

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	<u>Qualification</u>	Stipend	Duration in Years
1	Evaluation of transgene-free genome engineering methods in Eucalyptus (NFRP 187)  PI: Dr. N.V. Mathish, Scientist-F	One	<b><u>Essential:</u></b> 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.  <b><u>Desirable:</u></b> Experience in tissue culture, Molecular Biology techniques.	SPF - Rs.23,000	3

**JUNIOR RESEARCH/PROJECT FELLOWS:**

1	Genetic structure assessment for genealogical zonation (NBA)  PI: Dr. R. Yasodha, Scientist-G	One	<b><u>Essential:</u></b> 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  <b><u>Desirable:</u></b> 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
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2	Quantifying resilience patterns in Rhizophora with reference to hypersalinity, solutions to mitigation (TNFD) PI: Dr.B.Nagarajan, Scientist-G	One	<b>Essential:</b> First class Post Graduate Degree in Plant Science / Environmental Sciences <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Plant Science / Environmental Sciences <b>Desirable:</b> 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	<b>Essential:</b> 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 <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Biotechnology / Agricultural Biotechnology / Genomics / Bioinformatics / Plant Physiology / Crop Physiology / Biochemistry or Integrated M.Sc., Life Science <b>Desirable:</b> 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 Warriar, Scientist-F	One	<b>Essential:</b> M.Sc., / M.Tech in Forestry / Horticulture / Agriculture (or) M.Sc., Botany with NET Qualification and specialization in Taxonomy  <b>Desirable:</b> 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 Warriar, Scientist-F	One	<b>Essential:</b> Post Graduate Degree in Biochemistry / Biotechnology (or) Graduate Degree (B.Sc., / B.Tech) in Agriculture / Forestry  <b>Desirable:</b> One year Hands-on experience on tissue culture of tree species	JRF- Rs.16,000	Upto March 21
8	Bioprospecting potential of Red sanders, <i>Pterocarpus santalinus</i> Linn.f., with special reference to health care and skin care properties. (NBA) PI: Dr.N. Senthilkumar, Scientist-F	One	<b>Essential:</b> First class Post Graduate Degree Biochemistry / Chemistry / Botany / Agriculture / Forestry  <b>Desirable:</b> Experience in Bioprospecting / Organic Chemistry	JRF- Rs.14,000	2
9	Domestication, sustainable utilization and conservation of <i>Pterocarpus santalinus</i> (Red Sanders) Genetic Resources. (NBA) PI: Shri. Maria Dominic Savio, Scientist-D	Four	<b>Essential:</b> First class Post Graduate Degree in Botany / Life Sciences / Agriculture / Forestry / Horticulture.  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences / Forestry  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Geography / Geology / Geoinformatics / GIS and Remote sensing / B.E./B.Tech in geoinformatics studied allied GIS / Remote sensing  <b>Desirable:</b> 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	<b>Essential:</b> First class in Post Graduate Degree in Botany / Lifesciences  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences / Life Sciences  <b>Desirable:</b> 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	<b>Essential:</b> 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  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences  <b>Desirable:</b> Experience in field planting and taxonomy knowledge	JPF- Rs.20,000	Upto March 21

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

1	Evaluation of <i>Gmelina</i> Genetics Resources for Enhancement of Productivity and Wood Quality in Kerala (KFD) PI: Shri. A. Mayavel Scientist-D	One	<b>Essential:</b> Higher Secondary (Or) Diploma in Agriculture / Horticulture <b>Desirable:</b> 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	<b>Essential:</b> First class Graduate Degree in Agriculture / Forestry / Plant Science / Environmental Sciences <b>Desirable:</b> 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	<b>Essential:</b> First class Graduate Degree in Microbiology / Microbial Biotechnology <b>Desirable:</b> 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	<b>Essential:</b> First class Graduate Degree in Botany / Biotechnology / Plant Science <b>Desirable:</b> Experience in handling next generation sequence data and database creation.	Rs.20,000	3

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

Sl. No	Project Name & PI	No. of Vacancy	Qualification	Stipend	Duration in Years
1	Selection and Screening of germplasm of <i>Acacia nilotica</i> L., to improve productivity in Tamil Nadu (NFRP-136) PI: Dr. K. Panneerselvam Scientist-D	One	<b>Essential:</b> Plus two (Biology/Science group) <b>Desirable:</b> Working knowledge on field and computer	Rs.13,500	5 Months
2	Domestication, sustainable utilization and conservation of <i>Pterocarpus santalinus</i> (Red Sanders) Genetic Resources. (NBA) PI: Shri. Maria Dominic Savio, Scientist-D	One	<b>Essential:</b> Plus two (Biology/Science group) <b>Desirable:</b> 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 <i>Tamarindus indica</i> L for Higher Fruit Productivity (AICRP 15) PI: Dr.B.Nagarajan, Scientist-G	One	<b>Essential:</b> First class Post Graduate Degree in Botany / Forestry / Horticulture / Plant Breeding / Life Sciences <b>Desirable:</b> 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 <i>Tamarindus indica</i> L for Higher Fruit Productivity (AICRP 15)  PI: Shri.A.Mayavel, Scientist-D	One	<b>Essential:</b> First class Post Graduate Degree in Botany / Forestry / Horticulture / Plant Breeding / Life Sciences <b>Desirable:</b> Experience in Field survey, Establishment of field trials, Vegetative Multiplication, grafting, reproductive biology studies	SRF- Rs.35,000 SPF - Rs.23,000	3
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**JUNIOR RESEARCH/PROJECT FELLOWS:**

1	Forest Fire Research and Knowledge Management (AICRP 14)  PI: Shri. S. Senthilkumar CCF	Three	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences/ Forestry <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Plant Science / Forestry / Agriculture <b>Desirable:</b> 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 <i>Eucalyptus tereticornis</i> (AICRP 4 C6)  PI: Dr.Modhumita Dasgupta Scientist-G	One	<b>Essential:</b> First class Post Graduate Degree in Bioinformatics <b>Desirable:</b> 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	<b>Essential:</b> 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  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Agriculture with specialization in Soil Science & Agricultural Chemistry or Agronomy / Forestry / Chemistry / Environmental Sciences.  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Agriculture with specialization in Soil Science & Agricultural Chemistry or Agronomy / Forestry / Chemistry / Environmental Sciences.  <b>Desirable:</b> 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	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences/ Biochemistry  <b>Desirable:</b> Willing to work in field	JPF- Rs.20,000	5



8	Population status, collection, conservation, characterization, and evaluation of genetic resources of India Rosewood, <i>Dalbergia latifolia</i> (AICRP 28) PI: Dr. D. Thangamani Scientist-C	One	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences / Biochemistry	JPF- Rs.20,000	5
9	Conservation and productivity improvement of Red sanders ( <i>Pterocarpus santalinus</i> ) (AICRP 8) PI: Shri.M.Maria Dominic Savio, Scientist-E	One	<b>Essential:</b> First class Post Graduate Degree in Plant Sciences / Life Sciences (Or) First class Post Graduate Degree in Agriculture / Forestry/ Horticulture  <b>Desirable:</b> 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	<b>Essential:</b> Plus two (Biology/Science group)  <b>Desirable:</b> Experience in field data collection.	Rs.15,000	1
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#### **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

**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

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 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 words) :
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