



अहमदाबाद
AHMEDABAD

National Institute of Pharmaceutical Education and Research- Ahmedabad
(Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India)
Palaj, Opposite Air Force Station, Gandhinagar-382355, Gujarat, India

RECRUITMENT OF JRF - DBT SPONSORED RESEARCH PROJECT

Applications are invited from eligible candidates for temporary **Junior Research Fellow (JRF)** position in the projects funded by Department of Biotechnology (DBT). The position is **temporary** and the offer will be initially for a period of **ONE Year** that can be extended and converted into SRF after successful completion of two years as JRF. Further based on the performance and will be co terminus with the project. If the candidate also fulfils the institute criteria, admission in Ph.D through NIPER entrance may be considered. The requisite qualification & experience etc. for the project are given below.

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| Position | JRF (one post only) |
| Project Title | LIGHT AMPLIFYING CARBON QUANTUM DOT EMBEDDED CONTACT LENSES FOR TREATMENT OF NIGHT BLINDNESS |
| Principle investigator / Co-PI | Dr. Govinda Kapusetti Assistant Professor (Medical Devices) Email: govinda@niperahm.ac.in, govindphysics@gmail.com |
| Qualification and Experience required | M.Sc/ M.Tech/ M.S in Biomedical Engineering, Mechanical Engineering, Material Science & Engineering, Chemical Engineering, Medical Devices, Nanotechnology & sciences, Applied Sciences, Physics, and Chemistry <ul style="list-style-type: none">• Experience in synthesis of nano structured materials• Physical, mechanical and biological characterizations of nano structured materials and composites• Experience in animal handling is preferable |
| Job Profile | Primary focus of this project: 1. Synthesis of carbon quantum dots with desired size to obtain specific emission spectra for light amplification 2. Fabrication of quantum dot reinforced contact lenses 3. Physical, optical, and mechanical characterization of quantum dots and contact lenses 4. <i>In-vitro</i> and <i>in-vivo</i> evolution of fabricated lenses against the disease models 5. Writing of research articles, patents and other related documents. |
| Salary | Rs.25,000+10% HRA per month for 1 st and 2 nd year Rs. 28,000 + 10 % HRA per month for 3 rd year |

Interested candidates should send their applications strictly in the attached application format via email to Registrar, NIPER-A (registrar@niperahm.ac.in) with a copy to individual PI/Co-PI for each project on or before **25th Jan, 2019**. Please write "**Application for JRF**" in the subject line of the email. The shortlisted candidates will be intimated by email by **23rd Jan, 2019** and interviewed on **10 AM, 31st Jan, 2019**.

Application Instructions:

- Original certificates and self attested copies of all certificates need to be presented before the interview for verification.
- No TA/DA will be paid for attending the interview.
- Canvassing in any form will lead to disqualification of candidature.
- Tentative Date of Interview – within two weeks of application deadline.
- Venue of Interview – Conference Room, NIPER-Ahmedabad, Palaj, Opposite Air Force Station, Gandhinagar-382355, Gujarat, India. Contact no:079-66745502
- Application should be strictly according to the attached format.
- Last date for receiving of application is 25th Jan, 2019.

Director

APPLICATION FOR JRF (Project) POSITION

1. Full Name: PHOTO
2. Date of Birth:
3. Sex M/F:
4. Marital Status:
5. Nationality:
6. Physically handicapped: Y/N
7. Father's Name:
8. Address of Correspondence:
- a. Phone No.:
 - b. Mobile No.:
 - c. E-mail Address:

9. Academic Record:

a. GATE/CSIR/UGC National Exam Qualification details with Percent marks/Rank, year of qualifying etc.

b. Qualifying Degree:

| Examination with Specialization | Name of School, College, University/Institute, with city and state name | Year of passing | Subjects | Percentage of marks/GPA obtained | Distinction/Divison |
|---------------------------------|---|-----------------|----------|----------------------------------|---------------------|
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- c. Details of the project carried out with duration, place of work,, area worked on, mentor/guide's name, description of the project and contribution to the project (in not more than 5 sentences)
- d. Attach list of publications (National and International separate) with a clear mention of 2016 impact factor (if any):

- e. Working experience (if any):
- f. Whether currently employed: Y/N
- g. Time required to join this position

10. Names and addresses of three referees along with phone number and e-mail address.

Declaration

I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:
Place:

Signature