

Advertisement No.FRI-1 (SJRF) /2010

No.5-1/2010-RCS (Appoint.)B Forest Research Institute Indian Council of Forestry Research & Education

P.O. New Forest, Dehradun

Director, Forest Research Institute, Dehradun invites applications for the engagement of Senior Research fellow and Junior Research fellow in following ICFRE funded projects.

S. No	Position/ Division/ Period of engagement	Project	Educational Qualification
1.	Senior Research Fellow (1 No.) (P.I. Dr. Vimal Kothiyal) Forest Products Division , 3 years	Heterogeneity study between and within species using near infrared spectroscopy and assess wood quality	1 st class M. Sc in physics/ Wood science and technology with minimum two years of research experience in the field of "NIR Application in Wood Science and Technology".
2.	Senior Research Fellow (1 No.) , (P.I. Dr. Anup Chandra) Botany , 3 years	Establishment of molecular taxonomy facilities and molecular characterization of Bambusa species	1 st class M. Sc in Botany/ Biotechnology/ Forestry/ Agriculture with minimum two years of research experience. Desirable: Research experience in molecular taxonomy
3.	JRF (1 no.),Chemistry Division/ (PI Dr. Vineet Kumar), 3 Years	Refining of process for detoxification of <i>Jatropha curcas</i> seed oil	1 st class M.Sc in Organic/Pharmaceutical/ Natural Products/ Analytical Chemistry
4.	JRF (1 No.) Chemistry Division/ , (PI-Dr. Rashmi), 3 Years	Phytochemical studies on medicinally important <i>Diploknema butyracea</i> (Indian Butter Tree) seeds	1 st class M.Sc in Organic/Pharmaceutical/ Natural Products/ Analytical Chemistry
5.	JRF ((1 No.))Chemistry Division/ (PI-Dr. Pradeep Sharma), 3 Years,	Phytochemical examination of <i>Acacia albida</i> .	1 st class M.Sc in Organic/Pharmaceutical/ Natural Products/ Analytical Chemistry
6.	JRF (1 No.), P.I. Dr. M.K. Gupta FSLR, 4 Years	"Soil organic carbon store under different land uses in Haryana"	1 st class M.Sc. in Forestry or Soil Science. Desirable: Experience in Soil analysis will be preferred
7.	JRF (1 No.) Genetics and Tree Propagation Division (PI: Dr Santan Barthwal) 3 Years	"Development of DNA-marker based technique for <i>Pinus roxburghii</i> and <i>Cedrus deodara</i> for wood/timber forensics"	1 st class M.Sc. in Biotechnology /Botany / Plant Sciences / Agriculture / Forestry Desirable: working knowledge in the area of DNA Markers / Microsatellite Markers.
8.	JRF ((1 No.)) C&P Division (P.I: Dr. Sanjay Naithani) 3 Years	"Effect of improved operational parameters on hydrolysis of lignocellulosic biomass to enhance total reducing sugar yield for bioethanol production "	1 st class M.Sc. in Biotechnology. Desirable: 1. one year experience in handling of microorganism/enzymes. 2. Knowledge of fermentation technology.
9.	JRF ((1 No.)) C&P Division (P.I. Dr. Sanjay Naithani), 3 Years	"Biodeinking of wastepaper"	1 st class M.Sc. in Microbiology. Desirable: experience in isolation and screening of microbes and enzyme production/ Knowledge of pulping, deinking and papermaking.
10.	JRF (2 No.) NWFP Division (-P.I: Dr. Lokho Puni), -3 Years	Data compilation of R & D in Medicinal and Aromatic Plants by ICFRE Institutes and Other Institutional Projects funded by ICFRE	1 st class M.Sc. in Forestry / Botany./ Biochemistry / organic chemistry
11.	JRF (1 No.) NWFP Division -(P.I. Dr. Lokho Puni), -3 Years	Field trials for increasing NWFP productivity using <i>Piper pedicellatum</i>	1 st Class M.Sc Agriculture / Forestry
12.	JRF ((1 No.)), Forest Informatics Division (P.I. Shri Neelesh) 6 months	Digitization & development of software database system for pathology herbarium of FRI, Dehradun	MCA or M.Sc.(Computer Science or IT) Desirable: Specialization and/or experience in web technology /PHP, My SQL/NET development
13.	JRF (1 No.) (P.I. Dr. A.K. Tripathi) Ecology & Environment Division, 3 years	Study of bioaccumulation of heavy of heavy metals and its impact on different plant species	Ist class MSc. in Environmental Science/ Chemistry.
14.	JRF , (1 No.) (P.I. Dr. Sangeeta Gupta)	Study on wood anatomy of Indian shrubs for the purpose of their identification and	Ist class MSc. in Botany

	Botany, 3 years	efficient utilization	
15.	JRF (1 No.) (P.I. Dr. Ajay Thakur) Botany, 3 years	Development of micro propagation protocol for mature superior recombinants emanating from F2 generations of Eucalyptus hybrid <i>E. citrodora</i> Hook. x <i>E. torelliana</i> F.v. Muell.	Ist class MSc. in Botany/Biotechnology/Forestry/Agriculture Desirable: Research experience in plant tissue culture
16.	JRF (Dr. S.P. Chaukiyal) Botany, 4 years	Nodulation, nitrogen fixation and root initiation studies in <i>Myrica esculenta</i> Ham.	Ist class MSc. in Botany/ Forestry
17.	JRF, (1 No.) (P.I. Dr. Sudhir Singh) 1No. , 5 years	Studies on Taxonomy of the family Eulophidae (Hymenoptera: Chalcidoidea) present in National Forest Insect Collection (NFIC) except Doon Valley	Ist class MSc. in Forestry/ Zoology/ Agriculture with specialization in Entomology
18.	JRF, (1 No.) (P.I. Dr. Sudhir Singh) 1No. Entomology, 5 years	Studies on Taxonomy of the family Encyrtidae (Hymenoptera: Chalcidoidea) present in National Forest Insect Collection (NFIC) except Doon Valley	Ist class MSc. in Zoology with specialization in Entomology
19.	JRF, (1 No.) Forest Pathology Division (PI-Dr. N. S. K. Harsh) 3 Years	“Shisham mortality – Finding solutions for future plantations”	1 st class M.Sc. in Forestry/Biotechnology/Botany/ Microbiology
20.	JRF, (1 No.) Forest Pathology Division, (PI- Dr. Amit Pandey) 3 years	Screening of Eucalyptus germplasm for disease resistance against <i>Cylindrocladium</i> leaf and seedling blight	1 st class M.Sc. in Forestry/Biotechnology/Botany/ Microbiology
21.	JRF (1 No.) Forest Pathology Division, (PI- Dr. Y. P. Singh,) 3 years	Interaction between <i>Pseudomonas fluorescens</i> and AM fungus on <i>Dendrocalamus strictus</i>	1 st class M.Sc. in Forestry/Biotechnology/Botany/ Microbiology/Agric. Microbiology/ Biochemistry

Stipend and Tenure: Stipend is Rs.14000/-pm (Fourteen thousand only) for Senior Research Fellow and Rs.12000/- pm (Twelve thousand only) for Junior Research Fellow. The tenure will be initially for one year or extendable up to project completion period whichever is earlier and may be extended as per ICFRE rules.

Age: Upper age limit is 32 years for Senior Research Fellow and 28 years for Junior Research Fellow which is relaxable up to 5 years for candidates belonging to SC/ST/OBC/ Women and physically handicapped applicants.

General Condition: Award of the fellowship is governed by the Indian Council of Forestry Research & Education rules and do not guarantee subsequent employment in any Institute under the council. Application on the plain paper must be submitted to the Group Coordinator (Research) R.C.S., Forest Research Institute, P.O. New Forest Dehradun within 15 days of its publication.. Separate application may be submitted for separate project.

APPLICATION PERFORMA

- Advertisement No. -----
- Sl.No. -----
- Name of the post-----
- Name in Capital-----
- Present and Permanent Address-----
- Telephone/Mobile No.-----
- Date of Birth-----
- Educational Qualification (High School onwards)

Qualification	Year	University/Board	Subject	Total Marks	%
Experience (if any)					
Whether belongs to SC/ST					

Place:
Date

Signature