



अप्रमत्तं वेदव्यम

COTTON UNIVERSITY

Panbazar, Guwahati, Assam-781001

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No: CU/R&D/DST- SERB/Dr. Kangkana Bora/2022/33/ 1905

Date: 17/2/23

Advertisement for the post of JRF and Lab Technician

Advt. No. Recruitment/CU/2023/07

Dated: 17/02/2023.

Applications are invited from eligible candidates with Bio-data and photocopies of testimonials for a post of *JRF and Lab Technician*, in a project funded by DST SERB under Core Research Grant (CRG) scheme, entitled “ **AI-based Automated Decision Support System for the Detection and Grading of Oral Squamous Cell Carcinoma from H&E stained Biopsy (Histopathology microscopic images using Machine Learning, Deep learning, and image processing approach)**” (CRG/2022/004028/EEC), under the supervision of Dr. Kangkana Bora, Assistant Professor, Dept, of Computer Science and Information technology, Cotton University. Interested candidate should email their bio-data to the undersigned within 7 days from the date of publication of this advertisement. The interview date will be intimated to the shortlisted candidates by email. The details of the job is as follows -

SL No	Post-Name	Minimum Eligibility Criteria	Desirable Qualification	Remuneration	No of Vacancies
1	JRF	Post Graduate degree in professional Courses (MCA/ M.TECH) in first division both at Graduate and Post Graduate level	<ul style="list-style-type: none">● Candidates must have minimum of two years of prior experience in the area of application of AI in Bio-medical imaging.● Strong fundamentals in problem solving, algorithm design.● Strong Knowledge in Python programming language (Python)● Knowledge of Machine Learning, Deep Learning techniques, is strongly desirable.● Proven experience with software libraries such PyTorch, Tensorflow, Keras, Sklearn, Opencv, pandas.● Comprehensive knowledge of Computer Vision including Generative Models● Proven experience in end to end AI model deployment and comprehensive knowledge in API, Web-application development using Django or any cross-platform frameworks	Rs 31,000 per month.	1

17/2/23

2	Lab Technician	Post Graduate degree in Courses (Msc in Bioinformatics/ Biotechnology)	<ul style="list-style-type: none"> ● Minimum one years of prior experience in research/internship on data-annotation/labeling ● Prior experience of wet lab handling ● Strong fundamentals in Biology, cell structure,molecular biology. ● Proficiency in computer handling, must know python or R programming language. 	Rs 15,000 per month.	1
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Duration: 3 years or till completion whichever is earlier. Appointment will be initially for 1 year which may be extended for second year upon satisfactory performance.

The appointment will be purely temporary under Cotton University and will not be extended after three years.

Details of the PI:

Dr. Kangkana Bora(Principal Investigator)

Assistant Professor,

Dept Of Computer Science and Information Technology,
Cotton University, Pan Bazar, Guwahati-781001, Assam

Email: kangkana.bora@cottonuniversity.ac.in

Phone: 9401801343

Website: <https://cottonuniversity.irins.org/profile/268270>

Registrar
Cotton University
Panbazar, Guwahati-781007 Assam
17/2/23



Registrar

Memo No.: No: CU/R&D/DST- SERB/Dr. Kangkana Bora/2022/33/ 1906-12

Date: 17/2/23

Copy for information and necessary action to:

1. PS to Vice Chancellor, CU
2. Academic Registrar, CU
3. Head, Department of CSIT, CU
4. Finance Officer, CU,
5. Dr. Kangkana Bora, Project Investigator, Dept of CSIT, CU
6. System Manager, CU to upload this notice in the University website.
7. Office File