

JUNIOR RESEARCH FELLOW (INSTRUMENTATION)

Reference Code : HLL/HR/06/2023

Job Title : JUNIOR RESEARCH FELLOW (INSTRUMENTATION)

Start Date : 10.05.2023

End Date : 24.05.2023

Company

HLL Lifecare Limited (HLL) is a Govt. of India Healthcare products manufacturing and services Company based in Thiruvananthapuram, Kerala, India under the Union Ministry of Health and Family Welfare, HLL is a global leader in the area of contraceptives, hospital products and healthcare services. With 8 manufacturing units, 4 subsidiary / joint venture companies, 21 regional offices. HLL exports products to over 85 countries. Besides this, HLL is engaged in providing healthcare and diagnostic services, consultancy and contract services for healthcare infrastructure projects and consultancy services for procurement of medical equipment and devices in healthcare sector. Thus, HLL is positioned as a total healthcare solution provider catering to the well-being of the society at large.

Department

HLL Corporate R & D Centre

Project

Development of Electrospun-Q-dots Nanofibrous-membrane for dual purpose fluorescence and electrochemical biosensor for breast cancer detection, Project funded by BRNS

Tasks

Synthesis of semiconductor Q-dots. Fabrication and characterization of nanofibrous membranes. Antibody conjugation of the nanofibers. Result analysis and compilation, document preparation for the project.

Requirements

Maximum Age :30 years as on 01.05.2023

Fellowship : INR 31,000 + HRA (as per BRNS Norms, subject to fulfilling eligibility criteria).

Qualification:

Essential : M.Sc in Physics / Chemistry or Equivalent with minimum 60% marks or equivalent CGPA

Desirable : GATE / NET-JRF / NET –Lectureship / SLET qualified candidates

Post Qualification Experience

Essential : Minimum 1 year research experience in nanomaterials such as semiconductor Q-dots synthesis and characterization. Handling of Electro Spinning machine and preparation of electrospun fibers of different polymers. Knowledge of handling equipments : fluorescence spectrophotometer, FTIR, UV spectrophotometer, particle size analyzer etc. knowledge of Microsoft Word, Excel and PowerPoint.

PROJECT DURATION:Initially 1 year and may be extended based upon the performance of the candidate till the completion of the project.

No. of Positions : 1

Posting Location :Thiruvananthapuram

Contract Type : Non-Executive – Contract

Employment Fraction : Full-time

General Conditions:

- Applications not in the prescribed format **will not be considered** for selection process and no further communication will be sent separately.
- Application Format can be downloaded from the website.
- Job title and Reference code should be clearly mentioned in the Application form
- SC/ST/OBC/PwD candidates will be eligible for relaxation as per Government of India directives.
- Canvassing in any form will be a disqualification.

For applying for the post, candidates can send the following details to recruiter@lifecarehl.com

***** (Application in the prescribed format, CV, Copies of All Education & Experience certificates, Salary Slip etc.)***