

Sanction Letter for TIH-IoT CHANAKYA Fellowship Program 2022-2023 (3)

Date: 06 April 2023

Grant No.: TIH-IoT/2023-03/HRD/CHANAKYA/SL/CFP-002A (Revision-1)

To,

Indian Institute of Technology Ropar (Grantee Institute)

Rupnagar, Punjab - 140001

Subject: Approval of the project titled “CFP/2022/A/005- Digital Twin and Robust Predictive Maintenance of Pneumatic Systems” (Project) based on the project proposal submitted by Prof. Jayaram Valluru, Dept of Chemical Engineering (Mentor) along with his team of students (5 UG) under TIH-IoT CHANAKYA Fellowship Program 2022-2023 (3).

1. We are pleased to inform you that the Project referenced above has been selected for the **TIH-IoT CHANAKYA Fellowship Program** by the **TIH Foundation for IoT and IoE (TIH-IoT)**. This Project has been approved based on your proposal submitted for the problem statement on ‘Digital Twin and Predictive Maintenance of Pneumatic Systems’ identified by Mathworks Bengaluru.
2. The project has been approved for execution at your institute for a duration mentioned in table below from the date of the start of the project which will be the date of release of the grant.
3. The following Students have been selected as ‘**TIH-IoT CHANAKYA Fellows**’ for the Project and will receive a fellowship amount per month for a period as given in the table below or till the end of the Project or completion of his / her academic Program, whichever is earlier, in addition to specified amount given below for expenditure towards Project related contingency and consumables.

Undergraduate student grant

Sr. No.	Name	Duration in Months	Grant Details	Amount in INR	Total Grant (INR)
1.	Vaidehi Patidar	10	Fellowship	10,000 p.m.	1,20,000
			Consumables/Contingencies	20,000	
2.	Ishan Nimje	10	Fellowship	10,000 p.m.	1,20,000
			Consumables/Contingencies	20,000	
3.	Avi Garg	10	Fellowship	10,000 p.m.	1,20,000
			Consumables/Contingencies	20,000	

4.	Sarbjot Singh	10	Fellowship	10,000 p.m.	1,20,000
			Consumables/ Contingencies	20,000	
5.	Vansh Gupta	10	Fellowship	10,000 p.m.	1,20,000
			Consumables/ Contingencies	20,000	

4. The total grant of Rs 6,00,000 (Rupees Six Lakhs Only) will be disbursed by **TIH-IoT under TIH-IoT CHANAKYA Fellowship Program** to a designated Bank account of the Grantee Institute, subject to receiving acceptance of this letter.

A. Roles & Responsibilities:

1. Fellow(s) / Mentor

- The Fellow(s) shall carry out the activities in the Project and conform to the specified objectives, outputs, milestones, and targets under the supervision of the Mentor.
- Publications and presentations in any manner regarding the details of the Project, its progress or its success, shall acknowledge the receipt of grant from **TIH-IoT under the TIH-IoT CHANAKYA Fellowship Program**. A copy of all publications arising out of the work undertaken for the Project shall be made available to TIH-IoT.
- The Fellow(s), unless permitted by TIH-IoT in writing, shall not accept any other government fellowship/scholarship while (s)he in receipt of the **TIH-IoT CHANAKYA Fellowship program**.
- The Mentor shall submit a Project progress report to TIH-IoT every 3 (Three) months.

2. Grantee Institute

- The Grantee shall release the fellowship amount to the Fellow(s) on a monthly basis, subject to a confirmation of satisfactory attendance / performance from the Mentor. Payment to be released only by bank transfer/cheque to respective fellows' account.
- The Grantee shall make available the contingency grant in time to the team for use in the Project.
- The grantee shall submit statement of expenditure and audited Utilization certificate at the end of every year of grant/financial year as the case may be.
- TIH-IoT reserves the right to call for supporting documents wherever necessary which grantee to submit as and when asked for.
- Grantee shall have the sole liability to pay (if any) present or future taxes, levy, cess duties, impositions of whatsoever nature arising out of or in relation to the funds.
- Unspent balance, if any at the end of the grant period, shall be refunded/returned to TIH-IoT details of which will be shared at the time of refund.

B. Termination/Separation:

- TIH-IoT CHANAKYA Fellowship program** shall expire after the approved duration or completion of the Project or completion of the degree of the respective student, whichever is earlier, or in the event it is terminated by TIH-IoT at its sole determination.

2. During the stipulated period, if the progress of the Project or conduct or performance of specific students is found unsatisfactory, the grant/ fellowship as the case may be, shall be discontinued.
3. The engagement of the students in the **TIH-IoT CHANAKYA Fellowship Program** is based on original and authentic information, testimonial, documents, and undertaking submitted. If it is found at any stage that the information provided is incorrect or some information is concealed/suppressed, then the grant and the engagement hereunder will be automatically cancelled.
4. In the event of a breach of any of the terms & conditions of the grant,
 - a) TIH-IoT reserves the right to terminate the **TIH-IoT CHANAKYA Fellowship Program** without any notice.
 - b) TIH-IoT (entirely at its discretion) also reserves the right to recover any monies/damages that result from such termination.

C. General Terms & Conditions:

1. The above Grant is non-transferrable in nature.
2. The Project Grant may not be utilized for any Capital Expenditure.
3. The Proposal is related to a problem statement identified by Mathworks Bengaluru (Industry), hence the team may contact the Industry for discussion/collaboration as deemed appropriate without recourse to TIH-IoT.
4. Intellectual property (IP) related:
 - a. The TIH-IoT Chanakya Fellows will be governed by the IP policies of Grantee Institute including disclosure, evaluation, protection and deployment of IP, resulting from the work carried out by them as part of the Project.
 - b. A copy of any IP filings, information about commercialization of IP generated out of Project and their status update will be made available to TIH-IoT from time to time.
 - c. TIH-IoT shall retain the rights to use any and all results of the Project, for academic purposes such as teaching and research activities.
5. The students have been engaged as "**TIH-IoT CHANAKYA Fellow**" by the TIH-IoT under the CHANAKYA Fellowship program funded by the Department of Science and Technology (DST), GoI, under the NM-ICPS and therefore in addition to the terms of this sanction letter, the Students / Mentor /Grantee shall also adhere to and abide by any rules, ordinances, guidelines, directions issued by DST from time to time as informed by TIH-IoT.
6. The terms and conditions of this letter are strictly confidential and should be treated as privileged information between the Grantee and TIH-IoT. Such terms may be amended by TIH- IoT as per its approved policies from time to time.
7. Decision of the CEO/COO, TIH-IoT, shall be final and binding in case of any dispute(s)/difference(s) concerning or relating to or arising out of this grant and shall be subject to the exclusive jurisdiction of Mumbai.

8. In the case of any ambiguity or conflict or inconsistency between this sanction letter and any other previous communication by TIH-IoT on the same subject matter, the provisions of this sanction letter shall take precedence.

Kindly provide an acceptance of the terms and conditions as mentioned in this Sanction letter by returning the duplicate copy duly signed by an authorized signatory, to the TIH-IoT office ([Email: chanakya-iot@tihiitb.org](mailto:chanakya-iot@tihiitb.org)).

Yours,

Satanesh

Signature



Chief Operating Officer,

TIH Foundation for IoT and IIE, IIT Bombay

The terms and conditions of the above sanction letter are agreed and accepted.

Signature: *V. Jayaram*

Name: *Dr. Jayaram Valluru*

Date: *6th April 2023.*

Endorsed by Grantee Institute authorized signatory

Copy to

- 1) The Fellows : Vaidehi Patidar, Ishan Nimje, Avi Garg, Sarbjot Singh & Vansh Gupta
- 2) The Mentor : Prof. Jayaram Valluru
- 3) TIH-IoT File

A. Vaid
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