



Advt. No. TIHAN/May/2022/Rec/04
Dated. 27/09/2022

Applications Invited for Post-Doctoral Research Fellowship

About [TIHAN](#):

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:

Position:	Post-Doctoral Research Fellow (CSE/ECE/EEE/ME/IT/Aero)
Type of Position:	The position is for a period of 1 year, with extension subject to performance.
Fellowship:	Consolidated pay Rs. 55,000 per month (negotiable)
Eligibility:	<ul style="list-style-type: none"> • PhD with BE/BTech/MSc/Equivalent in CSE/ECE/EEE/ME/IT/Aero with relevant research/industrial experience. • Publication in standard journals will have an added advantage. • Candidate should have good academic records throughout and good writing skills. • Candidates should not have published in Predatory Journals. • Candidate submitted the thesis and waiting for the thesis defence are also encouraged to apply.
Experience:	Fresher/1-2 Years of Experience
Job Description:	<ul style="list-style-type: none"> • Collection of relevant literatures • Expertise in one of the domain areas listed below. • Co-ordinate the work with the team. • Report preparation and lab management. • Interaction with sponsored agencies, etc.
Domain Areas of Interest Include:	<ul style="list-style-type: none"> (i) Unmanned Aerial Vehicles (UAVs), Drone Swarms (ii) Unmanned Ground Vehicles (UGVs) (iii) Remotely Operated Vehicles (ROVs) (iv) Artificial Intelligence/Machine Learning for Autonomous Vehicles (v) Edge Computing and Edge Cloud for Avs (vi) UAM-based based PAV (vii) Communication and Networking, V2X, Connected Vehicles



	<ul style="list-style-type: none"> (viii) Autonomous Navigation (ix) ADAS Functions (x) UAM-based based PAV (xi) EV and Fuel Cell-based Autonomous Vehicles (xii) Collaborative Transport (Vehicle Platooning) and Shared Mobility (xiii) Renewable Energy Harvesting (xiv) Sensor Fusion for Autonomous Vehicles
Application Form:	https://bit.ly/3SCwU8K

How to Apply:

- Candidates, who fulfill the eligibility criteria, should apply through the link given above latest by **5:00 pm, 20th October 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:

- Accommodation will not be provided by TIHAN Foundation or IIT HYDERABAD.
- Please note that the position is on-site & within IIT Hyderabad campus.