F.No.CTR-I/24-111/2018/JRF

Institute of Forest Genetics & Tree Breeding

(Indian Council of Forestry Research & Education)

P.B. No.1061, Forest Campus, R.S. Puram, Coimbatore – 641 002

Ph:0422-2484100

No.1/2020 Dt:27.11.2020

Recruitment of Research Fellows

It is proposed to conduct a Walk-in-Interview on **17.12.2020** to recruit **Senior Research Fellow, Junior Research/Project Fellows, Project Assistants and Field Assistant purely on temporary (contract) basis** for various research projects as detailed below. Eligible candidates are requested to attend the walk-in-interview at Institute of Forest Genetics & Tree Breeding, R.S. Puram, Coimbatore, Tamil Nadu.

SENIOR PROJECT FELLOW:

Sl. No	Project Name & PI	No. of Vacancy	Qualification	Stipend	Duration in Years
1	Evaluation of transgene-free genome engineering methods in Eucalyptus (NFRP 187) PI: Dr. N.V. Mathish, Scientist-F	One	**Essential:** First class Post Graduate Degree in Biotechnology / Agricultural Biotechnology / Genomics / Bioinformatics / Plant Physiology / Crop Physiology / Biochemistry or Integrated M.Sc., Life Science or CET qualified M.Sc., in Botany / Zoology with 2 years experience. **Desirable:** Experience in tissue culture, Molecular Biology techniques.	SPF - Rs.23,000	3

JUNIOR RESEARCH/PROJECT FELLOWS:

1	Genetic structure assessment for genecological zonation (NBA) PI: Dr. R. Yasodha, Scientist-G	One	**Essential:** First class Post Graduate Degree in Forestry / Agriculture / Graduate Degree in Professional course with NET qualification (or) First class Post Graduate in Plant Sciences/ Biochemistry / Biotechnology/ Bioinformatics / Life Sciences **Desirable:** Basic knowledge in Bioinformatic analysis. Experience in handling PCR, Agarose and PAGE gels for DNA marker analysis.	JRF- Rs.31,000 (Net Qualified) JPF- Rs.20,000 (Non Net)	3

2	Quantifying resilience patterns in Rhizhophora with reference to hypersalinity, solutions to mitigation (TNFD) PI: Dr.B.Nagarajan, Scientist-G	One	**Essential:** First class Post Graduate Degree in Plant Science / Environmental Sciences **Desirable:** Field experience in wetland ecosystems	JRF- Rs.25,000 (Net Qualified) JPF- Rs.16,000 (Non Net)	3
3	Development and deployment of Rhizophora hybrids to tackle hypersalinity: Solutions to climate change resilience, mitigation and improved productivity (TNSLURB) PI: Dr.B.Nagarajan, Sci-G	One	**Essential:** First class Post Graduate Degree in Plant Science / Environmental Sciences **Desirable:** Field experience in wetland ecosystems	JRF- Rs.25,000 (Net Qualified) JPF- Rs.16,000 (Non Net)	3
4	Development of DNA marker sets for origin verification and timber tracking in Pterocarpus santalinus (NBA II S.P.4) PI: Dr.Modhumita Dasgupta Scientist-G	One	**Essential:** JRF: First class M.Sc. in Biotechnology/ Agriculture/ Life Sciences/ Plant Sciences with NET qualification or Graduate Degree in Professional Course with NET qualification or Post Graduate Degree in Professional Course JPF: First class M.Sc. in Biotechnology/ Agriculture/ Life Sciences/ Plant Sciences **Desirable:** Experience in handling NGS datasets and working experience in DNA markers	JRF- Rs.31,000 (Net Qualified) JPF- Rs.20,000 (Non Net)	3
5	Evaluating genes of Artemia in Eucalyptus roots for enhancing salt tolerance (DST SERB) PI: Dr. N.V.Mathish Scientist-F	One	**Essential:** First class Post Graduate Degree in Biotechnology / Agricultural Biotechnology / Genomics / Bioinformatics / Plant Physiology / Crop Physiology / Biochemistry or Integrated M.Sc., Life Science **Desirable:** Experience in Molecular biology / Molecular cloning techniques / transgenic approaches.	JRF- Rs.31,000 (Net Qualified) JRF- Rs.25,000 (Others)	3

6	Dus Centre of Melia (PPV & FRA) PI: Dr.Rekha R Warrier, Scientist-F	One	**Essential:** M.Sc., / M.Tech in Forestry / Horticulture / Agriculture (or) M.Sc., Botany with NET Qualification and specialization in Taxonomy **Desirable:** Knowledge of statistics	JRF- Rs.31,000	NA
7	Development of seed production systems of commercially exploited tree species – an initiative for continuous supply of quality seeds and seedlings (NMPB IX) PI: Dr.Rekha R Warrier, Scientist-F	One	**Essential:** Post Graduate Degree in Biochemistry / Biotechnology (or) Graduate Degree (B.Sc., / B.Tech) in Agriculture / Forestry **Desirable:** One year Hands-on experience on tissue culture of tree species	JRF- Rs.16,000	Upto March 21
8	Bioprospecting potential of Red sanders, *Pterocarpus santalinus* Linn.f., with special reference to health care and skin care properties. (NBA) PI: Dr.N. Senthilkumar, Scientist-F	One	**Essential:** First class Post Graduate Degree Biochemistry / Chemistry / Botany / Agriculture / Forestry **Desirable:** Experience in Bioprospecting / Organic Chemistry	JRF- Rs.14,000	2
9	Domestication, sustainable utilization and conservation of *Pterocarpus santalinus* (Red Sanders) Genetic Resources. (NBA) PI: Shri. Maria Dominic Savio, Scientist-D	Four	**Essential:** First class Post Graduate Degree in Botany / Life Sciences / Agriculture / Forestry / Horticulture. **Desirable:** Experience in field work.	JRF- Rs.16,000	3
10	National Programme for conservation and development of Forest Genetic Resource (NPFGR) Comp.B PI: Dr. A. Vijayaraghavan Scientist-E	One	**Essential:** First class Post Graduate Degree in Plant Sciences / Forestry **Desirable:** Experience in species identification & field planting.	JPF- Rs.20,000	5

11	National Programme for conservation and development of Forest Genetic Resource (NPFGR) Comp.A PI: Smt. S. Lalitha CTO	One	**Essential:** First class Post Graduate Degree in Geography / Geology / Geoinformatics / GIS and Remote sensing / B.E./B.Tech in geoinformatics studied allied GIS / Remote sensing **Desirable:** Hands on experience in handling GIS/remote sensing applications. Willing to work in field.	JPF- Rs.20,000	5
12	Characterization of Fatty liver curing medicinal plants and its utilization (TNFD 11) PI: Dr. D. Thangamani Scientist-D	One	**Essential:** First class in Post Graduate Degree in Botany / Lifesciences **Desirable:** Willing to work in field	JPF- Rs.16,000	2
13	Clonal evaluation and establishing seed orchards for increasing productivity in Ailanthus excels (NFRP 185) PI: Dr.D.Rajasugunasekar, Scientist-F	One	**Essential:** First class Post Graduate Degree in Plant Sciences / Life Sciences **Desirable:** Field Research experience	JPF- Rs.20,000	3
14	Development of Genome editing platform for functional characterization of gene (NFRP 183) PI: Dr. N.V.Mathish Scientist-F	One	**Essential:** First class Post Graduate Degree in Biotechnology / Agricultural Biotechnology / Genomics / Bioinformatics / Plant Physiology / Crop Physiology / Biochemistry or Integrated M.Sc., Life Science / Plant Science or CET Qualified M.Sc., in Zoology/ Botany **Desirable:** Experience in Molecular biology / Molecular cloning techniques / transgenic approaches.	JPF- Rs.20,000	2
15	Assessment of Calophyllum inophyllum clones for oil yield and site specificity (NFRP 159) PI: Dr. R. Anandalakshmi Scientist-F	One	**Essential:** First class Post Graduate Degree in Plant Sciences **Desirable:** Experience in field planting and taxonomy knowledge	JPF- Rs.20,000	Upto March 21

16	Selection and Screening of germplasm of Acacia nilotica L., to improve productivity in Tamil Nadu (NFRP-136) PI: Dr. K. Panneerselvam Scientist-D	One	**Essential:** First class Post Graduate Degree in Agriculture / Biotechnology / Forestry / Horticulture / Plant Sciences **Desirable:** Background of Genetics and plant breeding. Working knowledge on computer, data processing and field work.	JPF- Rs.20,000	Upto March 21

PROJECT ASSISTANTS

1	Evaluation of Gmelina Genetics Resources for Enhancement of Productivity and Wood Quality in Kerala (KFD) PI: Shri. A. Mayavel Scientist-D	One	**Essential:** Higher Secondary (Or) Diploma in Agriculture / Horticulture **Desirable:** Experience in Nursery and Laboratory analysis	Rs.10,000	4
2	Biomass and Soil Carbon Sequestration in important plantation species of clonal and seedling origin in Tamil Nadu (NFRP 186) PI: Dr. A. C. Surya Prabha Scientist-D	One	**Essential:** First class Graduate Degree in Agriculture / Forestry / Plant Science / Environmental Sciences **Desirable:** Experience in field work.	Rs.19,000	2
3	Development of salt tolerant beneficial microbial consortia from mangroves for bioremediation (NFRP 180) PI: Shri. Anish V. Pachu, CTO	One	**Essential:** First class Graduate Degree in Microbiology / Microbial Biotechnology **Desirable:** M.Sc., in Microbiology / Microbial Biotechnology, Working experience in plant microbiology, processing and handling of microbiological samples in plant nurseries.	Rs.19,000	3

TECHNICAL ASSISTANT

Sl. No	**Project Name & PI**	**No. of Vacancy**	**Qualification**	**Stipend**	**Duration in Years**
1	Genome wide and geospatial approaches for enhancing the adaptive potential of threatened rattan resources in India (DBT 16) PI: Dr.Modhumita Dasgupta Scientist-G	One	**Essential:** First class Graduate Degree in Botany / Biotechnology / Plant Science **Desirable:** Experience in handling next generation sequence data and database creation.	Rs.20,000	3

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2	Processing and value addition of Terminalias for effective livelihood improvement of forest dwellers (EAP MoTA) PI: Dr.Rekha R Warrier Scientist-F	One	**Essential:** First class Graduate Degree in Botany / Biotechnology **Desirable:** The work entails analysis of plant samples for active principles	Rs.15,000	Upto March 21

FIELD ASSISTANT

Sl. No	Project Name & PI	No. of Vacancy	Qualification	Stipend	Duration in Years
1	Selection and Screening of germplasm of Acacia nilotica L., to improve productivity in Tamil Nadu (NFRP-136) PI: Dr. K. Panneerselvam Scientist-D	One	**Essential:** Plus two (Biology/Science group) **Desirable:** Working knowledge on field and computer	Rs.13,500	5 Months
2	Domestication, sustainable utilization and conservation of *Pterocarpus santalinus* (Red Sanders) Genetic Resources. (NBA) PI: Shri. Maria Dominic Savio, Scientist-D	One	**Essential:** Plus two (Biology/Science group) **Desirable:** Diploma in Agriculture / Horticulture.	Rs.15,000	3

The following AICRP Vacancies are tentative. The Offer letter will be issued, subject to the sanction of project/fund availability.

SENIOR PROJECT FELLOW:

Sl. No	Project Name & PI	No. of Vacancy	Qualification	Stipend	Duration in Years
1	Evaluation of Promising Clones of *Tamarindus indica* L for Higher Fruit Productivity (AICRP 15) PI: Dr.B.Nagarajan, Scientist-G	One	**Essential:** First class Post Graduate Degree in Botany / Forestry / Horticulture / Plant Breeding / Life Sciences **Desirable:** Experience in Field survey, Establishment of field trials, Vegetative Multiplication, grafting, reproductive biology studies	SRF- Rs.35,000 SPF - Rs.23,000	3

2	Evaluation of Promising Clones of *Tamarindus indica* L for Higher Fruit Productivity (AICRP 15) PI: Shri.A.Mayavel, Scientist-D	One	**Essential:** First class Post Graduate Degree in Botany / Forestry / Horticulture / Plant Breeding / Life Sciences **Desirable:** Experience in Field survey, Establishment of field trials, Vegetative Multiplication, grafting, reproductive biology studies	SRF- Rs.35,000 SPF - Rs.23,000	3

JUNIOR RESEARCH/PROJECT FELLOWS:

1	Forest Fire Research and Knowledge Management (AICRP 14) PI: Shri. S. Senthilkumar CCF	Three	**Essential:** First class Post Graduate Degree in Plant Sciences/ Forestry **Desirable:** One year experience in research, technical data and report preparation, working knowledge in MS Office	JPF- Rs.20,000	5
2	Genetic improvement of Eucalyptus: Popularization of new clonal varieties and assess the impact of the introduced clonal varieties (AICRP 4) C9 PI: Shri. Rajesh Gopalan, CCF	One	**Essential:** First class Post Graduate Degree in Plant Science / Forestry / Agriculture **Desirable:** One Year Experience in field work preferably in Socio-Economic survey and analysis	JPF- Rs.20,000	3
3	Identification of secondary development specific miRNAs and polymorphism in their target sites for cataloging new molecular markers for wood formation in *Eucalyptus tereticornis* (AICRP 4 C6) PI: Dr.Modhumita Dasgupta Scientist-G	One	**Essential:** First class Post Graduate Degree in Bioinformatics **Desirable:** Experience in handling next generation sequence data	JPF- Rs.20,000	2 Years 6 Months

4	To generate Eucalyptus transgenics / transgrafts with enhanced salt and insect tolerance for confined field trials (AICRP 4 C 5) PI: Dr. N.V.Mathish Scientist-F	One	**Essential:** First class Post Graduate Degree in Biotechnology / Agricultural Biotechnology / Genomics / Bioinformatics / Plant Physiology / Crop Physiology / Biochemistry or Integrated M.Sc., Life Science / Plant Science or CET Qualified M.Sc., in Zoology / Botany **Desirable:** Experience in Molecular biology / Molecular cloning techniques / transgenic approaches.	JPF- Rs.20,000	4
5	Preparation of Forest Soil Health cards under different forest vegetations in all forest Divisions of India (AICRP 22) PI: Dr. A. C. Surya Prabha Scientist-D	One	**Essential:** First class Post Graduate Degree in Agriculture with specialization in Soil Science & Agricultural Chemistry or Agronomy / Forestry / Chemistry / Environmental Sciences. **Desirable:** Experience in Soil sampling in reserve forests and working experience in analytical laboratory	JPF- Rs.20,000	3
6	Study of climate driven effects on Indian forest through long term monitoring (AICRP 31) PI : Dr. B. Nagarajan, Scientist-G Co PI : Dr. A. C. Surya Prabha Scientist-D	One	**Essential:** First class Post Graduate Degree in Agriculture with specialization in Soil Science & Agricultural Chemistry or Agronomy / Forestry / Chemistry / Environmental Sciences. **Desirable:** Experience in Soil Sampling in reserve forests and working experience in analytical laboratory	JPF- Rs.20,000	3
7	Developing seed testing and seed storage protocols of selected forestry species from diverse forest types (AICRP 10) PI: Dr. R. Anandalakshmi Scientist-F	One	**Essential:** First class Post Graduate Degree in Plant Sciences/ Biochemistry **Desirable:** Willing to work in field	JPF- Rs.20,000	5

8	Population status, collection, conservation, characterization, and evaluation of genetic resources of India Rosewood, *Dalbergia latifolia* (AICRP 28) PI: Dr. D. Thangamani Scientist-C	One	**Essential:** First class Post Graduate Degree in Plant Sciences / Biochemistry	JPF- Rs.20,000	5
9	Conservation and productivity improvement of Red sanders (*Pterocarpus santalinus*) (AICRP 8) PI: Shri.M.Maria Dominic Savio, Scientist-E	One	**Essential:** First class Post Graduate Degree in Plant Sciences / Life Sciences (Or) First class Post Graduate Degree in Agriculture / Forestry/ Horticulture **Desirable:** Experience in field work	JPF- Rs.20,000	5

FIELD ASSISTANT

1	AICRP on Valuation of forests for GDP, Green GDP and payment of eco-system goods and services (AICRP-13) PI: Shri. Maria Dominic Savio, Scientist-D	One	**Essential:** Plus two (Biology/Science group) **Desirable:** Experience in field data collection.	Rs.15,000	1

Terms and conditions:

1. Only Indian nationals are eligible.

2. Age limit **as on 17.12.2020**:

   Junior Project fellow - 28 years
   Senior Project fellow - 32 years
   Project Assistants/Technical Assistants / Field Assistant - 25 years
   (Relaxable up to 5 years for SC/ST, Women, Physically handicapped and OBC candidates).

3. Candidates should **submit their application downloaded from the website of this Institute, in person** on the date of Walk in interview **from 10.00 A.M. to 11.00 A.M. Registration process will be closed by 11.00 AM on the date of walk-in-interview.**

4. The position is **temporary** and **co-terminus** with the project or earlier depending on the performance of the candidates.

5. Recruitment for the above temporary positions is governed by rules of the Indian Council of Forestry Research & Education and does not guarantee subsequent employment in any Institutes under the Council.

6. Candidates are advised to bring the bio-data duly filled in as per the prescribed format which can be downloaded from the website address **http://ifgtb.icfre.gov.in**

7. Candidates desirous of attending the walk-in-interview should bring all **original testimonials** on educational qualifications and community certificate for verification. Self Attested copies of the same are to be attached with the bio-data form while appearing for the interview. **Candidates without Provisional Certificate / Degree Certificate awarded by the Universities need not attend the interview**.

8. No TA/DA will be paid for participating in the interview.

9. Canvassing in any form will disqualify the candidature.

Head of Office
IFGTB,Coimbatore-2

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Institute of Forest Genetics & Tree Breeding

(Indian Council of Forestry Research & Education)

(An autonomous body of the Ministry of Environment & Forests, Govt. of India)

P.B. No.1061, Forest Campus

R.S. Puram, Coimbatore – 641 002

Application Proforma

Affix Passport size Photograph

1. Advertisement No : **01/2020**
2. Name of the Position :
3. Name of the Project :
4. Name in Capital Letter :
5. Father's Name :
6. Date of Birth :
7. Aadhaar No. :
8. Age as on **17.12.2020** :
9. Sex/Marital Status (√) : M F T Married Unmarried
10. Whether belongs to : SC / ST / OBC / PH / OTHERS
11. Communication Address with Mobile No/E-mail :

12. Educational Qualification
(attach self attested copies of testimonials) :

Qualification	Institution	University/ Board	Year of Passing	Subject	Division/ % of Marks	Specialization
SSLC						
HSC						
B.Sc						
M.Sc						
Ph.D						
NET/DBT-BET/GATE score						
Any other						

13. Whether receiving Scholarship/Fellowship From any agency? If yes, indicate :

14. Previous research experience
(Enclose copies of experience certificate) :

15. Publications if any :

16. Any other relevant information :
(not more than 50 wards)

17. Language Proficiency :

18. Name & Address of two references :
(known for a minimum of two years)

Declaration

I hereby declare that the above information is correct and to the best of my knowledge and belief, if I am found to have concealed/distorted any material information, my appointment shall be liable for termination without notice.

Place:
Date:

Signature of Candidate