JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

Ref : SP/YO/2019/1599(G) Dt : 27-2-2020

NOTIFICATION

Applications are invited for the following positions in the DST SEED, Government of India sponsored project, **"Sophisticated Flexible Supercapacitor for High Energy Storage application based on Nano materials"** only from qualified candidates. Interested candidates are requested to send their applications in the prescribed format (attached with this advertisement) to the Principal Investigator on or before **10/03/2020 (4:30pm)** and attend an interview on **11/03/2020 at 10.30AM** in the Chamber of the Principal Investigator, Centre for Nano Science and Technology, IST, JNTUH at the address given above.

The details of the position are given below:

Junior Research Fellowship (JRF): 01(ONE).

Fellowship: Rs. 31,000/- (Thirty One Thousand) + HRA per month

Qualification: Candidates should have post-graduation degree in any of the following disciplines M.Sc/M.E./M.Tech in Physics/Nanotechnology/Materials Science. Preference will be given to GATE qualified who have experience in understanding of processing, characterization on materials, Electrochemical Studies and hands on experience on Cyclic Voltammeter.

How to Apply

The candidates should fill the application form in the prescribed format available on the institute website (www.jntuh.ac.in and www.jntuhist.ac.in). copy of the application may be emailed to pidstseedsyst@gmail.com on or before **10th March 2020(4:30pm),** but physical presence on the day of walk in interview **11th March 2020, carry the original certificates for verification process**.

Walk in Interview

Resume along with one passport size photograph and relevant documents are required at the time of interview.

Venue: PI Chamber, Department of Centre for Nano Science and Technology, IST, JNTUH.

Date and Time: 11th March 2020 at 10:30 AM

About the project:

Now a days people are depending on electrical energy sources for each and every application, using the devices like smart phone, watches, Uninterrupted power supply, scientific calculators and applications which requires high power pulses came to limelight. presently energy seems to be ever increasing demand for households and industries who require extreme energy to be stored and delivered at any time. Existing production of energy face some problems, the clime of the increasing environment pollution and drain of fossil fuels. Renewable energy sources also infeasible along the year so necessitous to develop clean, efficient, safe and economically sophisticated methods to store energy.

To overcome the consequences traditional ways are hybrid storage methods like Batteries, fuel cells and Supercapacitors (SCs). SCs are emerging and rapidly developing electrical energy storage technology that provides significant robustness and efficiency benefits over alternative energy storages. SCs have very high capacity and a low internal resistance, that are capable to store and deliver energy at relatively vast rates as compared to batteries.

Current problem is important because the future is mostly depends on the hybrid energy storage devices to store electrical energy and release when it required. Solving the problem produce sophisticated energy storing devices with removal of existing challenges.

Proforma of application for the post

In the DST sponsored project

APPLICATION FORM

For the position of JRF to work in the DST sponsored project [Project No. SP/YO/2019/1599(G)**]**

PHOTO

Post Applied for: ----------

1. **Name in Full:**
2. **Gender:**
3. **Date of Birth:**
4. **Place of Birth:**
5. **Nationality:**
6. **Domicile state:**
7. **Mother's Name:**
8. **Father/Husband's Name:**
9. **Address for Correspondence:**
10. **Permanent Address:**
11. **Telephone(with STD code)**
12. **Mobile:**
13. **Email Address (Compulsory):**
14. **Specific Category:**
15. **Educational Qualification:**

S. No	Examination Passed	University/ Board	Year of Passing	Division/ grade	% marks	Subjects taken

Percent conversion of grade should be specified and the proof of conversion factor should be shown at the time of interview

16. **Details of Previous Experience:**

S.No	Name of the Employer with full address	Salary Drawn	Period of service	Nature of Duties

If selected, minimum time required to join the post.....days.

17. **References (minimum two), Name, Designation, Institute address, Mobile/Tel no and Email id**

1. ----------

---

2. ----------

---

18. **Any other relevant information:**

_____

_____

_____

Declaration by the candidate:

I affirm that the information given in this application is true and correct. I also fully understand that if at any stage, it is discovered that an attempt has been made by me to willfully conceal or misrepresent the facts, my candidature may be summarily rejected or my employment terminated with immediate effect.

Place: ……
Date: ……

(Candidate Name & Signature)

TERMS AND CONDITIONS

1. **Only eligible candidates are required to apply.**
2. The contract is purely temporary and initially only for a period of one year but extendable if work is found satisfactory on year to year basis till the completion of the project.
3. JRF candidate admitted in the scheme is expected to join the Ph. D programme.
4. Candidates have to fully devote their time for the project work and are not allowed to join any other course (part/ full time).
5. Maximum age limit is 30 years as on 25-3-2020 and Age relaxation for SC/ST/OBC and women candidates will be extended as per DST rules and 230(17) of GFR 2017 concerning reservation of SC/ST/OBC, if applicable.
6. Candidates who wish to leave the project in between have to inform the PI in writing at least 3 months before or till other personnel is employed in the project, whichever is earlier.
7. Selection will be made purely as per the DST and University guidelines subject to approval by DST.
8. **No TA/DA will be paid for either attending the interview or while joining the project**.
9. Complete applications in the prescribed format should reach the following address on or before **10/03/ 2020 (4:30pm) by post/ e-mail.**

10. Address for Correspondence:
    Name: **Dr. CH. Shilpa Chakra**
    Designation: **Assistant Professor of Nanotechnology**
    Centre for Nano Science and Technology, Institute of Science & Technology
    JNTU Hyderabad, Kukatpally, Hyderabad, **Telangana.**
    Pin: **500085**

    e-mail ids: **pidstseedsyst@gmail.com**

    *Interview for selected candidates is on **11/03/2020 at 10.30AM** in PI Chamber, Centre for Nano Science and Technology, IST, JNTUH(New IST Building). Candidates have to appear before the selection committee with all relevant documents/certificates in original and if selected, should join the project immediately.*

11. If any false information is provided by the candidates and is found guilty, necessary action will be taken and the candidate has to refund all the payments made to him/her.

Principal Investigator

(Dr. CH. Shilpa Chakra)