Performance Evaluation System / Score Cards for Career Advancement Scheme (CAS) for ARS Scientists as per the 6th Pay Commission Pay Scales

Assessment Period	4/5/6 years*						5 years						3 years						3 years						
Criteria	RGP 6000						RGP 7000						RGP 8000						RGP 9000						
	R	R+T	AICRP	R+EXTN	NAARM	ZPD	R	R+T	AICRP	R+EXTN	NAARM	ZPD	R	R+T	AICRP	R+EXTN	NAARM	ZPD	R	R+T	AICRP	R+EXTN	NAARM	ZPD	ICARHQ
Core Activities																									
1. Research	45	25	20	20	20	20	45	25	20	20	20	20	35	20	20	20	20	20	35	20	20	20	20	20	
(i) Research Activities	20	10	10	10	10	10	20	10	10	10	10	10	15	10	10	10	10	10	15	10	10	10	10	10	
(ii) Research Output/ Technology spread & impact	25	15	10	10	10	10	25	15	10	10	10	10	20	10	10	10	10	10	20	10	10	10	10	10	--
2. Capacity building / monitoring/ evaluation / reporting and institution building	10	10	25	10	15	25	10	10	25	10	15	25	5	5	15	5	10	10	5	5	15	5	10	10	--
3. Teaching and Focars	--	20	--	--	20	--	--	20	--	--	20	--	--	15	--	--	10	--	--	15	--	--	10	--	--
4.Extn./AICRP/Activities Coordinated	--	--	10	25	--	10	--	--	10	25	--	10	--	--	5	15	--	10	--	--	5	15	--	10	45
Subtotal	55	55	55	55	55	55	55	55	55	55	55	55	40	40	40	40	40	40	40	40	40	40	40	40	45
Publication																									
i) Research Papers	20	15	10	10	10	10	20	15	10	10	10	10	15	10	10	5	10	5	15	10	10	5	10	5	5
ii) Other Publication	5	10	15	15	15	15	5	10	15	15	15	15	5	10	10	15	10	15	5	10	10	15	10	15	10
Subtotal	25	25	25	25	25	25	25	25	25	25	25	25	20	20	20	20	20	20	20	20	20	20	20	20	15
Peer Recognition	4	4	4	4	4	4	4	4	4	4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8
Annual Assessment Report (AAR)	16	16	16	16	16	16	16	16	16	16	16	16	12	12	12	12	12	12	12	12	12	12	12	12	12
Interview	--	--	--	--	--	--	--	--	--	--	--	--	20	20	20	20	20	20	20	20	20	20	20	20	20
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

*   With PhD – 4 Years; With Professional PG – 5 Years; General Science PG – 6 Years

Research

	Part I. Evaluation of Scientist (RGP 6000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH)	Max. Score	Part I. Evaluation of Scientist (RGP 7000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH)	Max. Score	Part I. Evaluation of Scientist (RGP 8000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH)	Max. Score	Part I. Evaluation of Senior Scientist (RGP 9000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH)	Max. Score
	Assessment period 4/5/6 years		Assessment period 5 years		Assessment period 3 years		Assessment period 3 years	
A	CORE ACTIVITIES	55		55		40		40
	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	45	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	45	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	35	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	35
A01	• Institute projects. 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year (Max 18 marks)** • External projects of minimum 10 lakh per project: 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year.**	20	• Institute projects. 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year (Max 18 marks)** • External projects of minimum 10 lakh per project: 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year.**	20	• Institute projects. 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year (Max 12 marks)** • External projects of minimum 10 lakh per project: 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year.**	15	• Institute projects. 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year (Max 12 marks)** • External projects of minimum 10 lakh per project: 3.**0 marks for PI, 1.5 marks for Co-PI for every completed year.**	**15**
A02	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** • 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**	25	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** Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wit hout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	25	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** • Patents:For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(with out patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	17	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** • 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**	**17**

3

				Technology spread and impact across the system • 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	**Technology spread and impact across the system** • 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	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/	10	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/	10	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/	5	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaptation trials, reporting of feedback / success stories/	**5**

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**

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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)**
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- 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**

		Marks		Marks		Marks		Marks
	only) • Other HRD programmes organized / coordinated / assisted as per institutional mandate. (0.5 marks for each assignment) **Max 2 marks)**		only) • Other HRD programmes organized / coordinated / assisted as per institutional mandate. (0.5 marks for each assignment) **Max 2 marks)**		only) • Other HRD programmes organized / coordinated / assisted as per institutional mandate. (0.5 marks for each assignment) **Max 2 marks)**		only) • Other HRD programmes organized / coordinated / assisted as per institutional mandate. (0.5 marks for each assignment) **Max 2 marks)**	
B	**PUBLICATIONS**	25	**PUBLICATIONS**	25	**PUBLICATIONS**	20	**PUBLICATIONS**	20
B01	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** Four 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**	20	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** Four 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**	20	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** Three 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.**	15	Research Papers (**Full score for the First Author, 0.75 score each for rest of the authors**). Three 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.**	15
B02	**Other publications:** • Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and newsletters edited: **0.5 marks for editor and co-editors (Max marks limited to 2)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 2)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 2)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**	5	**Other publications:** • Books authored (minimum 100 pages):1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and newsletters edited: **0.5 marks for editor and co-editors (Max marks limited to 2)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 2)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 2)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**	5	**Other publications:** • Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and newsletters edited: **0.5 marks for editor and co-editors (Max marks limited to 2)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 2)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 2)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**	5	**Other publications:** • Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and newsletters edited: **0.5 marks for editor and co-editors (Max marks limited to 2)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 2)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 2)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**	5
C	**PEER RECOGNITION**	4	**PEER RECOGNITION**	4	**PEER RECOGNITION**	8	**PEER RECOGNITION**	8
C01	• International and National Awards		• International and National Awards		• International and National Awards		• 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**		/ 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**		/ 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**		/ 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	• 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)**		• 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)**		• 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)**		• 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	• 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)**		• 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)**		• 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)**		• 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 (Any four years-best out of 5/6 years)**	16	**ANNUAL ASSESSMENT REPORTS (Any four years best out of 5 years)**	16	**ANNUAL ASSESSMENT REPORTS**	12	**ANNUAL ASSESSMENT REPORTS**	12
D01	Period of assessment: **4 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.		Period of assessment: **5 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.		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.		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.	**Presentation and Interview**	---	**Presentation and Interview**	---	**TOTAL** **Presentation and Interview**	80 20	**TOTAL** **Presentation and Interview**	80 20
	TOTAL	100	**TOTAL**	100	**Grand Total**	100	**Grand Total**	100

RESEARCH & TEACHING

	Part I. Evaluation of Scientist (RGP 6000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH & Teaching)	Max. Score	Part I. Evaluation of Scientist (RGP 7000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH & Teaching)	Max. Score	Part I. Evaluation of Scientist (RGP 8000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH & Teaching)	Max. Score	Part I. Evaluation of Senior Scientist (RGP 9000) who is mainly involved in Research (Use score card with code : CAS.SS.RESEARCH & Teaching)	Max. Score
	Assessment period 4/5/6 years		Assessment period 5 years		Assessment period 3 years		Assessment period 3 years	
A	CORE ACTIVITIES	55		55		40		40
	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	25	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	25	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20
A01	• 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	• 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	• 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	• 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	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** • 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**	15	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** • 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**	15	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** • 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	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** • 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
					Technology spread and impact across the system • The variety released entered	3	**Technology spread and impact across the system** • The variety released	3

				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.		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.	
Capacity building / monitoring/ evaluation / reporting and institution building							

A03		10		10		5		5
	• 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		• 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 /		• 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**		• 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	

	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)**		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)**		**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)**	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)**

	TEACHING							
	SCIENTIST'S ACHIEVEMENT IN TEACHING	20	SCIENTIST'S ACHIEVEMENT IN TEACHING	20	SCIENTIST'S ACHIEVEMENT IN TEACHING	15	SCIENTIST'S ACHIEVEMENT IN TEACHING	15
A04	• Teaching. 0.5 marks for each credit hour taught {A course with credit hour 1+1 taught in a semester will score 1mark (course 1+1=2 credits x 0.5 marks=1 mark)}	15	• Teaching. 0.5 marks for each credit hour taught {A course with credit hour 1+1 taught in a semester will score 1mark (course 1+1=2 credits x 0.5 marks=1 mark)}	15	• Teaching. 0.5 marks for each credit hour taught {A course with credit hour 1+1 taught in a semester will score 1mark (course 1+1=2 credits x 0.5 marks=1 mark)}	10	• 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.**	2	• 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.**	2	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	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	• Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, study tour, industrial visit, field visit arranged) **1.0 mark for each**	3	• Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, study tour, industrial visit, field visit arranged) **1.0 mark for each**	3	• Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, study tour, industrial visit, field visit arranged) **1.0 mark for each**	2	• 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	25	PUBLICATIONS	25	PUBLICATIONS	20	PUBLICATIONS	20
B01	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** Three 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**	15	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** Three 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**	15	**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	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: • 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	Other publications : • Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and 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	Other publications: • Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and 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	Other publications: • Books authored (minimum 100 pages): 1 **mark for each author. (Max marks limited to 2)** • Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 2)** • Conference Proceedings and 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**	4	**PEER RECOGNITION**	4	**PEER RECOGNITION**	8	**PEER RECOGNITION**	8
C01	• 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**		• 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**		• 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**		• 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	• 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**		• 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**		• 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**		• 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**	

	Column 1	Marks	Column 2	Marks	Column 3	Marks	Column 4	Marks
	mark each. (Maximum of 2 marks)		mark each. (Maximum of 2 marks)		mark each. (Maximum of 2 marks)		mark each. (Maximum of 2 marks)	
C03	• 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)**		• 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)**		• 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)**		• 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 (Any four years-best out of 5/6 years)**	16	**ANNUAL ASSESSMENT REPORTS (Any four years best out of 5 years)**	16	**ANNUAL ASSESSMENT REPORTS**	12	**ANNUAL ASSESSMENT REPORTS**	12
D01	Period of assessment: **4 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.		Period of assessment: **5 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.		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.		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	**TOTAL**	80
	Presentation and Interview	---	**Presentation and Interview**	---	**Presentation and Interview**	20	**Presentation and Interview**	20
	TOTAL	100	**TOTAL**	100	**Grand Total**	100	**Grand Total**	100

AICRP

	Part V. Evaluation of Scientists (RGP 6000) who are in AICRP (Use score card with code : CAS.SS. AICRP)	Max. Score	Part V. Evaluation of Scientists (RGP 7000) who are in AICRP (Use score card with code : CAS.SS. AICRP)	Max. Score	Part V. Evaluation of Scientist (RGP 8000) who are in AICRP (Use score card with code : CAS.SS. AICRP)	Max. Score	Part V. Evaluation of Senior Scientist (RGP 9000) who are in AICRP (Use score card with code : CAS.SS. AICRP)	Max. Score
	Assessment period 4/5/6 years		**Assessment period 5 years**		**Assessment period 3 years**		**Assessment period 3 years**	
	Core Activities	**55**		**55**		**40**		**40**
A	**SCIENTIST'S ACHIEVEMENTS IN RESEARCH**	**20**	**SCIENTIST'S ACHIEVEMENTS IN RESEARCH**	**20**	**SCIENTIST'S ACHIEVEMENTS IN RESEARCH**	**20**	**SCIENTIST'S ACHIEVEMENTS IN RESEARCH**	**20**
A01	• 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	• 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	• 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	• 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	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** • 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**	10	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** • 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**	10	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** • 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	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** • 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

				Technology spread and impact across the system • 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)** • Conducting/ co-coordinating and monitoring demonstration, field trials covering 300 acres across the farming system (**1 mark per 100 acre demonstration) Max 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	**Technology spread and impact across the system** • 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)** • Conducting/ co-coordinating and monitoring demonstration, field trials covering 300 acres across the farming system (**1 mark per 100 acre demonstration) Max 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

	CAPACITY BUILDING, MONITORING, E VALUATION AND REPORTING	25	**CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING**	25	**CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING**	15	**CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING**	15
A03	Organizing capacity building programmes and sensitization workshops, zonal workshops, annual review meetings and/or Interface meetings **(1 mark for each activity per year)**	5	Organizing capacity building programmes and sensitization workshops, zonal workshops, annual review meetings and/or Interface meetings **(1 mark for each activity per year)**	5	Organizing capacity building programmes and sensitization workshops, zonal workshops, annual review meetings and/or Interface meetings **(1 mark for each activity per year)**	3	Organizing capacity building programmes and sensitization workshops, zonal workshops, annual review meetings and/or Interface meetings **(1 mark for each activity per year)**	**3**
A04	Technology and methodology linkages established. Preparation of technology inventory, and methodology module. Convergence and linkages established (1 **mark**	5	Technology and methodology linkages established. Preparation of technology inventory, and methodology module. Convergence and linkages established (1 **mark**	5	Technology and methodology linkages established. Preparation of technology inventory, and methodology module. Convergence and linkages established (1 **mark**	3	Technology and methodology linkages established. Preparation of technology inventory, and methodology module. Convergence and linkages established (1 **mark**	**3**

	for each activity per year)		for each activity per year)		for each activity per year)		for each activity per year)	
A05	Monitoring of AICRP activities: Assistance in monitoring of OFT, FLD and training activities of AICRPs **(1 mark for each activity per year)**	5	Monitoring of AICRP activities: Assistance in monitoring of OFT, FLD and training activities of AICRPs **(1 mark for each activity per year)**	5	Monitoring of AICRP activities: Assistance in monitoring of OFT, FLD and training activities of AICRPs **(1 mark for each activity per year)**	3	Monitoring of AICRP activities: Assistance in monitoring of OFT, FLD and training activities of AICRPs **(1 mark for each activity per year)**	**3**
A06	Evaluation and report compilation of AICRP. Impact analysis of AICRP mandated activities. Preparation of case studies/success stories (1 **mark** for each activity per year)	5	Evaluation and report compilation of AICRP. Impact analysis of AICRP mandated activities. Preparation of case studies/success stories (1 **mark** for each activity per year)	5	Evaluation and report compilation of AICRP. Impact analysis of AICRP mandated activities. Preparation of case studies/success stories (1 **mark** for each activity per year)	3	Evaluation and report compilation of AICRP. Impact analysis of AICRP mandated activities. Preparation of case studies/success stories (1 **mark** for each activity per year)	**3**
A07	• Reporting: Preparation of zonal report, annual report, evaluation reports etc. (0.5 **mark** for each activity per year) • 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)**	5	• Reporting: Preparation of zonal report, annual report, evaluation reports etc (0.5 **mark** for each activity per year) • 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)**	5	• Reporting: Preparation of zonal report, annual report, evaluation reports etc (0.5 **mark** for each activity per year) • 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)**	3	• Reporting: Preparation of zonal report, annual report, evaluation reports etc (0.5 **mark** for each activity per year) • 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)**	**3**

	• 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)**		• 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)**		• 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)**		• 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)**	
A08	**AICRP ACTIVITIES CO-ORDINATED**	10	**AICRP ACTIVITIES CO-ORDINATED**	10	**AICRP ACTIVITIES CO-ORDINATED**	5	**AICRP ACTIVITIES CO-ORDINATED**	5
	• HRD/Training / Extension/ services organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year)** • Inter institutional HRD programmes for the benefit of AICRP organized/ coordinated/assisted as per Institute mandate **(2.0marks for each assignment per year)**		• HRD/Training / Extension/ services organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year)** • Inter institutional HRD programmes for the benefit of AICRP organized/ coordinated/assisted as per Institute mandate **(2.0marks for each assignment per year)**		• HRD/Training / Extension/ services organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year)** • Inter institutional HRD programmes for the benefit of AICRP organized/ coordinated/assisted as per Institute mandate **(2.0marks for each assignment per year)**		• HRD/Training / Extension/ services organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year)** • Inter institutional HRD programmes for the benefit of AICRP organized/ coordinated/assisted as per Institute mandate **(2.0marks for each assignment per year)**	
B	**PUBLICATIONS**	25	**PUBLICATIONS**	25	**PUBLICATIONS**	20	**PUBLICATIONS**	20
B01	**Research Papers (Full score for the First Author/ Corresponding 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	**Research Papers (Full score for the First Author/ Corresponding 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	**Research Papers (Full score for the First Author/ Corresponding 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	**Research Papers (Full score for the First Author/ Corresponding 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:** • Books authored (minimum 100 pages): 1.0 **mark for each author(Max marks limited to 2)**	15	**Other publications:** • Books authored (minimum 100 pages): 1.0 **mark for each author(Max marks limited to 2)**	15	**Other publications:** • Books authored (minimum 100 pages): 1.0 **mark for each author(Max marks limited to 2)**	10	**Other publications:** • Books authored (minimum 100 pages): 1.0 **mark for each author(Max marks limited to 2)**	10

	• Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • Editors of Annual Reports/FLD Reports (1.**0 mark for each assignment per year for each editor). Max 3 marks.** • Technical/extension bulletin, Training manual **(minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**		• Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • Editors of Annual Reports/FLD Reports (1.**0 mark for each assignment per year for each editor). Max 3 marks.** • Technical/extension bulletin, Training manual **(minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**		• Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • Editors of Annual Reports/FLD Reports (1.**0 mark for each assignment per year for each editor). Max 3 marks.** • Technical/extension bulletin, Training manual **(minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**		• Books edited (minimum 100 pages): 0.5 **mark for each editor (Max marks limited to 2)** • Editors of Annual Reports/FLD Reports (1.**0 mark for each assignment per year for each editor). Max 3 marks.** • Technical/extension bulletin, Training manual **(minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**	
C	PEER RECOGNITION	4	PEER RECOGNITION	4	PEER RECOGNITION	8	PEER RECOGNITION	8
C01	• 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**		• 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**		• 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**		• 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	• Oral presentation in International seminars / symposia / conference/		• Oral presentation in International seminars / symposia / conference/		• Oral presentation in International seminars / symposia / conference/		• 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)**		workshops : 1 **mark each (Maximum of 2 marks)** • Oral presentation in National seminars / symposia / conference/ workshops : **0.5 mark each. (Maximum of 2 marks)**		workshops : 1 **mark each (Maximum of 2 marks)** • Oral presentation in National seminars / symposia / conference/ workshops : **0.5 mark each. (Maximum of 2 marks)**		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	• 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)**		• 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)**		• 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)**		• 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 (Any four years- best out of 5/6 years)**	16	**ANNUAL ASSESSMENT REPORTS (Any four years best out of 5 years)**	16	**ANNUAL ASSESSMENT REPORTS**	12	**ANNUAL ASSESSMENT REPORTS**	12
D01	Period of assessment: **4 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.		Period of assessment: **5 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.		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.		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	**TOTAL**	80
	Presentation and Interview	---	**Presentation and Interview**	---	**Presentation and Interview**	20	**Presentation and Interview**	20
	TOTAL	100	**TOTAL**	100	**Grand Total**	100	**Grand Total**	100

RESEARCH AND EXTENSION

	Part I. Evaluation of Scientist (RGP 6000) who is mainly involved in Research & Extension (Use score card with code : CAS.SS.RESEARCH & EXTENSION)	Max. Score	Part I. Evaluation of Scientist (RGP 7000) who is mainly involved in Research & Extension (Use score card with code : CAS.SS.RESEARCH & EXTENSION)	Max. Score	Part I. Evaluation of Scientist (RGP 8000) who is mainly involved in Research & Extension (Use score card with code : CAS.S.RESEARCH & EXTENSION)	Max. Score	Part I. Evaluation of Senior Scientist (RGP 9000) who is mainly involved in Research & Extension (Use score card with code : CAS.SS.RESEARCH & EXTENSION)	Max. Score
	Assessment period 4/5/6 years		Assessment period 5 years		Assessment period 3 years		Assessment period 3 years	
A	CORE ACTIVITIES	55		55		40		40
	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20
A01	• 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	• 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	• 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	• 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	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** • 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**	10	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** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	10	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** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	7	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** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	7

					Technology spread and impact across the system	3	Technology spread and impact across the system	3
	3				• The variety released entered into seed chain **(1.5 marks for each variety) Max. 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.)** • Conducting/ co-coordinating and monitoring demonstration, field trials covering 300 acres across the farming system (**1 mark per 100 acre demonstration) Max 3 marks** • Adoption of technology or package of practices by a minimum of 3000 farmers across the system. **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)		• The variety released entered into seed chain **(1.5 marks for each variety) Max. 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.)** • Conducting/ co-coordinating and monitoring demonstration, field trials covering 300 acres across the farming system (**1 mark per 100 acre demonstration) Max 3 marks** • Adoption of technology or package of practices by a minimum of 3000 farmers across the system. **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.		• **Note:** Paper published out of M.Sc. and Ph.D. work will not be considered.	

Capacity building / monitoring/ evaluation / reporting and institution building

A03	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaption 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** • 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	10	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaption 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** • 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	10	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaption 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** • 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	5	• Teaching. 0.5 marks for each credit hour taught (**max: 2 marks**) • Student guide/ co-guide: **1 mark for each Masters Degree awarded as guide, 0.5 mark to co-guide. 2 marks for Ph.D as guide and 1 mark as co-guide. Max. 2 marks** • Technology inventory prepared, technology evaluation, monitoring of field /adaption 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** • 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	**5**

	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)**		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)**		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)**		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)**	
A04	**SCIENTIST'S ACHIEVEMENT IN EXTENSION**	25	**SCIENTIST'S ACHIEVEMENT IN EXTENSION**	25	**SCIENTIST'S ACHIEVEMENT IN EXTENSION**	15	**SCIENTIST'S ACHIEVEMENT IN EXTENSION**	15
	• Front Line Demonstration conducted. **2 marks per demonstration. Max 5 marks.** • Inter institutional HRD programmes organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year) (Maximum of 5 marks)** • Farmers interest groups organized/ Commodity interest groups organized (I mark each) **Max 2 marks.** • Farming system research and extension activities undertaken. **2 marks each. Max 4 marks.** • Participatory technology development programmes and farmer field schools organized. **2 marks each. Max 4 marks.** • Extension Teaching aids developed. (Teaching manuals,		• Front Line Demonstration conducted. **2 marks per demonstration. Max 5 marks.** • Inter institutional HRD programmes organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year) (Maximum of 5 marks)** • Farmers interest groups organized/ Commodity interest groups organized (I mark each) **Max 2 marks.** • Farming system research and extension activities undertaken. **2 marks each. Max 4 marks.** • Participatory technology development programmes and farmer field schools organized. **2 marks each. Max 4 marks.** • Extension Teaching aids developed. (Teaching manuals,		• Front Line Demonstration conducted. **2 marks per demonstration. Max 4 marks.** • Inter institutional HRD programmes organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year) (Maximum of 4 marks)** • Farmers interest groups organized/ Commodity interest groups organized (I mark each) **Max 2 marks.** • Farming system research and extension activities undertaken. **2 marks each. Max 4 marks.** • Participatory technology development programmes and farmer field schools organized. **2 marks each. Max 4 marks.** • Extension Teaching aids developed. (Teaching manuals,		• Front Line Demonstration conducted. **2 marks per demonstration. Max 4 marks.** • Inter institutional HRD programmes organized/ coordinated/assisted as per Institute mandate **(2.0 marks for each assignment per year) (Maximum of 4 marks)** • Farmers interest groups organized/ Commodity interest groups organized (I mark each) **Max 2 marks.** • Farming system research and extension activities undertaken. **2 marks each. Max 4 marks.** • Participatory technology development programmes and farmer field schools organized. **2 marks each. Max 4 marks.** • Extension Teaching aids developed. (Teaching manuals,	

	Column 1	Marks	Column 2	Marks	Column 3	Marks	Column 4	Marks
	Instructional materials etc) **0.5 mark for each (Maximum of 2 marks)** • Activities related to e-extension services, mobile advisory system and promotion of ICT based extension programmes. **2 marks each. Max 4 marks.** • Field day/ farmers fair, demonstration, exhibitions, Radio talks, TV presentations etc. 1 **mark for each. Max 2 marks** • Research-Extension-Farmers-interface meetings organized. **1 mark for each. Maximum 2 marks**		Instructional materials etc) **0.5 mark for each (Maximum of 2 marks).** • Activities related to e-extension services, mobile advisory system and promotion of ICT based extension programmes. **2 marks each. Max 4 marks.** • Field day/ farmers fair, demonstration, exhibitions, Radio talks, TV presentations etc. 1 **mark for each. Max 2 marks** • Research-Extension-Farmers-interface meetings organized. **1 mark for each. Maximum 2 marks**		Instructional materials etc) **0.5 mark for each (Maximum of 2 marks).** • Activities related to e-extension services, mobile advisory system and promotion of ICT based extension programmes. **2 marks each. Max 4 marks.** • Field day/ farmers fair, demonstration, exhibitions, Radio talks, TV presentations etc. 1 **mark for each. Max 2 marks** • Research-Extension-Farmers-interface meetings organized. **1 mark for each. Maximum 2 marks**		Instructional materials etc) **0.5 mark for each (Maximum of 2 marks).** • Activities related to e-extension services, mobile advisory system and promotion of ICT based extension programmes. **2 marks each. Max 4 marks.** • Field day/ farmers fair, demonstration, exhibitions, Radio talks, TV presentations etc. 1 **mark for each. Max 2 marks** • Research-Extension-Farmers-interface meetings organized. **1 mark for each. Maximum 2 marks**	
B	PUBLICATIONS	25	PUBLICATIONS	25	PUBLICATIONS	20	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	**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	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** One 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 (Marks limited to 5)**	5	Research Papers (**Full score for the First Author, 0.75 score each for rest of the authors**). One 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 (Marks limited to 5)**	5
B02	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension	15	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension	15	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension	15	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension	15

	leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**		leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**		leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**		leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • E-publication, Technology inventory and concept series published **(0.5 marks for each Max. 3 marks)**
C	**PEER RECOGNITION**	4	**PEER RECOGNITION**	4	**PEER RECOGNITION**	8	**PEER RECOGNITION**	8
C01	• 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**		• 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**		• 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**		• 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	• 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)**		• 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)**		• 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)**		• 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	• 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**		• 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**		• 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**		• 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)		each (Maximum of 2 marks)		each (Maximum of 2 marks)		each (Maximum of 2 marks)	
D	**ANNUAL ASSESSMENT REPORTS (Any four years- best out of 5/6 years)**	16	**ANNUAL ASSESSMENT REPORTS (Any four years best out of 5 years)**	16	**ANNUAL ASSESSMENT REPORTS**	12	**ANNUAL ASSESSMENT REPORTS**	12
D01	Period of assessment: **4 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.		Period of assessment: **5 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.		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.		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	**Presentation and Interview**	---	**Presentation and Interview**	---	**TOTAL** **Presentation and Interview**	80 20	**TOTAL** **Presentation and Interview**	80 20
	TOTAL	100	**TOTAL**	100	**Grand Total**	100	**Grand Total**	100

NAARM

	Part I. Evaluation of Scientist (RGP 6000) NAARM (Use score card with code : CAS.SS.NAARM)	Max. Score	Part I. Evaluation of Scientist (RGP 7000) NAARM (Use score card with code : CAS.SS. NAARM)	Max. Score	Part I. Evaluation of Scientist (RGP 8000) NAARM (Use score card with code : CAS.SS. NAARM)	Max. Score	Part I. Evaluation of Senior Scientist (RGP 9000) NAARM (Use score card with code : CAS.SS.NAARM)	Max. Score
	Assessment period 4/5/6 years		**Assessment period 5 years**		**Assessment period 3 years**		**Assessment period 3 years**	
A	CORE ACTIVITIES	55		55		40		40
	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20
A01	• 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	• 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	• 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	• 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	Innovative technologies developed, participatory technology developed , prototype, educational / training kit, process, product /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** • 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**	10	Innovative technologies developed, participatory technology developed , prototype, educational / training kit, process, product /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** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	10	Innovative technologies developed, participatory technology developed , prototype, educational / training kit, process, product /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** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	7	Innovative technologies developed, participatory technology developed , prototype, educational / training kit, process, product /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** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	7

					Educational technology spread and impact across the system	3	Educational technology spread and impact across the system	3
					• 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.		• 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.	

Capacity building / monitoring/ evaluation / reporting and institution building

| A03 | • Capacity building /training programme / activities (other than foundation course for ARS scientist) under taken as per the institute mandate. **(0.5 marks for each programme / activity Max. 4 marks)**
• Outreach Programmes organized. **1.0 mark for each (maximum marks limited to 4.0)**
• Customized /specialized /in service training programme organized. **(1.0 marks limited to 4.0 marks)**
• Innovative training /educational concept, methodology and module developed. **(2.0 marks for each methodology and** | 15 | • Capacity building /training programme / activities (other than foundation course for ARS scientist) under taken as per the institute mandate. **(0.5 marks for each programme / activity Max. 4 marks)**
• Outreach Programmes organized. **1.0 mark for each (maximum marks limited to 4.0)**
• Customized /specialized /in service training programme organized. **(1.0 marks limited to 4.0 marks)**
• Innovative training /educational concept, methodology and module developed. **(2.0 marks for each methodology and module Max. 4 marks)** | 15 | • Capacity building /training programme / activities (other than foundation course for ARS scientist) under taken as per the institute mandate. **(0.5 marks for each programme / activity Max. 4 marks)**
• Outreach Programmes organized. **1.0 mark for each (maximum marks limited to 4.0)**
• Customized /specialized /in service training programme organized. **(1.0 marks limited to 4.0 marks)**
• Innovative training /educational concept, methodology and module developed. **(2.0 marks for each methodology and module Max. 4 marks)** | 10 | • Capacity building /training programme / activities (other than foundation course for ARS scientist) under taken as per the institute mandate. **(0.5 marks for each programme / activity Max. 4 marks)**
• Outreach Programmes organized. **1.0 mark for each (maximum marks limited to 4.0)**
• Customized /specialized /in service training programme organized. **(1.0 marks limited to 4.0 marks)**
• Innovative training /educational concept, methodology and module developed. **(2.0 marks for each methodology and module Max. 4 marks)** | 10 |

	module Max. 4 marks) • Training /teaching/educational technology / methodology evaluated and customized. **(2 marks for each technology / methodology evaluated & customized Max 4 marks)** • 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 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)** •		• Training /teaching/educational technology / methodology evaluated and customized. **(2 marks for each technology / methodology evaluated & customized Max 4 marks)** • 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 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)**		• Training /teaching/educational technology / methodology evaluated and customized. **(2 marks for each technology / methodology evaluated & customized Max 4 marks)** • 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 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)**		• Training /teaching/educational technology / methodology evaluated and customized. **(2 marks for each technology / methodology evaluated & customized Max 4 marks)** • 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 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)**	
TEACHING AND FOUNDATION COURSE PROGRAMME FOR ARS SCIENTIST							
	SCIENTIST'S ACHIEVEMENT IN TEACHING AND FOCARS	20	**SCIENTIST'S ACHIEVEMENT IN TEACHING AND FOCARS**	20	**SCIENTIST'S ACHIEVEMENT IN TEACHING AND FOCARS**	10	**SCIENTIST'S ACHIEVEMENT IN TEACHING AND FOCARS**	10
A04	• Foundation course organized for ARS scientist(**3marksfor course coordinator & 2 marks for co-coordinator Max. 6 marks)** • Innovative theme based		• Foundation course organized for ARS scientist(**3marksfor course coordinator & 2 marks for co-coordinator Max. 6 marks)** • Innovative theme based concept and methodology developed,		• Foundation course organized for ARS scientist(**3marksfor course coordinator & 2 marks for co-coordinator Max. 6 marks)** • Innovative theme based concept and methodology developed,		• Foundation course organized for ARS scientist(**3marksfor course coordinator & 2 marks for co-coordinator Max. 6 marks)** Innovative theme based concept and methodology developed,	

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concept and methodology developed, tested and introduced in the foundation course programme for ARS scientists (**2 Marks for each innovative concept and methodology, tested and introduced Max. 4 marks)**		tested and introduced in the foundation course programme for ARS scientists (**2 Marks for each innovative concept and methodology, tested and introduced Max. 4 marks)**		tested and introduced in the foundation course programme for ARS scientists (**2 Marks for each innovative concept and methodology, tested and introduced Max. 4 marks)**		tested and introduced in the foundation course programme for ARS scientists (**2 Marks for each innovative concept and methodology, tested and introduced Max. 4 marks)**	
• Innovative theme based trainings /workshops conceptualized and organized. **2 marks for course coordinator and 1.0 mark for co-coordinator for each course (Max. 4 marks)** • Courses designed and curriculum developed for training programmes. (**2 marks for each course designed and curriculum developed Max.4 marks.)** • Teaching. 0.5 marks for each credit hours taught {A course with credit hour 1+1 taught in a semester will score 1mark (2 credit x 0.5 marks)} **Max 2marks** • Student guidance/ co-guide: **2 marks for each Masters Degree awarded as guide, 1 mark to co-guide / advisory committee member Max 2marks** • Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, FET, study tour, industrial visit arranged,) **1.0 mark for each Max. 2 marks**		• Innovative theme based trainings /workshops conceptualized and organized. **2 marks for course coordinator and 1.0 mark for co-coordinator for each course (Max. 4 marks)** • Courses designed and curriculum developed for training programmes. (**2 marks for each course designed and curriculum developed Max.4 marks.)** • Teaching. 0.5 marks for each credit hours taught {A course with credit hour 1+1 taught in a semester will score 1mark (2 credit x 0.5 marks)} **Max 2marks** • Student guidance/ co-guide: **2 marks for each Masters Degree awarded as guide, 1 mark to co-guide / advisory committee member Max 2marks** • Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, FET, study tour, industrial visit arranged,) **1.0 mark for each Max. 2 marks**		• Innovative theme based trainings /workshops conceptualized and organized. **2 marks for course coordinator and 1.0 mark for co-coordinator for each course (Max. 4 marks)** • Courses designed and curriculum developed for training programmes. (**2 marks for each course designed and curriculum developed Max.4 marks.)** • Teaching. 0.5 marks for each credit hours taught {A course with credit hour 1+1 taught in a semester will score 1mark (2 credit x 0.5 marks)} **Max 2marks** • Student guidance/ co-guide: **2 marks for each Masters Degree awarded as guide, 1 mark to co-guide / advisory committee member Max 2marks** • Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, FET, study tour, industrial visit arranged,) **1.0 mark for each Max. 2 marks**		• Innovative theme based trainings /workshops conceptualized and organized. **2 marks for course coordinator and 1.0 mark for co-coordinator for each course (Max. 4 marks)** • Courses designed and curriculum developed for training programmes. (**2 marks for each course designed and curriculum developed Max.4 marks.)** • Teaching. 0.5 marks for each credit hours taught {A course with credit hour 1+1 taught in a semester will score 1mark (2 credit x 0.5 marks)} **Max 2marks** • Student guidance/ co-guide: **2 marks for each Masters Degree awarded as guide, 1 mark to co-guide / advisory committee member Max 2marks** • Teaching aids developed. (Teaching manuals, e-learning / Instructional materials etc, FET, study tour, industrial visit arranged,) **1.0 mark for each Max. 2 marks**	

B	PUBLICATIONS	25	PUBLICATIONS	25	PUBLICATIONS	20	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	**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	**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	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:** • Books authored (minimum 100 pages): 1.0 **mark for each author. (Max marks limited to 2.0)** • 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 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 3)** • e-publications, learning modules, concept series, educational technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	15	**Other publications :** • Books authored (minimum 100 pages): 1.0 **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 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 4)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 4)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 3)** • e-publications, learning modules, concept series, educational technology inventory and methodology modules published **(0.5 marks for each publication Max 6 marks)**	15	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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-publications, learning modules, concept series, educational technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	10	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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-publications, learning modules, concept series, educational technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	10

C	**PEER RECOGNITION**	4	**PEER RECOGNITION**	4	**PEER RECOGNITION**	8	**PEER RECOGNITION**	8
C01	• 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**		• 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**		• 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**		• 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	• 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)**		• 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)**		• 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)**		• 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	• 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)**		• 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)**		• 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)**		• 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 (Any four years- best out of 5/6 years)**	16	**ANNUAL ASSESSMENT REPORTS (Any four years best out of 5 years)**	16	**ANNUAL ASSESSMENT REPORTS**	12	**ANNUAL ASSESSMENT REPORTS**	12
D01	Period of assessment: **4 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		Period of assessment: **5 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.		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.		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.		Grading to be awarded for each year.		Grading to be awarded for each year.		Average. Grading to be awarded for each year.	
E	**Presentation and Interview**	---	**Presentation and Interview**	---	**TOTAL** **Presentation and Interview**	**80** **20**	**TOTAL** **Presentation and Interview**	**80** **20**
	TOTAL	**100**	**TOTAL**	**100**	**Grand Total**	**100**	**Grand Total**	**100**

	Part V. Evaluation of Scientists (RGP 6000) who are in Zonal Project Directorates (Use score card with code : CAS.SS.ZPD)	Max. Score	Part V. Evaluation of Scientists (RGP 7000) who are in Zonal Project Directorates (Use score card with code : CAS.SS.ZPD)	Max. Score	Part V. Evaluation of Scientist (RGP 8000) who are in Zonal Project Directorates (Use score card with code : CAS.SS.ZPD)	Max. Score	Part V. Evaluation of Senior Scientist (RGP 9000) who are in Zonal Project Directorates (Use score card with code : CAS.SS.ZPD)	Max. Score
	Assessment period 4/5/6 years		Assessment period 5 years		Assessment period 3 years		Assessment period 3 years	
	Core Activities	55		55		40		40
A	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20	SCIENTIST'S ACHIEVEMENTS IN RESEARCH	20
A01	• 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	• 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	• 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	• 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	• Innovative conceptual models, approaches and methodology aiding technology assessment, refinement and demonstration of KVKs developed and popularized as part of projects: **4 marks for PI, 3 marks for Co-PI.** • Development/Standardization of procedures for measurement and analysis of the following: Training needs of KVK Scientists. Training needs of farmers/rural youth, Farming systems existing in the KVK districts, Development of Zone specific KVK action plan Proformas, annual report / FLD proforma any other relevant output. **4 marks for each activity. One effort will score only once.** • Innovative technologies /methodologies developed, participatory technology development, concept, software development/Data	10	• Innovative conceptual models, approaches and methodology aiding technology assessment, refinement and demonstration of KVKs developed and popularized as part of projects: **4 marks for PI, 3 marks for Co-PI.** • Development/Standardization of procedures for measurement and analysis of the following: Training needs of KVK Scientists. Training needs of farmers/rural youth, Farming systems existing in the KVK districts, Development of Zone specific KVK action plan Proformas, annual report / FLD proforma any other relevant output. **4 marks for each activity. One effort will score only once.** • Innovative technologies /methodologies developed, participatory technology development, concept, software development/Data base	10	• Innovative conceptual models, approaches and methodology aiding technology assessment, refinement and demonstration of KVKs developed and popularized as part of projects: **4 marks for PI, 3 marks for Co-PI.** • Development/Standardization of procedures for measurement and analysis of the following: Training needs of KVK Scientists. Training needs of farmers/rural youth, Farming systems existing in the KVK districts, Development of Zone specific KVK action plan Proformas, annual report / FLD proforma any other relevant output. **4 marks for each activity. One effort will score only once.** • Innovative technologies /methodologies developed, participatory technology development, concept, software development/Data base management/Expert system developed/Decision support	7	• Innovative conceptual models, approaches and methodology aiding technology assessment, refinement and demonstration of KVKs developed and popularized as part of projects: **4 marks for PI, 3 marks for Co-PI.** • Development/Standardization of procedures for measurement and analysis of the following: Training needs of KVK Scientists. Training needs of farmers/rural youth, Farming systems existing in the KVK districts, Development of Zone specific KVK action plan Proformas, annual report / FLD proforma any other relevant output. **4 marks for each activity. One effort will score only once.** • Innovative technologies /methodologies developed, participatory technology development, concept, software development/Data base	7

	base management/Expert system developed/Decision support system models / e-learning lessons / models developed & any other relevant output.: **3 marks for PI, 1.5 marks for Co-PI for each output** • 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**		management/Expert system developed/Decision support system models / e-learning lessons / models developed & any other relevant output.: **3 marks for PI, 1.5 marks for Co-PI for each output** • 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**		system models / e-learning lessons / models developed & any other relevant output.: **3 marks for PI, 1.5 marks for Co-PI for each output** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(wi thout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**		management/Expert system developed/Decision support system models / e-learning lessons / models developed & any other relevant output.: **3 marks for PI, 1.5 marks for Co-PI for each output** • Patents: For PI and Co-PI, **for** each patent granted 2 **marks; for technology commercialized/popularized(w ithout patent) 3 marks and for patent granted and commercialized/popularized: 5 marks**	
					Technology spread and impact across the system • 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)** • Conducting/ co-coordinating and monitoring demonstration, field trials covering 300 acres across the farming system (**1 marks per 100 acre demonstration) Max 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	**Technology spread and impact across the system** • 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)** • Conducting/ co-coordinating and monitoring demonstration, field trials covering 300 acres across the farming system (**1 marks per 100 acre demonstration) Max 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							
	CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING	25	**CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING**	25	**CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING**	10	**CAPACITY BUILDING, MONITORING, EVALUATION AND REPORTING**	10
A03	• Organizing Capacity building programmes, sensitization workshops, zonal workshops, Interface meetings etc. **1 mark each. Max 4 marks** • E connectivity content management. **2 marks**	5	• Organizing Capacity building programmes, sensitization workshops, zonal workshops, Interface meetings etc. **1 mark each. Max 3 marks** • E connectivity content management. **2 marks**	5	• Organizing Capacity building programmes, sensitization workshops, zonal workshops, Interface meetings etc.0.5 **mark each.** • E connectivity content management. 0.5 **mark**	2	• Organizing Capacity building programmes, sensitization workshops, zonal workshops, Interface meetings etc. 0.5 **mark each.** • E connectivity content management. 0.5 **mark**	**2**
A04	• Technology and methodology linkages established • Preparation of technology inventory • Preparation of Methodology module • Convergence and linkages established (**1 mark for each activity per year)**	5	• Technology and methodology linkages established • Preparation of technology inventory • Preparation of Methodology module • Convergence and linkages established (**1 mark for each activity per year)**	5	• Technology and methodology linkages established • Preparation of technology inventory • Preparation of Methodology module • Convergence and linkages established **(0.5 mark for each activity per year)**	2	• Technology and methodology linkages established • Preparation of technology inventory • Preparation of Methodology module • Convergence and linkages established **(0.5 mark for each activity per year)**	**2**
A05	• Monitoring • Assistance in monitoring of OFT, FLD and training activities of KVKs • Organizing zonal workshops and mid term review meetings (1 **mark** for each activity per year)	5	• Monitoring • Assistance in monitoring of OFT, FLD and training activities of KVKs • Organizing zonal workshops and mid term review meetings (1 **mark** for each activity per year)	5	• Monitoring • Assistance in monitoring of OFT, FLD and training activities of KVKs • Organizing zonal workshops and mid term review meetings (0.5 **mark** for each activity per year)	2	• Monitoring • Assistance in monitoring of OFT, FLD and training activities of KVKs • Organizing zonal workshops and mid term review meetings (0.5 **mark** for each activity per year)	**2**
A06	• Evaluation and report compilation of OFT, FLD and training • Impact analysis of KVK mandated activities • Preparation of case studies/success stories (1 **mark** for each activity per year)	5	• Evaluation and report compilation of OFT, FLD and training • Impact analysis of KVK mandated activities • Preparation of case studies/success stories (1 **mark** for each activity per year)	5	• Evaluation and report compilation of OFT, FLD and training • Impact analysis of KVK mandated activities • Preparation of case studies/success stories (0.5 **mark** for each activity per year)	2	• Evaluation and report compilation of OFT, FLD and training • Impact analysis of KVK mandated activities • Preparation of case studies/success stories (0.5 **mark** for each activity per year)	**2**
A07	Reporting • Preparation of zonal report, annual report, evaluation reports etc (1 **mark** for each activity per year)	5	Reporting • Preparation of AICRP report, annual report, evaluation reports etc (1 **mark** for each activity per year)	5	Reporting • Preparation of zonal report, annual report, evaluation reports etc (0.5 **mark** for each activity per year)	2	Reporting • Preparation of zonal report, annual report, evaluation reports etc (0.5 **mark** for each activity per year)	**2**
A08	**EXTENSION ACTIVITIES CO-ORDINATED**	10	**EXTENSION ACTIVITIES CO-ORDINATED**	10	**EXTENSION ACTIVITIES CO-ORDINATED**	10	**EXTENSION ACTIVITIES CO-ORDINATED**	10
	• HRD/Training / Extension/ services organized/		• HRD/Training / Extension/ services organized/		• HRD/Training / Extension/ services organized/		• HRD/Training / Extension/ services organized/	

- coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 3 marks)** - Inter institutional HRD programmes for benefit of KVKs organized/ coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 3 marks)** - 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 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)**		- coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 3 marks)** - Inter institutional HRD programmes for benefit of KVKs organized/ coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 3 marks)** - 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 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)**		- coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 2 marks)** - Inter institutional HRD programmes for benefit of KVKs organized/ coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 2 marks)** - 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 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)**		- coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 2 marks)** - Inter institutional HRD programmes for benefit of KVKs organized/ coordinated/assisted as per Institute mandate **(1.0marks for each assignment per year) (maximum 2 marks)** - 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 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)**	
B PUBLICATIONS	25	**B** PUBLICATIONS	25	**B** PUBLICATIONS	20	**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	10	**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	10	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** One best research papers published during the period of review will be allocated score	5	**Research Papers (Full score for the First Author, 0.75 score each for rest of the authors).** One best research papers published during the period of review will be	5

	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**		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**		according to the National Academy of Agricultural Sciences (NAAS) rating of Scientific Journals, on a **scale of 1.0 to 10.0 (Marks limited to 5)**		allocated score according to the National Academy of Agricultural Sciences (NAAS) rating of Scientific Journals, on a **scale of 1.0 to 10.0 (Marks limited to 5)**	
B02	Other publications: • Books authored (minimum 100 pages): 1.0 **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)** • Editors of Annual Reports/FLD Reports (1**.0 mark for each assignment per year for each editor). Max 3 marks.** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • e-publications, learning modules, concept series, educational/training technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	15	Other publications: • Books authored (minimum 100 pages): 1.0 **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)** • Editors of Annual Reports/FLD Reports (1**.0 mark for each assignment per year for each editor). Max 3 marks.** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • e-publications, learning modules, concept series, educational/training technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	15	Other publications: • Books authored (minimum 100 pages): 1.0 **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)** • Editors of Annual Reports/FLD Reports (1**.0 mark for each assignment per year for each editor). Max 3 marks.** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • e-publications, learning modules, concept series, educational/training technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	15	Other publications: • Books authored (minimum 100 pages): 1.0 **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)** • Editors of Annual Reports/FLD Reports (1**.0 mark for each assignment per year for each editor). Max 3 marks.** • **Technical/extension bulletin, Training manual (minimum 25 pages) 0.5 mark for each author (Max marks limited to 3)** • Conference Proceedings and newsletter edited: **0.5 marks for editor and co-editors (Max marks limited to 3)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 3)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 4)** • e-publications, learning modules, concept series, educational/training technology inventory and methodology modules published **(0.5 marks for each publication Max 4 marks)**	15
C	**PEER RECOGNITION**	4	**PEER RECOGNITION**	4	**PEER RECOGNITION**	8	**PEER RECOGNITION**	8
C01	• International and National Awards / National Academy fellow: **2 marks each.**		• International and National Awards / National Academy fellow: **2 marks each .**		• International and National Awards / National Academy fellow: **2 marks each .**		• International and National Awards / National Academy fellow: **2 marks each .**	

	Criteria 1		Criteria 2		Criteria 3		Criteria 4	
	• 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**		• 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**		• 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**		• 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	• 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)**		• 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)**		• 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)**		• 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	• Special assignments (International organizations, overseas and special national assignments/ consultancies not covered anywhere else in the application: **0.5 mark for each (maximum marks limited to 2)** • International seminars / symposia / conference/ workshops/ attended: **1.0 mark each (Maximum of 2 marks)**		• Special assignments (International organizations, overseas and special national assignments/ consultancies not covered anywhere else in the application: **0.5 mark for each (maximum marks limited to 2)** • International seminars / symposia / conference/ workshops/ attended: **1.0 mark each (Maximum of 2 marks)**		• Special assignments (International organizations, overseas and special national assignments/ consultancies not covered anywhere else in the application:0 **.5 mark for each (maximum marks limited to 2)** • International seminars / symposia / conference/ workshops/ attended: **1.0 mark each (Maximum of 2 marks)**		• Special assignments (International organizations, overseas and special national assignments/ consultancies not covered anywhere else in the application: **0.5 mark for each (maximum marks limited to 2)** • International seminars / symposia / conference/ workshops/ attended: **1.0 mark each (Maximum of 2 marks)**	
D	**ANNUAL ASSESSMENT REPORTS (Any four years- best out of 5/6 years)**	16	**ANNUAL ASSESSMENT REPORTS (Any four years best out of 5 years)**	16	**ANNUAL ASSESSMENT REPORTS**	12	**ANNUAL ASSESSMENT REPORTS**	12
D01	Period of assessment: **4 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.		Period of assessment**: 5 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.		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.		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	**TOTAL**	80
E	**Presentation and Interview**	---	**Presentation and Interview**	---	**Presentation and Interview**	20	**Presentation and Interview**	20
	TOTAL	100	**TOTAL**	100	**Grand Total**	100	**Grand Total**	100

ICAR HQs

	Evaluation of Scientists (RGP8000) and Senior Scientists (RGP 9000) working at ICAR HQ (Use score card with Code : CAS.SS.ICAR HQs) Assessment Period 3 Years	Max. Score
A	**SCIENTIST'S ACHIEVEMENTS**	**45**
A01	• Assistance in Coordination (No. of Institutes /SAUs being handled, AICRPs handled, Funded projects, Processing for release of funds)	10
A02	• Assistance in monitoring (Physical, financial and scientific targets) / Scientific assistance to senior officers, meetings organization, lectures and drafts prepared	10
A03	• Reports/ proceedings preparation, parliament questions handled etc.	15
A04	• Innovative theme based trainings /workshops conceptualized and organized. **2 marks for course coordinator and 1.5 marks for associate for each course**	10
B	**PUBLICATIONS**	**15**
B01	• **Research/ Review/ Policy Paper (Full score for the First Author/ Corresponding Author, 0.75 score each for rest of the authors).**One best papers published during the assessment period 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, divided by a factor of 2.0**	5
B02	**Other publications:** • Books authored (minimum 100 pages): 1.0 **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 4)** • Conference Proceedings edited: **0.5 marks for editor and co-editors (Max marks limited to 4)** • Book chapters/ Extension leaflets/folders: **0.5 mark for author and co-authors (Max marks limited to 4)** • Technical/ popular Articles : **0.25 mark for author and co-authors (Max marks limited to 2)** • E-learning modules, concept series and newsletter edited (**0.5 marks each and Max marks limited to 2**)	10
C	**PEER RECOGNITION**	**8**
C01	• International and National Awards / National Academy fellow: **3 marks each.** • Post-Doctoral Fellowships: **1 mark.** • Institutional or recognized professional societies award / fellowship / journal editor : **1 mark each** • Best Paper, Best Posters **0.5 marks each.** (Note: Conference prizes / medals, office bearers of societies excluded) • Oral presentation in International seminars / symposia / conference/ workshops : **0.5 mark each (Maximum of 1 mark)** • Invited key speaker in a National / International scientific meeting: **1 mark each.** • Special assignments (International organizations, overseas and special national assignments/ consultancies not covered any where else in the application: **1.0 mark for each (maximum marks limited to 2)**	
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 mark for Average and 0.5 marks for Below Average. Grading to be awarded for each year.	
	TOTAL	**80**
E	**Presentation and Interview**	**20**
	GRAND TOTAL	**100**