

The minimum essential qualifications, experience, etc. for all the above posts are as under:-

Post Code : S-01 : 1 Post [OBC(NCL)-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. Submitted. <u>Areas:</u> Statistics / Mathematics.	Minimum Two Years of Work Experience in Statistical Analysis/ Data Processing/ Data Analysis. OR Diploma/Certificate course in Project Planning and Management.	To actively contribute in planning and monitoring of R&D and allied activities of the institute including teaching.
Post Code : S-02 : 1 Post [UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech having B.E /B.Tech degree. OR Ph.D. (Engg.) submitted having B.E /B.Tech degree. <u>Areas:</u> Computer Science & Engineering/ Computer Engineering/ Information Technology.	Minimum Two Years of Work Experience in Computer applications/ Machine Learning/ Data Analytics/ Artificial Intelligence/ Information Technology /Data Analysis.	To coordinate with other departments and teaching computer applications.
Post Code : S-03 : 1 Post [UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech having B.E /B.Tech degree. OR Ph.D. (Engg.) Submitted having B.E /B.Tech degree. <u>Areas:</u> Mechanical Engineering/ Mechatronics.	Minimum Two Years of Work Experience in design and development of equipment.	To carry out R&D in the design of food processing equipment including traditional food machinery and also to carry out research in the area of food processing and technology development.
Post Code : S-04 : 1 Post [UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. (Sci.) Submitted <u>Areas :</u> Chemistry/ Analytical Chemistry.	Minimum Two Years of Work Experience in Analysis / Analytical methods in NABL accredited laboratories.	To carry out Food analysis for quality control including development of methods/Protocols.

Post Code : S-05 : 7 Posts [OBC(NCL)-02, SC-01, ST-01, EWS-01, UR-02]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech OR Ph.D. (Engg. /Sci.) submitted. <u>Areas:</u> Food Technology/ Food Engineering & Technology / Food Process Engineering/ Food Processing Technology/ Food Science & Technology.	(1) Minimum Two Years of Work Experience in different aspects of Food Processing/ Food Production / Food Science & Technology including Meat, Fish and Poultry related fields/ Food Packaging/ Fruits and Vegetables Process/ Baking and Confectionery/ Oil & Fat processing. OR (2) PG Diploma in any one of the above areas.	To carry out R&D in Food Technology related to Meat, Fish Product / Process Development/ Food Packaging / Fruits and Vegetables process/ Product Development/ Baking and Confectionery Technology/ Traditional Foods/Oil seed Technology and Food Processing.
Post Code : S-06 : 1 Post [UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. (Sci.) Submitted. <u>Areas:</u> Biotechnology / Industrial Biotechnology / Plant Biotechnology.	Minimum Two Years of Work Experience in Plant/ Algal Biotechnology/ Downstream Processing.	To carry out R&D activities in the areas of Plant Tissue Culture /Plant Biotechnology
Post Code : S-07 : 2 Posts [SC-01, UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech <u>Areas:</u> Biotechnology/ Industrial Biotechnology/ Bioprocess Engg. OR Ph.D. (Sci.) Submitted <u>Areas:</u> Biotechnology /Microbiology/ Bioprocess Engineering.	Minimum Two Years of Work Experience in Biotechnology/ Fermentation/ Downstream Processing.	To carry out R&D activities in the areas of Biotechnology/ Metagenomics/ Gene Technologies in Food Fermentation and Microbial Sanitation.
Post Code : S-08 : 1 Post [UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. (Sci.) Submitted <u>Areas:</u> Chemistry/Entomology/Zoology.	Minimum Two Years of Work Experience in Biofumigation/Storage of Food Grains.	To carry out research in Food Grain Storage, Pest & Infestation control.

Post Code : S-09 : 2 Posts* [UR-01, OBC(NCL)-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech OR Ph.D. (Engg. /Sci.) submitted. <u>Areas:</u> Food Technology/ Food Engineering & Technology / Food Science & Technology/ Food Process Engineering/ Food Processing Technology/ Food Technology & Management.	A full-time MBA degree or PG Diploma with specializations in Technology Management /Marketing/ Entrepreneurship. OR Minimum Two Years of Work Experience in Market Research/ Financial Modeling/ Business Planning and Incubation/Technology Transfer.	Liaising with the Industry in supporting the projects and technology transfer activities (entrepreneurs and institutional clients).
Post Code : S-10 : 1 Post [OBC(NCL)-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech having B.E /B.Tech degree. OR Ph.D. (Engg.) submitted having B.E / B.Tech degree. <u>Areas:</u> Chemical Engineering/ Mechanical Engineering.	Minimum Two Years of Experience in the application of Artificial Intelligence /Mechatronics/ Interfacing processing with equipment/ Machine Learning and Database Management Systems.	To contribute in the development of Food Processing Equipment/ Food Process Development.
Post Code : S-11 : 1 Post [UR-01]		SCIENTIST
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech having B.E /B.Tech degree. OR Ph.D. (Engg. /Sci.) (Submitted) having B.E / B.Tech degree. <u>Areas:</u> Mechanical Engineering/ Production Engineering/ Electronics & Communication Engineering.	(1) Minimum Two Years of Work Experience in Food Processing/ Grain Processing. OR (2) Minimum Two Years of Work Experience in Design software like CAD/ CATIA/Pro E/ Ansys etc.	To carry out R&D in the Design of Grain Processing Machinery, Grain Processes and Technology Development.
Post Code : S-12 : 1 Post [ST-01]		SCIENTIST (For RC GUWAHATI)
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M. Tech OR Ph.D. (Engg. /Sci.) submitted.	Minimum Two Years of Work Experience in Production/ Process Development/ Product Development/ Food Processing & Technology/ Industrial Liasioning.	To carry out Liaison activities with Food Industries/Govt. Agencies in coordination with Head Quarters and to carry out

<u>Areas:</u> Food Engineering & Technology / Food Technology/Food Science & Technology/ Food Process Engineering/ Food Processing Technology/Food Technology & Management/Biotechnology.		R&D in the Food Processing and Technology Development.
Post Code : S-13 : 1 Post [SC-01]		SCIENTIST (For RC BENGALURU)
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech OR Ph.D. (Engg. /Sci.) submitted. <u>Areas:</u> Food Engineering & Technology / Food Technology/Food Science & Technology/ Food Process Engineering/ Food Processing Technology/Food Technology & Management/Biotechnology.	Minimum Two Years of Work Experience in Production/ Process Development/ Product Development/ Food Processing & Technology/ Industrial Liasioning.	To carry out Liaison activities with Food Industries/Govt. Agencies in coordination with Head Quarters and to carry out R&D in the Food Processing and Technology Development.
Post Code : S-14 : 2 Posts [OBC(NCL)-01, EWS-01]		SCIENTIST (For RC MUMBAI)
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech. OR Ph.D. (Engg. /Sci.) submitted. <u>Areas:</u> Food Engineering & Technology / Food Technology/Food Science & Technology/ Food Process Engineering/ Food Processing Technology/Food Technology & Management/Biotechnology.	Minimum Two Years of Work Experience in Production/ Process Development/ Product Development/ Food Processing & Technology/ Industrial Liasioning.	To carry out Liaison activities with Food Industries/Govt. Agencies in coordination with Head Quarters and to carry out R&D in the Food Processing and Technology Development.
Post Code : S-15 : 2 Posts [UR-01, SC-01]		SCIENTIST (For RC LUCKNOW)
Pay Matrix : Level 11 (Rs.67,700-2,08,700)		
Essential Qualification(s)	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
M.E /M.Tech. OR Ph.D. (Engg. /Sci.) submitted. <u>Areas:</u> Food Engineering & Technology / Food Technology/Food Science & Technology/ Food Process Engg. / Food Processing Technology/Food Technology & Management/ Biotechnology.	Minimum Two Years of Work Experience in Production/ Process Development/ Product Development/ Food Processing & Technology/ Industrial Liasioning.	To carry out Liaison activities with Food Industries/Govt. Agencies in coordination with Head Quarters and to carry out R&D in the Food Processing and Technology Development.

Post Code : SS-01 : 1 Post [UR-01]		SENIOR SCIENTIST
Pay Matrix : Level 12 (Rs. 78,800-2,09,200)		
Essential Qualification & Experience	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. (Sci.) with Two years of relevant experience having M.Sc. in Fishery Science/ Animal Science/Meat Science.	Additional Two Years of Work Experience in Process Development/ Product Development. Research Experience evidenced by Publications/ Patents/Products.	To carry out R&D in the areas of Process/Product Development in Meat Processing besides Teaching.
Post Code : SS-02 : 1 Post [UR-01]		SENIOR SCIENTIST
Pay Matrix : Level 12 (Rs. 78,800-2,09,200)		
Essential Qualification & Experience	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
<p>Ph.D. (Engg.) in Food Technology having B.E/B.Tech in Food Technology related fields.</p> <p style="text-align: center;">OR</p> <p>Ph.D. (Sci.) with Two years of relevant experience having M.Sc. in Food Processing/ Food Science & Technology/ Food Technology/ Biotechnology.</p>	<p>(1) For Ph.D. (Engg.):-</p> <p>Two Years of Work Experience in broad spectrum areas of Food Processing, Food Technology, Marketing etc. Research Experience evidenced by Publications/ Patents/ Products.</p> <p style="text-align: center;">OR</p> <p>M.B.A in Marketing/Business Development.</p> <p>(2) For Ph.D. (Sci.):-</p> <p>Additional Two Years of Work Experience in broad spectrum areas of Food Processing, Food Technology, Biotechnology, Marketing etc. Research Experience evidenced by Publications/ Patents /Products.</p> <p style="text-align: center;">OR</p> <p>M.B.A in Marketing/Business Development.</p>	To take care of transfer of technology, liasioning with the industries in supporting the projects and technology transfer activities (Entrepreneurs and institutional clients) besides Teaching.
Post Code : SS-03 : 1 Post [UR-01]		SENIOR SCIENTIST
Pay Matrix : Level 12 (Rs. 78,800-2,09,200)		
Essential Qualification & Experience	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
<p>Ph.D. (Sci.) with 2 years of relevant experience.</p> <p><u>Areas :</u> Chemistry/Biotechnology/ Toxicology/Entomology/ Zoology.</p>	Additional Two Years of Work Experience in Biofumigation/ Storage of Food Grain/ Safety Evaluation. Research Experience evidenced by Publications/ Patents/ Products.	To carry out research in Food Grain Storage, Pest & Infestation Control besides Teaching.

Post Code : PS-01 : 1 Post [UR-01]		PRINCIPAL SCIENTIST
Pay Matrix : Level 13 (Rs.1,23,100-2,15,900)		
Essential Qualification & Experience	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. (Sci.) with 3 years of relevant experience having M.Sc. in Zoology/ Entomology/ Biotechnology/ Toxicology.	Additional Two years of Work Experience in Post Harvest Management of the stored food products. Research Experience evidenced by Publications/ Patents/ Products.	To carry out R&D in the areas of Stored product and house hold Entomology on Biofumigation, Prophlaxis, Biopesticides for Infestation Control of stored food products besides Teaching.
Post Code : PS-02 : 1 Post [UR-01]		PRINCIPAL SCIENTIST
Pay Matrix : Level 13 (Rs.1,23,100-2,15,900)		
Essential Qualification & Experience	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. (Sci. /Engg.) in Food Science/Food Technology/Food Engineering/ Food Process Engineering/Food Engineering & Technology/Chemical Engineering/ Biotechnology/ Bioprocess Engineering with 3 years of relevant experience.	Additional Two years of Work Experience in the areas of Fermentation/Process Scale-up/ Bioengineering/ Downstream Processing/ Process Development. Research Experience evidenced by Publications/ Patents /Products.	To carry out R&D in the area of Process Development/ Product Development, Downstream Processing, advanced unit operations besides Teaching. To undertake externally funded projects independently.
Post Code : PS-03 : 1 Post [UR-01]		PRINCIPAL SCIENTIST
Pay Matrix : Level 13 (Rs.1,23,100-2,15,900)		
Essential Qualification & Experience	Desirable Qualification(s)/Experience	Job Requirements/Nature of Job
Ph.D. with 3 years of relevant experience having B.E /B.Tech in Food Engineering/ Food Process Engineering/ Chemical Engineering/ Mechanical Engineering/ Production Engineering.	Additional Two years of Work Experience in the areas of Process Engineering, Project Engineering, Execution of Projects, Scale-up operations in Food/ Fermentation Process. Research Experience evidenced by Publications/ Patents/ Products.	To carry out R&D in the areas of Plant Design / Food Process Development/ Product Development/ Execution of Turn Key Projects/Advanced areas of unit operations besides Teaching.

***Note: One Post is reserved for PwBD (OH) from the post code S-09**

Abbreviations: UR - Unreserved, SC-Scheduled caste, ST-Scheduled Tribe, EWS - Economically Weaker Section, OBC (NCL) - Other Backward Classes (Non Creamy Layer), PwBD - Persons with Benchmark Disability, OH- Orthopaedically Handicapped.

Selected candidate will have to undertake research development and innovative product development activities in the core areas of the institute. In addition to the R&D activities, consultancy, sponsored/Grant-in-aid projects are also to be handled either independently or in a team.