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काष्ठ विज्ञान एवं प्रौद्यौगिकी संस्थान
INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY
(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्)
(Indian Council of Forestry Research and Education)
(पर्यावरण, वन एवंजलवायु परिवर्तन मंत्रालय, भारत सरकार की एक स्वायत्त निकाय)
(An Autonomous Body of Ministry of Environment, Forest and Climate Change, Govt. of India)
पी.ओ. मल्लेश्वरम/P.O.Malleswaram,बैंगलुरु/Bengaluru – 560 003

No.1-6/2020-21-IWST/Estt./JRF&PA/833 **Dated:14//7/2021**

WALK IN INTERVIEW

A walk-in-interview will be held at Institute of Wood Science and Technology, 18th Cross, Malleswaram, Bangalore – 560 003 at 10.30 A.M on 29th July 2021 for the positions of Research Associate/ Junior Research Fellow/Senior Project Fellow/ Junior Project Fellow and on 30th July 2021 for the position of Project Assistant. in the following research projects purely on temporary basis and co-terminus with the project period. Interested and eligible candidates are requested to attend the walk-in-interview on the specified date and time.

Sl. No	Details of the Project	No. of posts	Essential and Desirable Qualification	Duration of the project	Emoluments	Upper Age Limit as on 1-6-2021
RESEARCH ASSOCIATE						
1	Transparent Wood Composite - Upscaling for Industrial Applications **P.I. Dr. K.K. Pandey, Scientist G, WP Division** (Funding Agency: Biotechnology Industry Research Assistance Council, New Delhi**)**	1 No.	Ph. D. in Chemistry with desirable experience in Bio-Composite / Wood Research	Upto 31st May 2022	Rs.47,000/- + HRA as admissible	35 Years
JUNIOR RESEARCH FELLOW						
1	Study on pathosystem of phytoplasma disease associated with host plantation forestry tree species in agroforestry system **P.I.: Dr. A. Muthukumar, Scientist -E** (ICFRE – PLAN)	1 No.	Essential: First Class M.Sc. in Agriculture/ Forestry/ Botany + **NET qualified** Desirable: Ph D in Plant Pathology/ Agricultural Microbiology with experience in plant virology	Upto 2024	Rs.31,000/- per month +HRA as admissible	28 years
JUNIOR RESEARCH FELLOW/ JUNIOR PROJECT FELLOW						
1	Development of SSR markers and assessment of genetic diversity of natural populations of *Pterocarpus santalinus* distributed in the Eastern Ghats **PI: Dr. H.R. Prabuddha, IFS DCF** Funding Agency: National Biodiversity Authority	1 No.	**Essential: For JRF**: First class M.Sc. in Life Sciences + NET **For JPF:** First class M.Sc. in Life Sciences **Desirable:** Research knowledge and experience in population sampling in	1 year	Rs.31,000/- per month + HRA as admissible (For JRF) Rs.20,000/- per month + HRA as admissible (For JPF)	28 years

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			the field, DNA and RNA isolation, Genomic and transcriptome sequencing and analyse raw primary data generated by lllumina next generation sequencing platform, SSR, SNP and EST analysis, insilico analysis of polymorphic markers, Genotyping/ Genetic diversity analysis and report writing			
SENIOR PROJECT FELLOW						
1	Cellulose nanofibrils (CNF) from different lignocellulosic materials using cryo-crushing and ultrasonication techniques) **PI: Dr. S.R. Shukla, Sci-G, WPU Division** (ICFRE-Plan)	1 No.	**Essentia**l: First Class M.Sc in Wood Science and Technology/ Physics/ Chemistry **Desirable**: 2 years of work experience after post-graduation (in nano-technology or material science, low temperature processing)	2021-2023	Rs. 23,000/- per month +HRA as admissible	32 years
JUNIOR PROJECT FELLOW						
1	Development of biopesticide/formulations from extracts of tree borne oil seeds and tissues of wild plants for management of insect pests. Component – Bionomics and biocontrol of the top shoot borer *Hypsipyla robusta* (Lepidoptera: Phycitidae) of *Swietenia macrophylla* in Karnataka. **PI: R. Raja Rishi** **Scientist–E, FP Division** (AICRP-20)	1 No.	**Essential**: First Class M.Sc. in Zoology or in Life Science with Entomology as one of the subjects or M.Sc. in Agricultural Entomology or M.Sc. Microbiology	2021 -2022	Rs.20,000/- per month + HRA as admissible	28 years
2	Valuation of forests for GDP – Green GDP and Payment of eco-system goods and services **P.I. : Dr. Ritesh Tailor, Scientist-C Extension Division** (AICRP – 13)	1 No.	First Class M.Sc. in Forestry/ Agriculture with good knowledge of Economics and Statistics	2020-2024	Rs.20,000/- per month + HRA as admissible	28 years
3	Conservation, Improvement, Management, and promotion of Sandalwood (*Santalum album Linn.)* cultivation in India: Study on the stable isotope composition *in Santalum album* wood in different locations Activity 3.3 Yield, chemical profiling, and estimation of alpha and beta *santalol* in Sandalwood oil **P.I: Dr. Surendra Singh Bisht, Scientist – E, WPU Division** (AICRP-03)	1 No.	**Essential**: First Class M.Sc. in Chemistry with one-year Research experience in Phytochemistry or Organic Chemistry	Upto 2025	Rs.20,000/- per month + HRA as admissible	28 years

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4	Comparative metabolic profiling of healthy and diseased Indian Sandalwood (*Santalum album* Linn.) for early detection of spike disease P.**I: Dr. Surendra Singh Bisht, Scientist - E, WPU Division** (ICFRE-Plan)	1 No.	**Essential**: First Class M.Sc. in Zoology Desirable: Research experience in Entomology	2021-2024	Rs.20,000/- per month + HRA as admissible	28 years
5	Spatio-temporal land use patterns and the relationship between green areas and biophysical features **P.I: Dr. B.N. Divakara, Scientist-E, SFM Division** (DBT)	1 No.	First Class M.Sc. in Forestry/ Botany/ Environmental Science	2021-2024	Rs.20,000/- per month + HRA as admissible	28 years
6	Thermal treatment of fire retardant impregnated wood for improvement of its properties **P.I.: Dr. Ritesh Kumar D Ram, Scientist-E** WP Division (ICFRE-Plan)	1 No.	First Class M.Sc. in Wood Science and Technology/ Chemistry	2021-2024	Rs.20,000/- per month + HRA as admissible	28 years
7	1a. Selection, evaluation & deployment of CPCs/Clones, establishment of rhizomes banks & production improved planting materials **PI: Dr. M V Durai, Scientist C, SFM Division** (AICRP 2: Bamboo)	1 No.	First Class M.Sc. in Forestry/ Agriculture/ Horticulture	Upto 2024	Rs.20,000/- per month + HRA as admissible	28 years
8	Preparation of Forest soil health card of different forest divisions in Karnataka, AP & Goa **PI: Dr. M V Durai, Scientist C, SFM Division** (AICRP 22: Soil Health Card)	1 No.	First Class M.Sc. in Forestry/ Agriculture/ Horticulture with specialization in Soil Science & Soil chemistry/ related fields	Upto 2023	Rs.20,000/- per month + HRA as admissible	28 years
9.	AICRP-3:Sandalwood **Activity** 1.3: Production of quality planting material of sandalwood through tissue culture and evaluation of field performance **PI: Ms. Tresa Hamalton, Scientist-C** Funding Agency: ICFRE (CAMPA)	1 No.	**Essential:** First class M.Sc./B.Tech in Biotechnology / Botany/ /Ag. Biotech **Desirable:** Work experience in plant tissue culture	Upto Dec, 2024	Rs.20,000/- per month + HRA as admissible	28 years
10	NPCD-FGR : Component D: FGR Characterization **PI: Ms. Tresa Hamalton, Scientist-C** Funding Agency: ICFRE (CAMPA)	1 No.	**Essential:** First class M.Sc./B.Tech in Botany/ Biotechnology / Agriculture/ Genetics **Desirable:** Work experience in morphological / molecular characterization of plants	Upto Dec, 2024	Rs.20,000/- per month + HRA as admissible	28 years

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11	AICRP-2: Bamboo Component 1(c): *In-vitro* propagation for mass multiplication and conservation of elite genotypes **PI: Ms. Tresa Hamalton, Scientist-C** Funding Agency: ICFRE (CAMPA)	1 No.	**Essential:** First class M.Sc./B.Tech in Biotechnology / Botany/ Ag. Biotech **Desirable:** Work experience in plant tissue culture	Upto Dec, 2024	Rs.20,000/- per month + HRA as admissible	28 years
12	NPCD of FGR B – " FGR Collection" (FGR-B) **PI: Ms. Tresa Hamalton, Scientist-C** Funding Agency: ICFRE (CAMPA)	1 No.	**Essential:** First class M.Sc. in Forestry/ Agroforestry/ Agriculture	Upto Dec, 2023	Rs.20,000/- per month + HRA as admissible	28 years
13	Phase II "Development of Integrated Pest Management (IPM) strategies against the major defoliating pests of Mangroves in the Thane district of Maharashtra" **P.I.: Mr. R. Raja Rishi Scientist D** Funding Agency: Mangrove Cell - MFD	1 No.	**Essential**: 1st Class M.Sc. in Zoology or in Life Science with Entomology as one of the subjects or M.Sc. in Agricultural Entomology or M.Sc. Microbiology	2021 to 2022	Rs.20,000/- per month + HRA as admissible	28 years
PROJECT ASSISTANT						
1	Transparent Wood Composite - Upscaling for Industrial Applications **P.I. Dr. K.K. Pandey, Scientist G, WP Division** Funding Agency: Biotechnology Industry Research Assistance Council, New Delhi	1 No.	B. Sc. with Chemistry as one of the subjects	Upto 31st May 2022	Rs. 20,000/- consolidated	50 years
2	Comparative metabolic profiling of healthy and diseased Indian Sandalwood (Santalum album Linn.) for early detection of spike disease **P.I: Dr. Surendra Singh Bisht, Scientist D, WPU Division** (ICFRE-Plan)	1 No.	Essential: First Class B.Sc. in Chemistry/Forestry	2021-2024	Rs.19,000/- consolidated	No age limit
3	1a. Selection, evaluation & deployment of CPCs/ Clones, establishment of rhizomes banks & production improved planting materials **PI: Dr. M V Durai, Scientist C, SFM Division** (AICRP 2: Bamboo)	1 No.	Degree (B.Sc) in Forestry/Agriculture/ Horticulture/ Life Sciences	Upto 2024	Rs.19,000/- consolidated	No age limit
4	1b. Macro propagation & mass propagation of elite/promising germplasm **PI: Dr. M V Durai, Scientist- C, SFM Division** (AICRP 2: Bamboo)	1 No.	Degree (B.Sc) in Forestry/Agriculture/ Horticulture/ Life Sciences	Upto 2024	Rs.19,000/- consolidated	No age limit

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5	2a. Develop silvicultural practices for increased productivity stand/clump management & harvesting. Establishment of model plantation for demonstration of scientific management **PI: Dr. M V Durai, Scientist -C, SFM Division** (AICRP 2: Bamboo)	1 No.	Degree (B.Sc) in Forestry/Agriculture/ Horticulture/ Life Sciences	Upto 2024	Rs.19,000/- consolidated	No age limit
6	Preparation of Forest soil health card of different forest divisions in Karnataka, AP & Goa **PI: Dr. M V Durai, Scientist-C, SFM Division** (AICRP 22: Soil Health Card)	1 No.	Degree (B.Sc) in Forestry/Agriculture/ Horticulture	Upto 2023	Rs.19,000/- consolidated	No age limit

Terms and conditions:

1. The upper age limit for JRFs/SPFS/JPFs is relaxable by 5 years for SC/ST/Women/Physically Handicapped and OBC candidates.
2. Candidates should submit their bio-data in person, while attending the interview, from 9.30 AM to 10.30 AM. The registration process will be closed by the above specified time on the date of walk-in-interview.
3. The position is purely temporary and co-terminus with the project.
4. If at any time, in the opinion of the Director of the Institute you are found neglectful or unable to carry out research or guilty of conduct unbecoming of fellowship holder, the Director shall have the power to terminate your fellowship at any time without notice.
5. The position can also be terminated at any time by the Director without assigning any reason or earlier depending on the performance of the candidates.
6. Recruitment for the above temporary positions is governed by rules of the Indian Council of Forestry Research and Education and does not guarantee subsequent employment in any Institutes under the Council.
7. Candidates should bring original testimonials on date of birth, educational qualification and community certificate for verification. Attested copies of the same are to be attached with bio-data form while appearing for the interview for each project seperately. Candidates without Provisional Certificate/Degree Certificate awarded by the Universities will not be permitted to attend the interview.
8. Canvassing in any form will disqualify the candidate.
9. The Director, IWST reserves the right to increase or decrease the number of positions without assigning any reason.

Sd/-
Director