BITS Pilani
Pilani | Dubai | Goa | Hyderabad | Mumbai
Research & Innovation

Research Student Position

Design and Procurement of Automated Robotic System of CE20 Engine Nozzle Closure Bonding.

***Duration* – 18 Months**

Deadline: 15th May 2025 | Joining: At the earliest

Date: 30 April, 2025

Applications are invited for a Research student position on the project, "***Design and Procurement of Automated Robotic System of CE20 Engine Nozzle Closure Bonding***" awarded by ISRO propulsion Complex, Mahendragiri. This project will be executed under the guidance of **Prof. Bijay K Rout, Department of Mechanical Engineering.**

Deserving candidates can apply with their biodata and they may also check the eligibility criteria and qualification process of the PhD program of BITS Pilani, so that students can pursue for his/her PhD during the research project duration and after it (http://www.bitsadmission.com/phmain.aspx),

Scope of work	Essential Qualification	Desirable Qualification
• Design and Development of this mobile robot manipulator for this application • Procurement of components and Assembly • Testing of the developed mobile robot.	M.E./ M.Tech / M.S. in Mechanical/ Electrical/ Electronics /Instrumentation / Manufacturing/ Production/Computer Engineering	Exposure to any of these (Design, Robotics and Mechatronics areas and hands on experience on building projects)

Fellowship: ₹31,000 per month during project duration (Likely to be increased to ₹37,000, based on approval from ISRO Team). After completion of the project the candidate will become Institute Scholar (stipend ₹37000 based on the performance and feedback of the project lead)

Duration: 18 Months for the project and PhD duration as per BITS Pilani norms (for details visit http://www.bitsadmission.com/phmain.aspx)

Place of work: BITS Pilani, Pilani Campus, Rajasthan -333031

Application process: Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using this form

- Please provide details in the Google form link: https://forms.gle/DpAfVywNvgdgau888
- Deadline: **15th May, 2025**

Preliminary shortlisting will be based on a resume 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 for the interview. No TA/DA will be provided in case of a personal interview. For more details, please contact:

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