



**REGIONAL PLANT RESOURCE CENTRE  
NAYAPALLI , BHUBANESWAR**

**WALK-IN-INTERVIEW**

Advertisement No. 1197 /RPRC.

Date: 22.6.2018

Eligible candidates may attend Walk-in-Interview in P.K. Parija Hall in the premises of RPRC , Bhubaneswar on 30<sup>th</sup> June, 2018 at 11.00 A.M. for selection of Senior Research Fellows, Junior Research Fellows and Field Assistants under different research projects to be implemented in the Centre. Details about the research projects, eligible criteria, emoluments, tenure of the projects etc. can be obtained from RPRC website ([www.rprcbbsr.com](http://www.rprcbbsr.com)) or from the notice board of RPRC, Bhubaneswar.

**-Sd-**

**CHIEF EXECUTIVE**

## Regional Plant Resource Centre Bhubaneswar 751 015

### DETAILS OF THE STATE-PLAN RESERCH PROJECTS AND THE QUALIFICATION, EXPERIENCE, DURATION, REMUNERATION ETC. FOR ENGAGEMENT OF SRF/JRF/ FIELD ASST. FOR THE YEAR 2018-19

Sl. No.	Title of the project	Position	Project Duration	Essential Qualification	Desirable qualification and experience	Fellowship/ Remuneration amount	Name of the PI (s)
1	Bio-prospecting, propagation and reintroduction of some selected threatened plants of Odisha	SRF-1 FA-1	Till 31 March, 2019	For SRF: M. Sc. in Botany/ Life Science/ Forestry/ Horticulture/ Biotechnology with good academic record and two years of research experience in allied field.  For Field Asst: B.Sc./+3 Sc. with Botany as a subject (For Field Asst.)	Research/ Field experience in related field	SRF-Rs.14,000/- per month (Consolidated)  Field Asst. - Rs. 6000/- per month (Consolidated)	Dr. P. C. Panda Principal Scientist
2	Study of the structure and composition of tree vegetation in representative forest types and compilation of the pictorial guide to forest trees of Odisha	SRF-2 FA-1	-do-	For SRF: M. Sc. in Botany/ Life Science/ Forestry/ Biotechnology with good academic record and two years of research experience in allied field.  For Field Asst: B.Sc./+3 Sc. with Botany as a subject (For Field Asst.)	Research/ Field experience in related field	SRF-Rs.14,000/- per month (Consolidated)  Field Asst. - Rs. 6000/- per month (Consolidated)	Dr. P. C. Panda Principal Scientist
3	Process optimization of enhanced recovery of antifungal lead molecule from mangrove fungi	JRF-1 FA/Lab. Asst.-1	-do-	M. Sc. in Microbiology/ Biotechnology with good academic record.  For Field/ Lab. Asst.: B.Sc./+3 Sc. with Botany as a subject .	For JRF: Experience in the relevant field. Pre-Ph. D. Qualified candidates will be preferred.	JRF- Rs.12,000/- per month (Consolidated)  Field Asst.: Rs. 6000/- per month (Consolidated)	Dr. N. Gupta Principal Scientist
4	Extraction, purification and characterization of L-asparaginase from <i>Fusarium</i> sp.	SRF-1 JRF-1	-do-	For SRF: M. Sc. in Microbiology/ Biotechnology with good academic record and two years of research experience in allied field.  For JRF: M. Sc. in Microbiology/ Biotechnology with good academic record.	For SRF: Research experience in the relevant field as evidenced by publications. Pre-Ph. D. Qualified candidates will be preferred.  For JRF: Research experience in relevant field. Pre-Ph. D. Qualified candidates will be preferred.	For SRF-Rs.14,000/- per month (Consolidated)  For JRF- Rs.12,000/- per month (Consolidated)	Dr. N. Gupta Principal Scientist

5	Elucidation of genetic network for cell wall maturation in sugarcane towards biofuel production	SRF-1 FA-1	-do-	For SRF: M. Sc. in Botany/ Life Science/ Biotechnology with good academic record and two years of research experience in allied field.  For Field Asst.: B.Sc./+3 Sc. with Botany as a subject.	Experience in bio-energy research	For SRF-Rs.14,000/- per month (Consolidated)  For Field Asst. - Rs. 6000/- per month (Consolidated)	Dr. N. R. Nayak Senior Scientist
6	<i>In vitro</i> propagation of <i>Tainia penagiana</i> Hook. f, <i>Phaius tankervilleae</i> (Banks) Blume and <i>Pomatocalpa decipiens</i> (Lindl.) J.J.Sm. for introduction into the natural habitats.	FA-1	-do-	B.Sc./+3 Sc. with Botany as a subject.	Experience in Plant Tissue Culture	Rs. 6000/- per month (Consolidated)	Dr. N. R. Nayak Senior Scientist
7	Standardization on micro-propagation methods for large-scale production of <i>Anogeissus latifolia</i> / <i>Santalum album</i> / <i>Desmodium ogeinense</i>	JRF-1 Proj. Asst.-1	-do-	For JRF: M. Sc. in Botany/ Biotechnology/ Life Science with good academic record.  For Project Asst.: B.Sc./+3 Sc. with Botany as a subject.	Relevant Lab. experience	JRF- Rs.12,000/- per month (Consolidated)  For Project Asst. - Rs. 6000/- per month (Consolidated)	Dr. G. K. Surabhi Senior Scientist
8	Neuroprotective effect of <i>Geophila repens</i> in Alzheimer disease-A pivotal role for modulating oxidative stress.	SRF/JR F-1	-do-	For SRF: M. Pharm (Cology/ Chemistry/ Cognosy/ Biotechnology); M. Sc. in Biotechnology/ Botany/ Biochemistry/ Life Science/ Zoology with good academic record and two years of research experience in allied field.  For JRF: M. Pharm (Cology/ Chemistry/ Cognosy/ Biotechnology); M. Sc. in Biotechnology/ Botany/ Biochemistry/ Life Science/ Zoology with good academic record.	For SRF: Research experience in animal handling.	SRF-Rs.14,000/- per month (Consolidated)  JRF- Rs.12,000/- per month (Consolidated)	Dr. A. K. Sahoo Senior Scientist
9	<i>Hydrolea zeylanica</i> ameliorates type-II diabetic induced neurodegenerative disorders	SRF/JR F-1	-do-	For SRF: M. Pharm (Cology/ Chemistry/ Cognosy/ Biotechnology); M. Sc. in Biotechnology/ Botany/ Biochemistry/ Life Science/ Zoology with good academic record & two years of research experience in allied field.  For JRF: M. Pharm (Cology/ Chemistry/ Cognosy/ Biotechnology); M. Sc. in Biotechnology/ Botany/ Biochemistry/ Life Science/ Zoology with good academic record.	For SRF: Research experience in animal handling.	SRF-Rs.14,000/- per month (Consolidated)  JRF- Rs.12,000/- per month (Consolidated)	Dr. A. K. Sahoo Senior Scientist

10	<i>In vitro</i> propagation of banana (var. Champa & Yagambi) and assessment of genetic fidelity in the regenerated plant lets through RAPD and ISSR markers	SRF-1 FA-1	-do-	For SRF: M. Sc. in Botany/ Biotechnology with good academic record and two years of research experience in allied field.  For Field Asst.: B.Sc. or +3 Sc. in Biotechnology/ Life Science.	For SRF: Research experience in Plant Tissue Culture  For FA: Experience in Plant Tissue Culture	SRF- Rs.14,000/- per month (Consolidated)  Field Asst.- Rs. 6000/- per month (Consolidated)	Dr. B. Deo Senior Scientist
11	Evaluation of vegetatively propagated re-introduced mangrove plant <i>Heritiera littoralis</i> for their adaptability in Bhitarkanika National Park	JRF-1	-do-	M. Sc. in Botany/ Biotechnology/ Biochemistry with good academic record.	Field and lab. experience in relevant field of research	For JRF- Rs.12,000/- per month (Consolidated)	Dr. U. C. Basak Senior Scientist
12	Assessment of pectins and essential amino acids (EAA) in some unexplored wild edible fruits of Odisha	SRF-1 JRF-1	-do-	For SRF: M. Sc. in Botany/ Biochemistry/ Biotechnology with good academic record and two years of field and lab. research experience in allied field.  For JRF: M. Sc. in Botany/ Biochemistry/ Biotechnology with good academic record.	For SRF: Publications in the relevant field. Pre-Ph. D. Qualified candidates will be preferred.  For JRF: Field and Lab. Experience in the relevant field. Pre-Ph. D. Qualified candidates will be preferred.	For SRF- Rs.14,000/- per month (Consolidated)  For JRF- Rs.12,000/- per month (Consolidated)	Dr. U. C. Basak Senior Scientist
13	Evaluation of selected medicinal plants against aflatoxin producing fungus <i>Aspergillus flavus</i>	SRF/JR F-1	-do-	For SRF: M. Sc. in Botany/ Biotechnology/ Microbiology with good academic record and two years of research experience in allied field.  For JRF: M. Sc. in Botany/ Biotechnology/ Microbiology with good academic record.	Research experience in the relevant field and publications.	For SRF-Rs.14,000/- per month (Consolidated)  For JRF- Rs.12,000/- per month (Consolidated)	Dr. S. Bhatnagar Senior Scientist
14	A study on seed viability of important medicinal plant <i>Withania somnifera</i>	FA-1	-do-	B.Sc. or +3 Sc. with Botany as a subject/ B. Sc. in Biotechnology/ Agriculture.	Field experience	For Field Asst.- Rs. 6000/- per month (Consolidated)	Dr. S. Bhatnagar Senior Scientist
15	Studies on systematic, morphology, taxonomy and bioprospecting of Solanaceae in Eastern Ghats, India	JRF-1 FA-1	-do-	For JRF: M. Sc. in Botany/ Life Science/ Forestry with good academic record.  For Field Asst.: B.Sc./+3 Sc. with Botany as a subject.	Experience in the relevant field. Pre-Ph. D. Qualified candidates will be preferred.	For JRF-Rs.12,000/- per month (Consolidated)  For Field Asst.- Rs. 6000/- per month (Consolidated)	Dr. C. Kalidass Scientist
16	Mass production of micro-tubers of potato through tissue culture.	JRF-1	-do-	For JRF: M. Sc. in Botany/ Life Science/ Biotechnology with good academic record.	Experience in the relevant field. Pre-Ph. D. Qualified candidates will be preferred.	Rs.12,000/- per month (Consolidated)	Dr. C. Kalidass Scientist
17	Publication of Books/ Reports/ Brochures/ Handouts etc.	-	-do-	-	-	-	RPRC

