



Manas Maity

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CMS Collaboration, CERN, CH-1211 Geneva 23, Switzerland*

Details to be given in Visva-Bharati website

The Department of Physics, Visva-Bharati is participating in the CMS experiment at the Large Hadron Collider (LHC), CERN, Geneva with funding from the Department of Science & Technology, Government of India. More than 3000 scientists and PhD students from leading institutes of the world are participating it. We contribute to the following areas – analysis of the large volume of data collected by CMS; operation & maintenance of the detector; R&D for the upgrade of the detector.

Applications are invited for the following positions:

1. Junior Research Fellow (1) -

The candidate will take part in development of DC Power Supply for a large distribution network, related monitoring and control systems.

Essential Qualifications:

- i) M. Sc. in Physics with at least 60% marks or equivalent grade;
- ii) CSIR-UGC NET / GATE / JEST qualified;
- iii) Knowledge of electronics, devices, programming in micro-processor/ micro-controller
- iv) Knowledge of programming in C/C++.

Desirable Qualifications:

- i) Knowledge of DC power supply – design, DC-DC conversion;
- ii) PCB designing.
- iii) Having done a project in electronics.

2. Research Assistant (1) -

The candidate will be responsible for development of control software, interfacing with devices, etc.

Essential Qualifications: i) M. Sc./ B. Tech. / B.E. (Computer Science/Electronics), M. Sc. (Physics) with at least 60% marks or equivalent grade

- ii) Good knowledge of electronics, devices.
- iii) Good knowledge of programming in microprocessor/micro-controller, and C/C++.

Pay – As per DST rules for JRF; Rs. 15,000 (consolidated) for Research Assistant

Duration: Till 31st March, 2019(likely to be extended)

Candidates are requested to appear in an walk-in interview on **07 August, 2017** at **11-00** hours at **Siksha-Bhavana, Visva-Bharati, Santiniketan** and bring relevant documents and self-attest copies of mark-sheets, certificates, proof of age, etc. Second class railway fare by the shortest route or equivalent will be paid.

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