

CHAPTER-3 ELIGIBILITY CRITERIA AND QUALIFICATIONS

3.1 General Eligibility Criteria to Appear in AICE-JRF/SRF (Ph.D.)-2022

Indian nationals who have passed Master's Degree programme with a minimum of Overall Grade Point Average (OGPA) as shown in Table 2 will be eligible. In other cases, where grade-points are not awarded and only marks are awarded, the candidate must have secured a minimum percent score as shown in the Table 2.

For appearing in AICE-JRF/SRF (Ph.D.), it would be mandatory for the candidates to have passed out from ICAR-accredited constituent colleges and ICAR-accredited courses/programmes of public funded/Govt. institutions (Gol / State Govt. funded) within or outside ICAR-AU system OR ICAR-accredited Private Agriculture and Allied Science colleges and ICAR-accredited courses/programmes. It would be mandatory for the Private Agriculture and Allied Science colleges to have accreditation from ICAR even if they are affiliated to an ICAR-accredited public funded/Govt. Institution (Gol / State Govt. funded) outside ICAR-AU system or AUs (Gol/State Govt. funded) within the ICAR-AU system.

To align with the recommendations made by National Agricultural Education Accreditation Board (NAEAB) in its XXVI Meeting held on 17th September, 2020 and subsequent approval accorded by Governing Body of ICAR in its 251st meeting held on 15.10.2020, **the first batch pass out/appeared/appearing students** of a postgraduate programme (PG) in Agriculture & Allied Science subject from public funded/Govt. institutions (within or outside ICAR-AU system) or Private Agriculture and Allied Science colleges which have not been accredited by ICAR (irrespective of the fact whether they have applied to ICAR for accreditation or not) shall be exempted from the requirement of ICAR accreditation for appearing in and seeking admission through AICE-JRF/SRF (Ph.D.)-2022 in the current Academic Year/Session (2022-23). This exemption, however, shall not be applicable to the already passed out first batch students or batches subsequent to first batch from these institutions for appearing and seeking admission through the ICAR's AICE-JRF/SRF (Ph.D.) to be held in subsequent Academic Sessions until and unless they acquire ICAR-accreditation. For more details, please refer to the Public Notice No. 1(6)/2018-Exam Cell-IV dated 24.06.2021 available on the ICAR website www.icar.org.in.

The onus of proving that s(he) has passed out from the first batch of non-ICAR accredited college and programme shall primarily lie with the candidate. The candidate must produce a certificate from the Registrar or an equivalent authority of the concerned institution to this effect.

Further, in case any degree from a particular college/university is not considered for admission by an Agricultural University on account of a particular college/university being derecognized by VCI/UGC, or due to any Court directives (present or future), ICAR will not be responsible for admitting students of that college/university in the Universities not willing to admit such candidates.

The list of ICAR-accredited Govt./State Govt. funded public institutions (including constituent colleges of AUs under the ICAR-AU system) and private Agriculture and Allied Science colleges along with their ICAR-accredited programmes shall be available on ICAR's Counseling portal at the time of AIEEA-2022 counseling. For ready reference, the list of ICAR-accredited universities, colleges and programmes for admission through AIEEA-2021 is available in public domain at www.icarexam.net.

The list of Govt. (outside ICAR AU system) and private Agricultural Universities/Colleges accredited by ICAR whose candidates are eligible to appear in the AICE-JRF/SRF (Ph.D.)-2022 examination is given at **Annexure V-B. The candidates having Bachelor's degree with 3 years' duration will not be considered for admission through ICAR AICE-JRF/SRF (Ph.D.)-2022 in AUs under ICAR-AU system except in few courses at IARI and NDRI for which the eligibility criteria of the concerned ICAR-DU, including admission of graduates having passed with 3 years' degree, would prevail for admission. However, accreditation requirement as described at Clause 3.1 (General Eligibility Criteria to Appear in AICE-JRF/SRF (Ph.D.)-2022) shall be applicable.**

Table 2: Minimum OGPA/Marks in the Eligibility Examination required to appear in AICE-JRF/SRF

OGPA								Marks Secured
Categories/ Scale	10 point Scale	9 point scale	8 point scale	7 point scale	6 point scale	5 point scale	4 point scale	Percent (100 Point)
General, OBC (NCL) and UPS/ EWS	6.5	5.85	5.20	4.55	3.90	3.25	2.6	60
SC/ST/PwBD/ Third Gender	5.50	4.95	4.40	3.85	3.30	2.75	2.2	50

Note:

1. Where OGPA is awarded, equivalence between OGPA and % marks will not be acceptable.
2. There will be no rounding-off of the OGPA/percentage of marks of qualifying examination while deciding the basic eligibility of any candidate for admission e.g. if a candidate obtains 49.99% marks in his/her qualifying examination, then it will not be rounded-off to 50%.
3. Merely qualifying the examination will not guarantee JRF/SRF/Admission. It would be governed by rules and regulations of ICAR and concerned University.
4. Candidate must ensure that he/she fulfills the eligibility requirements for the examination as well as admission as detailed in the Information Bulletin. Applying for AICE-JRF/SRF (Ph.D.)-2022, appearing in the examination and qualifying the same does not necessarily mean acceptance of eligibility. The applicant for a particular Subject must satisfy the eligibility criterion as specified in this Information Bulletin (or its amendments/corrections).

- No certificates (other than Pwd/Category certificate, as applicable) are required to be uploaded along with the online application at the time of online submission.
- The documents/certificates etc., shall be verified directly at the time of admission in the admitting university. In case the candidate is found not-eligible at any stage, his/her candidature would be summarily rejected and admission will be cancelled.

- (i) The candidate must complete the postgraduate degree in all respects and should have all the degree-completion requirements on the day of admission in the university failing which they will not be considered for admission and the award of fellowship. Please note that ICAR/University will NOT be held responsible for denial of admission to non-eligible candidates.
- (a) Candidates reporting for the admission must have Degree/Provisional Degree Certificate (PDC) of completion of Master's degree programme. The candidates who do not have the Degree/PDC, have to mandatorily produce a certificate from the Registrar of the concerned university specifically indicating that ***the candidate has fulfilled all the requirements for the award of Masters degree including thesis submission and completion of viva-voce and his/her Final OGPA/Percentage of marks at the end of final semester/year along with mentioning the likely date of issuance of PDC/Degree.*** The candidates should note that the university may deny admission in case the PDC/Degree is not produced at the time of admission with the university. No correspondence shall be entertained by the Council in this regard.

3.2 Eligibility Qualifications at Master's level

In order to appear in AICE-JRF/SRF (Ph.D.)-2022 in the Subject of specialization, candidates must have completed Master's degree in one of the Subjects given in Table 3.

Table 3: Eligibility qualifications at Master's level for Ph.D. admission and award of JRF/SRF(PhD) in different Subjects/disciplines

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
01	Genetics & Plant Breeding	Genetics and/or Plant Breeding.	IARI-B.Sc. (10+2+3 system)
02	Seed Science & Technology	Seed Science & Technology.	IARI-B.Sc. (10+2+3 system)
03	Plant Genetic Resources	Plant Genetic Resources/ Botany/Agricultural Botany.	IARI-B.Sc. (10+2+3 system)
04	Plant Pathology	Plant Pathology/Plant Protection with specialization in Plant Pathology.	IARI-B.Sc. (10+2+3 system)
05	Nematology	Nematology/Plant Protection with specialization in Nematology.	IARI-B.Sc. (10+2+3 system)
06	Entomology	Agricultural Entomology/ Entomology/Plant Protection with specialization in Entomology.	IARI-B.Sc. (10+2+3 system)
07	Sericulture	Sericulture/Agricultural or Horticultural Entomology.	-

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
08	Biochemistry	Plant Biochemistry/Biochemistry.	IARI-B.Sc. (10+2+3 system)
09	Plant Physiology	Plant Physiology/Crop Physiology.	IARI-B.Sc. (10+2+3 system)
10	Molecular Biology & Biotechnology	Agricultural Biotechnology/Biotechnology/ Molecular Biology & Biotechnology.	IARI-B.Sc. (10+2+3 system)
11	Microbiology	Agricultural Microbiology/ Microbiology.	IARI-B.Sc. (10+2+3 system)
12	Vegetable Science	Vegetable Science/Olericulture/Horticulture with specialization in Vegetable Science.	-
13	Fruit Science	Fruit Science/ Pomology/ Horticulture with specialization in Fruit Science.	-
14	Floriculture & Landscaping	Floriculture & Landscaping/ Floriculture & Landscape Architecture/Agriculture or Horticulture with specialization in Floriculture and Landscape Architecture.	-
15	Plantation, Spices, Medicinal & Aromatic Crops	Spices, Plantation, Medicinal & Aromatic Plants/Agriculture or Horticulture with specialization in Spices/Plantation Crops / Medicinal and Aromatic Plants.	-
16	Post Harvest Technology Management	Post-harvest Technology with specialization in Horticultural Crops.	-
17	Animal Genetics & Breeding	Veterinary Science with specialization in Animal Genetics and Breeding.	-
18	Animal Nutrition	Veterinary Science with specialization in Animal Nutrition.	-
19	Livestock Production Management	Veterinary Science with specialization in Livestock Production Management. For NDRI Karnal only: M.Sc. (Dairying) Livestock Production & Management/Animal Genetics & Breeding/ Animal Nutrition/Animal Physiology/M.V.Sc. Livestock Production & Management/ M.V.Sc. Livestock Production Management/ M.Sc. Livestock Production Management/ M.V.Sc. Animal Sciences/Animal Production M.Sc.(Ag.) Animal Husbandry M.Sc.(Ag.) Animal Husbandry & Dairying	-
20	Livestock Products Technology	Veterinary Science with specialization in Livestock Products Technology.	-
21	Poultry Science	Veterinary Science with specialization in Poultry Science.	-
22	Veterinary Parasitology	Veterinary Science with specialization in Veterinary Parasitology.	-
23	Veterinary Public Health & Epidemiology	Veterinary Science with specialization in Veterinary Public Health/Vety. Public Health & Epidemiology/Vety. Epidemiology.	-

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
24	Veterinary Microbiology	Veterinary Science with specialization in Microbiology/ Bacteriology/Virology/Immunology.	-
25	Veterinary Pathology	Veterinary Science with specialization in Veterinary Pathology.	-
26	Veterinary Medicine	Veterinary Science with specialization in Veterinary Medicine/ Preventive Veterinary Medicine/ Veterinary Clinical Medicine.	-
27	Veterinary Pharmacology & Toxicology	Veterinary Science with specialization in Veterinary Pharmacology and Toxicology/Veterinary Pharmacology.	
28	Animal Reproduction, Gynaecology & Obstetrics	Veterinary Science with specialization in Vety. Gynaecology& Obstetrics/Animal Reproduction, Gynaecology& Obstetrics	-
29	Veterinary Surgery & Radiology	Veterinary Science with specialization in Veterinary Surgery & Radiology/Veterinary Surgery.	-
30	Veterinary Anatomy	Veterinary Science with specialization in Veterinary Anatomy/ Veterinary Anatomy & Histology.	-
31	Veterinary Physiology	Veterinary Science with specialization in Veterinary Physiology.	
32	Veterinary Biochemistry	Veterinary Sciences with specialization in Vety. Biochemistry.	
33	Veterinary Biotechnology	Veterinary Sciences with specialization in Animal Biotechnology.	
34	Dairy Chemistry	For SAUs/CAUs, etc. Dairy Chemistry/Veterinary/Animal Sciences with specialization in Dairy Chemistry For NDRI only Dairy Chemistry/ Veterinary/Animal Sciences with specialization in Livestock Products Technology/ Chemistry.	NDRI-B.Sc. (10+2+3 system)
35	Food Processing Technology*	Food Science/Food Technology/ Food Science and Technology/Post Harvest Technology.	-
36	Dairy Microbiology	For SAUs/CAUs, etc. Dairy Microbiology/ Veterinary/Animal Sciences with specialization in Dairy	NDRI-B.Sc. (10+2+3 system)

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
		Microbiology. For NDRI only Dairy Microbiology/ Veterinary/Animal Sciences with specialization in Dairying/Microbiology/Biotechnology/ Medical Microbiology/Industrial Microbiology/Food Safety and Quality Assurance.	
37	Dairy Technology	For SAUs/CAUs, etc. Dairy Technology /Dairy Science/Dairy Engineering/Livestock Products Technology/Food Technology with specialization in Dairy Technology. For NDRI only Dairy Technology/Dairy Engineering/Livestock Products Technology/Food Technology with specialization in Dairy Technology. Candidates must have 4 years B. Tech. degree.	-
38	Dairy Engineering	For SAUs/CAUs, etc. M. Tech. (Dairy Engineering/ Dairy Technology). For NDRI only M. Tech./M.E. (Dairy Engineering/ Dairy Technology / Agriculture Process & Food Engineering/ Chemical Engineering/ Dairy & Food Engineering/ Electrical Engineering/ Mechanical Engineering/Electronics and Communication Engg./ Post-Harvest Process & Food Engineering/ Food Technology.) Candidates must have 4 years B. Tech./B.E. degree.	-
39	Farm Machinery and Power Engineering	Agricultural Engineering/Mechanical Engineering with specialization in Farm Machinery and Power/Renewable energy.	-
40	Soil and Water Conservation Engineering	Agricultural Engineering with specialization in Soil and Water/Soil and Water Conservation/Civil Engineering /Irrigation and Drainage Engg./Water Resources /Water Science and Technology.	-
41	Processing and Food Engineering	Agricultural Engineering with specialization in Agricultural Processing Engineering/ Processing and Food Engineering/ Food Process Engineering/Dairy Engineering/Post	-

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
		Harvest Technology (<u>with specialization in Post Harvest Engineering and Technology</u>)/ Renewal Energy Engineering	
42	Renewable Energy Engineering	Agricultural Engineering with specialization in Renewable Energy/ Farm Machinery and Power Engg./Processing & Food Engg.	-
43	Irrigation & Drainage Engineering	Agricultural Engineering with specialization in Soil and Water/ Soil and Water Conservation/Irrigation and Drainage/Hydrology/Water Resources/Water Science and Technology.	-
44	Resource Management and Consumer Science	Home Science with specialization in Family Resource Management.	-
45	Apparel and Textiles Science	Home Science with specialization in Clothing and Textiles/ Textiles and Apparel Designing.	-
46	Human Development and Family Studies	Home Science with specialization in Child Development/Human Development and Family Studies	-
47	Food and Nutrition	Home Science with specialization in Food Science and Nutrition	-
48	Extension Education and Community Management	Home Science with specialization in Home Science Extension/Home Science Extension and Community Management.	-
49	Fisheries Resource Management	M. F. Sc. with specialization in Fisheries Resources (and) Management/ Fishery Biology.	-
50	Fish Processing Technology	M. F. Sc. with specialization in Fish Processing Technology/ Harvest & Post-Harvest Technology.	-
51	Fishing Technology & Engineering	M. F. Sc. with specialization in Fisheries Engineering/ Fisheries Engineering (and) Technology/ Fishing Technology and Fisheries Engineering/ Harvest & Post-Harvest Technology.	-
52	Aquatic Environment Management	M. F. Sc. with specialization in Aquatic Environment Management.	-
53	Aquaculture	M. F. Sc. with specialization in Aquaculture/ Inland Aquaculture/ Mariculture.	-
54	Aquatic Animal Health Management	M. F. Sc. with specialization in Aquatic Animal Health/ Aquatic Animal Health Management/ Fish Pathology and Health Management/ Fisheries Microbiology/ Fish Pathology and Microbiology.	-

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
55	Fish Nutrition and Feed Technology	M. F. Sc. with specialization in Fish Nutrition Feed Tech/ Fish Nutrition and Feed Technology/ Fish Nutrition and Biochemistry.	-
56	Fish Genetics and Breeding	M. F. Sc. with specialization in Fish Genetics & Breeding.	-
57	Fish Biotechnology	M. F. Sc. with specialization in Fish Biotechnology/ Fisheries Biotechnology.	-
58	Fish Physiology and Biochemistry	M. F. Sc. with specialization in Fish Physiology and Biochemistry/ Fish Nutrition and Biochemistry.	-
59	Forestry**	Forestry/Agroforestry/ Agronomy/Horticulture with specialization in Agroforestry.	-
60	Agricultural Meteorology	Agricultural Meteorology/ Agricultural Physics with specialization in Agricultural Meteorology.	-
61	Agricultural Physics	Agricultural Physics / Physics / Biophysics / Agricultural Meteorology / Soil Science / Environmental Science / Remote Sensing / Geo-informatics.	IARI-B.Sc. (10+2+3 system)
62	Agronomy	Agriculture with specialization in Agronomy/Soil Water Management/ Forage Production/ Water Science and Technology.	-
63	Soil Sciences	Agriculture/Horticulture with specialization in Soil Sciences/Soil Science & Agricultural Chemistry/ Agricultural Physics with specialization in Soil Physics and Soil and Water Conservation/Water Science and Technology.	IARI-B.Sc. (10+2+3 system)
64	Agricultural Chemicals	Agricultural Chemicals/Chemistry.	IARI-B.Sc. (10+2+3 system)
65	Agricultural Economics***	Agricultural Economics/Dairy/Animal Husbandry Economics/ Veterinary Economics/Fisheries Economics.	-
66	Agri. Business Management	Agribusiness Management/ Agricultural Marketing &Co- operation/ Agricultural Economics/ Business Management with	-

Code No.	Subject of specialization	Eligibility Qualifications [@] for SAUs/CAUs, etc. and/or ICAR-DUs (Master's Degree in)	Additional Eligibility Qualification at Bachelors level for IARI/NDRI
		specialization in Agriculture.	
67	Agricultural Extension Education ****	Agricultural Extension/ Extension Education/Communication/Veterinary Extension/Dairy Extension/Fisheries Extension.	-
68	Agricultural Statistics	Agricultural Statistics/Statistics/Biostatistics/Mathematical Statistics/Applied Statistics.	IARI-B.Sc. (10+2+3 system)
69	Bioinformatics	Bioinformatics/Molecular Biology/Biotechnology/Computer Science/Computer Application/Agri-informatics/Agricultural Statistics/Statistics/Mathematical Statistics/Biostatistics with Bioinformatics as a subject.	IARI-B.Sc. (10+2+3 system)
70	Computer Applications	Computer Science/Computer Application/Information Technology/ Post-graduate degree in any specialization of Computer Science.	IARI-B.Sc. (10+2+3 system)

@ For admission in State Veterinary universities/Veterinary colleges, only the candidates with BVSc& AH and M.V.Sc. (Vety. & A.H. Extension) shall be eligible.

- *For admission includes** : Food Process Engineering
- ** For admission includes** : Silviculture and Agroforestry
: Forest Biology and Tree Improvement
: Forest Products and Utilization
: Forest Resource Management
- *** For admission includes** : Fisheries Economics
- **** For admission includes** : Veterinary Extension Education
: Fisheries Extension

Note:

1. Candidate must fulfill the eligibility conditions as indicated above. They are generally eligible for pursuing Doctoral degree in the subject in which they have passed their post-graduation.
2. For certain subjects/courses, the universities may have different/additional eligibility condition/criteria than those listed above. It is the responsibility of the candidate to check his/her eligibility with the concerned university at the time of counseling.
3. For admission to Ph.D. degree programmes through the entrance examination, only the candidates having passed graduation with 4/5 (B.V.Sc.& A.H.)/6(10+6, BSc. Ag.) years degree programme and post-graduation from any public funded/Govt. institution will be eligible. Candidates passed out from private or Govt. Agricultural Universities/ their Constituent Colleges not accredited by ICAR, even though affiliated to public funded/Govt. institutions are not eligible for admission through this examination. Only those candidates from Private/Govt. Agricultural Universities/Colleges (accredited by ICAR) are eligible to appear in the examination who have completed their degree in programmes accredited by ICAR. In addition to this, 2 years' PG degree with thesis work is the essential requirements for admission to doctoral degree programmes in the AUs.**The candidates having passed with 3 years' UG degree programme are not eligible for Ph.D. admission through AICE-JRF/SRF (Ph.D.)-2022, except in few courses specified above at IARI and NDRI only.**

4. The candidates who have passed with 5 years' integrated M.Sc. degree programme are not eligible to seek admission to Ph.D. degree programmes through this examination.

3.3 Age Limit

Indian Nationals of at least 20 years of age as on 31.08.2022 are eligible to apply for the examination. No relaxation is permissible regarding the minimum age limit.

3.4 Instructions for in-service candidates

1. The in-service candidates will qualify for admission only if they come in the overall merit list of their concerned Subject and produce the Sponsorship Certificate/Declaration by their employer (**Annexure-XVIII**) for verification at the time of online counselling.
2. The in-service candidates must be working in ICAR Institutes, ICAR-DUs, SAUs, CAUs, CUs having faculty of agriculture, Central Government/State Government Departments dealing in Agriculture and Allied Sectors and Public Sector Undertakings dealing with Agriculture and Allied Sectors (**Annexure-XIX**).
3. At ICAR-IARI, New Delhi under (i) ICAR In-Service Scheme, and (ii) Faculty Upgradation Scheme, the Scientists working in ICAR Institutes and the Faculty Members of SAUs, respectively only are eligible for admission.
4. The in-service candidates qualifying for admission will arrange for study leave/leave of the kind due from their respective organizations themselves and ICAR will not intervene in this regard.
5. In case of in-service candidates, admission and fellowship will be granted provided the candidate joins the University other than where he/she is working.
6. In-service candidates must retain the computer generated hard copy of confirmation page of the application along with Sponsorship Certificate, in original, for showing to the university officials in the event of their qualifying the examination and recommendation for admission to the concerned university.
7. ***In no case, the computer generated hard copy of confirmation page of the application and Sponsorship Certificate (Declaration by the employer) should be sent by the candidate either to NTA or ICAR.***
8. The counselling of in-service candidates seeking admission on seats reserved for the purpose at ICAR-DUs (ICAR-IARI, ICAR-IVRI, ICAR-NDRI and ICAR-CIFE) will be done at respective ICAR-DU level only. Such candidates are, therefore advised to remain in touch with the respective ICAR-DU's website for further details such as no. of seats, eligibility requirements, counselling schedule, etc.