



**Birla Institute of Technology & Science, Pilani**  
**Pilani Campus**  
Grants Consultancy and Industrial Research (GCIR)

**CALL FOR JRF / SRF (under IMPACT program: BITS Pilani-Wipro Infrastructure Engg.)**

**Application Deadline: 30<sup>th</sup> October, 2024**

**Date: 25<sup>th</sup> October 2024**

<b>About:</b> Department of Mechanical Engineering, BITS Pilani, in collaboration with Wipro Infrastructure Engineering under the IMPACT program invites 1 position for JRF/SRF with attractive emoluments and grants			
<b>Position:</b>	JRF / SRF	<b>Number of Vacancy:</b>	<b>01</b>
<b>Project Title:</b>	Smart Hydraulic Cylinder	<b>Project Tenure:</b>	04 Year
<b>Funding Agency:</b>	Wipro	<b>Upper Age Limit</b>	30 years as on 30 <sup>th</sup> October 2024
<b>Fellowship:</b>	37000 + 27% HRA per month (fellowship can be enhanced to 42000/- per month after two years with satisfactory progress review) + Contingency: 20000/- per year + Travel support: 20000/- per year		
<b>Principal Investigator:</b>	PI: Prof. Venkatesh KP Rao, Co-PI: Prof. Sujan Yenugantti		
<b>Project Overview</b>	Smart Hydraulic Cylinders are advanced actuators equipped with integrated sensors and electronics to provide real-time monitoring and precise control of their operation. Unlike traditional hydraulic cylinders, these offer feedback on parameters such as position, velocity, force, and pressure, enhancing performance and reliability in various industries.		
<b>Qualification:</b>	First class in Master's Degree with specialization in Mechanical Engineering/ Nanoscience and Nanotechnology/ Aerospace Engineering/ Electrical and Electronics Engineering from a recognized University with good knowledge of MEMS, NEMS, IOT and Microfabrication will be desired.		

**How to Apply:**



Applicants can fill the form the [link](#) or scan the QR code for the same is provided here ensure to provide all the details in the form. Shortlisted candidates will be informed for the interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project. No TA/DA will be paid for attending the interview.

**Application Deadline: 10<sup>th</sup> November 2024**

**Contact Details:** Dr. Venkatesh KP Rao, Department of Mechanical Engineering, [venkateshkp.rao@pilani.bits-pilani.ac.in](mailto:venkateshkp.rao@pilani.bits-pilani.ac.in)

**Please note that only qualified and suitable candidates will receive call for online interview.**

