



# Birla Institute of Technology & Science, Pilani

## Hyderabad Campus

Sandip Deshmukh, Ph.D

Associate Professor, Mechanical Engineering

Date: 2<sup>nd</sup> July, 2020

### CALL FOR JUNIOR RESEARCH FELLOWS IN A DRDO FUNDED PROJECT

Applications are invited from suitable candidates for a Junior Research Fellow (JRF) positions to work on the Project "**Machine Vision based Adaptive Quality Assurance System for Aerospace Vehicle Assembly Unit**" funded by the Armaments Research Board (ARMREB), DRDO under the supervision of Prof. Sandip Deshmukh, Associate Professor, Department of Mechanical Engineering, BITS-Pilani, Hyderabad campus. This project is about investigating computer vision-based techniques to recognize, quantify and measure components of a section of an Aerospace vehicle assembly. Also, to come up with an optimized solution for the assembly line quality assurance for the Aerospace vehicles.

**Duration of the project:** 3 years

**Project position:** Junior Research Fellow; Number: 2

**Fellowship amount:** (Rs. 31,000 + HRA 24%) per month

**Eligibility requirements:** ME/M.Tech in either **Computer Science or Electrical and Electronics or Mechanical Engineering** with valid GATE score. The candidates who are about to graduate by July 2020 are also eligible.

**Desired Experience:** Prior exposure/experience in **CAD Modelling, Image Processing, and Good Coding Skills** are desirable.

**Upper Age limit:** 30 years

**Application Procedure:** Interested eligible candidates are advised to apply to the Principal Investigator, Prof. Sandip Deshmukh via email to [ssd@hyderabad.bits-pilani.ac.in](mailto:ssd@hyderabad.bits-pilani.ac.in) before **5pm, 27<sup>th</sup> July 2020** with a CV giving detailed information about the educational qualifications, research experience and published or communicated research papers (if any), photograph and scanned copies of documents including-support of date of birth, educational qualifications (BE/B.Tech, ME/M.Tech), experience certificates from prior employment or project work (if any). Please note that only qualified and suitable candidates will be notified for Interview via email. Interview would be through **Google Meet**.

Selected candidates may be permitted to register for Ph.D program of BITS, Pilani, subject to the fulfilment of the requirements.

**Best Wishes,**  
**Prof. Sandip Deshmukh**



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