Delhi Technological University

(Formerly Delhi College of Engineering)
(Established under Delhi Act 6 of 2009, Govt. of NCT of Delhi)
Shahbad, Daulatpur, Bawana Road-Delhi-110042, India.

JOB DESCRIPTION

Applications are invited for two posts of **Project Associate-1(PA-1)** for highly motivated and eligible candidates for **DST funded sponsored research cum demonstration project** entitled "**Design and Demonstration of Off-Grid Self Healing & Sustainable DC Community Energy Solutions"** under Mission Innovation scheme:
Duration of the project: Upto March 2020

- **Essential Qualification for Project Associate-1 (PA-1)(Electrical Engineering)**

  - M. Tech. or M.E. degree or higher in Electrical Engineering / Electrical and Electronics Engineering with specialization in Power Electronics Applications with minimum **60% marks/equivalent CGPA**.

    OR

  - B. Tech. or B.E. degree in Electrical Engineering / Electrical and Electronics Engineering with minimum **75% marks/ equivalent CGPA,** and having major project in the area of Power Electronics and applications.

- **Essential Qualification for Project Associate-1 (PA-1)(Electonics and Communication Engineering)**

  - M. Tech. or M.E. degree or higher in Electronics and Communication Engineering with specialization in Communication, Embedded Systems and/or IOT Applications with minimum **60% marks/equivalent CGPA**.

    OR

  - B. Tech. or B.E. degree in Electronics and Communication Engineering with minimum **75% marks/equivalent CGPA**, and having major project in the area of Embedded Systems/Communication systems.

Highly desirable for the candidates applying for PA-1 (Electrical Engineering): Person should have knowledge and/or hands on experience on power electronics for renewable energy sources, and/or hands on experience in developing and working on hardware / laboratory prototype of the converters, PCB design software besides knowledge of microcontroller/DSP programming would be preferable.

Highly desirable for the candidates applying for PA-1 (Electronics and Communication Engineering): Person should have knowledge and/or hands on experience on embedded programming on DSP microcontrollers, programming for communication used for IoT applications, and/or experience in architecture, design, operation and control of communication system, networking and network management systems.

Job Profile: The candidates will have to develop and work on hardware/laboratory prototype of the converters/communication interface/ network management systems and testing at the field location.

Applicants should submit their CV's along with the copies of their Marksheets showing their educational qualification (from Xth Class onwards), Mobile Number and Skype id (Mandatory so as to conduct online interview) at **dtu.simlab@gmail.com** latest by **17th September, 2019 (Tuesday).**
Date of Interview: 18th September, 2019 (Wednesday).