Indian Institute of Technology Gandhinagar (IITGN) invites applications for JRF+RA positions for following project:

Title of Project: Multiomics data analysis to demarcate oral cancer and healthy tissue for margin clearance.

Brief description: This project aims to do omics data analysis for establishing molecular signatures to differentiate between healthy and cancer tissue. Intended outcomes of this project include the development of open-source machine learning tools for various regulatory network Inference, creation of an India specific omics database as well as open-source tools for integrated pipeline analysis for oral cancer, as well as establishing molecular signatures for a clear demarcation of healthy and cancerous tissue in patients with oral cancer for developing new techniques for surgery.

Link: Apply online at http://labs.iitgn.ac.in/datascience/positions

Duration: Initially for one year and may be extended annually after performance evaluation till the end of the project.

Essential Qualifications:
1. **For JRF**: M.Sc.or M.Tech. in Biotechnology/Life Sciences/Computer Science with at least 60% marks along with GATE/NET or any national level JRF eligibility test qualified.

2. **For Research Associate**: Ph.D. in bioinformatics or machine learning with a keen interest to apply machine learning techniques in biological data analysis.

Desirable: Experience in running bioinformatics software as well as coding in python highly desirable.
Principal Investigator: Anirban Dasgupta, Professor of Computer Science and Engineering.
No. of Positions: Two (1 JRF + 1 Research Associate)

Fellowship:
1. JRF INR 25,000 + 20% HRA per month
2. Research Associate INR 36,000 + 20% HRA per month

Start date:
1. JRF: As soon as possible.
2. RA: Tentative start date from Feb 01, 2021.

Application deadline: Applications will continue to be screened until the post is filled.