

No: Advt/ IITT/CSRC/2022-23/01

Date: 07 April 22

Project Ref. No. MEE2122005DSIRVENK

Applications are invited from eligible Indian nationals for the post of **Project Assistant** in a time-bound Department of Scientific and Industrial Research, sponsored project undertaken in the Department of Mechanical Engineering.

Temporary Position	Project Assistant
Essential Qualification	B.Tech in Mechanical Engineering (or equivalent degree) with 70% marks and a valid GATE score.
Project Title	Machine learning in mechanics: current status and future prospects
Sponsoring Agency	Department of Scientific and Industrial Research
Consolidated Salary	Rs. 13,750 per month
Principal Investigators	Dr. P.Venkataraman
Department/Centre	Mechanical Engineering
Tenure of Assignment	Until Mar 2023
Essential skills/ knowledge	Strength of materials/solid mechanics, numerical methods, basics of Matlab and/or Python, basic programming/coding skills. Some exposure to machine learning will be an added advantage.
Desired Experience	A candidate who is willing to register for MS program this year (22-23) will be preferred but is not compulsory. Must have good oral and written communication skills. Must demonstrate highest work ethics.
Nature of the Work	The project mainly involves the development of machine learning framework for various problems in mechanics, comparison of different algorithm and consolidating the results.
Age Limit	24 years (Relaxed for exceptional candidates)
Last date of Application	19 April 2022

Eligible candidates must send a **ONE page CV and a statement of purpose as a single PDF on or before 19 April** to Dr. P. Venkataraman, Asst. Professor, Dept. of Mechanical Engineering, IIT Tirupati at raman@iittp.ac.in. with the subject line “application for the post of project officer”

The statement of purpose must include responses to the following questions: What motivates you towards pursuing the research position? (max. 200 words). Why do you think you are fit for the role (max. 150 words)?

Shortlisted candidates will be informed by Email only. Selection will be based on the qualification, experience and interview. The interview and other logistics will be conducted via online mode only. The interview date will be notified to the shortlisted candidates by Email. Candidates may appear in the interview through video conferencing. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.