

Office of the Dean of Research and Development
Indian Institute of Engineering Science and Technology (IIST) Shibpur
P.O. Botanic Garden, Howrah – 711 103, West Bengal, India

**WALK IN INTERVIEW FOR RECRUITMENT OF SENIOR RESEARCH FELLOW AND
JUNIOR RESEARCH FELLOW FOR FUNDED JAPAN BASE COMPANY ON
TEMPORARY BASIS.**

Department of Electrical Engineering
Indian Institute of Engineering Science and Technology, Shibpur
P.O. – B. Garden, Howrah, West Bengal, Pin -711103

University Project Code: DRC/MURATA/EE/MS/024/17-18

Ref.: Advt. No. EE 1324, published in the "Statesman (All Edition)" and "Dainik Statesman", dated 16.01.2018

Applications are invited, on plain paper with complete bio-data (including Candidate's Name, Father's Name, Date of Birth, Postal Address, E-mail, Contact Telephone No., Mobile Ph. No., Academic Qualification, Work Experience etc.), for **purely temporary posts** of (i) one (1) Senior Research Fellow and (ii) one (1) Junior Research Fellow in Japan Based Company sponsored project entitled "**Design, Analysis and Fabrication of 0.25 hp Double Sided Axial Flux Switched Reluctance Motor (DSAF SRM) Drives for semi-electric/manual assist bicycle**" in the Advanced Power Electronics(APE) Laboratory, Department of Electrical Engineering, Indian Institute of Engineering Science and Technology, Shibpur Howrah-711 103

Senior Research Fellow:

Essential Qualifications:-

1. M.E. / M. Tech in Electrical Engineering from premier institute with Power Electronics and Drives related ME Project & thesis.
2. GATE Qualification with good percentile.
3. Age less than 32 years on the date of interview (relaxed 5 years for SC/ST/OBC).

Desirable Qualifications:-

1. Hands on experience in Machine design (SRM), Power Electronic Converters and their control.
2. 2 year or more experience in R&D on Machine Drives and Power Electronics.
3. Knowledge of use of SEQUEL Simulation and Digital Controller.
4. Hands on experience on FEM Simulation (Electro Magnetics/Thermal/Flow/Structure).
5. Details concept of Gate drive design.
6. At least 75% marks in M.E / M. Tech.

Remuneration: Rs. 28,000 /- p.m. plus HRA (30%) as per rules.

Tenure: For a maximum period of 30 months (Renewable every 12 months as per Institute rules) or till the end of project which ever is earlier.

Junior Research Fellow:

Essential Qualifications:-

1. B.E. / B. Tech in Electrical Engineering.
2. GATE Qualification with good percentile.
3. Age less than 28 years on the date of interview (relaxed 5 years for SC/ST/OBC).

Desirable Qualifications:-

4. Hands on experience in Power Electronic Converter design and fabrication.
5. Knowledge of use of SEQUEL Simulation
6. Hands on experience on Micro Controller based Controll.
7. At least 60% marks in B.E / B. Tech.

Remuneration: Rs. 25,000 /- p.m. plus HRA (30%) as per rules.

Tenure: For a maximum period of 30 months (Renewable every 12 months as per Institute rules) or till the end of project whichever is earlier.

Date and venue of Interview: 23th January 2018 (Tuesday) at 10:30 AM in the office of the Advanced Power Electronics (APE) Laboratory, Department of Electrical Engineering, IEST, Shibpur.

Signed softcopy (scanned) of the application may be submitted before-hand to the following email address : **nampet.besu@gmail.com**. The hard copy of the same should be submitted at the time of interview to **the selection committee**, at the APE Laboratory, Department of Electrical Engineering , Indian Institute of Engineering Science & Technology, Shibpur, Howrah, West Bengal, Pin -711103. Applicants are requested to bring attested xerox copies as well as all the original certificates and testimonials at the time of interview for perusal and verification.

No TA/DA expenses shall be provided for.

Dean (R & D)

(W. Code DRC-043/17-18)