



# Birla Institute of Technology & Science, Pilani

## Hyderabad Campus

Sandip Deshmukh, Ph.D

Associate Professor, Mechanical Engineering

Date: 24<sup>th</sup> October, 2020

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

Applications are invited from suitable candidates for a Junior Research Fellow (JRF) position 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: 1

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

**Eligibility requirements:** ME/M.Tech in either **Electrical and Electronics or Computer Science** with valid GATE score.

**Desired Experience:** Prior exposure/experience in **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, 20<sup>th</sup> November 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



Birla Institute of Technology & Science, Pilani  
Hyderabad Campus, Jawahar Nagar, Shameerpet Mandal  
Hyderabad 500078, Telengana, India

Tel: +91 40 6630 3620  
Fax: +91 40 6630 3998  
Web: [www.hyderabad.bits-pilani.ac.in](http://www.hyderabad.bits-pilani.ac.in)