INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR – 721 302, INDIA
Sponsored Research and Industrial Consultancy

Mr. Rajarshi Banerjee
Administrative Officer (Projects)

ADVERTISEMENT NO. : IIT/SRIC/R/PSV/2026/140, DATED September 24,2026

Applications are invited on plain paper for the following assignment in a purely time bound research project undertaken in the Department of Electrical Engineering of this institute for a period of one year from the date of joining with a provision of extension for a maximum period up to four years or termination of the project, whichever is earlier, based on performance.

1. Name of the temporary assignment	:	1) Project Associate-II 1 post/s
2. Name of the temporary research project	:	Development of high-power Grid-friendly Conductive and Static Wireless Chargers for Electric Vehicles (Project Code – R/PSV)
3. Name of the Sponsoring Agency	:	Anusandhan National Research Foundation (ANRF)
4. Consolidated Compensation (per month)	:	1) Rs. 42000 /- (depending on qualification and experience)

5. Qualifications & Experience :

1) Rs. Four years Bachelors
Degree in Natural or Agricultural Sciences / Masters Degree in Natural or Agricultural Sciences / BVSc/BPharm or Bachelors degree in Engineering or Technology or Medicine or from a recognized University or equivalent and
Two years experience in R&D in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.
Max. Age ? 40
**i)42,000/- + HRA to
Scholars who are selected through
(a) CSIR-UGC NET
or GATE or
(b)A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions

ii) 33,000/- + HRA for others who do not fall under above
1. All through 1st class with marks higher than 60 percent, starting from class-X to the last degree received.
2. B.E. / B.Tech. in Electrical Engineering (EE) or Electrical and Electronics Engineering (EEE) with two years experience in R&D in Industrial or academic institutions or Science and Technology Organizations
OR
M.E. / M.Tech./MS in Power Electronics/Machine Drives or Energy Science or any other relevant specializations.
3. GATE score is mandatory
Experience:
Candidates with experience in the following areas may get preference.
1. Design and simulation of Power Electronic circuits
2. PCB design and microcontroller programming

Any other information:
The work is related to the development of power electronic converters for fast EV chagrining station. Design, simulation, hardware verification are the various activities for this assignment. Opportunity exists to pursue higher studies e.g. MS/PhD through this project. /-

The qualifications and experience prescribed are the minimum and mere possession of the same does not entitle a candidate to be called for the interview.

(Rajarshi Banerjee)