



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

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కంది - ౫౦౨ ౨౮౪, సంగారెడ్డి, తెలంగాణ, భారత దేశం
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
कंदी - ५०२ २८४, संगारेड्डी, तेलंगाना, भारत
Indian Institute of Technology Hyderabad
Kandi – 502 284, Sangareddy, Telangana, INDIA

Advertisement for the posts of 1 Junior Research Fellow in a Sponsored Project (Rolling Advertisement)

Applications are invited for time-bound Project Appointments under the following project.

Title of the Project	Design and Fabrication of Lightweight Meta material Structures for Flapping Wing Systems.	
Funding Agency	DYSL - SM	
Duration	2 Years (To be renewed every year for up to 2 years, subject to performance and fund availability)	
PI	Dr. Prakhar Gupta	
Co-PIs	Dr. Sachidananda Behera and Dr. Safvan Palathingal	
Department	Mechanical and Aerospace Engineering	
Post	Fellowship	Minimum Qualifications
Junior Research Fellow	Rs. 37,000 per month (Accommodation is subject to availability. Otherwise, HRA will be provided)	<ul style="list-style-type: none">▪ B. Tech/B. E. (1st Class) in Mechanical/Aerospace Engg.▪ M. Tech. (minimum CGPA 6.0) in Mechanical/Aerospace Engineering
Desirable Qualifications	<ul style="list-style-type: none">• Expertise in numerical simulation using FVM• Hands-on experience with commercial or open-source packages (ANSYS/COMSOL/OpenFOAM etc.)• Mesh Generation using commercial packages (ANSYS/ICEMCFD etc.)• Experience in Fluid-Structure Interaction (FSI) simulation using ANSYS <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Experience in prototyping methods such as CNC, 3D printing• Familiarity with Abaqus.• Familiarity with software such as MATLAB and Mathematica.• Basic knowledge of using actuators and microcontrollers.	



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Application Process:

Eligible applicants should fill out the [Google Form](#). Documents to be uploaded in the Google form are:

1. Latest CV and Photo ID.
2. Scanned/Digital copy of degree certificate and grade sheet/transcripts.
3. M. Tech. Thesis abstract with publications (if any).

Selection:

- This is a rolling advertisement; the PI and Co-PIs will evaluate and shortlist the applications received every 15 days until suitable candidates are selected.
- The PI and Co-PIs will shortlist candidates and the selection committee based on eligibility and fit for the advertised position.
- Shortlisted candidates will be called for an online interview. Shortlisted candidates will be informed by email about the interview date and time.
- Candidates with prior relevant experience will be given preference. Joining will be immediate after selection.
- The position will be kept open if no suitable candidate is found.

Sachidananda

Dr. Sachidananda Behera

Assistant Professor

Department of Mechanical and Aerospace Engineering

IIT Hyderabad