



भारतीय कृषि अनुसंधान परिषद्  
INDIAN COUNCIL OF AGRICULTURAL RESEARCH

कृषि भवन, डॉ राजेंद्र प्रसाद मार्ग, नई दिल्ली-110001  
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F. No. 14(1)/2015-Per.IV

Dated:27.03.2023

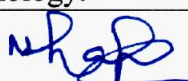
**Office Memorandum**

The minimum qualifications for direct recruitment of entry level ARS scientists through ARS examination was revised from Master's degree in the relevant subject to Ph.D. degree in the relevant subject vide Council's OM dated 11.11.2020, which necessitated revision of educational qualifications and syllabus for ARS disciplines.

2. On the recommendations of the ARS Committee, a new discipline of 'Veterinary Anatomy' has been included in the existing list of 59 ARS disciplines for recruitment of entry level ARS scientists, with the approval of Hon'ble AM and President, ICAR Society, with which the total number of ARS disciplines for direct recruitment of entry level scientists has increased from existing 59 to 60. Further, taking note of the decision conveyed vide OM dated 11.11.2020, the educational qualifications and syllabus of 60 ARS disciplines has also been revised with the approval of the Competent Authority. Accordingly, the list of 60 ARS disciplines (which includes newly created ARS discipline of "Veterinary Anatomy") along with revised educational qualifications is given below:

S. No.	ARS Discipline	Eligibility (Ph.D. in Disciplines)
1	Agri-Business Management	Agri-Business Management / Rural Management / Agricultural Economics / Management.
2	Agricultural Biotechnology	Molecular Biology & Biotechnology/ Bioinformatics/ Biotechnology/Agricultural Biotechnology/Genetics & Plant Breeding/Plant Breeding & Genetics/ Genetics/ Plant Breeding /Plant Biotechnology/ Plant Molecular Biology/Genetic Engineering.
3	Agricultural Chemicals	Agricultural Chemicals/ Agricultural Chemistry/ Chemistry.
4	Agricultural Economics	Agricultural Economics/Dairy Economics/ Veterinary Economics/Livestock Economics / Fisheries Economics/ Economics.
5	Agricultural Entomology	Entomology/Agricultural Entomology/Zoology.
6	Agricultural Extension	Agricultural Extension Education/ Agricultural Extension / Agricultural Extension and Communication/ Extension Education/Veterinary Extension/ Dairy Extension/ Fisheries Extension/ Agricultural Communication/ Home Science/ Community Science.

7	Agricultural Meteorology	Agricultural Meteorology/ Agricultural Physics/ Physics/Environmental Sciences/Water Science and Technology/ Meteorology/ Atmospheric Sciences/ Climate Sciences.
8	Agricultural Microbiology	Agricultural Microbiology/ Microbiology/Soil Science/ Soil Science andAgricultural Chemistry/ Environmental Science.
9	Agricultural Physics	Agricultural Physics/Physics/Biophysics/Agricultural Meteorology/ SoilScience/Environmental Sciences/ Geo-informatics.
10	Agricultural Statistics	Agricultural Statistics/Statistics/Applied Statistics/ Biostatistics/Mathematical Statistics.
11	Agricultural Structures and Process Engineering	Agricultural Process and Food Engineering/Civil Engineering/ Processing and Food Engineering/ Food Process Engineering/FoodProcessing Technology/ Dairy Engineering/Post Harvest Process Technology/ Post Harvest Engineering & Technology.
12	Agro-forestry	Agro-forestry/ Agronomy/ Forestry /Environmental Sciences.
13	Agronomy	Agronomy/ Soil Conservation & Water Management/ Water Science andTechnology/Natural Farming/ Organic Farming/ Sustainable Agriculture.
14	Animal Biochemistry	Veterinary Biochemistry/ Animal Biochemistry/ Veterinary Biotechnology/Animal Biotechnology.
15	Animal Biotechnology	Veterinary Biotechnology/ Animal Biotechnology/ Veterinary Biochemistry/Animal Biochemistry/Animal Genetics & Breeding/Animal Breeding & Genetics.
16	Animal Genetics and Breeding	Animal Genetics & Breeding/Animal Breeding & Genetics/. Veterinary Biotechnology/ Animal Biotechnology.
17	Animal Nutrition	Animal Nutrition/Veterinary Biochemistry/Animal Biochemistry.
18	Animal Physiology	Veterinary Physiology/Animal Physiology/Veterinary Biotechnology/Animal Biotechnology.
19	Animal Reproduction Gynaecology & Obstetrics	Animal Reproduction Gynaecology & Obstetrics/ Veterinary Gynaecology & Obstetrics.
20	Aquaculture	Aquaculture/Coastal Aquaculture /Fish Nutrition & Feed Technology/Fish Nutrition/Fish Nutrition & Biochemistry/ Aquatic Animal Health Management/ Fish Health Management/Fish Genetics & Breeding/ Aquaculture Engineering.
21	Fish Health	Aquatic Animal Health Management/Fish Health/Fish Health Management/Aquaculture/Fish Genetics & Breeding/Fish Biotechnology.





22	Bioinformatics	Bioinformatics/ Computational Biology/ Computer Application/ Computer Application and IT/ Computer Science/ Statistics/ Agricultural Statistics/ Biotechnology/ Agricultural Biotechnology/Molecular Biology and Biotechnology.
23	Computer Application and IT	Computer Application/ Computer Science/ Computer Science and Engineering/ Computer Engineering/ Computer Technology/ Information Technology/ Information Communication Technology/ Bioinformatics.
24	Dairy Chemistry	Dairy Chemistry/ Food Safety and Quality Assurance/Chemistry/Biochemistry.
25	Dairy Microbiology	Dairy Microbiology/ Food Safety & Quality Assurance/ Microbiology.
26	Dairy Technology	Dairy Technology/ Dairy Engineering/Food Science and Technology/Food Technology/ Livestock Products Technology.
27	Economic Botany & Plant Genetic Resources	Plant Genetic Resources/Genetics and Plant Breeding/Plant Breeding & Genetics/Seed Science & Technology/Genetics/ Plant Breeding/Economic Botany/ Agricultural Botany/Botany.
28	Electronics and Instrumentation	Electronics Engineering/ Electronics and Telecommunication Engineering /Electrical and Electronics Engineering/ Electronics and Instrumentation Engineering/ Instrumentation Engineering.
29	Environmental Science	Environmental Sciences/Agricultural Physics/Agro-forestry/Agricultural Meteorology/Soil Science/Soil Science and Agricultural Chemistry/ Agricultural Chemistry and Soil Science/ Agricultural Chemicals/ Agricultural Microbiology/ Microbiology.
30	Farm Machinery & Power	Farm Machinery and Power Engineering/ Farm Machinery and Power/ Renewable Energy Engineering/ Renewable Energy/ Mechanical Engineering.
31	Fish Genetics and Breeding	Fish Genetics & Breeding/ Fish Biotechnology/ Fish Genetics/ Aquaculture / Fish Physiology & Biochemistry.
32	Fish Nutrition	Fish Nutrition & Feed Technology/Fish Nutrition/Fish Nutrition & Biochemistry/ Fish Physiology & Biochemistry/Aquaculture
33	Fish Processing Technology	Fish Processing Technology/Post Harvest Technology/ Fish Quality Assurance and Management
34	Fisheries Resource Management	Fisheries Resource Management/ Aquatic Environment Management/ Fishing Technology & Fishery Engineering/ Marine Biology/ Aquatic Biology/ Aquaculture.
35	Floriculture and Landscaping	Floriculture and Landscaping/Floriculture and Landscape Architecture/Horticulture/Post Harvest Management/Post Harvest Technology.



36	Food Technology	Food Technology/ Food Science and Technology/ Agricultural Processing and Food Engineering/ Processing and Food Engineering/ Food Process Engineering/ Food Processing Technology/ Dairy Engineering/Dairy Technology/ Post-Harvest Process Technology/ Post-Harvest Engineering & Technology/ Livestock Products Technology/Food Science and Nutrition/ Food and Nutrition.
37	Fruit Science	Fruit Science/Floriculture and Landscape Architecture/ Floriculture and Landscaping/ Horticulture/Post Harvest Management/Post Harvest Technology/Vegetable Science/Plantation, Spices, Medicinal and Aromatic Crops.
38	Genetics & Plant Breeding	Genetics & Plant breeding/ Plant Breeding & Genetics/ Plant Genetic Resources/Seed Science & Technology/Genetics/ Plant Breeding/ Economic Botany/ Agricultural Botany/ Botany/Molecular Biology and Biotechnology/ Plant Molecular Biology/Plant Biotechnology/ Plant Sciences.
39	Home Science	Home Science/Community Science and other subjects related to Home Science.
40	Land & Water Management Engineering	Soil and Water Conservation Engineering/ Soil and Water Engineering/ Irrigation and Drainage Engineering/ Irrigation Water Management Engineering/ Water Science and Technology/ Land and Water Resources Engineering/Aquacultural Engineering.
41	Livestock Production and Management	Livestock Production & Management.
42	Livestock Products Technology	Livestock Products Technology/ Dairy Technology/ Dairy Engineering/ Food Science and Technology/ Food Technology.
43	Nematology	Nematology/ Entomology/ Plant Pathology/ Agricultural Entomology/ Zoology.
44	Plant Biochemistry	Plant Biochemistry/ Agricultural Biochemistry/ Biochemistry/Chemistry.
45	Plant Pathology	Plant Pathology/Agricultural Botany/Botany.
46	Plant Physiology	Plant Physiology /Crop Physiology/ Agricultural Botany/Botany.
47	Plantation, Spices, Medicinal and Aromatic Crops	Plantation, Spices, Medicinal and Aromatic Crops/ Horticulture/ Floriculture and Landscape Architecture/ Floriculture and Landscaping/ Post Harvest Management/Post Harvest Technology/Fruit Science/Vegetable Science.





48	Poultry Science	Poultry Science and other subjects relevant to Poultry Science.
49	Seed Science and Technology	Seed Science & Technology/Genetics & Plant Breeding/Plant Breeding & Genetics/Plant Genetic Resources/Genetics/Plant Breeding/ Economic Botany/ Agricultural Botany/ Botany/ Plant Sciences.
50	Soil Science	Soil Science/ Soil Science and Agricultural Chemistry/ Agricultural Chemistry and Soil Science/ Agricultural Chemistry/ Agricultural Physics/ Soil and Water Conservation/ Agricultural Microbiology/ Microbiology/ Soil Chemistry/ Soil Conservation and Water Management/ Environmental Science.
51	Textile Manufacture & Technology	Textile Technology/ Textile Manufacture/Textile Engineering/ Textile Chemistry/ Technical Textiles/ Textile Chemical Processing/ Fibre Science and Technology.
52	Vegetable Science	Vegetable Science/ Horticulture/ Floriculture and Landscape Architecture/ Floriculture and Landscaping/ Post Harvest Management/Post Harvest Technology/ Fruit Science/Plantation, Spices, Medicinal and Aromatic crops.
53	Veterinary Anatomy	Veterinary Anatomy/ Veterinary Anatomy and Histology/ Veterinary Anatomy, Histology and Embryology.
54	Veterinary Medicine	Veterinary Medicine/ Veterinary Preventive Medicines & Epidemiology/ Preventive Medicines, Epidemiology & Jurisprudence.
55	Veterinary Microbiology	Veterinary Microbiology/ Veterinary Bacteriology/ Veterinary Virology/ Veterinary Immunology/ Veterinary Public Health.
56	Veterinary Parasitology	Veterinary Parasitology/ Veterinary Pathology.
57	Veterinary Pathology	Veterinary Pathology/ Veterinary Microbiology/ Veterinary Bacteriology/ Veterinary Virology/ Veterinary Immunology/Veterinary Parasitology.
58	Veterinary Pharmacology	Veterinary Pharmacology and Toxicology/Veterinary Pharmacology/Pharmacology.
59	Veterinary Public Health	Veterinary Public Health and Epidemiology/ Veterinary Public Health/ Veterinary Epidemiology/ Veterinary Microbiology/Veterinary Bacteriology/ Veterinary Virology.
60	Veterinary Surgery	Veterinary Surgery & Radiology.

*W. H. A. S.*

3. This supersedes all previous orders regarding ARS disciplines for entry level ARS scientists and discipline-wise educational qualifications.



(Naresh Kr. Sharma)

Dy. Secretary (Pers.)

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