

COTTON UNIVERSITY

Panbazar, Guwahati, Assam-781001

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No.: CU/Acad/Prof.B.N.Goswami/Project/2018/109/4537

Dated: 01.07.2021

Application for Project Scientist--I

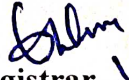
Advt. No. Recruitment/CU/2021/07

Dated: 01.07.2021

Applications are invited for a young Ph.D in Weather and Climate Science to join Prof. B.N.Goswami, FNA, FASc, FTWAS at the Department of Physics, Cotton University under the SERB Distinguished Fellowship for the next two years starting from May 1, 2021.

Essential experience includes broad exposure to weather and climate science, good analytical ability, experience in analysis of large volumes of geophysical data and related computer skills supported by quality publications. In particular, experience in AI and ML techniques in geophysical data analysis and/or experience in weather or climate modeling are desirable. Broad areas of research will include (a) unravelling the roles of cloud microphysics and dynamics on NE India precipitation and its variability, (b) continuing our efforts on pushing the limit of south Asian monsoon (SAM) predictability and (c) mechanisms of multi--decadal variability of the SAM and potential decadal predictability. With less than adequate computational infrastructure it is always challenging to do cutting edge research in weather and climate science in a less endowed state university. Over the past three years, project has added some basic computing infrastructure and demonstrated that there are cutting edge science questions that could be addressed even without an HPC and now also have access to an HPC at IIT Guwahati and some limited modeling studies are feasible. However, there are still many challenges. Therefore, Prof. Goswami is looking for a young scientist who would be willing to take up the challenge and learning experience with him.

The position would be that of a **Project Scientist--I** and would carry a consolidated remuneration of approximately Rs. 50,000/--(rupees fifty thousand only) per month plus HRA. The position is for two years. Interested people may contact Prof. Goswami with your CV at bhupengoswami100@gmail.com or call me at +91 9860201144.


Registrar 11/7/21
Registrar
Cotton University
Panbazar, Guwahati-781001, Assam

Memo No.: CU/Acad/Prof.B.N.Goswami/Project/2018/109/ 4537- 43

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Copy for information and necessary action to:

1. PS to Vice Chancellor, CU
2. Academic Registrar, CU
3. Prof. B. N. Goswami, Dept. of Physics
4. Finance Officer, CU,
5. System Manager, CU to upload this notice in the University website.
6. Office File