

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/36/2017-18**

Bose Institute, Kolkata, invites application from the Indian Citizens for the following positions in the DST sponsored project entitled, "CBM MUCH" at FAIR under Prof. Sanjay K. Ghosh, Principal Investigator and Dr. Supriya Das, Co-Investigator, Department of Physics (CAPSS). The project is tenable upto 31.07.2022. Details of qualification, associateship / pay, age etc. are as follows:

**1. One position of Research Associate OR Senior Research Fellow (Extended)**

**Essential Qualification** : Ph.D. degree in Experimental Nuclear / Experimental High Energy Physics from a recognized university for RA position and candidates those who have submitted their Ph.D. thesis are eligible for SRF(Extended) position.

**Desirable Experience** : Candidates should have experience in any one or more of the following area :-

- Understanding of Physics of Quark-Gluon plasma at high baryon density.
- Simulation (GEANT, Garfield etc.) on detectors for High Energy Physics or Nuclear Physics Experiments.
- Data analysis for High Energy Physics or Nuclear Physics Experiments.

**Job Profile** : Successful candidate will be required to take leading role in the study of CBM physics along with several research scholars working in the High Energy Physics group.

**Associateship / Fellowship** : Rs 36,000/- p.m. for RA / Rs. 28,000/- p.m. for SRF(Extended), plus admissible H.R.A.

**Age** : Below 35 years for RA / Below 33 years for SRF(Extended)  
(relaxable in case of SC/ST/OBC/Women candidates as per rules).

**Tenure** : Initially one year, extendable to a maximum of two years based on performance.

**2. One position of Technical Assistant (Electronics)**

**Essential Qualification** : Candidates must have diploma in Electrical / Electronics / Electronics and Telecommunication.

**Desirable Experience** :

- Candidates should have experience in computer programming.
- Candidates must have good knowledge in digital electronics.
- Candidates should have knowledge of PCB design.
- Working experience with microcontroller

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**Job Profile** : Selected candidate will work on development and fabrication of electronics for detectors. He/She will be required to work on the development of the high-energy physics laboratory, procurement of materials etc.

**Pay** : Rs. 12,500/- (consolidated).

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

Interested and eligible candidates may apply on plain paper quoting advertisement No. and position on the envelop as well as application with complete Bio-data giving e-mail ID / Phone No. and details of qualification i.e. examination passed, year, division, percentage of marks from Secondary onwards with attested copies of testimonials and {reprints of publications and one page summary of thesis for RA or SRF(Extended) position} addressed to the **Sr. Prof. & In-Charge, Registrar's Office, Bose Institute, P-1/12, C.I.T. Scheme VII-M, Kankurgachi, Kolkata – 700 054** on or before December 11, 2017.

**Sr. Prof. & In-Charge.**  
**Registrar's Office**