
D01	Period of assessment: 3 years 4.0 marks for Outstanding, 3.0 marks for Very Good, 2.0 marks for Good, 1.0 marks for Average and 0.5 marks for Below Average. Grading to be awarded for each year.					
E	TOTAL				80	
	Presentation and Interview				20	
	Grand Total				100	

*Enclose supporting documents for each of the above items.

Date: _____

SIGNATURE OF THE SCIENTIST

Certificate (To be filled in by the office/institute)



- i. Verified that the information furnished by the Scientist with regard to service particulars and research achievements / publications etc. are correct.
- ii. For the assessment period (From to)
Dr. is clear from vigilance angle.
- iii. No minor / major penalty has been imposed on him / her during the said assessment period.
- iv. The work and conduct of Dr.as observed from the annual Assessment Report for the said assessment period has been found to be satisfactory.
- v. AAR grading for the assessment period are given below

Assessment Period								
Grading by the Reporting officer								
Grading by the Reviewing Officer								

- vi. Remarks of the Director of the Institute about the Research Potential of the Scientist as evidence from the SRC Proceedings/ any other document are given below:-

SIGNATURE OF THE HEAD OF THE INSTITUTE

RES IV – RESEARCH

	<p style="text-align: center;">AGRICULTURAL SCIENTISTS RECRUITMENT BOARD CAREER ADVANCEMENT OF ICAR SCIENTISTS SCIENTIST FROM RESEARCH GRADE PAY 9000 TO 10000</p>	
	Partl. Evaluation of Senior Scientist (RGP 9000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH)	Max. Score
	Assessment period 3 years	
A		40
	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20
A01	<ul style="list-style-type: none"> Institute projects. 3.0 marks for PI, 1.5 marks for Co-PI for every completed year (Max 8 marks) External projects of minimum 10 lakh per project: 3.0 marks for PI, 1.5 marks for Co-PI for every completed year. 	10
A02	<p>Innovative technologies developed, participatory technology developed, 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 & any other relevant output.: 4 marks for PI, 3 marks for Co-PI for each output</p> <p>Patents: For PI and Co-PI, for each patent granted 2 marks; for technology commercialized/popularized(without patent) 3 marks and for patent granted and commercialized/popularized: 5 marks</p>	7
	<p>Technology spread and impact across the system</p> <ul style="list-style-type: none"> The variety released entered into seed chain 3 marks 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.) 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) Adoption of concept /methodology /product by research and academic members across NARS/ CGIAR/ international research and academic bodies, accreditation received etc. Max 3 marks (for research papers evidence in the form of H index 3 i.e. minimum of 3 number of papers published during the preceding 8 years with each paper cited 3 times is considered) Note: Paper published out of M.Sc. and Ph.D. work will not be considered. 	3
	Capacity building / monitoring/ evaluation / reporting and institution building	
A03	<ul style="list-style-type: none"> Innovation in educational/teaching technology and methodology practiced, evaluated and integrated in the system. (0.5 marks each) Max. 2 marks Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/ cases etc. (0.5 marks each) Max 2 marks Customized instruction materials, ready reckoners, research monographs, advisories , simulation model/ programmes etc. developed in relation to the institutional mandate. (0.5 marks) Max 2 marks Field day/ farmers fair, demonstration, exhibitions etc. 1 mark for each (maximum marks limited to 2.0) Institution building (Only clearly defined major contributions as a Member Secretary RAC/ SRC / QRT /PME Cell / CPC / IPR Cell/ Technical Cell / Editors of Annual and AICRP Reports / I/c of Central Facilities like ARIS Cell / video conferencing, HRD Cell etc.) (0.5 mark per year for each assignment) (Maximum 3 Marks only) Works related to germ plasm collection, documentation and conservation (0.5 mark for each year of involvement) Max 2 marks Service providing activities related to production, processing and distribution of seeds 	5

	and planting material, incharge of cattleyard, fish & fish seed production, hatchery etc. (0.5 mark per year for each assignment) (Maximum 3 Marks only)	
	<ul style="list-style-type: none"> • Convener or co-convener or organizing/ co-organizing secretary 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 3 Marks only) • Other HRD programmes organized / coordinated / assisted as per institutional mandate. (0.5 marks for each assignment) Max 2 marks) 	
	TEACHING	
	SCIENTIST'S ACHIEVEMENT IN TEACHING	15
A04	<ul style="list-style-type: none"> • Teaching. 0.5 marks for each credit hour taught {A course with credit hour 1+1 taught in a semester will score 1 mark (course 1+1=2 credits x 0.5 marks=1 mark)} 	10
A05	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.	3
A06	<ul style="list-style-type: none"> • Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, study tour, industrial visit, field visit arranged) 1.0 mark for each 	2
B	PUBLICATIONS	20
B01	Research Papers (Full score for the First Author, 0.75 score each for rest of the authors). Two best research papers published during the period of review will be allocated score according to the National Academy of Agricultural Sciences (NAAS) rating of Scientific Journals, on a scale of 1.0 to 10.0, totaled and divided by 2.0.	10
B02	Other publications: <ul style="list-style-type: none"> • 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 newsletter 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) • E-publication, Technology inventory and concept series published (0.5 marks for each Max. 3 marks) 	10
C	PEER RECOGNITION	8
C01	<ul style="list-style-type: none"> • International and National Awards / National Academy fellow: 2 marks each. • Post-Doctoral Fellowships: 1 mark. • Institutional or recognized professional societies award / fellowship / journal editor : 1 mark each (maximum 2 marks) • Best Paper, Best Posters 0.5 marks each (maximum 1 mark). • Conference prizes / medals, 0.5 each max 1.0 	
C02	<ul style="list-style-type: none"> • Oral presentation in International seminars / symposia / conference/ workshops : 1 mark each (Maximum of 2 marks) • Oral presentation in National seminars / symposia / conference/ workshops : 0.5 mark each. (Maximum of 2 marks) 	
C03	<ul style="list-style-type: none"> • Special assignments (International organizations, overseas and special national assignments/ consultancies not covered anywhere else in the application: 1.0 mark for each (maximum marks limited to 2) • International seminars / symposia / conference/ workshops/ attended: 0.5 mark each (Maximum of 2 marks) 	
D	ANNUAL ASSESSMENT REPORTS	12
D01	Period of assessment: 3 years 4.0 marks for Outstanding, 3.0 marks for Very Good, 2.0 marks for Good, 1.0 marks for Average and 0.5 marks for Below Average. Grading to be awarded for each year.	
E	TOTAL	80
	Presentation and Interview	20
	Grand Total	100