



Walk-in interview for JRF position # 1 in a sponsored R&D project (Candidate may be enrolled for Ph.D. program in August, 2020*)

We are looking for a young, creative and enthusiastic candidate to contribute in a DBT sponsored research project in the area of “Application of artificial intelligence and optimal control in optimizing protein/vaccine production in bioreactor system: A step towards affordable biomolecule production.”

Position available: 1 JRF (Junior Research Fellow)

For Period: More than 2 years

Essential Qualification: M.Tech. in Chemical Engg./M. Tech in Biotechnology/M. Sc in Biotechnology/ with minimum 75% marks (CGPA 7.5 out of 10) with a GATE score.

Those who are in their final semester of M.Tech. program and expecting their result by July 31, 2019 and have a GATE score are also eligible.

Age: Not more than 30 years as on March 31, 2020

Desirable: Knowledge and extensive experience in **fermenter operation**, bioreactor sensors (ph sensor and oxygen sensor), **industry experience** in fermenter operation set up, **suspension cell culture** (shaker flask level) in shaking incubator, recombinant protein expression, prior experience in expression vector and cloning, PCR, experimental protocols, general microscopy principles, bacterial/insect/mammalian cell handling, Microsoft excel, are preferable.

*Upon qualifying the set criteria by the department of Chem Engg, applicable candidates may register for PhD program also.

Monthly stipend: As per the revised GOI norm + HRA (if stays outside the IITH campus).

If you meet the above criteria, please send your latest CV to giril@che.iith.ac.in on or before 30th April, 2020 by 5:00 P.M.

Date, Venue and time of interview: Will be intimated after the situation of COVID-19 is settled down.

Note:

1. No TA/DA will be paid for the candidates appearing in the interview.
2. If no candidate is found suitable, position may remain vacant.

Project Investigator(s)

Lopamudra Giri, Associate Professor, Dept. of Chemical Engineering
Kishalay Mitra, Associate Professor, Dept. of Chemical Engineering