



## **PSG INSTITUTE OF ADVANCED STUDIES**

Nanotech Research Innovation & Incubation Centre  
Avinashi Road, Peelamedu  
Coimbatore –641 004

Applications are invited for the position of Junior Research Fellow for the Project entitled “**Microfluidic device-based instrument for screening breast cancer using miRNA detection from the serum**” for a DST-BDTD funded project

**Number of posts: 2**

### **Qualification:**

- Post 1: M.Sc. in Biotechnology / M.Sc. Microbiology , NET qualified
- Post 2: B.Tech (NET qualified) / M.Tech in Electronics/ Mechanical/ Biomedical/ Mechatronics/ Instrumentation

### **Scope of work post 1:**

- Sample collection and isolation of serum, miRNA-based experiments on microfluidic platform, Data analysis of fluorescence microscopy, validation using RT-PCR, market research.

### **Scope of work post 2:**

- Microfluidic device design, Instrument design and development, Validation and testing.

Eligible candidates may send their detailed biodata to Prof. Bindu Salim by e-mail: [bbs@psgias.ac.in](mailto:bbs@psgias.ac.in) on or before 30-8-2019.