



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

Bawana Road, Delhi-110042

ADVERTISEMENT NO: 01

DATED: 24.08.2021

Advertisement for the Technical Staff Positions in Centre of Excellence for Electric Vehicles and Related Technologies (CoE for EVRT)

Applications are invited on purely contract basis for technical staff positions from highly motivated and eligible candidates in Centre of Excellence for Electric Vehicle and Related Technologies (CoE for EVRT), funded jointly by Delhi Knowledge Development Foundation (DKDF) and Delhi Technological University, Delhi. The technical staff shall assist the core committee of the Centre.

Name of Position: Junior Technical Assistant (JTA)

No. of position: 01

Duration: Initially for a period of 6 months, which may be extended upto completion of the project (2 years), based on the performance and requirements.

Emoluments: INR 30000/- consolidated.

Essential and other qualification required for Junior Technical Assistant (JTA):

ITI certificate in the trades of electrician/electronic mechanic/information & communication technology system maintenance/Instrument mechanic/mechanic auto electrical & electronics/ mechanic auto body repair/mechanic two and three-wheeler/mechanic (motor vehicle), technician power electronic systems/welder and wireman with 3 year industrial/laboratory experience in the relevant field (s).

OR

Three-year state board diploma or equivalent in Electrical Engineering/Control and Instrumentation/Electronics and Communication Engineering/Automobile Engineering/Mechanical Engineering discipline with 1 year industrial/laboratory experience in the relevant field (s).

Relevant/Desirable Experiences:

It is highly desirable that the candidates for JTA positions must have the experience in the following areas such as: modelling and simulation of EV related technologies, idea of BLDC drives, battery management systems, EV charging station infrastructure, EV retrofitting etc. In addition, the candidate must have the exposure of DSO, PQ analyser, electronic loads etc.

Job Profile:

The responsibility of the JTA will be to assist the faculty members in the development of laboratory setup related to EV based charging infrastructure, power electronics interface, BLDC drives, battery health monitoring system, PCB layouts, EV retrofitting etc.

Name of Position: Technical Assistant (TA)

No. of position: 01

Duration: Initially for a period of 6 months, which may be extended upto completion of the project (2 years), based on the performance and requirements.

Emoluments: INR 35000/- consolidated.

Essential and other qualification required for Technical Assistant (TA):

ITI certificate in the trades of electrician/electronic mechanic/information & communication technology system maintenance/Instrument mechanic/mechanic auto electrical & electronics/ mechanic auto body repair/mechanic two and three-wheeler/mechanic (motor vehicle), technician power electronic systems/welder and wireman with 5 year industrial/laboratory experience in the relevant field (s).

OR

Three-year state board diploma or equivalent in Electrical Engineering/Control and Instrumentation/Electronics and Communication Engineering/Automobile Engineering/Mechanical Engineering discipline with 3 year industrial/laboratory experience in the relevant field (s).

OR

B.Tech/BE in Electrical Engineering/Electrical and Electronics Engineering/Electronics and Instrumentation Engineering/Control and Instrumentation/Electronics and Communication Engineering/Automobile Engineering/Mechanical Engineering /Mechatronics discipline (s).

Relevant/Desirable Experiences:

It is highly desirable that the candidates for TA positions must have the experience in the following areas such as modelling and simulation of EV related technologies, idea of BLDC drives, battery management systems, EV charging station infrastructure, EV retrofitting etc. In addition, the candidate must have the exposure of DSO, PQ analyser, electronic loads etc.

Job Profile:

The responsibility of the TA will be to assist the faculty members in the development of laboratory setup related to EV based charging infrastructure, power electronics interface, BLDC drives, battery health monitoring system, PCB layouts, EV retrofitting etc.

Name of Position: Senior Technical Assistant (STA)

No. of position: 01

Duration: Initially for a period of 6 months, which may be extended upto completion of the project (2 years) based on the performance and requirements.

Emoluments: INR 50000/- consolidated.

Essential and other qualification required for Senior Technical Assistant (STA):

Three-year state board diploma or equivalent in Electrical Engineering/Control and Instrumentation/Electronics and Communication Engineering/Automobile Engineering/Mechanical Engineering discipline with 5 year industrial/laboratory experience in the relevant field (s).

OR

B.Tech/BE in Electrical Engineering/Electrical and Electronics Engineering/Electronics and Instrumentation Engineering/Control and Instrumentation/Electronics and Communication Engineering/Automobile Engineering/Mechanical Engineering /Mechatronics discipline with 1 year industrial/laboratory experience in the relevant field (s).

Relevant/Desirable Experiences:

It is highly desirable that the candidates for STA positions must have the experience in the following areas such as modelling and simulation of EV related technologies, idea of BLDC drives, battery management systems, EV charging station infrastructure, EV retrofitting etc. In addition, the candidate must have the exposure of DSO, PQ analyser, electronic loads etc.

Job Profile:

The responsibility of the STA will be to assist the faculty members in the development of laboratory setup related to EV based charging infrastructure, power electronics interface, BLDC drives, battery health monitoring system, PCB layouts, EV retrofitting etc.

Name of Position: Design Engineer (DE)

No. of position: 01

Duration: Initially for a period of 6 months, which may be extended upto completion of the project (2 years) based on the performance and requirements.

Emoluments: INR 100000/- consolidated.

Essential and other qualification required for Senior Technical Assistant (STA):

- B.Tech/BE in Electrical Engineering/Electrical and Electronics Engineering/Electronics and Instrumentation Engineering/Control and Instrumentation/Electronics and Communication Engineering/Automobile Engineering/Mechanical Engineering/Mechatronics discipline with 5 year industrial/laboratory experience in the relevant field (s).
- M. Tech. in relevant branch of engineering along with B. Tech. in any of the aforesaid discipline with 5 year industrial/laboratory experience in the relevant field (s).

Relevant/Desirable Experiences:

It is highly desirable that the candidates for design engineer positions must have the industrial experience in the following areas such as modelling and simulation of EV related technologies, BLDC drives, battery management systems and related simulator/software platform (s), EV charging station infrastructure, EV retrofitting etc. In addition, the candidate must have the exposure of DSO, PQ analyser, electronic loads, PCB design, power electronics and electronics hardware design etc.

Job Profile:

The responsibility of the design engineer is to conduct the modelling and simulation and development of hardware related to EV charging infrastructure, power electronics interface, BLDC drives, battery health monitoring system, PCB layouts, EV retrofitting etc.

Application Procedure: The application containing cover letter, detailed CV with recent photograph and name of two referees in a single pdf file should reach on and before 10th September 2021 by e-mail only at **coeevrt@gmail.com**. Only the shortlisted candidates will be intimated for the interview in due course of time through e-mails only.

Terms and Conditions:

1. The project duration is tentatively 2 years which may be extended after the approval from the Govt. of NCT of Delhi.
2. The selected candidate will not be entitled to any other allowances like TA, DA, medical benefits or any others benefits.
3. Annual satisfactory assessment is mandatory during the period of project.
4. The contract will be initially for 6 months which may be extended, based on satisfactory performance.
5. The selected candidate shall be governed by the disciplinary regulations of the DTU.
6. The candidates called for interview will not be paid any TA/DA.

7. This temporary appointment will be for a specific period and their services will automatically stand terminated, either with the termination of the project/scheme or even earlier, without giving any notice, by the competent authority.
8. This contractual appointment will not bestow upon them, any claim for regular employment in DTU/DKDF.
9. Application should be made on plain paper giving name, address, parent's name, telephone no., E mail address, date of birth, a recent photograph, details of academic qualification (from class 10th onward, with copies of all mark sheets/ certificate, etc.) and a brief a write up on previous research experience, if any.
10. Candidates should also bring no objection certificate from the Employer, in case he/she is employed somewhere.
11. The competent authority reserves the right to fill up or not to fill the vacancies notified in this advertisement.