



DEPARTMENT OF PURE & APPLIED PHYSICS

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

(A Central University established by the Central Universities Act, 2009)

Ph: +91-07752-260477, www.ggu.ac.in

(A Department Inducted under FIST, DST and Supported by UGC under SAP (DRS-I))

ADVT. NO. PHY/SPP/October-2015

Department of Pure & Applied Physics, established in the year 1995 is one of the premier departments of the University. Department has been actively engaged in several research and development programmes supported by various funding agencies including the establishment of National Centre for Accelerator based Research (NCAR) supported by DAE-BRNS, UGC and IUAC, New Delhi. The department invites applications from Indian nationals for the following purely temporary vacancies in different research projects. The details of positions and minimum qualifications are as follows:

Post Code 01: IUAC supported project entitled “**Metal Induced Crystallization of Amorphous Semiconductors under Swift Heavy Ion Irradiation**” under Principal Investigator **Dr. Shiv Poojan Patel**. The details of position and minimum qualifications are as follows:

Number of Fellowship (Project Fellow: 01)

Essential Qualifications: M.Sc. in Physics preferably specialization in Solid State Physics or Materials Science with a minimum of 55% marks. The maximum age for JRF/Project Fellow position is 28 years, which may be relaxed to reserve category candidates as per the rules of Government of India.

Desirable: VRET/NET/SAT qualified candidates will be preferred.

Duration of the project: Three years

Amount of fellowship: Rs. 16000/- P.M. (consolidated) for candidates with NET and Rs. 14000/- P.M. (consolidated) for candidates without NET will be paid.

Selected JRF will have to work on the proposed research plan. VRET/NET/SLET qualified candidates will also get a chance of registering for Ph.D.

Contact- shivpoojanbhola@gmail.com (Principal Investigator)

Post Code 02: IUAC supported project entitled “**Systematic Investigations of Octupole Correlations in ¹⁵¹⁻¹⁵³Eu N=87-90 Nuclei**” under Principal Investigator **Dr. Tarkeshwar Trivedi**. The details of position and minimum qualifications are as follows:

Number of Fellowship (Project Fellow: 01)

Essential Qualifications: M.Sc. in Physics preferably specialization in Nuclear Physics with a minimum of 55% marks. The maximum age for JRF/Project Fellow position is 28 years, which may be relaxed to reserve category candidates as per the rules of Government of India.

Desirable: : VRET/NET/SLET candidates with experience in computation/data analysis will be preferred

Duration of the project: Two Years, 4 Months

Amount of fellowship: Rs. 16000 /- P.M. (consolidated) for candidates with NET and Rs. 14000 /- P.M. (consolidated) for candidates without NET will be paid.

Selected JRF will have to work on the proposed research plan. VRET/NET/SLET qualified candidates will also get a chance of registering for Ph.D.

Contact: ttrivedi1@gmail.com (**Principal Investigator**)

Post Code 03: DAE-BRNS supported Research Fellowships for National Centre for Accelerator Based Research (NCAR) (No.2013/34/18/BRNS/865) under Principle Investigator **Prof. P. K. Bajpai**

Number of Fellowships (JRF): 01

Eligibility: M.Sc. in Physics with more than 55% marks. **VRET/NET/SLET** qualified students will be given preference.

Tenure: Total period of fellowship in respect of JRF upto March 2016. However, tenure may likely be extended for two more years.

Amount of fellowship: 1st & 2nd Years Grant: Fellowship @ Rs 16,000/pm and contingency @ Rs 20,000/p.a.

3rd, 4th & 5th Years Grant: Fellowship @ Rs 18,000/pm and contingency @ Rs. 20,000/- p.a.

(HRA may be provided as per university rules if hostel accommodation is not available)

Contact Details: Email address: bajpai.pk1@gmail.com, Mobil No- 09424154024

Post Code 04: UGC-BSR Research Fellowships (F.4-1/2006 (BSR)/7-406/2012 (BSR) under principle investigator **Prof. P. K. Bajpai**.

Number of Fellowships (JRF): 05

Eligibility: The candidates who are already selected to the Ph.D. program of the university through Vishwavidyalaya Research Entrance Test (VRET) or NET/SLET qualified in Physics/Electronics. The registration for Ph.D. may follow after the admissions.

Tenure:

The tenure of fellowship is initially for two years under the BSR scheme. Upon expiry of this period the work of the fellow will be evaluated by experts committee to be set up by the university. If the research work is found satisfactory, his/her tenure will be extended for a further period of three years. In case of the work for the first two years is not found satisfactory an additional year will be given to him/her for improvement. In such cases work will be evaluated again after three years and if improvement is found the fellow will get two more years under the BSR. Thus the total period of fellowship is five years with no further provision of extension. However, extension after 2017 may depend upon is not likely.

Amount of fellowship:

For Non- NET/SLET/GATE candidate:

1st & 2nd Years Grant: Fellowship @ Rs 14,000/pm and contingency @ Rs 12,000/pa. + HRA as per university rules

3rd, 4th & 5th Years Grant: Fellowship @ Rs 16,000/pm and contingency @ Rs. 25,000/- p.a. + HRA as per university rules

For NET/SLET/GATE qualified candidate:

1st & 2nd Years Grant: Fellowship @ Rs 16,000/pm and contingency @ Rs 12,000/pa. + HRA as per university rules

3rd, 4th, & 5th Years Grant: Fellowship @ Rs 18,000/pm and contingency @ Rs. 25,000/- p.a. + HRA as per university rules

Post Code 05: UGC sponsored project entitled “**Synthesis and development of double mixed perovskite oxide based lead free Piezo-ceramics.**” under Principal Investigator **Dr. H S Tewari**. The details of position and minimum qualifications are as follows:

Name and Number of Fellowship (Project Fellow: 01)

Essential Qualifications: M.Sc. in Physics preferably specialization in Solid State Physics or Materials Science with a minimum of 55% marks. The maximum age for JRF/Project Fellow position is 28 years, which may be relaxed to reserve category candidates as per the rules of Government of India.

Desirable: VRET/ NET/SLET qualified candidates will be preferred.

Duration of the project: Five months only.

Amount of fellowship: Rs. 14000 /- P.M. (consolidated).

Age limit: 28 years or below till last date application. Relaxation of 5 years is applicable to SC/ST/OBC, women and physically challenged candidates

Selected fellow will have to work on the proposed research plan. This post is purely temporary. This project is extended for sixth and tenure of fellowship will be for 05 months only as per university rules.

Contact- tewari.hs@gmail.com (Principal Investigator)

General Terms and Conditions:

1. No TA/DA will be paid for attending the interview.
2. All these positions are purely temporary for the said project period only. They could be terminated depending on the performance of the candidates without giving any prior notice.
3. Mere fulfilling the minimum qualifications will not entitle the candidate for being called for interview. The applications will be screened by a Committee and candidates found suitable will be called for interview. The decision of the selection committee will be final in this regards.
4. Any of the selected individuals may from time to time be assigned to perform any other duties commensurate with their qualifications.

Interested candidates who fulfill the above conditions may send their applications on plain paper mentioning their personal and academic information's. Please send separate applications for more than one post. The complete application form along with testimonials can be send to **“Prof. P. K. Bajpai, HOD, Department of Pure & Applied Physics, Guru Ghasidas Central University, Koni, Bilaspur-495009 (C.G.), India** subscribing post code and Advt. No. on the top of the envelope. Candidates can send their application form also through e-mail on bajpai.pk1@gmail.com or concern P.I. For more information contact on 07752-260477, 09424154024 or login our website www.ggu.ac.in. Kindly visit website regularly for any updates.

Last Date of Submission: 15 /11/2015

(Prof. P. K. Bajpai)
HOD
Dept. of Pure & Applied Physics
Guru Ghasidas Central University
Pin-495009, Koni, India

