



Ph.D. position under BITS-CDRF (Cross-Disciplinary Research) funded Project

Applications are invited for ONE position of Research Fellow for the following project.



Deadline: 15.12.23



Duration: 3-4 years

Fellowship: AED 2500
per month

BITS Pilani, Dubai Campus, Dubai, U.A.E. Additional Benefit: Concession in hostel fees

Title: Virtual Reality-Assisted Mobile Manipulators for Industrial Applications

Supervisors: Prof. V. Kalaichelvi (EEE)

Co-Supervisors: Prof. Sujala D Shetty (CS) and Prof. R.Karthikeyan (Mechanical)

This position is applicable only to those who aspire to do Ph.D. full time. The candidates can obtain the eligibility criteria from: <https://www.bits-dubai.ac.ae/admissions/phd/>

Scope of work

- Creating digital twin of the mobile manipulator and updating the environment using sensor information
- Computer vision and Artificial Intelligence based control of mobile manipulator.
- Use of virtual reality for human machine collaboration and mobile manipulator calibration
- Implementing the framework in prototype environment for industrial applications

Essential Qualification

Master's Degree in Engineering [CS/ Electrical branches/ Mechanical] OR Bachelor's Degree with research experience

Desirable Qualification / Skills

Knowledge in Artificial Intelligence, Robotics, Virtual Reality

Application Process

Please apply with CV and Cover letter (showing alignment and justification with the roles/responsibilities/requirements).

Contact Email:

kalaichelvi@dubai.bits-pilani.ac.in

Preliminary shortlisting will be based on resume and telephonic/audio-visual interview within a week of last date of application. For final interview, the candidate will be informed through e-mail for interview. The shortlisted candidates may have to join the institute in January, 2024.



Dr.V.Kalaichelvi



Dr.Sujala D Shetty



Dr.R.Karthikeyan

Know more:

