

# All You Need Know About MITACS Programme (A Short Guide)

## # What is MITACS (a brief Intro)?

=> Mitacs is a Canadian non-profit organization that offers research and training programs for undergraduate and graduate students, as well as postdoctoral fellows.

**Purpose:** Mitacs aims to foster research and innovation by connecting students and researchers with industry partners, helping them develop their skills, and facilitating collaboration between academia and industry.

**Programs:** Mitacs offers various programs to support research and training opportunities. Some of the notable programs include:

**Mitacs Globalink:** Provides international research opportunities for undergraduate students.

**Mitacs Accelerate:** Connects graduate students and postdoctoral fellows with industry partners for research collaborations.

**Mitacs Elevate:** Offers postdoctoral fellowships for professional development and collaboration with industry or non-profit partners.

**Mitacs Training:** Provides workshops and courses to enhance research and professional skills.

**Eligibility:** The eligibility criteria vary depending on the specific Mitacs program. Generally, undergraduate students, graduate students, and postdoctoral fellows enrolled or employed at Canadian academic institutions are eligible to apply. Some programs also welcome international students and researchers.

**Research Areas:** Mitacs covers a wide range of research areas, including science, engineering, mathematics, social sciences, and humanities. Projects can span various disciplines and industries.

**Funding and Support:** Mitacs provides financial support to participants through stipends, internships, fellowships, and research grants. The program offers a valuable opportunity to gain real-world experience, develop professional networks, and receive mentorship from industry experts.

**Application Process:** To participate in Mitacs programs, interested individuals need to apply through the Mitacs website. The application process typically involves submitting project proposals, indicating the desired program, and providing supporting documents such as CVs and academic transcripts.

**Program Duration:** The duration of Mitacs programs can vary depending on the specific program and project. Some programs may last a few months, while others can extend up to two years.

**Impact and Success Stories:** Mitacs has been instrumental in supporting research and innovation across Canada. Many participants have successfully utilized Mitacs programs to advance their careers, gain valuable industry experience, and contribute to impactful research projects.

For detailed information about Mitacs programs, eligibility criteria, and application procedures, I recommend visiting the official Mitacs website or contacting their support team directly :

<https://www.mitacs.ca/en/programs/globalink/globalink-research-internship>

\*Note : Since I came here through the Mitacs Globalink Research Intern Programme I can only help with that

## # Certain Must Check Eligibility Criterias:

- 1) Your University must be in Collaboration with MITACS as a part of the eligible universities.

<https://www.mitacs.ca/en/globalink-research-internship-2024-eligible-universities>

### **Where is the list of eligible universities?**

A list of eligible institutions by country can be found under the Student Application tab. When you start your application, select your country of enrollment, and you will be asked to choose your university from the drop-down list.

### **What can I do if my home university is not on the drop-down list of eligible universities?**

Make sure you search all possible names for your university. Note that there are no abbreviations in the list. If you still cannot find your home university, please contact [helpdesk@mitacs.ca](mailto:helpdesk@mitacs.ca). Mitacs will determine if your university is eligible to receive funding and confirm with you.

- 2) Even if your university isn't eligible, you can work out a bit via asking your Dean/Head positions at your university/college to get in membership with MITACS(We had to fight as well with the SICI/AIEEE to get our institute registered, it will be hard but is definitely worth it!)
- 3) Although as per MITACS you must be in your pre-final year to apply for the internship. During my experience I saw students in their 2nd years apply to so

don't waste your chance(just mail the helpdesk of MITACS and ask if you can apply or not, infact just apply worst case scenario you might not get selected but that won't affect your eligibility to apply the next year)

- 4) Do go check out and read the FAQs section of the Globalink website for any further querries:

<https://www.mitacs.ca/en/programs/globalink/globalink-research-internship>

## #Things you will need for the Application and How to prepare for it

- 1) Once you have checked the eligibility, it is time to start applying.  
You can choose upto 7 projects as you like and prioritise the order.
  - (i) I generally choose the interest in project
  - (ii) The Professor's Lab (Must be an international lab for me)
  - (iii) The Professor's recent papers and citations
  - (iv) Brand of the University( QS World Ranking )
- 2) You will have to prepare a research CV as well detailing your previous research experience and projects. (They mostly luk for Institute Name and Brand; your CPI/CGPA; Research Papers; Previous Experience; LORs)  
No one know the exact distribution of this as it varies from professor to professor. LOR = the recommendation letter you will need to submit for the programme (It show that you worked/studied a course under a professor and his experience with you is very valuable)
- 3) Unlike other programmes, you don't have a Statement of Purpose letter for this program. You have Questions where you have to mention about your Skills and Achievements. I'm attaching an example of how I somehow filled in my details

Skill	Achievement
	- Amgen Scholars Programme 2022 - Kyoto University [Supervisor: SATO Hirofumi(Professor, Molecular Department of Engineering)] - Research Internship Summer 2022 - Poster Presentation at Asia Singapore Symposium - Poster Presentation at Kyoto Symposium - Cleared JEE Advanced and Mains(One of the Toughest Exams in India) - Securing a position in the top 1 percentile of the ~1.2 million students appearing for the exam - Exploratory project presentation at Department of Chemistry, IIT-BHU - Department Rank 1 (till 3rd semester, CPI = 9.67/10) - 5-star rated C++ coder on hackerrank - A* grade in classical thermodynamics

Skill	Achievement
	- Research Interest: Computational/Theoretical Chemistry, Quantum Chemistry, Machine Learning and Bioinformatics; - Through my experience, I have become interested in molecular modelling and simulations, including ab-initio based, DFT-based and QM/MM simulations. I have also read various research papers to better my comprehension of the subjects. - Skills:- - Computational Softwares - Gaussian 16W, GaussView 09, GAMESS, Macromolpjt, Gromacs, VASP, UNIX-Based Systems, Avogadro - Editors/Tools - ChemDraw,

**\*TIP: Although your CV clears pretty much everything build that very carefully, if your previous projects/experience aligns with the project you are choosing it improves your chances.**

## #Timeline

It varies slightly every year ( Or my batch was just different{Covid-19})  
But here are some good Quora answers (Am too lazy to type anymore... However there are two rounds for it so even if you don't get anything in round 1, and it's a frustrating process cause you fill the forms in around August and don't get anything until Jan/Feb next year)



**Chhandak Rick Mallick**

Research Intern at University of Toronto (2023–present) · Author has **528** answers and **196.5K** answer views · Jan 7



Mitacs Timeline for 2022–23 Batch (GRI 2023) :

22nd September 2022 — Deadline for Applying on Mitacs portal. Was Extended to 28th September

7th November — Mail from Mitacs that my application status has been updated to Candidate under Consideration. A mail came and on the portal it was showing I am a candidate under. I was eagerly waiting for an interview call because I was sure i wont get selected directly based only on my CV.

At this point, Mitacs forwards the profiles of the screened candidates to the professors under whom we have applied. Professors will now have time up to 24th November to rank the candidates.

14th November — Received a mail from a professor of University of Calgary (3rd priority) that he liked my profile and would like to take an interview via zoom. It was a non technical one, and went ok ok. He asked me about a problem and observed my approach, which i made some mistakes. I was not sure how good it went, had little hope that i would be selected under him.

24th November — Still no mails, I was the only one in College who got only one interview mail.

27th November — Mail from Mitacs that the matching platform is now closed. Now we had to wait till the second week of December for results.

7th December — It was my Control Engineering Exam morning. Got a bang in my heart when i saw tons of messages in MITACS groups....i was sure result has been out... opened my lappy.....logged in to portal and i was like omggg..... I have been selected for the Mitacs Globalink Research Internship at the University of Toronto (my 1st priority).... I was so happy and broke the news to my parents. I accepted the offer right then.