INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Research and Development (R&D)

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Advt. No. : IITBBS/R&D/RP273/Rect/20/2021-22 Date: 09.08.2021

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.

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	:	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 **27th August 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: BE/BTech (CSE/IT) with a minimum of 6.5 CGPA or 60% marks or ME/MTech (CSE/IT) with a minimum of 6.5 CGPA or 60% marks.

Desirable Skillsets/Experiences: Knowledge on deep learning frameworks such as VGG16, ResNet50, SVDNet, Encoder/Decoder Architecture, AutoEncoders, Variable AutoEncoders, GAN, and Transformer architecture for feature extraction is desirable. Candidate should be well conversant with Tensor Flow, Keras and Python for computer vision. The candidate should be well conversant with the open source software development frameworks with an intent of high quality research publications in reputed international journals and conferences in the domain of intelligent transportation systems and visual surveillance.

22/6/21

(D. P. Dogra)