



## 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.3 /2016-JRF-EAP

9.6.2016

### Recruitment of Research Associate, Junior Research Fellow and Field Assistant

Applications are called for the following positions of Junior **Research Fellows, Research Associate and Field Assistants** purely on temporary basis (contract) for various projects in the Institute of Forest Genetics and Tree Breeding, Coimbatore as given below. Interested/eligible candidates may apply in prescribed format downloaded from the website <http://ifgtb.icfre.gov.in>. The duly filled in application should only be sent through email to: [project\\_ifgtb@icfre.org](mailto:project_ifgtb@icfre.org) hard copies of applications will not be entertained.

#### 1. Research Associate (RA) for EAP

Sl.No	Title of the project	No. of posts	Essential and Desirable Qualifications	Consolidated Emoluments /pm (in Rs.)	Duration
1	Development of Bio-pesticide formulation using the seed extract of <i>Hydnocarpus pentandra</i> for the management of insect pest of agriculture/forestry importance.  <b>Funding agency :</b>  BIRAC, DBT, New Delhi  <b>PI: Dr.S.Murugesan</b>	1	<b>Essential:</b>  Ph.D in Chemistry or 3 years research /teaching experience after Post graduation in Chemistry with First class	36000	3 years 2016- 2019

#### 2. Junior Research Fellow (JRF) for PLAN projects:

Sl.No	Title of the project	No. of posts	Essential and Desirable Qualifications	Consolidated Emoluments/ pm (in Rs.)	Duration
1.	Evaluation and Popularization of <i>Neolamarckia cadamba</i> in Kerala and Tamil Nadu.  <b>PI : Dr. A.Vijayaraghavan</b>	1	<b>Essential:</b> First class M.Sc. in Forestry/ Agriculture/ Horticulture or equivalent.	12000	6 years 2016- 2022

2.	Genetic improvement of Casuarina for growth and pulp yield through intra and interspecific hybridization.  <b>PI : Dr. A. Nicodemus</b>	1	<b>Essential:</b> First class M. Sc. in Botany//Agriculture/ Forestry or equivalent.  <b>Desirable:</b> 1-2 years experience in field research work.	12000	5 years 2016-2021
3.	Assessment of <i>Calophyllum inophyllum</i> clones for oil yield and site specificity  <b>PI: Dr.R.Anandalakshmi</b>	1	<b>Essential:</b> First class M.Sc. in Botany/ Biochemistry/ Biotechnology/ Forestry/ Horticulture/ Agriculture or equivalent.  <b>Desirable:</b> Willing to do field research work.	12000	5 years 2016-2021
4.	Selection and screening of germplasm of <i>Acacia nilotica</i> L, to improve Productivity in Tamilnadu.  <b>PI : Dr.K.Panneer Selvam</b>	1	<b>Essential:</b> First class M.Sc. in Botany / Agriculture/ Forestry or equivalent.  <b>Desirable:</b> Willing to do field activities.	12000	5 years 2016-2021
5.	Testing of New Set of Provenances of <i>Acacia mangium</i> and Estimation of genetic gain from first and second generation seed orchards.  <b>PI : Dr Maheshwar Hegde</b>	1	<b>Essential:</b> First class M. Sc. in Botany / Agriculture / Forestry or equivalent.  <b>Desirable:</b> 1-2 years experience in field research related to Forest botany.	12000	4 years 2016-2020
6.	Biology, ecology and management of the Casuarina seed pests.  <b>PI : Dr A. Balu</b>	1	<b>Essential:</b> First class M.Sc. in Zoology with specialization in Entomology/ M.Sc. Agri. Entomology or equivalent.  <b>Desirable:</b> Research experience in the field of Entomology particularly in Seed Entomology.	12000	4 years 2016-2020

7.	Isolation and characterization of Cinnomoyl CoA Reductase gene in <i>Casuarina equisetifolia</i> .  <b>PI : Dr.A. Shanthi</b>	1	<b>Essential:</b> First class M.Sc. in Biotechnology/ Biochemistry or equivalent.  <b>Desirable:</b> Research experience in gene isolation, primer designing and RT-q PCR.	12000	3 years 2016-2019
8.	Evaluation of windbreaks for enhancing water use efficiency, crop productivity and climate change resilience in farmlands in semiarid regions of Tamil Nadu.  <b>PI: Dr.C.Buvaneswaran</b>	1	<b>Essential:</b> First Class M. Sc. in Forestry / Agriculture / Botany or equivalent.  <b>Desirable:</b> Experience in establishment of field trials/Agroforestry trials.	12000	3 Years 2016-2019
9.	<i>Ailanthus excelsa</i> –for alternate protein: as a potential of fodder in terms of nutritive value and qualitative assessment of other secondary compounds.  <b>PI : Dr. S. Murugesan</b>	1	<b>Essential:</b> First class M.Sc in Chemistry / Life science or equivalent.  <b>Desirable:</b> Experience in Chromatographic analysis	12000	3 years 2016-2019
10.	Invasion impacts of <i>Acacia mearnsii</i> on changes in soil fertility status of shola forests in the Western Ghats.  <b>PI: Dr.A.C.Surya Prabha</b>	1	<b>Essential:</b> First class M.Sc in Soil Science, Agricultural Chemistry/Forestry or equivalent.  <b>Desirable:</b> Experience in field visit, collection of soil samples, working experience in analytical laboratory.	12000	2 Years 2016-2018
11.	Establishment of second generation seed orchards and selection of clones for high productivity in Eucalyptus.  <b>PI : Dr. V. Sivakumar</b>	1	<b>Essential:</b> First class M. Sc. in Botany/ Forestry or equivalent.	12000	Up to March 2017
12.	Genetic diversity assessment for management of Eucalyptus seed orchards.	1	<b>Essential:</b> First class M.Sc. in Biotechnology / Biochemistry / Life	12000	Up to March 2017

	<b>PI : Dr.Rekha R. Warriar</b>		Science/ Plant Sciences or equivalent.  <b>Desirable :</b> Two years working experience with SSR markers and use of genetic analyser.		
13.	Mapping and monitoring of Casuarinas and Eucalyptus Plantations in Tamilnadu using RS and GIS.  <b>PI: Dr A. Rajasekaran</b>	1	<b>Essential :</b> First class Postgraduate degree in Geo-Informatics/ Geography / Geo-information Science and Earth Observation or equivalent.  <b>Desirable:</b> Experience in Geo-informatics/ GIS/Remote sensing with forestry related issues.	12000	Up to March 2017
14.	Exploration, Collection and Evaluation of Forest Genetic Resources and Development of National Gene bank.  <b>PI : Dr. K. Palanisamy</b>	1	<b>Essential:</b> First class M.Sc. in Botany/ Forestry/Plant Genetic Resources or equivalent.  <b>Desirable:</b> 1-2 years experience in field research work	12000	Up to March 2017
15.	Productivity studies on commonly cultivated bamboo species in different agro climatic zones of Tamil Nadu.  <b>PI : M. Maria Dominic Savio</b>	1	<b>Essential:</b> First class M. Sc. Botany/Forestry or equivalent.  <b>Desirable:</b> 1-2 years experience in field research work.	12000	Up to March 2017

### 3. Junior Research Fellow (JRF) for Externally Aided Projects

Sl.No	Title of the project	No. of posts	Essential and Desirable Qualifications	Consolidated Emoluments /per month	Duration
16	Development of descriptors and DUS testing guidelines for <i>Ailanthus excelsa</i> Roxb. and establishment of Gene Bank.	1	<b>Essential:</b> First class M.Sc. in Botany/ Life Science or equivalent.	16000	2 years 2016-2018

	<p><b>Funding agency :</b> PPVFRA/EAP</p> <p><b>PI : Dr. D.R.S.Sekar</b></p>				
17	<p>Development of DUS Descriptors for Red Sanders (<i>Pterocarpus santalinus</i> L. f) and Indian Sandalwood (<i>Santalum album</i>L.) and documentation of indigenous (traditional) knowledge regarding these species.</p> <p><b>Funding agency :</b> PPVFRA</p> <p><b>PI : Dr. Maheshwar Hegde</b></p>	2 (TWO)	<p><b>Essential:</b> First class M. Sc in Botany/ /Agriculture/ Forestry or equivalent.</p> <p><b>Desirable:</b> 1-2 years experience in field research related to Forest botany.</p>	16000	3 years 2016-2019
18	<p>Development of Bio-pesticide formulation using the seed extract of <i>Hydnocarpus pentandra</i> for the management of insect pest of agriculture/forestry importance.</p> <p><b>Funding agency :</b> BIRAC, DBT, New Delhi</p> <p><b>PI: Dr.S.Murugesan</b></p>	1	<p><b>Essential:</b> First class M.Sc. in Zoology/ Agriculture Specialization in Entomology with NET qualification</p> <p>OR</p> <p>First class M.Sc. in Zoology/ Agriculture Specialization in Entomology</p>	25000  OR  12000	3 years 2016-2019
19	<p>Documentation of population demography and genetic structure of teak for developing sustainable conservation strategies and resource management.</p> <p><b>Funding agency :</b> DBT, GoI</p> <p><b>PI: Dr. R. YASODHA</b></p>	1	<p><b>Essential:</b> First class Post Graduate Degree in Plant Sciences/ Biotechnology/ Biochemistry with NET qualification and candidates of DBT-BET Category II</p> <p>OR</p> <p>Post Graduate Degree in Plant Sciences/ Biotechnology/ Biochemistry</p>	25000  OR  12000	3 years 2016-2019

			<b>Desirable:</b> One year experience in handling molecular techniques, DNA markers and proficiency in software packages for genetic diversity analysis are preferred.		
20	Studies on Restoration and Species Recovery in a Red Listed (Globally Near Threatened) Mangrove <i>Ceriops decandra</i> (Griff.) Ding Hou  <b>Funding agency :</b> TNFD  <b>PI: Dr. B.Nagarajan</b>	1	<b>Essential:</b> First class M.Sc., Plant Sciences / Botany  <b>Desirable:</b> Research experience in conservation Biology	12000	2 years 2016-2018

#### 4. Field Assistants (FA) for PLAN projects :

Sl.No	Title of the project	No. of posts	Essential and Desirable Qualifications	Consolidated Emoluments/ pm	Duration
1.	Insect pests of out planted saplings of ToF (Trees Outside Forests) species and their management  <b>PI : Dr John Prashanth Jacob</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.	8000	3 years 2016-2019
2.	Biocolourant: Bioprospecting of selected accessions of Red tamarind as ecofriendly and protective natural dye in textiles/ foods.  <b>PI : Dr.S. Murugesan</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.  <b>Desirable:</b> B.Sc degree chemistry/Life science	8000	3 years 2016-2019
3.	Production of multi-parent intercross populations of eucalyptus for salinity tolerance.  <b>PI : Dr. R. Yasodha</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.  <b>Desirable:</b> One year experience in handling nursery	8000	3 years 2016-2019

			techniques and exposure to computer operations.		
4.	Strategies for induction of early flowering in Eucalyptus.  <b>PI : Dr. V.K.W. Bachpai</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.	8000	3 years 2016-2019
5.	Development of seed pelleting techniques for commercially important tree species.  <b>PI: Dr.R.Anandalakshmi</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.  <b>Desirable:</b> B.Sc. in any Life Sciences.	8000	3 years 2016-2019
6.	Evaluation of interspecific hybrid clones of Eucalypts for productivity and wood traits. <b>PI : D.R.S.Sekar</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.  <b>Desirable:</b> B.Sc. Biological Sciences.	8000	Up to March 2017
7.	Evaluation of genetic resources of <i>Melia dubia</i> in Tamilnadu and Kerala for productivity enhancement in tree farming  <b>PI: Dr.Rekha R. Warriar</b>	1	<b>Essential:</b> Higher Secondary (Plus Two) pass with Science/Biology.  <b>Desirable:</b> Basic knowledge in Nursery technology	8000	Up to March 2017

#### 5. Field Assistant (FA) for EAP

Sl.No	Title of the project	No. of posts	Essential and Desirable Qualifications	Consolidated Emoluments/ per month	Duration
8	Development of descriptors and DUS testing guidelines for <i>Ailanthus excelsa</i> Roxb. and establishment of Gene Bank.  <b>Funding agency :</b> PPVFRA  <b>PI : Dr. D.R.S.Sekar</b>	1	<b>Essential:</b>  Higher Secondary (Plus Two) pass with Science/Biology.  <b>Desirable:</b> B.Sc. Biological Sciences	8000	2 years 2016-2018

**Terms and conditions:**

1. Only Indian nationals are eligible.
2. The Upper Age limit is **28 years for Junior Research Fellows, 35 years for Research Associate and 25 years for Field Assistants as on 1.07.2016** (Relaxable by 5 years for SC/ST, Women, physically handicapped and OBC candidates).
3. The application format can be downloaded from the website of this institute [www.ifgtb.icfre.gov.in](http://www.ifgtb.icfre.gov.in) the duly typed/filled in application form (preferable in Pdf format) as per the prescribed format should be sent via Email attachment (File name could be candidate name Example raja.doc) to the Email: **project\_ifgtb@icfre.org** The last date for sending the email is **30.6.2016**, the email application received after the last date and application in hard copies will not be entertained.
4. A candidate can apply for a maximum of three projects, the order of preference should be given in the application.
5. **Emoluments:** As per project sanction which is mentioned against each project.
6. The position is **temporary** and **co-terminus** with the project or earlier depending on the performance of the candidates.
7. 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.
8. The list of shortlisted **candidates for interview** will be uploaded in the institute website on or before 5<sup>th</sup> July 2016. Shortlisted candidates for interview will be communicated /intimated also to the email id provided in their application.
9. The shortlisted Candidates for interview are advised to bring a duly filled in application, Attested copies of relevant documents along with a copy of recent photograph are to be submitted with the application form while appearing for the interview. Candidate found for submitting false information will be disqualified for the recruitment.
10. The shortlisted Candidates for the interview should bring **original testimonials** on educational qualifications and community certificate for verification. **Candidates without Provisional Certificate/Degree Certificate awarded by the Universities will not be considered.**
11. No TA/DA will be paid for participating in the interview.
12. Canvassing in any form will disqualify the candidate.

  
**Director**  
Head of Office  
Institute of Forest Genetics  
IFGTB, Coimbatore-2





**Institute of Forest Genetics and Tree Breeding**  
Indian Council of Forestry Research and Education  
(An autonomous body of Ministry of Environment and Forests, Government of India)  
P.B. No. 1061, R.S. Puram, Coimbatore 641 002.

**APPLICATION FOR JUNIOR RESEARCH FELLOW & RESEARCH ASSOCIATE**

1. Position applied for : \_\_\_\_\_

2. Name of the Project(s)/ Project No(s) (Order of preference of only three projects)

i)

ii)

iii)

3. Name of the candidate : \_\_\_\_\_

4. Father's Name : \_\_\_\_\_

5. Date of birth : \_\_\_\_\_D \_\_\_\_\_M \_\_\_\_\_Yr.  
(As per SSC / HSC certificate)

6. Age as on **1.07.2016** : \_\_\_\_\_Yr \_\_\_\_\_M \_\_\_\_\_D

7. Sex (✓) : M  F

8. Marital Status (✓) : Married  Unmarried

9. Whether belongs to SC / ST / OBC (✓): SC  ST  OBC  UR

(Attested proof to be submitted at the time of interview)

10. Address for communication :

Phone No. :

Mobile No. :

**E- Mail:** :

11. Permanent address :

Phone No. :

Insert photo &  
One Self attested  
Passport size  
Photograph to be  
submitted at the  
time of interview

12. Educational qualifications :

(Attested copies of mark sheet / certificates to be submitted at the time of interview)

Qualifications	Institution	University/ Board	Year of Passing	Subjects	Division / % of marks	Specialization
NET						
Ph.D						
M.Sc.						
B.Sc.						
HSC / +2						
Any other						

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

Name of the Employer	Project Title and Funding Agency	Post held	Salary drawn	Period (From -To)	Nature of work

14. Are you under any contractual obligations to serve Central/State Govt/Any other Public Sector Undertaking or Autonomous body and if so, give details (Submit NOC at the time of interview if applicable):

15. Whether appeared / qualified for NET (UGC/CSIR/ICAR) / SLET/GATE, if YES copy of certificate to be submitted at the time of interview:

16. Language proficiency (√) :

Language	Read	Write	Speak
Hindi			
Tamil			
Malayalam			
English			

17. Proficiency in computers (√):

MS Word	Power point	Excel	Web Browsing	Desktop printing
ASPNET	DOT NET	JAVA	MYSQL	PHP

18. Previous work experience (in bullet points):

19. Previous research experience (in bullet points):

20. Publications if any:

21. Awards received:

22. Association / memberships in professional organizations:

23. Any other relevant information (not more than 50 words):

24. Please give the names and addresses of three prominent persons to whom you are known (for reference):

1.

2.

3.

### **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 the candidate

(To be signed at the time of interview)



**Institute of Forest Genetics and Tree Breeding**

Indian Council of Forestry Research and Education

(An autonomous body of Ministry of Environment and Forests, Government of India)

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

**APPLICATION FOR THE POST OF FIELD ASSISTANT**

Insert photo &  
One Self attested  
Passport size  
Photograph to be  
submitted at the  
time of interview

1. Name of the applicant : \_\_\_\_\_

2. Father's Name : \_\_\_\_\_

3. Date of birth : \_\_\_\_\_ D \_\_\_\_\_ M \_\_\_\_\_ Yr.  
(As per SSC / HSC certificate)

4. Age as on **1.07.2016** : \_\_\_\_\_ Yr \_\_\_\_\_ M \_\_\_\_\_ D

5. Sex (✓) : M  F

6. Marital Status (✓) : Married  Unmarried

7. Whether belongs to SC / ST / OBC (✓): SC  ST  OBC  UR

(Attested proof to be submitted at the time of interview)

8. Address for communication :  
Phone No. :  
Mobile No. :  
**E- Mail** :

9. Permanent address :  
Phone No. :

10. Name of the Project(s)/  
(Order of preference of only three projects)

i)

ii)

iii)

11. Educational qualifications (Attested copies of mark sheet / certificates to be submitted at the time of interview):

Qualification	Institution	University/ Board	Year of Passing	Subjects	Division / % of marks	Specialization

1. Are you under any contractual obligations to serve Central/State Govt/Any other Public Sector Undertaking or Autonomous body and if so, give details (Submit NOC at the time of interview if applicable):

13. Language proficiency (√) :

Language	Read	Write	Speak
Hindi			
Tamil			
Malayalam			
English			

14. Proficiency in computers (√):

MS Word	Power point	Excel	Web Browsing	Desktop printing
ASPNET	DOT NET	JAVA	MYSQL	PHP

15. Previous work experience (in bullet points):  
(Enclose copies of Experience certificates, if any)

16. Please give the names and addresses of three prominent persons to whom you are known (for reference):

1.

2.

### Declaration

I hereby declare that the above information given above is correct 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 the candidate  
(To be signed at the time of interview)