



**Office of Alumni Affairs & International Relations
Indian Institute of Technology Kharagpur
Kharagpur - 721 302**

Ref: 2036/2023/OIR

Date: 1.11.2023

NOTE

Sub: Approval for the launching of the Foreign Training Program 2023-24

International Relations Student Cell (IRSC), which is the student body working under the Office of AA&IR have been operating the Foreign Training Program (FTP) for the past several years. The FTP is a student led initiative where research projects are requested from distinguished Professors from renowned global universities (WUR 500) to provide IITKGP students with an enriching opportunity to engage themselves in collaborative research internships. The program has seen a substantial growth over the years and a tremendous response from faculty members world-wide resulting in over 150 projects from prestigious institutions such as Stanford University, Imperial College London, Hong Kong University of Science and Technology, to name a few.

FTP offers the following leverage to IITKGP and its students:

- international exposure
- enriching experience of scholarly learning
- open opportunities for foreign collaboration

The process flow and work flow along with diagram of the FTP is enclosed (Flag 1). Also enclosed is the data highlighting the success of the program (Flag 2).

In light of the above, it is requested that the FTP 2023 be approved for launching in order to receive international research projects for IITKGP students.

Enclosures:

1. Flag 1: The process flow and work flow along with diagram
2. (Flag 2): data highlighting the success of the program

AR (AA&IR) 1/11/23.

ADean (AA&IR)

Dean (OR&AA)

Chakraborty 02/11/2023. It may please be approved.

IR Executive

① approved.

02/11/2023





Foreign Training Portal

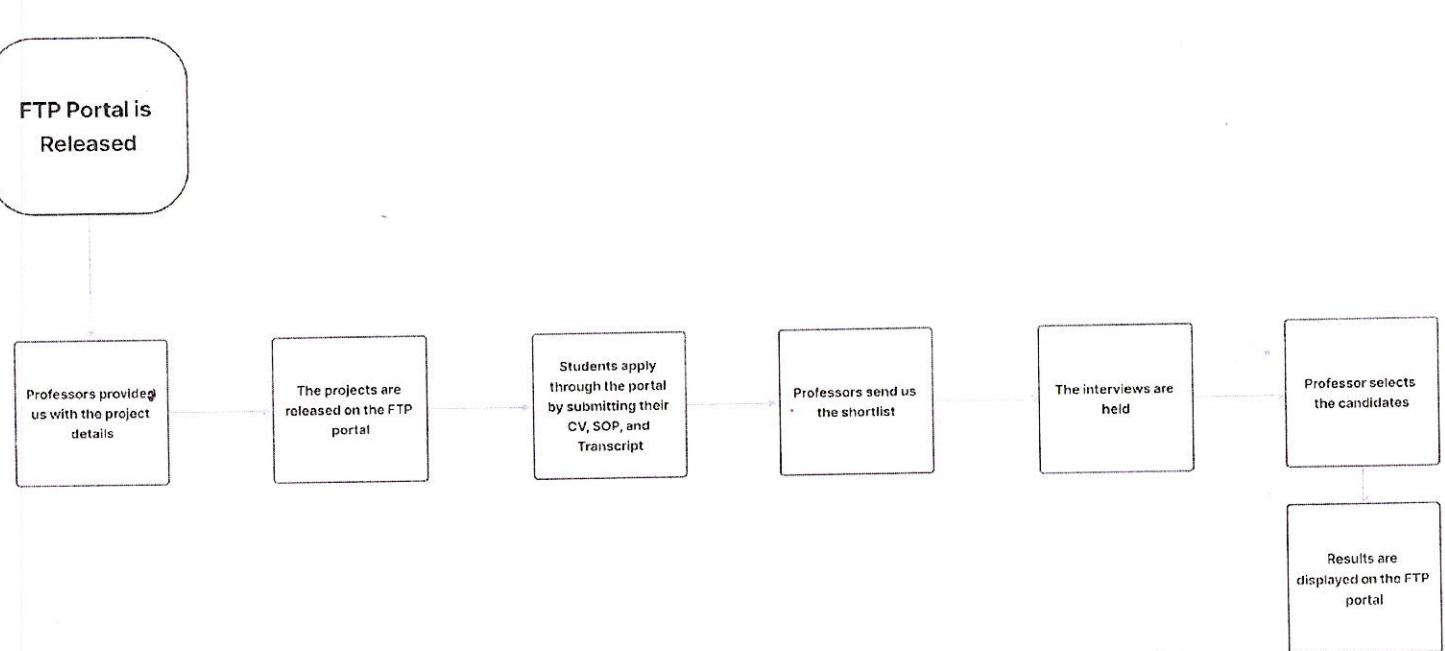
International Relations Cell of IIT Kharagpur is a student body working under the esteemed guidance of the Office of International Relations which operates under Associate Dean, Alumni Affairs and International Relations and Dean, Outreach and Alumni Affairs, IIT Kharagpur. We are keen on building our relations with universities abroad on our initiatives. We provide the esteemed professors of host university with brilliant students of IIT Kharagpur who can actively contribute to their research projects.

Foreign Training Program for the academic session 2023-24 is an independent venture wherein distinguished Professors from renowned global universities provide our students with an invaluable opportunity to engage themselves in collaborative research internships. In the preceding iteration of this program, we received a remarkable response, with over 150 projects pouring in from prestigious institutions such as Stanford University, Imperial College London, Hong Kong University of Science and Technology, and many more.

A brief Work Flow:

- The professors provide us with the project details.
- The project is released on our portal, and the students apply for the projects by submitting a Statement of Purpose, Grade Transcript, and Curriculum Vitae (CV). We then forward it to the professor, and they shortlist the students.
- The Professor sends us the shortlist, and we coordinate video/telephonic interviews of students with the Professor if they are willing to do so.
- The Professor then selects students based on their merits and sends us their names.
- The selected students work with the professor from May to July of the following year (2024 in this case).

● International Relations Cell
IIT Kharagpur



✓ 1/1/23



1750+

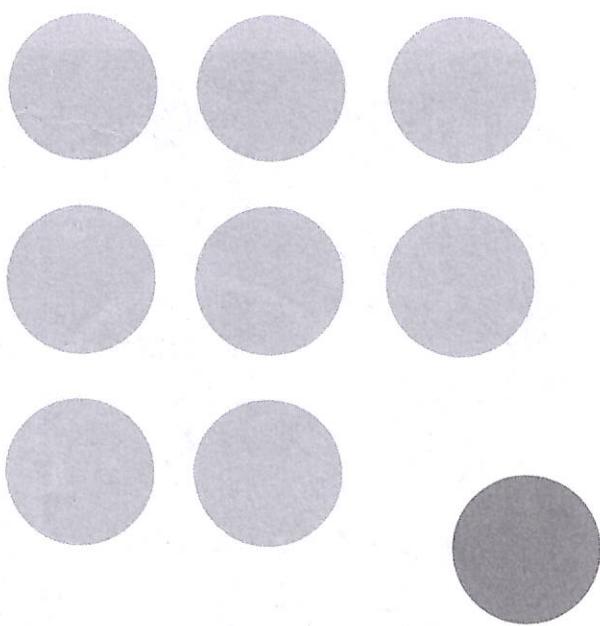


2400+



14000+

International Relations Students' Cell IIT Kharagpur



John
11/11/2023

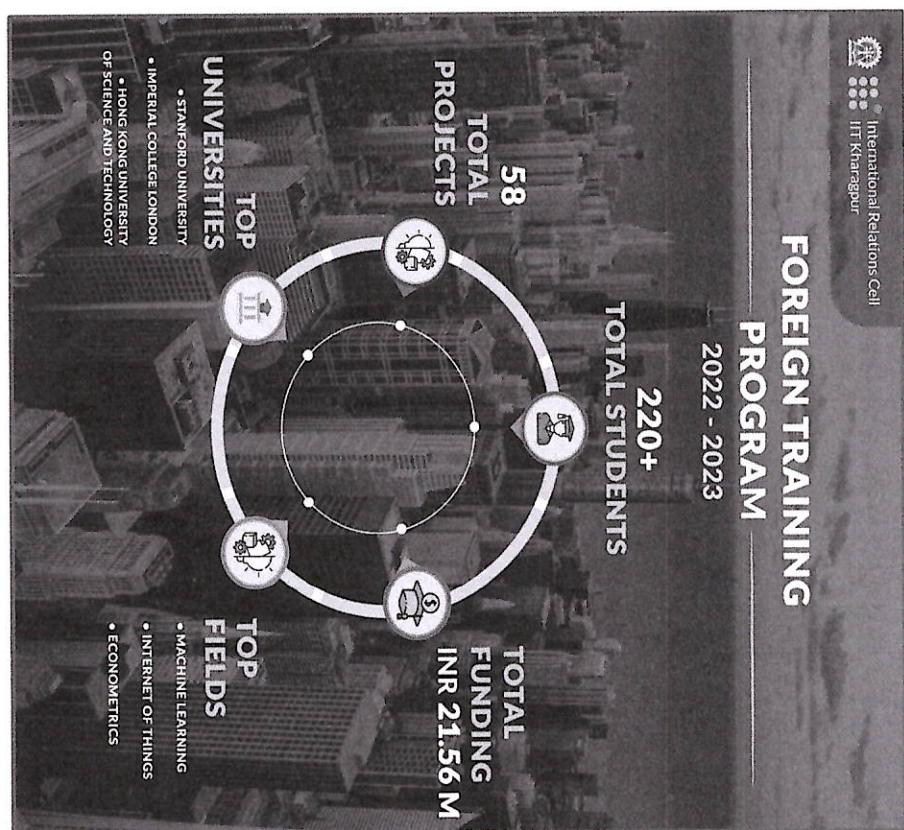


Foreign Training Program

Prestigious research internships abroad.

The Foreign Training Program is the flagship offering of IRSC to the student community of IIT Kharagpur.

In one dedicated portal, students can apply to dozens of research projects in top-ranking universities across the globe—including Imperial College London, Technical University of Munich and University of Warwick.



Students got
benefitted in
2022 - 23

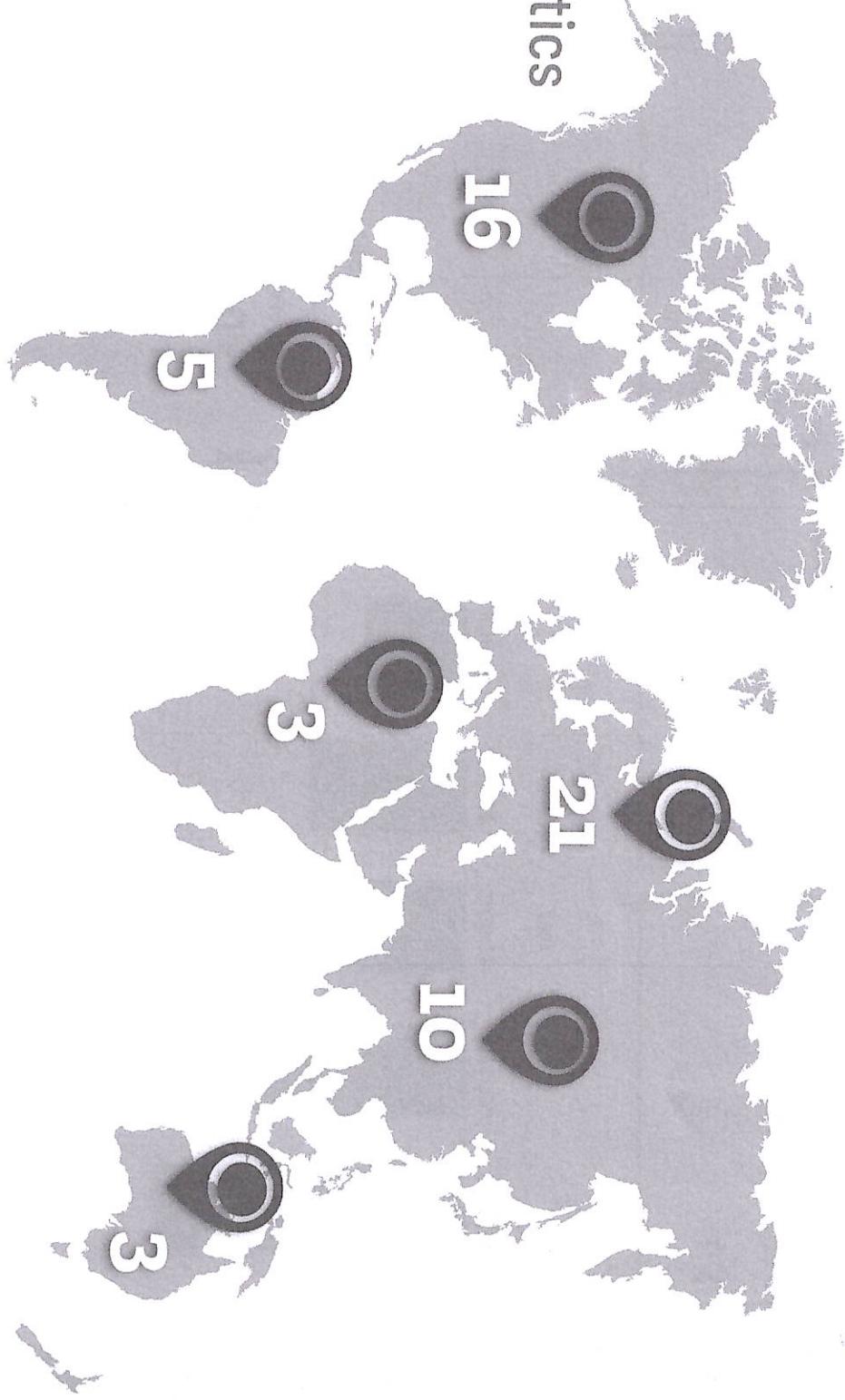
**21.56
Mn**

Total
Funding (INR)

The top research fields include Machine Learning, IoT and Econometrics, alongside numerous other interdisciplinary fields.

6/2/11
mjt

FTP Continent Wise Statistics

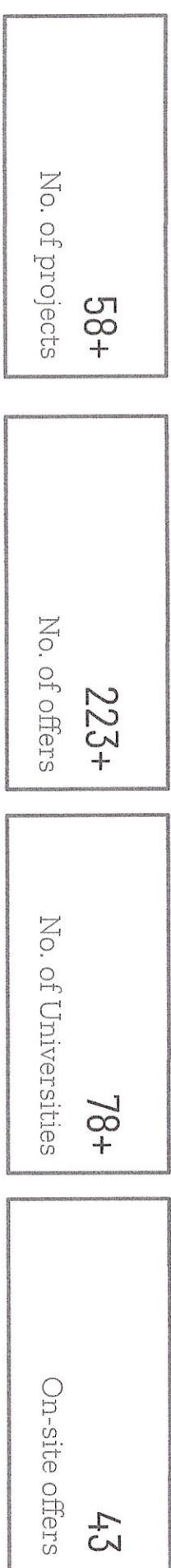
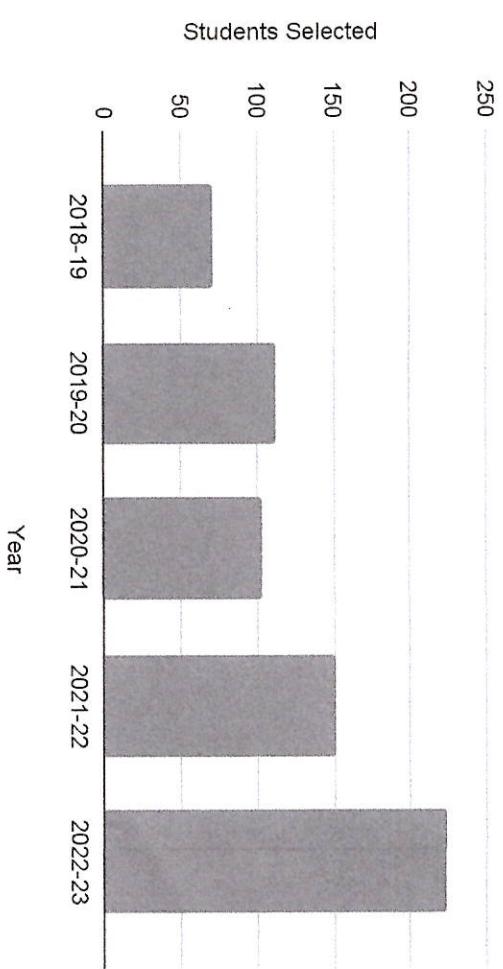


Despite the challenges posed by the pandemic induced travel restrictions, the **FTP portal** for the session **2022-2023** went live on 14th October, 2022 and since then, our team has worked tirelessly securing research internships for the students. There were a mix of remote and on-site internships offered to the students this year.

The Foreign Training Program (FTP) is the flagship program of the Cell. It provides a unique opportunity to the students from IIT Kharagpur to perform research for 2-3 months under the supervision of professors of eminent universities abroad.

Training Program 2022-2023

Students Selected vs. Year

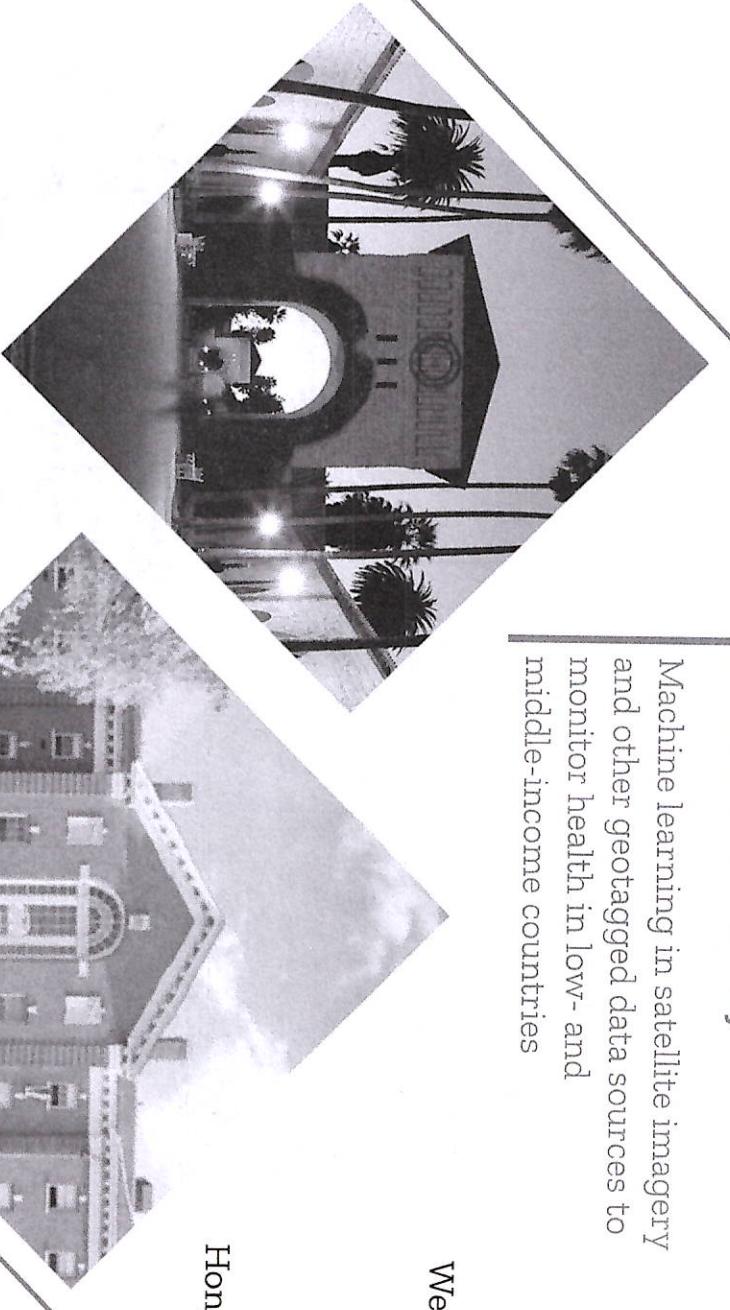


Stanford University

Machine learning in satellite imagery and other geotagged data sources to monitor health in low- and middle-income countries

OFFERS FROM RENOWND UNIVERSITIES

We are delighted to inform that FTP 2022-23 saw the participation of various renowned universities including Stanford University, Imperial College London, and Hong Kong University of Science and Technology



NO. OF APPLICATIONS

Stanford University	180+
Imperial College London	25+

Turbulent phenomenology of wakes produced by porous objects

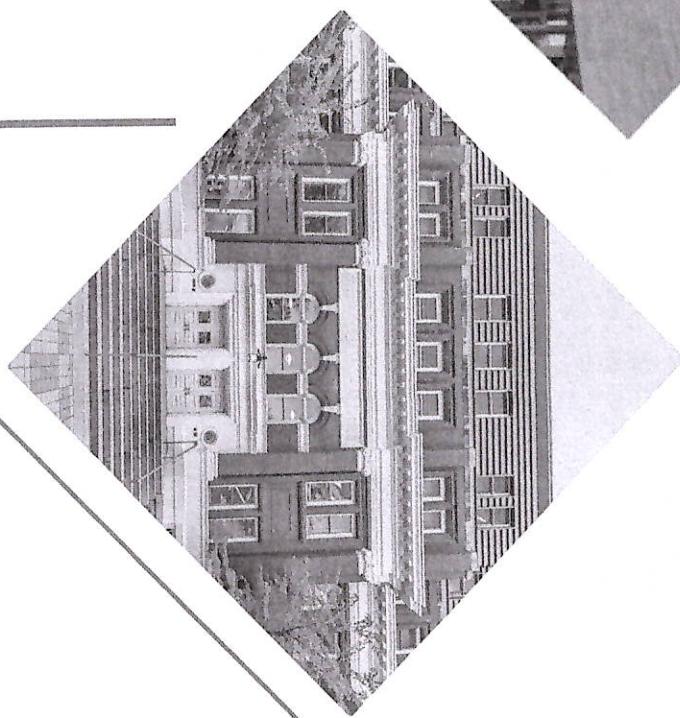
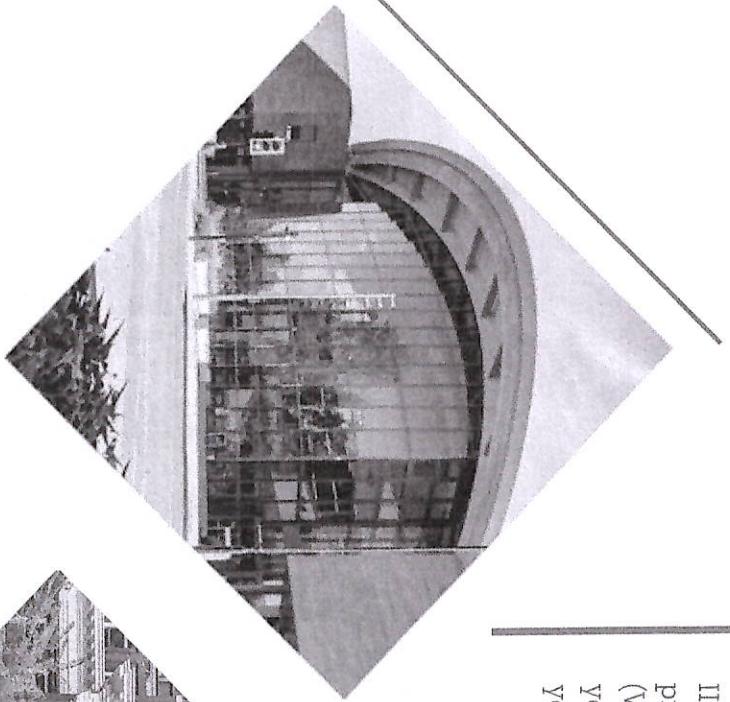
Imperial College London

UNIVERSITY OF WARWICK

IIT Kharagpur has an active student internship program with the Warwick Manufacturing Group (WMG) at the University of Warwick, UK where every year they offer internships to UG and PG students. This year we have received 10 projects from WMG.

PROJECTS THROUGH OIR

IRC worked in close accordance with the OIR for the dissemination of these projects and coordinated with the professors for a smooth selection process.



8/11/11
mp

Testimonials

Foreign Training Program, IR cell did an excellent job of floating high-quality projects from top-ranked foreign universities. Having exhausted my chances at Mitacs GRI and Summer@EPFL, / was left with really few other options. At this point in time, FTP, IR cell helped me to apply for a project offered by the University of New Brunswick. The foreign professor who supervised our project is a leading researcher in the field of cybersecurity.

Under his supervision, we were introduced to the cutting-edge methodology involving ML and DL techniques being applied in darknet traffic classification. We had weekly meetings and presentations. The research experience was really enriching and I would like to convey my heartfelt thanks to the entire IR cell.

My FT experience was definitely a major learning point for me. Through working on a field of my interest that was challenging yet exciting, / was pushed to develop new and diverse skills. My research supervisor was kind and helpful throughout the entire internship. She's also a really interesting person, and I learnt a lot from her and her Research Group. Through attending meetings and talks, / was exposed to the research domains of each member of the Research Group. I believe that this kind of exposure provides clarity in planning about the future of one's career. Applying through the FT Portal made the process very systematic and streamlined, and it made sure that we got timely updates and notifications.

My FT experience was definitely a major learning point for me. Through working on a field of my interest that was challenging yet exciting, / was pushed to develop new and diverse skills. My research supervisor was kind and helpful throughout the entire internship. She's also a really interesting person, and I learnt a lot from her and her Research Group. Through attending meetings and talks, / was exposed to the research domains of each member of the Research Group. I believe that this kind of exposure provides clarity in planning about the future of one's career. Applying through the FT Portal made the process very systematic and streamlined, and it made sure that we got timely updates and notifications.

First of all, it was an enriching experience to have an FT. In my internship, we had a team consisting of interns, Research Scholars and profs of the University Of Strathclyde and Democritus University of Thrace, Greece. It was a sort of joint project between the universities. I personally got to learn a lot from other people coming from different backgrounds.

More importantly, I actually understood how to apply the theory we learn in a regular classroom to different problems at hand pertaining to the relevant domain. Loved the brainstorming sessions that were there.

First of all, it was an enriching experience to have an FT. In my internship, we had a team consisting of interns, Research Scholars and profs of the University Of Strathclyde and Democritus University of Thrace, Greece. It was a sort of joint project between the universities. I personally got to learn a lot from other people coming from different backgrounds.

More importantly, I actually understood how to apply the theory we learn in a regular classroom to different problems at hand pertaining to the relevant domain. Loved the brainstorming sessions that were there.

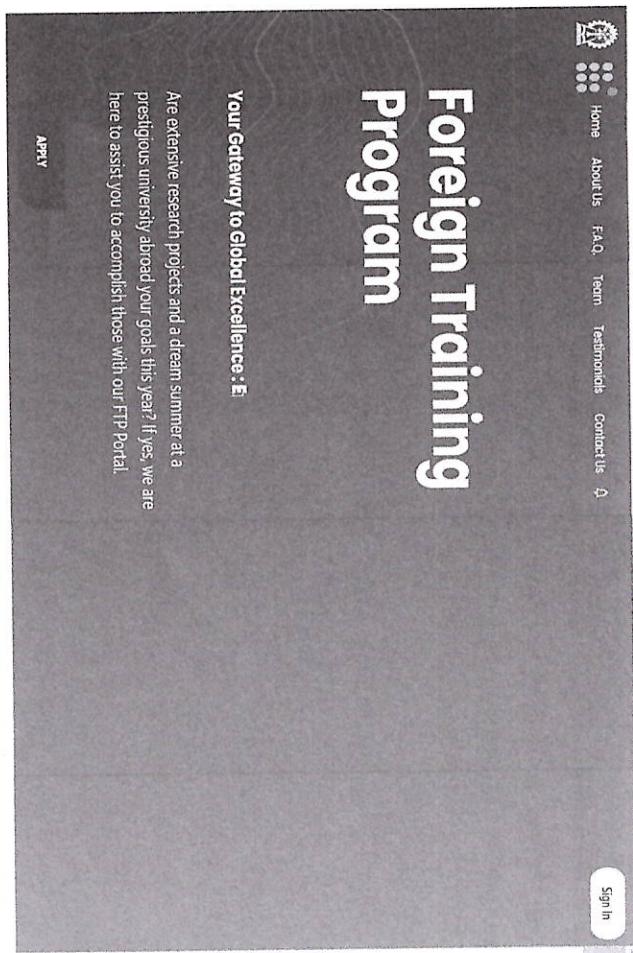
- HARDHIK MOHANTY
University of New Brunswick

- ISHAN GOEL
Simon Fraser University

- HRITURAJ DUTTA
University of Strathclyde


11/11/23

Foreign Training Program 2023-24



Frontend - <https://ircell.iitkgp.ac.in/ftp/dev/>
Link - <https://ircell.iitkgp.ac.in/ftp/>



23

Foreign Training Program 2023-24

FTP admin

FTP
FTP professors
Profiles

[+ Add](#) [Change](#)

[+ Add](#) [Change](#)

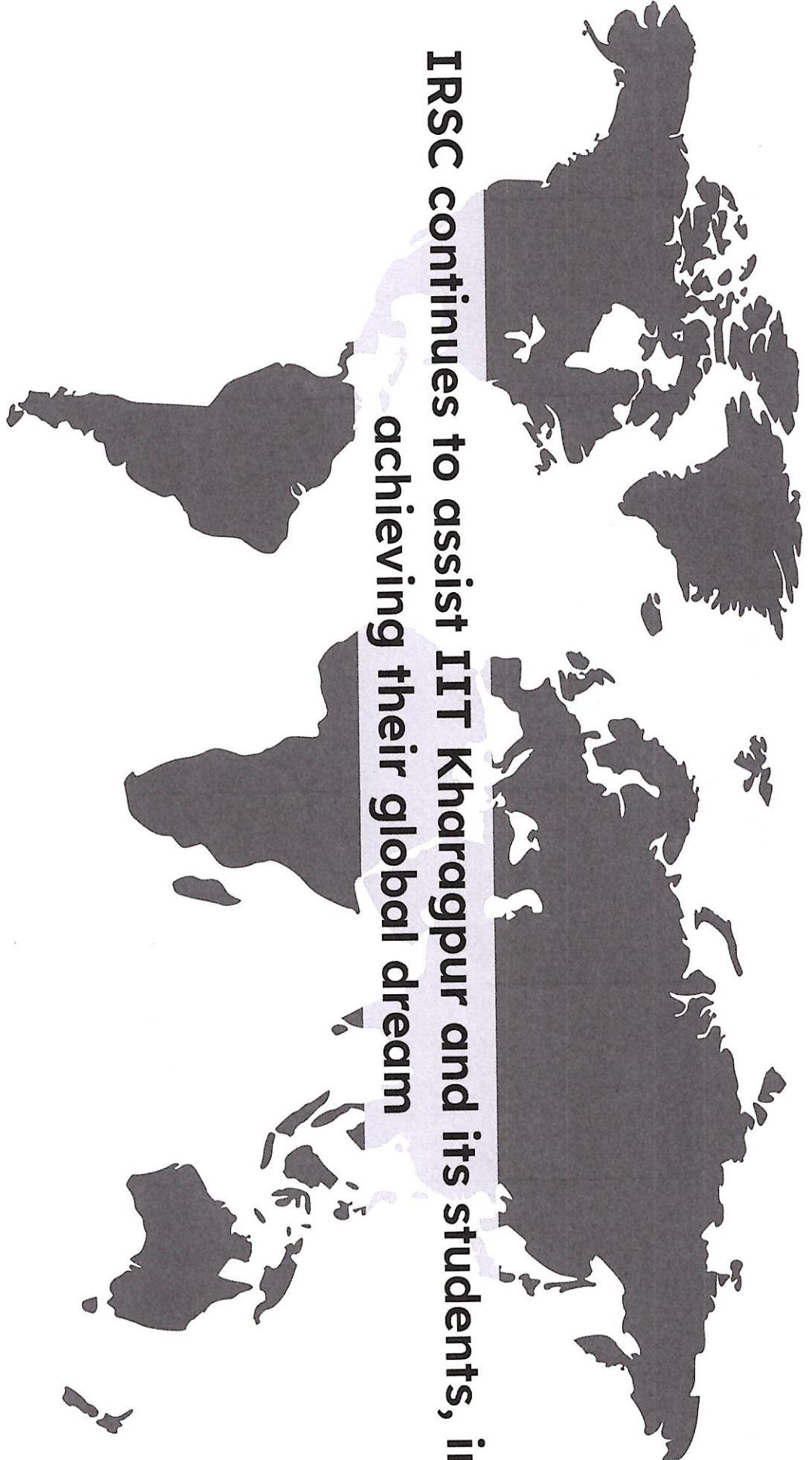
Backend

[Link - http://ircell.iitkgp.ac.in/ftp-admin](http://ircell.iitkgp.ac.in/ftp-admin)

Username: ftpadmin2023

Password: ftp#2023@admin

8/11/23



IRSC continues to assist IIT Kharagpur and its students, in achieving their global dream

