

बसु बिज्ञान मन्दिर  
**BOSE INSTITUTE**  
(भारत सरकार के विज्ञान और प्रौद्योगिकी  
मंत्रालय द्वारा वित्तपोषित सोसाइटी)  
(A Society for Scientific Research financed by  
the Ministry of Science & Technology, Govt. of India)

**ADVT. NO. : S/CAPSS/04/2019-20**

A Walk-in-Interview will be held on **May 20, 2019 at 11 AM.** in the Salt Lake Campus of Bose Institute, Block – EN : 80, Sector - V, Salt Lake, Kolkata – 700 091 for two position of **Technical Assistant** and one position of **Field Assistant** in the **DST** sponsored project entitled, “Development of a cost effective and portable electro-optical system for effective investigation of residual ambient gases using spark emission spectrometry towards the estimation of atmospheric gases composition w. r. t. height using high flying drones” under Prof. Sanjay K. Ghosh, Principal Investigator, Department of Physics (CAPSS). **The project is tenable up to 27.03.2021.** The project will be executed at Shyamnagar campus of Bose Institute. Candidates may also have to travel to other Institutes as and when required.

**Details of qualification, pay, age etc. are as follows:**

**A. Technical Assistant (Two positions)**

**Essential Qualification** : Candidates must have BE/B.Tech degree in Electrical / Electronics and Instrumentation / Electrical and Electronics Engineering/Computer Science.

OR

Candidates must have M.Sc. degree in Physics / Electronics/Instrumentation /Computer Science

**Desirable Experience** :

- Candidates should have experience in computer programming.
- Candidates must have good knowledge in digital and analog electronics.
- Candidates should have knowledge of PCB design.
- Working experience with microcontroller and Arduino/Raspberry Pi

**Job Profile** : Selected candidate will have to work on development and fabrication of electronics of various instruments. He/She will be required to work on the development of payload for drones to be used in environmental applications.

**Pay** : Rs. 22,000/- (consolidated).

**Age Limit** : Below 30 years (relaxable in case of SC/ST/OBC/WOMEN candidates only as per rule).

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**B. Field Assistant (One positions)**

**Essential Qualification** : Candidates must have Diploma degree in Electrical / Electronics and Instrumentation / Electrical and Electronics Engineering/Computer Science.

OR

Candidates must have B.Sc. degree in Physics / Electronics/Instrumentation /Computer Science

**Desirable Experience** :

- (e) Candidates should have experience in computer programming.
- (f) Candidates must have understanding of digital and analog electronics.
- (g) Candidates should have knowledge of PCB design.
- (h) Familiarity with the architecture of microcontroller and Arduino/Raspberry Pi

**Job Profile** : Selected candidate will have two fold responsibilities: (a) He/She will have to help the technical persons/scientist during the developmental work as and when required. (b) He/She will also help the scientists to make arrangements for the experiment in the field.

**Pay** : Rs. 15,000/- (consolidated).

**Age Limit** : Below 30 years (relaxable in case of SC/ST/OBC/WOMEN candidates only as per rule).

Interested and eligible candidates are requested to appear before the Selection Committee with typed application addressed to the **Acting Registrar, Bose Institute, Block – EN : 80, Sector - V, Salt Lake, Kolkata – 700 091** along with Bio-data giving details of qualifications with attested copies of mark-sheets, certificates from Secondary onwards and other testimonials etc.. The candidates should also bring the originals of the same at the time of Interview. No TA/DA is admissible for appearing at the interview.

**ACTING REGISTRAR**