# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

## Research and Development (R&D)

Administrative Building, IIT Bhubaneswar

Argul- 752050, Khordha, Odisha

Tel: +91-0674-713-4832, E-mail: office.rd@iitbbs.ac.in

**<u>Advt. No. : IITBBS/R&D/RP273/Rect/30/2021-22  Date: 21.09.2021</u>**

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the School of Electrical Sciences of this Institute.

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| 1. | Name of the Temporary Assignment | : | **Junior Research Fellow (JRF) – 1 Post** |
| 2. | Name of the temporary research Project | : | "Designing of computer vision guided intelligent traffic systems for smart cities". |
| 3. | Name of the Sponsoring Agency | : | Science & Engineering Research Board (SERB), Department of Science and Technology (DST) |
| 4. | Consolidated Emolument | : | **Rs. 31,000/- + HRA @16% per month** |
| 5. | Qualification & Experience | : | Annexure - I |
| 6. | Period of Engagement | : | Initially for 1 year with possible extension depending on performance |
| 7. | Duration of the project | : | 3 years |

Interested eligible persons may apply through online application system on or before **11<sup>th</sup> October 2021**. Web link http://webapps.iitbbs.ac.in/sric-application/

If u want to complete the registration process, please go through our IITBBS website. After entering the website, go to the 'jobs' tab at the top  then select  the option 'recruitment for research project work'  and fulfil requirements.

Sd/-

**Asst. Registrar (R&D)**

## Annexure – I

**Qualification and Experience:** Bachelor's degree in relevant Science and Engineering disciplines AND/OR Master's degree in relevant Science and Engineering discipline AND/OR Doctoral degree in relevant Science and Engineering disciplines. Candidates must have strong knowledge in C/C++/Python Programming and data structures. Further, exposure to computer vision/ intelligent transportation systems will be given preference.

**Desirable Experience:** Knowledge of some of the deep learning framework (e.g VGG16, RenNET50, SVDNet, Tensor Flow and GAN) for feature extraction is desirable. More about the project details can be found in https://sites.google.com/iitbbs.ac.in/hmsrg.


Sd/-
**Asst. Registrar (R&D)**