



**Birla Institute of Technology & Science (BITS), Pilani**  
Hyderabad Campus

Dr. Satyapaul A. Singh, Assistant Professor  
Department of Chemical Engineering

02 August, 2023

**Call for a JUNIOR RESEARCH FELLOW Position**

Applications are invited from candidates for a Junior Research Fellow (JRF) position in a CSIR project (22/0864/23/EMR-II) titled “**Harnessing the Duality of Mesoporous Core-shell Materials for CO<sub>2</sub> Capture and Methanation**”, under the supervision of Dr. Satyapaul A. Singh (PI) and Prof. I. Sreedhar (Co-PI) at BITS-Pilani Hyderabad Campus. The project deals with synthesis & characterization of core-shell nanoparticles, catalytic activity studies, the reaction mechanisms investigation and life-cycle analysis. Deserving JRF may be considered for the Ph.D. program at BITS-Pilani Hyderabad campus subjected to the institute norms.

**Duration:** 3 years (36 months)

**Fellowship:** Rs. 31000 + HRA per month for first two years, Rs. 35000 + HRA per month in the third year, subjected to progress of the work and as per CSIR norms.

**Place of work:** Department of Chemical Engineering, BITS-Pilani, Hyderabad Campus

**Eligibility:**

- M.E./M.Tech or B.E./B.Tech in Chemical Engineering/Mechanical Engineering, M.Sc. Chemistry or any allied streams related to materials science.
- GATE/NET qualification.

**Age Limit:** 28 years

**Age Relaxation:** The upper age limit is relaxable up to 5 years in the case of candidates belonging to SC/ST/OBC, women and physically challenged candidates.

**How to apply:** Interested candidates can email their CVs to [satyapaul@hyderabad.bits-pilani.ac.in](mailto:satyapaul@hyderabad.bits-pilani.ac.in) by 31<sup>st</sup> August 2023. The interview dates and mode will be informed to the shortlisted applicants through e-mail.

Dr. Satyapaul A. Singh (PI)

**Website:** <https://universe.bits-pilani.ac.in/hyderabad/satyapaulsinghamarthaluri/Profile>

**Research Profile:** <https://scholar.google.co.in/citations?user=p5hXJbkAAAAJ&hl=en&oi=ao>

Prof. I. Sreedhar (Co-PI)

**Website:** <https://universe.bits-pilani.ac.in/Hyderabad/sreedhar/Profile>

**Research Profile:** <https://scholar.google.co.in/citations?user=KZwtWtUAAAAJ&hl=en>



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