

# National Center for Natural Resources

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

Advt. No.: NCSR/PRSU/01/2012

Dated: November 21, 2012

## ADVERTISEMENT

Applications are invited from eligible candidates on prescribed application form [[www.prsu.ac.in](http://www.prsu.ac.in)] with relevant certificates for the following positions for a period of three years in SERB, DST-funded research project entitled, "National Center for Natural Resources" (DST Ref. No. IR/SO/LU/0008/2011 Dated 3.7.2012).

**Positions:** RA/PDF - 2, 2, 1; Project Fellow - 10; Technical Assistant - 05; Field Assistant - 06  
**Monthly Fellowship:** RA – Rs. 22000; 23000; 24000 pm; **Project Fellow** – Rs.14000 pm;  
**Technical Assistant** – Rs. 8000 pm; **Field Assistant** – Rs. 6000 pm. All fellowships will include additional HRA and Medical allowance as per the DST/ University norms.

**Essential Qualifications:** RA – Ph.D. degree in Botany/ Biochemistry/ Biotechnology/ Bioscience/ Life Science/ Pharmacy/ Medicinal Chemistry/ Organic Chemistry/ Phytochemistry/ Anthropology (Physical)/ Human Biology/ Human Genetics; **Project Fellow** – M.Sc. in above mentioned subjects with at least 55% aggregate marks; **Technical Assistant** – B.Sc. with at least 55% marks/ 3-Year Diploma; **Field Assistant** – Higher Secondary

**Age Limit:** Maximum age limits for RA/ PF/ TA are 35, 32 and 28 years, respectively, as on the day of submission of the application. Relaxation in age limit of the candidates belonging to SC/ST/OBC shall be provided as per the Government rules.

**Last Date:** Mail your application to Prof. A.K. Pati (akpati19@gmail.com), Director, NCSR, SoS in Life Science, Pt. Ravishankar Shukla University, Raipur – 492010 (Chhattisgarh), on or before 24th December, 2012.

**Note:** The above positions are purely temporary and co-terminus with completion of the project.

**Visit [www.prsu.ac.in](http://www.prsu.ac.in) for application form and other details.** No TA/DA will be paid to candidates if called for interview.

Sd/  
Registrar

## Essential & Desirable Qualifications

Post	No. of post	Rs./ month	Essential Qualification	Desirable Qualification	Nature of Work
RA/PDF	02	22000.00	The candidates possessing any one of the following essential and desirable qualifications will be appointed as RA/PDF. Preference will be given to candidates having experience of working with modern equipments, such as NMR, LC-MS-MS, GC, HPLC, RT-PCR, AAS, FTIR, UV-Vis/ Fluorescence spectrophotometers.		
	02	23000.00			
	01	24000.00			
			<b>Essential Qualification</b>	<b>Desirable Qualification</b>	<b>Nature of Work</b>
			Ph.D. Physical Anthropology/ Human Genetics/ Human Biology	Experience of conducting survey work in tribal area, Experience of working in Molecular Genetics Lab, Knowledge of Computer	Fieldwork in tribal areas, Coordination of survey work of various districts of C.G., Data management and Molecular genetic analysis of sample, Data analysis and Report writing
			Ph.D. Biotechnology/ Bioscience/ Life Science	Expertise in techniques of plant tissue culture and handling of molecular markers	Coordinate the activity on <i>in vitro</i> propagation, conservation and assessment of off-types; of selected medicinal plants.
			Ph.D. Organic Chemistry/ Phytochemistry/ Biochemistry/ Medicinal Chemistry	Natural products/ phytochemistry synthetic/ semi-synthetic chemistry and analytical chemistry	Extraction, isolation, purification, chemical transformation and scaling up of natural products. To work with modern instruments, like NMR, LC-MS-MS, GC, HPLC, UV-Vis spectrophotometer
			Ph.D. Bioscience/ Life Science/ Microbiology/ Biotechnology	Expertise in planning and executing the work in the area of natural products isolation and their testing <i>in vivo</i> and <i>in vitro</i>	Extraction, isolation & purification of phytochemicals, and their bioefficacy testing in <i>in vitro</i> and <i>in vivo</i>
			M.Pharm. Pharmaceutics/ Pharmacognosy	Formulation Development/ Fingerprinting/ Standardization of Bio-actives	Pre-formulation and formulation studies and protocols development. Fingerprinting and standardization of Bio-actives. Acquaintance with ICP, WHO and ISB Guidelines
			Ph.D. Botany/ Biochemistry/ Biotechnology/ Bioscience/ Life Science	Experimental knowledge of protocols used in the collection of germplasm and assessment of quality seed and seedlings	Planning and execution of experimental protocols. Giving training to the villagers regarding seed collection, raising and maintenance of MPs nursery
<b>Project Fellow</b>	<b>10</b>	14000.00	M.Sc. in relevant subjects [as above]	As above	As above
<b>Technical Assistant</b>	<b>05</b>	8000.00	B.Sc.	Professional qualification in Analytical/ Instrumentation/ Lab Techniques, Knowledge of computer	To assist RA and Project Fellow
<b>Field Assistant</b>	<b>06</b>	6000.00	HSSC	Experience of working in field studies	To assist in research laboratory and field operations

**FORMAT of APPLICATION**  
**for the positions of RA/PDF, Project Fellow, Technical & Field Assistants in the**  
**NATIONAL CENTER FOR NATURAL RESOURCES**  
**Pt. Ravishankar Shukla University, Raipur, Chhattisgarh**

<b>Application for the post of:</b> RA/ PDF/ Project Fellow/ Technical Assistant/ Field Assistant	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Affix your  passport  size color  photograph </div>				
<b>Name of the Candidate (in block letters):</b>					
<b>Father's/Husband's Name:</b>					
<b>Date of Birth:</b>	DD/MM/YYYY				
<b>Category:</b>	UR/SC/ST/OBC/ Woman				
<b>Address for Correspondence:</b>					
<b>Telephone with STD Code:</b>					
<b>Mobile:</b>	+91-				
<b>Email ID [write clearly &amp; legibly]:</b>					
<b>Academic Qualifications:</b>					
S. No.	Degree	Board/University	Subjects	Class & Percentage	Year of Passing
<b>Research Experience:</b>	Mention area of research and length in completed years. Attach list of publications, if any.				
<b>Technical skills, including computer knowledge, if any:</b>					
<b>Other work experience in completed years, if any:</b>					
<b>I hereby declare that the information furnished is correct and complete to the best of my knowledge &amp; belief.</b>					
Place:	Signature of the candidate:				
Date:	[Full Name]				

Type this format in plain paper, if you find this insufficient.