

Revised

**ICAR-NATIONAL DAIRY RESEARCH INSTITUTE
KARNAL-132001 (HR.)
WALK-IN-INTERVIEW**

The Walk-in-Interview for the positions of Research Associates/Senior Research Fellows/ Junior Research Fellows/ Young Professional-II, Project Assistant and Office Assistant in below mentioned project/scheme will be conducted at this Institute on the date/time and venue and other details shown against positions on contractual basis, which is co-terminus with the project/scheme. The eligible candidates are invited to appear before the Selection Committee for Walk-in-Interview at NDRI, Karnal.

Name of the project	No. & Name of the post and Emoluments	Duration	Place and Date of Interview	Qualifications
1. ICAR Young Professional Scheme under Non-Plan for UG & PG Lab DC Division , under Dr. (Ms.) Bimlesh Mann, Head, DC Division, NDRI, Karnal.	Young Professional-II 01 (One) Rs. 25,000/- Per Month (Fixed)	For One Year	DC Division, NDRI, Karnal On 29-08-2018 at 10:30 A.M.	<u>Essential Qualification:</u> Post Graduate Degree in Chemistry/ Dairy Chemistry.
2. DBT Research Project <i>“Development of early pregnancy diagnostic assay through discovery of biomarkers in cattle and buffalo”</i> under Dr. A.K. Dang, PS & PI, DCP Division, NDRI, Karnal.	SRF 01 (One) Rs. 28,000/- per month + HRA	Upto 09-05-2021	DCP Division, NDRI, Karnal on 31-08-2018 at 10:30 A.M	<u>Essential Qualification:</u> M.V.Sc/ M.Sc degree in any one of discipline/Subject: Animal Physiology/ Animal Biotechnology /Animal Biochemistry/ Veterinary Sciences/Life Sciences with 4 years/5 years of Bachelor’s degree with 2 years of research experience. Candidates having post graduate degree in Basic Sciences with 3 years Bachelor’s degree and 2 years Master’s degree should have NET qualification with 2 years of research experience. <u>Desirable:</u> Candidates having experience/ working knowledge in livestock experimentation/ conducting trials. Experience in developing an ELISA/Lateral Flow immunoassay will be preferred.
3. NASF Research Project <i>“Production of multiple copies of elite buffalo bulls using animal cloning</i>	SRF 01 (One) Rs. 25000/- per month + HRA for 1 st and 2 nd year, Rs. 28,000/- per	Upto 31-03-2022	ABTC NDRI, Karnal on 04-09-2018 at 10:30 A.M	<u>Essential Qualification:</u> Master's degree in any one of discipline/ Subject: Bioinformatics/ Biotechnology/ Animal Biotechnology/ Biochemistry/ Animal Biochemistry/ Life Sciences from a recognized University with 4

<i>technology</i> ” under Dr. P. Palta, PS & CCPI, ABTC, NDRI, Karnal.	month for 3 rd year.			years/5 years of Bachelor’s degree. Candidates having post graduate degree in Basic Sciences with 3 years Bachelor’s degree and 2 years Master’s degree should have NET qualification. Desirable: The candidate should have research experience in bioinformatics/animal tissue cell culture, in vitro embryo production, molecular biology etc.
4. ICSSR Research Project “ <i>Livelihood Vulnerability to Climate Change among the Changpa Pastoral Nomads of Leh-Ladakh</i> ” under Dr. Sanjit Maiti, Scientist, & PD, Dairy Extension Division, NDRI, Karnal.	Research Associate 01 (One) Rs. 16,000/- per month (Fixed)	Upto 14-01-2020	Dairy Extension Division, NDRI, Karnal on 06-09-2018 at 10:30 A.M	Essential Qualification: Master's degree in any one of discipline/ Subject: Dairy Science/ Agricultural Science/Animal Husbandry & Veterinary Science/ Life Science/ Geography/ Anthropology/ Economics. Desirable: (i) The candidate should have working knowledge in RS and GIS (ii) Working experience in hilly region (iii) Proficiency in computer application particularly use of MS office and SPSS/SAS
5. ICAR Young Professional Scheme under Non-Plan in National Referral Centre for Milk Quality and Safety, (DC Division) under Dr. Rajan Sharma, PS, DC Division, NDRI, Karnal.	Young Professional-II 01 (One) Rs. 25,000/- Per Month (Fixed)	For One Year	Referral Lab. ABTC NDRI, Karnal on 10-09-2018 at 10:30 A.M	Essential Qualification: Post Graduate Degree in Dairy Chemistry/ Food Science/ Food Technology/ Analytical Chemistry/ Biochemistry/ Biotechnology.
6. DBT Research Project “ <i>Field Application of Salivary Fern Pattern based Estrus Detection in Buffaloes using Foldscope</i> ” under Dr. Suneel Kumar Onteru, Sr. Scientist & PI, ABC Division, NDRI, Karnal.	JRF 01 (One) Rs. 25000/- per month + HRA	Upto 20-03-2019	ABC Division, NDRI, Karnal on 12-09-2018 at 10:30 A.M	Essential Qualification: Post Graduate Degree in any one of discipline/ Subject: Animal Biochemistry/ Biochemistry/ Animal Biotechnology/ Biotechnology/ Veterinary Biochemistry/ Livestock Production & Management, Veterinary Gynecology & Obstetrics/Animal Genetics & Breeding/Animal Physiology/Life Science or any discipline of Life Sciences with NET qualification OR Graduate Degree in any one of discipline/ Subject of Professional

				<p>Course with NET qualification OR Post Graduate Degree in any one of discipline/ Subject of Professional Course.</p> <p>Desirable: Desired to work with buffaloes in the field conditions, handling buffaloes, communication skills with farmers, basic microscopy techniques and ability to work in team.</p>
<p>7. NASF Research Project <i>“Development of a rapid and robust high throughput reporter cell based bioassay for detection of xenobiotics in milk”</i> under Dr. Dheer Singh, Head & PI, ABC Division, NDRI, Karnal.</p>	<p>RA 01 (One) Rs. 40,000/- per month + HRA as applicable for Ph. D and Rs. 38000/- per month + HRA as applicable for Master Degree with 2 years experience</p>	<p>Upto 31-03-2020</p>	<p>ABC Division NDRI, Karnal On 12-09-2018 at 10:30 A.M.</p>	<p>Essential Qualification: Ph.D degree in any one of discipline/Subject: Animal Biochemistry/Biochemistry/Animal Biotechnology/Biotechnology /Life Sciences or any disciplines of life sciences.</p> <p>OR Master’s degree in any one of above discipline/Subject: with 4 years/5 years of Bachelor’s degree having 1st division or 60% marks or equivalent overall grade point average, with at least two years of research experience as evidenced from Fellowship/Associateship/ Training /other engagements.</p> <p>Desirable: Experience in Cell culture and handling cell lines like HepG2 cell line etc.; Gene expression, Real-time PCR and high-throughput expression analysis with bioinformatics knowledge.</p>
<p>8. NASF Research Project <i>“Valorization of industrially produced soybean and groundnut de-oiled meals/cakes by extraction, purification and production of protein isolates”</i> under Dr. (Ms.) Suman Kapila, PS & CPI, Animal Biochemistry Division, NDRI, Karnal.</p>	<p>SRF 01 (One) Rs. 25000/- per month + HRA for 1st and 2nd year, Rs. 28,000/- per month for 3rd year.</p>	<p>Upto 31-03-2020</p>	<p>ABTC NDRI, Karnal on 14-09-2018 at 10:30 A.M</p>	<p>Essential Qualification: Master's degree in any one of discipline/ Subject: Biochemistry/Animal Biochemistry/Microbiology/Dairy Microbiology/Biotechnology/ Animal Biotechnology/Molecular Biology with 4 years/5 years of Bachelor’s degree. Candidates having post graduate degree in Basic Sciences with 3 years Bachelor’s degree and 2 years Master’s degree should have NET qualification.</p> <p>Desirable: Experience in the area of functional foods /Nutraceuticals along with hands on knowledge of routine techniques in Biochemistry /Molecular Biology/ Microbiology /Tissue culture /Small animal model</p>

				handing etc.
9.NASF Research Project “ <i>CRISPR/CAS9 guided functional analysis of genes regulating early embryonic survival in buffalo</i> ” under Dr. D. Malakar, PS& PI, ABTC NDRI, Karnal.	RA 01 (One) Rs. 40,000/- per month + HRA as applicable for Ph. D and Rs. 38000/- per month + HRA as applicable for Master Degree with 2 years experience	Upto 31-03-2020	ABTC NDRI, Karnal On 17-09-2018 at 10:30 A.M.	Essential Qualification: Ph.D degree in any one of discipline/Subject: Biotechnology /Modern Life Sciences OR Master’s degree in any one of above discipline/Subject: with 4 years/5 years of Bachelor’s degree having 1 st division or 60% marks or equivalent overall grade point average, with at least two years of research experience as evidenced from Fellowship/Associateship/ Training /other engagements. Desirable: The candidate should have research experience preferably in one or more of the following areas: In vitro maturation and fertilization, micromanipulations of oocytes and embryos, superovulation and synchronization, Cell culture, embryonic gene expression analysis, isolation of mRNA, cDNA preparation, Real-Time PCR, Microarray, Functional genomics, Molecular Biology or related areas.
10. SERB-DST Research Project “ <i>Genome Editing of MFGE8 and SI00 Genes in Bovine Mammary Epithelial Cells to Understand their Role in Milk Production</i> ” under Dr. A.K. Mohanty, PS & PI, ABTC, NDRI, Karnal.	SRF 01(One) Rs. 28000/- per month + HRA	Upto May, 2021	ABTC, NDRI, Karnal On 19-09-2018 at 10:30 A.M.	Essential Qualification: Post Graduate Degree in any one of discipline/Subject: Biotechnology/ Biochemistry/Life Sciences (Mammalian Biology) with NET OR Graduate Degree in any one of above discipline/ Subject of Professional Course with NET qualification OR Post Graduate Degree in any one of discipline/ Subject of Professional Course qualification with two years of research experience . Desirable: Experience in Molecular and Cell Biology/ Genome Editing/ Mammalian Cell Culture related to Animal Biotechnology.
11. NAHEP Research Project “ <i>Incentivizing Dairy Education through</i> ”	Young Professional-II 01 (One) Rs. 25,000/- per month (Fixed)	Upto 31-03-2021	ABTC, NDRI, Karnal On 19-09-2018	Essential Qualification: Master’s degree in any one of discipline/Subject: with first division in Biotechnology /Biochemistry/Life Sciences.

<p><i>Innovative Learning Approaches</i> under Dr. A.K. Mohanty, PS, ABTC, NDRI, Karnal.</p>			<p>at 10:30 A.M.</p>	<p><u>Desirable:</u> Exposure/experience in the area of Proteomics, HPCL and Mass Spectrometry.</p>
<p>12. InsPIRE Network for Environment Research Project “Up gradation of methane emission factors for Indian Livestock and Preparation of Inventory of Green House Gases (GHGs) from Indian Livestock” under Dr. (Ms.) Madhu Mohini, PS & PI, DCN Division, NDRI, Karnal.</p>	<p>Office Assistant 01 (One) Rs. 10,000/- PM (fixed)</p>	<p>Upto 31-12-2018</p>	<p>DCN Division, NDRI, Karnal on 22-09-2018 at 10:00 A.M</p>	<p><u>Essential Qualification:</u> Graduate from a recognized University with good communication skill in English (Written and Spoken) and computer literacy i.e. MS Office, specially MS-Excel (Graph Preparation etc.)</p>
<p>13. DBT Research Project “<i>Mitochondrial DNA Haplotypes as Candidate Biomarkers for Prediction of Reproductive Efficiencies in Buffalo</i>” under Dr. Sadeesh E.M, Scientist (SS), Animal Biochemistry Division, NDRI, Karnal.</p>	<p>Project Assistant 01(One) Rs. 15,000/- per month (Fixed)</p>	<p>Upto August, 2021</p>	<p>Animal Biochemistry Division, NDRI, Karnal on 24-09-2018 at 10:30 A.M.</p>	<p><u>Essential Qualification:</u> B.Sc Degree with first division in any one of Subject: Biology/ Botany/ Chemistry/Zoology with one year working experience in research Lab. <u>Desirable:</u> Knowledge of working with MS word, MS excel.</p>
<p>14. NASF Research Project “<i>Improving the usability of buffalo spermatozoa by sperm surface remodelling and immune acceptance in</i>”</p>	<p>SRF 01 (One) Rs. 25000/- per month + HRA for 1st and 2nd year, Rs. 28,000/- per month for 3rd year.</p>	<p>Up to 31-03-2020</p>	<p>ABTC, NDRI, Karnal On 26-09-2018 at 10:30 A.M.</p>	<p><u>Essential Qualification:</u> Master's degree in any one of discipline/ Subject: Animal Biotechnology/ Animal Biochemistry /Life Sciences from a recognized University with 4 years/5 years of Bachelor's degree. Candidates having post graduate degree in Basic Sciences with 3 years Bachelor's degree and 2 years Master's degree should have NET</p>

<p><i>female reproductive tract</i> under Dr. T.K. Datta, PS & PI, ABTC, NDRI, Karnal.</p>				<p>qualification. Desirable: Experience of working in the area of IVF, molecular biology and Cell Biology.</p>
<p>15. BMGF Research Project “Molecular Markers for Improving Reproduction of Cattle and Buffaloes” under Dr. T.K. Datta, PS & PI, ABTC, NDRI, Karnal.</p>	<p>RA 02 (Two) Rs. 40,000/- per month + HRA as applicable for Ph. D and Rs. 38000/- per month + HRA as applicable for Master Degree with 2 years experience</p>	<p>Up to 31-07-2023</p>	<p>ABTC, NDRI, Karnal On 28-09-2018 at 10:30 A.M.</p>	<p>Essential Qualification: Ph.D degree in any one of discipline/ Subject: Biotechnology/ Biochemistry/ Life Sciences OR Master’s degree in any one of above discipline/Subject: with 4 years/5 years of Bachelor’s degree having 1st division or 60% marks or equivalent overall grade point average, with at least two years of research experience as evidenced from Fellowship/Associateship/ Training /other engagements. Desirable: (i) Working experience on protein chemistry, sperm biology. (ii) Working experience in large animals with gene expression analysis, miRNA profiling, bioinformatics and handling NGS data.</p>
<p>16. BMGF Research Project “Molecular Markers for Improving Reproduction of Cattle and Buffaloes” under Dr. T.K. Datta, PS & PI, ABTC, NDRI, Karnal.</p>	<p>SRF 02 (Two) Rs. 25000/- per month + HRA for 1st and 2nd year, Rs. 28,000/- per month for 3rd year.</p>	<p>Up to 31-07-2023</p>	<p>ABTC, NDRI, Karnal On 01-10-2018 at 10:30 A.M.</p>	<p>Essential Qualification: Master's degree in any one of discipline/ Subject: Animal Biotechnology/ Animal Biochemistry /Life Sciences from a recognized University with 4 years/5 years of Bachelor’s degree. Candidates having post graduate degree in Basic Sciences with 3 years Bachelor’s degree and 2 years Master’s degree should have NET qualification. Desirable: (i) Working experience in the area of IVF, molecular biology and Cell Biology. (ii) Research experience in the area of proteomics, and Molecular Biology techniques.</p>
<p>17. BMGF Research Project “Molecular Markers for Improving</p>	<p>SRF 03 (Three) Rs. 25000/- per month + HRA for 1st and 2nd</p>	<p>Up to 31-07-2023</p>	<p>ABTC, NDRI, Karnal On 04-10-2018</p>	<p>Essential Qualification: Master's degree in any one of discipline/ Subject: Animal Biotechnology/ Animal Biochemistry /Life Sciences from a recognized University with 4</p>

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<p>Reproduction of Cattle and Buffaloes” under Dr. T.K. Datta, PS & PI, ABTC, NDRI, Karnal.</p>	<p>year, Rs. 28,000/- per month for 3rd year.</p>		<p>at 10:30 A.M.</p>	<p>years/5 years of Bachelor’s degree. Candidates having post graduate degree in Basic Sciences with 3 years Bachelor’s degree and 2 years Master’s degree should have NET qualification. Desirable: (i) Experience in proteomics, western blotting, ELISA, Lateral Flow based assay. (ii) Experience in animal handling (cattle and buffalo), collection of samples (urine, blood and Saliva), Development of ELISA, Lateral Flow Assay, Protein based assays, Surface Plasmon Resonance etc. (iii) Experience in the area of semen biology/ molecular genetics.</p>
<p>18. BMGF Research Project “Molecular Markers for Improving Reproduction of Cattle and Buffaloes” under Dr. T.K. Datta, PS & PI, ABTC, NDRI, Karnal.</p>	<p>Office Assistant 02 (Two) Rs. 15,000/- per month fixed</p>	<p>Up to 31-07-2023</p>	<p>ABTC, NDRI, Karnal On 06-10-2018 at 10:30 A.M.</p>	<p>Essential Qualification: Graduate from a recognized University. Desirable: Communication skill in English (Written & Spoken). Knowledge in office procedures, Govt. rules, noting, drafting, tabulation, account keeping. Thorough command on working with computers handling MS Office, EXEL, Data Sheet, Internet etc.</p>

Age Limit:

- 40 year for Men and 45 years for Women in case of RA on the date of Interview.
- 35 year for Men and 40 years for Women in case of SRF on the date of Interview.
- 30 year for Men and 35 year for Women in case of JRF on the date of Interview.
- 21 to 45 for Young Professional-II.
- 21 to 45 years on the date of Interview for Office Assistant.
- 21 to 35 years on the date of Interview for Project Assistant.

(Relaxation for SC/ST/OBC and PHC as per GOI/ICAR rules)

The above positions are purely temporary and will be filled in on Contractual basis. The selected candidate shall have no right/claim for regular appointment at this Institute, as the engagement is co-terminus with the Project/Scheme. Interested candidates may attend Walk-in-Interview on the dates as indicated against each project/scheme alongwith original certificates and typed bio-data with one set of attested copies of each their certificates with passport size photograph. No TA/DA will be paid for attending the interview.

All eligible candidates are advised to be present at least 30 minutes before scheduled time on the date of interview for completing necessary formalities. Canvassing in any form will disqualify the candidates.

Note: (1) Those candidates who are already working in any project/scheme/organization Should bring “No Objection Certificate” from his present employer.

- (2) **On the date of Walk-In-Interview required Degree Certificate should be in hand.**
- (3) **The experience will be counted after acquiring the basic minimum qualifications.**
- (4) **AS per ICAR OM No. Agril Edn.6/27/2014-HRD dated 9th October, 2015, the Ph.D degree holders are eligible for both RAs/SRFs.**

Application format: Name, Fathers Name, Date of Birth, Full Present and Permanent address with Telephone Numbers and email address, Category: General/SC/ST/OBC, Qualification details with percentage marks from matriculation/high school onwards (starting from the highest qualification first), Previous Experience, if any, self declaration regarding truthfulness in the application, signature with date and place.

Sd/-
Senior Administrative Officer