



# Birla Institute of Technology and Science, Pilani

## Hyderabad Campus

### Junior Research Fellow Position

Date: 1<sup>st</sup> October 2022

Applications are invited from candidates with a strong background in thermal sciences for a Junior Research Fellow (JRF) position in a SERB-SRG (Start-up Research Grant) project titled “Development of a high-efficiency, all-weather Atmospheric Water Generator (AWG) comprising of low-temperature-swing driven desiccant coated fin-tube heat exchangers”, under the supervision of Dr. Mrinal Jagirdar (PI, BITS Pilani – Hyderabad Campus). The project will involve experimental work on a setup comprising of desiccant coated heat exchangers, owing to their superior performance as an atmospheric water generator (AWG) in terms of potable water yield per unit electrical work required.

Deserving JRF may be considered for the Ph.D. program at BITS Pilani – Hyderabad Campus, if he/she meets the institute norms.

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#### **Eligibility:**

- M.E./M.Tech (or BE/BTech with an exceptional track-record) in Mechanical Engineering or an allied stream

#### **Desired expertise/experience:**

- Hands-on experimental work
- Matlab

#### **Fellowship amount:**

- INR 31000/- per month for GATE qualified candidates.
- INR 25000/- per month for non-GATE qualified candidates.

**Duration:** 14 months

**Place of work:** BITS Pilani, Hyderabad Campus

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#### **How to apply:**

Interested candidates may fill up this google-form <https://forms.gle/cQJk5tBPNCtPHuHF9> by **30<sup>th</sup> October 2022**. Email may only be sent to [mkjagirdar@hyderabad.bits-pilani.ac.in](mailto:mkjagirdar@hyderabad.bits-pilani.ac.in) in case of a query. Please do not send applications via email.

Preliminary shortlisting will be based on CV and telephonic/audio-visual interview within a week of the last date of application. For the final interview, the candidate will be informed through e-mail.

Dr. Mrinal K. Jagirdar (Principal Investigator)

Assistant Professor

Mechanical Engineering Department,

BITS-Pilani Hyderabad Campus

Contact mail-id (PI): [mkjagirdar@hyderabad.bits-pilani.ac.in](mailto:mkjagirdar@hyderabad.bits-pilani.ac.in)

Phone: +91-40 66303760

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