

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	<ul style="list-style-type: none">Rs. 31,000/- (+ HRA) for CSIR-UGC Net (Assistant Professorship)/ GATE qualified candidateRs. 25000/- (+HRA) for others
Essential Qualifications	<ul style="list-style-type: none">Master degree in CSE, ECE, Aerospace Engineering or related field with CGPA ≥ 7.5Good written, verbal, and visual communication skills.Knowledge about linear algebra, vector calculus, Orbital Mechanics, State Space Methods, Stochastic ProcessProficient in Linux, MATLAB, C++ and PythonPrior experience in High Performance Computing is desirableMaximum age limit – 35 years
Duration	3 years
Application Deadline	<ul style="list-style-type: none">Submit your application on or before July 31The 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/