



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

CALL FOR JUNIOR RESEARCH FELLOW FOR DST-SERB SRG PROJECT

Date: 30th September 2022

Applications are invited from suitable candidates for **Junior Research Fellow (JRF)** to work on the following project sponsored by the **Science & Engineering Research Board (SERB)** under the supervision of **Dr. Arnab Dutta**, Department of Chemical Engineering, BITS-Pilani, Hyderabad campus.

Title of the project	Simulation-based optimization framework for waste cold recovery in LNG regasification terminals
Duration of the project	Two Years
Project position	Junior Research Fellow (JRF)
Number of vacancies	01
Fellowship amount	<ul style="list-style-type: none">• INR 31000/- per month for GATE qualified candidates.• INR 25000/- per month for non-GATE qualified candidates.
Eligibility requirements	<ul style="list-style-type: none">• M.Tech./M.E. or B.Tech./B.E. in Chemical Engineering and allied areas. GATE score is desirable but not mandatory.• Age not exceeding 35 years as of the date of interview.• Candidate should be interested in carrying out computational research work. The project involves simulations using process simulators like Aspen, process optimization, and development of machine learning-based models using MATLAB. Prior knowledge of Aspen/MATLAB is advantageous but not mandatory.

How to apply: Interested candidates with the above mentioned qualification can send their application (format attached) giving detailed information about the educational qualifications, research experience, and published research papers if any, by **19th October 2022**, to the Principal Investigator, **Dr. Arnab Dutta** via email: arnabdutta@hyderabad.bits-pilani.ac.in. Please note that only qualified and suitable candidates will be called for online interviews to be tentatively held around **the last week of October**. The details will be sent to candidates via email.

Selected candidate may be permitted to register for the Ph.D. programme of BITS Pilani subject to the fulfilment of the requirements of Ph.D. qualification process as per the institute norms.

Dr. Arnab Dutta

Assistant Professor

Department of Chemical Engineering

Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Medchal District, Kapra Mandal, Hyderabad - 500 078

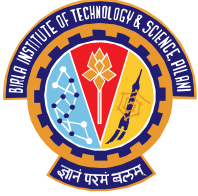
Phone: +91 40 66303758 (O) || **Email:** arnabdutta@hyderabad.bits-pilani.ac.in

Webpage: <https://www.bits-pilani.ac.in/hyderabad/arnabdutta/Profile>



Birla Institute of Technology & Science, Pilani
Hyderabad Campus, Jawahar Nagar, Kapra Mandal
Hyderabad 500078, Telangana, India

Tel: +91 40 6630 3997
Fax: +91 40 6630 3998
Web: www.hyderabad.bits-pilani.ac.in



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Format for Application

1. Name:
2. Date of Birth:
3. Gender:
4. E-mail address:
5. Mobile Number:
6. Postal Address:
7. Academic Qualifications (starting from 10th Std. Board, in chronological order)

Sl No	Examination/ Degree	Board/ University	Year	Percentage of Marks	Class/ Division	Rank

8. Professional Experience:
9. Research/Internship Experience:
10. Details about any journal/conference publications:
11. A brief statement on research motivation: Mention within ~200 words
12. Any other relevant information:

