Advt. No. TiHAN/May/2022/Rec/01

Dated. 01/11/2022

**Applications Invited for Post-Doctoral Research Fellowship**

**About** [**TIHAN**](https://tihan.iith.ac.in/2020/09/14/recruitment-for-postdoc-and-research-saff/)**:**

Department of Science and Technology (DST) under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), Govt. of India has sanctioned the prestigious Technology Innovation Hub to IIT Hyderabad in the technological vertical of Autonomous Navigation and Data Acquisition Systems (UAVs, ROVs, etc.). Technology Innovation Hub on Autonomous Navigation – TiHAN at IIT Hyderabad will be the source for fundamental knowledge and technologies (IPs, Publications, Products, Commercialization as Licensing, ToTs...) in the technology vertical of Autonomous Navigation and Data Acquisition Systems, is inviting applications for the post of Post-Doctoral Research Fellowship. Details are given below:

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| **Position:** |  Post-Doctoral Research Fellow (Aerospace/Aeronautical/Mechanical) |
| **Type of Position:** | The position is for one year, with an extension subject to performance. |
| **Fellowship:** | Consolidated pay Rs. 55,000 per month (negotiable) |
| **Eligibility:** | * Ph.D. with **BE/BTech/Equivalent** in **Aerospace/Aeronautical/Mech** with relevant research/industrial experience.
* Publication in standard journals will have an added advantage.
* The candidate should have good academic records throughout and good writing skills.
* Candidates should not have published in Predatory Journals.
* **Candidates who submitted the thesis and waiting for thesis defense are also encouraged to apply**.
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| **Experience:**  | Fresher/2-3 Years of Experience |
| **Job Description:** | * Collection of relevant literature
* Expertise in one of the domain areas listed below.
* Coordinate the work with the team.
* Experience in handling experimental and computational facilities.
* Report preparation and lab management.
* Interaction with sponsored agencies, etc.
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| **Domain Areas of Interest Include:** | 1. Unmanned Aerial Vehicles (UAVs) – Multirotor/Fixed Wing
2. Autonomous Navigation of Drones
3. Aerodynamics and Structural Analysis of UAVs
4. Urban Air Mobility-based Personal Aerial Vehicles (PAVs)
5. AI/ML for UAVs
6. Sensor Fusion for UAVs
7. Drone Swarms
8. Fuel Cell-based UAVs
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| **Application Form:** | **https://bit.ly/3oIykBq** |

**How to Apply:**

* Candidates, who fulfill the eligibility criteria, should apply through the link given above by **5:00 pm, 15th November 2022**.
* For more details, please visit <https://tihan.iith.ac.in/>

**Selection Procedure:**

* Candidates will be shortlisted based on their eligibility criteria, academic record, and relevant experience
* Only shortlisted candidates will be intimated through email for the interview by the selection committee
* Merely meeting the criteria may not guarantee a call for an interview
* The position will be left vacant, and a new advertisement with an extended date will be given if no suitable candidate is found.

# Other criteria:

* TiHAN Foundation or IIT HYDERABAD will not provide accommodation.
* Please note that the position is on-site & With in IITH campus.