

Walk-in Interview for the position of senior level research staff (till 31 October 2018)

Applications are invited for the post of senior level research staff under the Newton-Bhabha Project (HEPI/1516/10) funded by Royal Academy of Engineering, London, for following project.

Project Title and Tasks:

Distributed approach for integrated maintenance optimisation and production decision-making of parallel assets

Research tasks:

- Develop a Load-dependent machine behaviour model;
- Develop a production and maintenance optimisation model for individual assets to come up with sub-solutions which will be directed for the central coordinator. One essential element of this model is the definition of an appropriate objective function;
- Improve on the current central coordinator objective function to incorporate new features;
- So far the previous two tasks have been focused on single-component systems, and an extension can be made into multi-component scenarios;

Essential Qualification: Ph.D. (Completed/Thesis submitted/Advance stage of submission) in Mechanical Engineering/Computer Science Engineering

Desirable qualifications: Proficiency in manufacturing simulation platform, agent-based modelling, distributed decision-support system, integrated operations planning, expertise in smart manufacturing, knowledge of statistics, probability, simulation, optimization, industrial engineering Concepts.

Duration: Till 31 October, 2018

Expected Joining: Immediate

Stipend: Consolidated Rs. 50,000 per month

How to apply: Applicants can directly come with their Curriculum Vitae (CV) for the interview.

Walk-in Interview Date: July 23, 2018 (Reporting time 02 pm)

Venue: POD-1B, 304, Industrial and Systems Engineering
IIT Indore, Khandwa Road, Simrol, Opposite Simrol Police Station, Simrol, Indore Pin: 453552

Interested candidates are required to appear for the walk-in interview. The candidates should bring a detailed CV along with valid photographic identity card, original of all the relevant documents. Incomplete applications will be rejected. No TA/DA will be paid to appear for the interview. Candidates should make their own arrangements for stay.