INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

(A State University established by Govt. of NCT of Delhi)

Date: 23 July, 2021

Subject: Inviting applications for a **PhD** position for a National Supercomputing Mission sponsored project on "Orbit computation of Resident Space Objects for Space Situational Awareness" at IIITD.
The selected candidate will work on high fidelity orbit propagation of RSOs and help in developing AI-algorithms for future collision probability analysis.

Post	PhD
Monthly Remunerations	• Rs. 31,000/- (+ HRA) for CSIR-UGC Net (Assistant Professorship)/ GATE qualified candidate
Qualifications	Essential: • Master degree in CSE, ECE, Aerospace Engineering or related field with CGPA >= 7.5 • Good written, verbal, and visual communication skills. • Knowledge about linear algebra, vector calculus, State Space Methods, Stochastic Process • Proficient in Linux, MATLAB, C++ and Python • Prior experience in High Performance Computing is desirable • Maximum age limit – 35 years Desired: • Knowledge of orbital mechanics • Experience in Applying AI algorithms in practical problems
Duration	3 years (may be extended)
Application Deadline	• Submit your application on or before August 20 • The positions will be filled as soon as a suitable candidate is found.
Application Process	Submit your application in the following link: https://forms.gle/dCVzw6QuhLgxToiE7 Contact: Dr. Sanat K Biswas Assistant Professor Email: sanat@iiitd.ac.in https://ssl.iiitd.edu.in/