



INSEARCH 6.0

RESEARCH INTERNSHIP
BLUEBOOK

CAREER
DEVELOPMENT
CELL
IIT MADRAS

Greetings from the **Career Development Cell, IIT Madras!**

The Career Development Cell works towards providing services to help students towards preparing for their career after graduation. This is done through workshops, seminars, mock sessions, resources, preparation material and much more. We cover a wide range of options after graduation including Placements, Higher studies, Management, UPSC, etc. We strive to do our best to bring you quality resources and events well in time, which you can use to achieve the best results.

As a part of our efforts, we present to you InSearch – A comprehensive bluebook on research internship opportunities abroad as well as in India, compiled by us, the Career Development Cell. The book was made by collating information about internships from smail, Office of International Relations and information collected from students on campus who have already done research internships.

This book will serve as a quick reference and guide for those looking to do a research internship. We hope our efforts in bringing this compilation to you will help you make an informed decision. Now find all the possible research internships you can apply for in one place, without having to spend hours digging up mails and searching for contacts. Also get a quick glance at the information of the internship, so that you can quickly assess which internships are suited for you and which are not, instead of researching for hours.

This is the sixth edition of InSearch. We hope that you will find it to your satisfaction. We aim to expand our reach every year and we welcome any feedback and suggestions in this regard.

–Team InSearch 2021-22

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1. Aalto Science Institute AScl Internship Programme

Eligibility Criteria: Positions are available in several fields of study ranging from mathematics, physics and computer science to e.g. complex systems and brain research.

Duration: The positions usually last for **twelve weeks** in the period **June to August**, which is the maximum length of AScl contract. Positions are potentially available in all schools within Aalto university. They are the schools of Science, Engineering, Chemical Engineering, Electrical Engineering, Business, and Arts, Design and Architecture. The majority of the positions are in the schools of science and engineering. The students are employed as research assistants directly by the departments and research groups, and the exact timing of the employment should be agreed upon with the hosting department.

Application schedule: For the year 2021, the applications were opened on 02/01/2021. The deadline for applications was on 31/01/2021. Interviews and the selection process was completed over the month of February. Data for the year 2022 is not available at the time of making this document.

AScl activities for internship students:

- "Get to know Finland" course; This course is offered for AScl interns in June.
- AScl seminar for interns; In August, AScl will organise a joint event for all internship students. The interns will present the scientific results of their summer work for supervisors, resident AScl academics and other students.
- Regular Friday lunch social gatherings.

Location: All positions are located on the Aalto University Otaniemi campus in Espoo, Finland. Interns must be physically in Finland during their employment.

Salary: AScl internship students will receive a salary from their hosting department. The salary is sufficient to cover living costs, for example student accommodation. The salary is determined based on experience and qualifications according to the salary system of Aalto University for student interns. Minimum internship salary is **1700 €/ month**.

Required qualifications: Internship applicants must be at least second/third year undergraduate students in a suitable field at a recognised university. The applicants must have an academically outstanding background appropriate for the proposed internship topic, and an excellent command of English.

Compulsory appendices to the application form:

1. Scanned copy of the official transcript of university records listing your completed university studies
 - a. If the transcript is in a language other than English, an authorised translation of the transcript must be submitted. You should append the translation to the same file as the copy of the official transcript.
 - b. In addition, please assemble a list of courses + descriptions of courses that will appear in the final transcript (spring courses), but are not in your current transcript. You should append the list to the same file as the copy of the official transcript.
2. Motivation letter: The motivation letter is part of the application form.
 - a. Explain why you are interested in an Aalto Science Institute intern position, and what are your personal interests in terms of research.
3. CV: A summary of your academic and work history with contact details.
 - a. A recommendation letter from a professor or equivalent from your university.
 - b. The recommendations should be written by a university professor or lecturer, namely by a person who has supervised you in either academic or employment capacity.
 - c. The recommendations must be original.
 - d. AScl will not contact or ask for the letter of recommendation from the referee by email or phone. Only in the case that the applicant is shortlisted by the supervising research group, the referee could be contacted after the deadline of the call.
4. Applications without the letter of recommendation will not be processed.
5. If you receive your recommendations in a sealed envelope or if the referee wants to send it directly to us, then please upload a note in the Saima recommendations-section that you will send the recommendation by post or email, or that the referee will send the recommendation letter directly to us (by post or email). Then, please send the recommendation (or have it sent) to the following address:

AScl coordinator, Aalto Science Institute (Y332) PO Box 11100 (street Otakaari 1 F, Espoo) FI-00076 Aalto, Finland, Europe or by Email: asci@aalto.fi (They prefer email).

Supporting documents:

- Proof of sufficient English skills: TOEFL or IELTS are recommended but not required. Alternatively, you may provide one of the following:
 - You can also send a statement from your university regarding your language skills.
 - A seminar report or something you have written as part of your studies to demonstrate your competence in written English.

Related Links:

<https://www.aalto.fi/en/aalto-science-institute/aalto-science-institute-asci-internship-programme>

2. Asian Development Bank Graduate Internship

Countries: In ADB member nation

Open to: Students enrolled in Masters or PHD programmes.

Eligibility criteria: Applicants must:

- Be enrolled in a Master's or PhD program at a school in one of the ADB member nations, both prior to and after the internship assignment
- Be engaged in academic study in a field directly related to ADB's work
- Be a national of one of ADB's members
- Not be a close relative of any ADB personnel
- Possess an excellent command of English
- Have professional experience relevant to the assignment

Application Procedure: Eligible candidates apply through the ADB Career and Employment System (ACES). ADB announces the assignments on the website and candidates choose assignments of interest.

- Candidates apply through ACES, prepare for their CVs and answer the essay questions.
 - All documents (CV and essay) are uploaded to ACES to complete the application.
 - Applications submitted after the deadline will not be considered.
 - To avoid errors in submission, applicants are advised not to wait until the last day of the application period in submitting their internship applications
- ADB evaluates applications based on: eligibility requirements, relevance of academic study and work experience; and the level of interest and motivation to contribute to development work. ADB also considers institutional representation, gender, and nationality balance in the overall intern selection process.
- Internship assignments are posted with complete information including the deadline for submission in the ADB.org site. Applicants must be able to apply at the required time indicated in the website.

Only shortlisted candidates will be contacted.

Duration of internship: Minimum of eight (8) weeks (56 days) and a maximum of 26 weeks or six (6) months

Application period:

- 1st batch: 15 July to 15 September 2021
 - On board: January 2022 onwards
- 2nd batch: 1 December 2021 to 31 January 2022
 - On board: June 2022 onwards

Stipend:

Stipend is provided to all interns according to the location of internships up to 56 calendar days. Interns are to shoulder accommodation, transportation and food expenses; as well as part of the airfare. Interns may choose to work beyond 56 calendar days in agreement with the designated supervisors, but without stipend. Exceptions to receiving stipend would be interns who fall under the special arrangement category between select schools and ADB.

Documents required:

1. CV
2. Answered essay questions

Advantages:

The internship program offers the opportunity to:

- Work in a major international development organization;
- Work collaboratively with experienced professionals from over 50 different countries;
- Gain a deeper understanding of development finance and the impact of the work ADB does;
- Contribute to ADB's business through research outputs.

Scholarships available:

- Applicants should indicate to the academic institution that they are applying for admission and that they would like to be considered for the ADB–JSP Scholarship. The completed institution application form and required documentation, including the ADB–JSP application sheet form, should be submitted to the academic institution. Applicants must ensure that they submit accurate and complete documentation. Failure to do so may result in an application not being processed or to an award being 10 terminated if documentation or information provided is later determined to be false. Applicants are required to submit their latest Income tax return or certification of their annual salary/monthly salary, whichever is available. They should also submit a certification of family income (parent's income).
- Applications for scholarships should be sent at least six months prior to the planned time that you wish to commence studies

Related Links:

<https://www.adb.org/site/careers/japan-scholarship-program/procedures-applying>

<https://www.adb.org/site/careers/internship-program>

3. Caltech Summer Undergraduate Research Fellowships

Country: USA

University: California Institute of Technology

Open to: All departments

Eligibility criteria:

- Be a continuing undergraduate student and eligible for fall term registration*
- Have a cumulative GPA of at least 2.5/4.0
- Complete the second semester or third quarter at your college or university
- Not be under any academic or disciplinary sanction

**Students need to be matriculated in a degree-granting undergraduate program. High school students who are co-enrolled in college courses are not eligible.*

Period of Intern: 10 weeks during the summer

Before Applying: Students must identify and contact a mentor before submitting the application. The mentor supports your application, helps you to develop and define a research project, and assists you in the writing of the research proposal. This early interaction is a very important part of the application process. Visiting (non-Caltech) students usually have to accomplish this discussion via email, phone, or Skype. Please refer to the [Finding a Mentor](#) page and [Tips for Meeting with a Potential Mentor](#) for additional information.

Deadlines: For the year 2021. SURF applications are due on March 15. Main interview is usually in March. Results were announced on April 22. Data for 2022 was not available at the time of making of this document.

What the stipend covers: Fellows receive a \$6,620 award for the ten-week period. The cost of housing is not part of the SURF award.

Documents required: The application contains:

- An online application.
- A proposal written by the student (It should be as technical and specific as you can make it as it will be read by people in the field. It must outline what you plan to do, and why it will be useful).
- Confidential letters of recommendation: Students must submit three confidential letters from faculty (at least two in the relevant discipline).
- A transcript.
- Health Insurance (later stage - after selection).

The applicant's mentor will be contacted for a confidential evaluation after the application is submitted.

Scholarships available: The intern stipend mostly covers necessary expenses.

Advantages: An opportunity not to be missed considering you get to stay at one of the most beautiful cities in the world. Stipend amount is good. Opportunity to enhance self-esteem and self-confidence. Will provide an exposure to global teaching and research practices. Also, there are various social and cultural activities, weekly small student-faculty dinners and special field trips.

Related Links:

<https://sfp.caltech.edu/programs/surf>

4. Carnegie Mellon's Robotics Institute Summer Scholars Programme (RISS)

Duration: 11-week summer (June 1 to mid-August) undergraduate research program.

Eligibility Criteria:

- A strong academic record (for example a 3.5 or higher on a 4.0 GPA scale)
- One or more research experiences at their home institution or with industry
- Relevant programming (e. C; C++) or other experience
- One or more years of college or university
- An engaging and meaningful statement of purpose with clear goals
- Particular Robotics Institute labs or areas of interest
- Strong letters of recommendation from academic advisors or faculty members

Important Dates: Applications open on November 1st. Virtual information sessions will be held in November, December, and January. Dates will be announced the first week of November. Applications are accepted through January 15 at 12 noon PM EST. RISS 2022 Program runs from June 1 to August 5

Application Process:

The RISS application includes the following pieces:

- Resume
- Transcripts
- Recommendations (with overall GPA and major GPA)
- Statement of purpose

Please note that documents will need to be saved as a Microsoft Word Document or PDF in order to be uploaded to the application website.

Funding and scholarship opportunities:

Scholarship guidelines, criteria, and funding amounts are sponsor specific. Funding normally covers living expenses and transportation. RISS is a tuition-free program. Key funding partners include the U.S. National Science Foundation (NSF), the Federation of Indian Chambers of Commerce and Industry (FICCI), and other external partners.

More details and criteria can be found below.

- United States National Science Foundation (NSF) Research Experiences for Undergraduates (REU) Scholarships (an average of ten per cohort)

- Federation of Indian Chambers of Commerce and Industry (FICCI) (an average of five per cohort)
- CMU Robotics Institute direct financial support (an average of fifteen per cohort)
- Women in Transportation Fellowship (an average of one per cohort)
- Some scholars receive funding through external partnerships and scholarships from their home country or university.

NSF REU Scholarship Eligibility Criteria:

- US Citizen, US National, or US Permanent Resident (NSF requirement)
- Completion of at least sophomore year
- Must still be an undergraduate during the semester following the RISS program
- GPA of 3.0 or above

FICCI Scholarship Eligibility Criteria:

- Indian Citizen
- Completion of at least sophomore year

Related links:

<https://riss.ri.cmu.edu/faqs/>

<https://riss.ri.cmu.edu/scholarships/>

5. Charpak Lab (Charpak Research Internship Programme)

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Country: France

Universities: Any economics, engineering and natural science institute in France

Open to: Indian students enrolled in an Indian institution at the Bachelor's or Master's levels, planning to undertake a training / research project at a French laboratory or institution

Eligibility criteria:

The applicant must:

- Be an Indian national residing in India at the time of application
- Not be more than 30 years old at the time of application
- Be currently enrolled in an Indian institution of higher learning at Bachelor's/Master's level
- Be in possession of an admission/acceptance letter from a French laboratory or institution where the research internship/project will be carried out.
- Duration of the research internship/project must not be less than 1 month and must not exceed 2 months. If the duration exceeds 2 months, the awardees will have to cover the expenses for the rest of the duration by themselves.

Period of Intern: The duration of the internship must not be less than 2 months and must not exceed 3 months. It is during May-July. (Tentative)

Application Procedure: The students must submit their application on the online scholarship portal <http://ifi.scholarship.ifindia.in/>.

The application will be selected on the basis of academic excellence as well as the consistency and quality of the candidate's statement of purpose. There is no CGPA/ Percentage cut off for the scholarship. Knowledge of French language will be an asset but it is not mandatory.

Note: Applicants will have to approach a laboratory on their own, as per their research interest before applying for the scholarship.

Timeline: (Based on 2021 data; Data for 2022 was not available during the designing of InSearch 6.0)

- Start Date of the application: Tuesday, 15 December 2020
- End Date of the application: Wednesday, 17 February 2021
- Result declaration: Third week of March 2021

What the scholarship covers:

1. Student visa fee waiver
2. Monthly stipend for maximum 3 months (May to July) provided by the Embassy of France in India:
 - a) 800 euros (students interning at host institutions/laboratories situated in Paris)
 - b) 650 euros (students interning at host institutions/laboratories situated outside Paris)
3. Medical insurance coverage
4. Assistance in finding affordable student accommodation

Documents required:

1. Scanned copy of the first page of your passport (with photo and expiry date). If you will be getting your passport after the deadline, please attach passport application proof.
2. Your full Curriculum Vitae (maximum 2 pages).
3. Scanned copy of your admission/acceptance letter from the French higher education institution / laboratory. If you have not received it before the deadline, attach an email correspondence to show that you are in the process of getting the acceptance letter from them.
4. Attested (by a gazetted officer or the Head of the institute where you studied/are studying) scanned copies of mark sheets of Higher Secondary School (XII), Bachelor's and Master's degrees (including those of completed semesters of the ongoing degree)
5. French language certificate (DELF/DALF or from any recognized university or Xth marks card if French was your second language)
6. NOC from your Indian institution – it should mention that you are a student there, and are selected for the internship and that your Indian institution has no objection to your internship. The name of the French institution needs to be mentioned.
7. XII Marksheet and degree
8. University Marksheet and degree (Upload your Mark Sheets of your current program i.e your Semester Mark Sheets and for Students pursuing Master's, upload your Bachelor's Degree and Mark Sheets as well)
9. Document of employment / internship record.
10. Recommendation letter from the university (not mandatory)

Related Links:

<https://www.inde.campusfrance.org/charpak-lab-scholarship>

6. Columbia Business School Summer Research Internship

Currently, the program is operating remotely due to the pandemic.

Country: United States of America

University: Columbia Business School, New York, USA

Open to: Undergraduate students in their second or third year and first year Masters students. Exceptional Students from other classes are considered on a case-by-case basis. This is a multi-disciplinary program and candidates from all backgrounds, including business, statistics, mathematics, engineering, computer science, the physical sciences, and the social and behavioral sciences are encouraged to apply.

Eligibility:

They are especially interested in applicants who are underrepresented minorities. Prospective interns should demonstrate an enthusiasm for research and intellectual curiosity. They are expected to have excellent communication skills, basic knowledge of statistics and/or econometrics, and familiarity with statistical and computational software packages (e.g., Matlab, R, STATA, SPSS) and scripting languages such as Python or R. Candidates interested in working with behavioral researchers should have experience conducting experiments and coding data

Period of Internship: The program runs from May – July or August. Dates are confirmed after the release of applications.

Application Procedure: Applications are to be filled online. Applications will be reviewed on a rolling basis. The application process is highly competitive, only qualified candidates will be contacted for an interview.

Deadlines: The application process starts in December and closes in March. The results are announced soon after.

Scholarships/Stipend: On campus housing and a stipend will be provided.

Email: summerintern@gsb.columbia.edu

Related Links:

<https://academics.gsb.columbia.edu/predoctoral-research/summer-research-internship>

<https://econ.columbia.edu/columbia-business-school-summer-research-internship-program/>

7. DAAD WISE (Working Internships in Science and Engineering)

Country: Germany

Universities: Public or state-recognised higher education institutions and non-university research institutes in Germany

Eligibility criteria:

Students who wish to apply must meet the following criteria:

1. They need to belong to one of the selected Indian higher education institutions (list of institutions). The list of selected institutions is influenced by, but not limited to, the following factors: AICTE approval, NAAC accreditation, MHRD evaluation, INI (Institute of National Importance) and Institutions of Eminence status.
2. They should be enrolled in programmes which can be classified under the broad fields of engineering, mathematics and natural sciences.
3. They should be in the 5th or 6th academic semester of a 4-year Bachelor's programme or in their 5th, 6th, 7th or 8th academic semester of a 5-year integrated or dual degree (Bachelor-Master) programme.
4. They should not be former recipients of the WISE scholarship.

Note:

- German language skills are not mandatory
- Very good proficiency of the English language is expected.

Period of Intern: 2 to 3 months in the period between May and August. Internships of less than 60 days and more than 90 days cannot be supported under the scheme of this programme.

Application Procedure:

One should start mailing from September since later on many good colleges would have already taken interns and DAAD have their deadline around November.

The applicant has to independently search for a German professor / guide, under which he/she could carry out his/her research. The application procedure occurs online through the DAAD portal. You will be offered a DAAD scholarship on fulfilling following requirements.

1. CGPA > 8.5 at the time of application.
2. Acceptance/invitation letter from a German professor.

He/she is also required to send one copy of the "Application summary" (PDF file), which is generated in the DAAD portal after the online application procedure has been completed, and a reference from an Indian university teacher by post to the application address.

Deadlines:

The access to the DAAD portal opens about 6 weeks before the application deadline, which is 1st November. The results are declared by the end of January or beginning of February.

What the stipend covers:

1. A monthly scholarship of 750 Euros for undergraduate students (the monthly instalment will be calculated on a daily basis, i.e. 25 euros per day)
2. A lump sum travel subsidy of 1,050 Euros
3. Payments towards health, accident and personal liability insurance covered by DAAD
4. Participation in a meeting of DAAD scholarship-holders in Germany

Documents required:

1. Online application form
2. Full curriculum vitae
3. DAAD form ("Certificate of Enrolment") filled in by home institution as proof of current Enrolment
4. DAAD form ("No Objection Certificate") filled in and stamped by home institution
5. Invitation letter of German supervisor
5. DAAD form ("Approval Form by German Host") filled in by German supervisor
6. Recent reference from Indian university teacher which provides information about the applicant's qualifications (please find the form in the DAAD application portal)
7. University degree certificates indicating final grade(s)
8. The applicant should be in possession of a valid passport. The name on the application form should be identical with the one in the passport.

Scholarships available: It is not possible to draw funding from other German scholarship-awarding organisations or from other German public authorities simultaneously with a DAAD scholarship.

Advantages: The application process is smooth. It is an awesome experience on the academic as well as social front. You get great cultural exposure and get to learn a lot. Apart from the technical skills, knowledge and expertise you gain from working with a German supervisor, it gives you a chance to travel around Europe. The funding provided is good but may not be sufficient. It may be a little tight on money, but it is definitely worth going.

Related Links:

<https://www2.daad.de/deutschland/stipendium/datenbank/en/21148-scholarship-database>

<https://www.daad.in/en/>

8. DESY Summer Student Programme 2021

Information for the upcoming year has not been updated at the time of making InSearch. The following information is based on the previous year's application process

Country: Germany

Location: Hamburg and Zeuthen (near Berlin) laboratory sites.

Open to: Undergraduate students in physics, related natural science disciplines or computing

Eligibility criteria:

1. Applicants should have completed, by the summer of 2021, at least three years of full-time studies at university level in physics, related natural science disciplines or computing. Please take note that the large majority of projects offered are for physics students.
2. The main target audiences are students who in summer 2021 are at the following two stages:
 - a. They are about to obtain their Bachelor degree
 - b. They have a Bachelor degree and are within their Master degree studies.
3. Applicants who already obtained a master-degree or will obtain it by summer 2021 are not accepted.
4. Applicants should not have previously been at DESY as a summer student

Period of intern: Typically from mid-July to early September

Application procedure: *Information regarding the same will be available in the following link by mid-November:*

<https://summerstudents.desy.de/>

Documents required: *Information regarding the same will be available in the following link by mid-November:*

<https://summerstudents.desy.de/>

Important Dates: Online application will be available in early 2022.

Related Links:

<https://summerstudents.desy.de/>

9. École polytechnique fédérale de Lausanne (EPFL) Summer Programme

Location: Lausanne, Switzerland

Eligibility:

- Students enrolled in BSc, BTech, MSc, MTech, or equivalent programmes in Computer Science, Computer Engineering, Telecommunications, or Electrical Engineering. PhD students are not eligible.
- At the time of application, applicants must be enrolled in the 2nd year Bachelor or above (therefore, all applicants must have successfully completed at least their 1st year of the Bachelor's programme).

Period of Intern: 2 to 3 months (possibly but not necessarily including the 2nd week of July), individually agreed with the hosting lab.

What the stipend covers:

Accepted students will receive a living allowance of CHF 1,600 per month (pro rata to the actual duration) and a refund of travelling costs (2nd class train ticket or low-cost/economy airfare).

Deadline: The Sunday closest to 1st December. Applications open as late as a couple of weeks before the deadline.

Advantages:

- Highly motivating learning experience in a competitive research environment.
- Chance to learn new skills and to gain hands-on experience in their chosen field while collaborating with leading senior scientists.
- A great way to get familiar with another culture, to start building a network of connections in Switzerland, and to get prepared for a global career.

Related Links:

<https://summer.epfl.ch/>

10. Engineering Summer Education Program

The ESEP 2021 program was not held in Japan 2021 due to immigration restrictions and quarantine measures dating through March 15, 2021. The status of the 2022 program remains uncertain at the time of designing In Search 6.0

Host: University of Tokyo

Open for: All departments

Eligibility:

- Be full-time students enrolled at one of the collaborating institutions (IIT Kanpur, Kharagpur, Hyderabad, Delhi, Madras, Bombay and Indian Institute of Management Bangalore)
- Undergraduate students must have completed at least three full years in a bachelor's degree program by the beginning of the internship, and master's students must have a bachelor's degree in engineering.
- Have a strong record of academic performance

Duration: Two months (May - July)

Stipend:

- JPY 160,000 for every 31 days of internship (Maximum JPY480,000 for the whole duration of the internship)
- Participants need to attend the internship at least 63 days to be eligible for the whole stipend(JPY480,000).

The participating students should arrange travel and housing by themselves.

Payment(s) for airfare and housing shall be the responsibility of the participating students.

Application:

Applications to this program are accepted via the online application system T-cens. Create an account in the T-cens system, then fill in the application form and submit the required files online. The applicant should prepare the below files for submission through the T-cens system:

- Personal statement (Download) Select a lab which you wish to join from the pull-down list.
- Letter of recommendation issued by applicant's supervising faculty member
- Your supervisor can upload your recommendation letter directly to the T-cens system. Please be sure to ask your supervisor for the letter well in advance, and inform them about an e-mail they'll receive from T-cens, which will explain how to access the T-cens system (caution: this email might go to your supervisor's junk

- email folder). Please refer to the “how to upload a letter of recommendation” guide.
- Scanned copy of latest official academic transcript(s) (including the previous academic year); master’s students should also submit their undergraduate academic transcript(s).
- Submitted documents should be clear and readable. Illegible documents will be rejected. Screenshots of academic records will also not be accepted.

Application Deadline: (Tentative, based on previous years data) Application window starts mid November and ends in mid December. Results are announced in the beginning of March. Around 10 people are selected.

Related Links:

<http://ijep.t.u-tokyo.ac.jp/internship/>

11. ETH Student Summer Research Fellowship

Country : Switzerland

University: ETH Zürich

Open To: Students enrolled in a study programme (bachelor or master) in computer science or a closely related field (e.g., electrical engineering, mathematics, physics).

Eligibility criteria:

- Your expected graduation date in your current study programme (bachelor or master) is in the year following the fellowship or later.
- You will have completed two years of study by the start of the programme (master students naturally satisfy this condition).

Period of Intern: The duration of the fellowship is the **full two months** of July and August, during which time you must be present.

Admission process:

Your application will be evaluated on the basis of the documents provided. The last step of the application process may include an interview conducted with the shortlisted candidates.

- You are advised to begin by exploring the [faculty members in the participating hosting labs](#) and their [research topics](#).
- You will be asked in your application to indicate one or two preferred research areas. This will help the programme to coordinate optimal lab placements.

Admission Requirements:

You will be asked to fill in personal data and upload several documents:

- Your CV. Please use the [Europass format call made](#).
- Official academic transcript from your home university. Use the grading system that your university provides - the grading system on the GPA scale that you have been graded on.
- Letter of motivation/personal statement (max 1 page). Describe in your own words why you have chosen your proposed scientific area of research. Explain what you hope to accomplish by coming to ETH and how it will support your academic or professional goals and prepare you for a career in research. A good personal statement can be written in half a page and you should aim not to write more than a full A4 page.

Important Dates:

- Application Period: Beginning of November – 15 December 2021 at 12 noon (Central European Time).
- Communication of the admission decision: Applicants will be notified by e-mail by February 2022.
- Duration of the programme: The program will take place from 1 July – 31 August 2022.

Scholarships:

The amount provided covers housing- and living costs. Travel and visa expenses will be covered as well. Students can claim the travel costs against receipts at the beginning of the programme.

Related Links:

<https://inf.ethz.ch/people/faculty.html>

<https://inf.ethz.ch/research.html>

12. FY 2020 STSI Program

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Host: Hokkaido University

Eligibility:

- Students who are equivalent to either conditions of (1) - (5) as of April 2019.
 1. Students who are in their third year in Bachelor's degree program, and will continue in Bachelor's program in Jan.2020.
 2. Students who [will] have acquired a Bachelor's degree, and will enter the Master program in Jan 2020.
 3. Students who are in the Master program and will continuously be in the Master program in Jan 2020.
 4. Students who [will] have acquired a Masters' degree and will enter a PhD program in Jan 2020.
 5. Students who are in the PhD program and not in the final year.
- Students who have more than a 2.30/3.00 GPA of the last one year.

Documents to submit:

- FY2018 STSI Application Form (Form 1)
- Transcript of last one year (Translated in English)
- Passport copy
- Certificate of Enrollment from home university
- Curriculum Vitae (Form attached)

**Application without passport copy will not be accepted.*

**Additional documents may be requested later.*

Application deadline: December

Covered conditions of stay: Round trip air tickets, Accommodation, Scholarship of ¥80,000/31 days

Program Details:

The STSI Program is the co-educational program by Hokkaido University and three prestigious IITs (Hyderabad, Bombay and Madras). 18 students are selected (6 students from each IIT).

1. 9 students (3 students from each IIT) for Team Member Program:
 - a. Three-week internship program mainly targeting undergraduate students.
 - b. The students will engage in the program as a team member.
2. 9 students (3 students from each IIT) for Team Leader Program:
 - a. One semester/term internship program targeting graduate students.
 - b. The students will engage in the program as a team leader.

Related Links:

<https://eprogram.eng.hokudai.ac.jp/office/iao/stsi-en/>

<https://eprogram.eng.hokudai.ac.jp/office/iao/stsi-en/recruitment/>

<http://labs.eng.hokudai.ac.jp/office/iao/stsi-en/recruitment/>

<https://ge.iitm.ac.in/>

13. Future Research Talent Awards

Country: Australia

University: Australian National University

Open to: Students whose degree focuses on one of the following disciplines -Mathematical Sciences, Physical Sciences, Chemical Sciences, Earth Sciences, Environmental Sciences, Biological Sciences, Agricultural Sciences, Information and Computing Sciences, Technology, Medical and Health Sciences, Psychology and Cognitive Sciences

Eligibility:

- To be eligible for an FRT award, the candidate must:
- Be a citizen of India residing in India;
- Be able to demonstrate a high level of academic ability and research potential;
- Be enrolled in a program at a collaborating institution in India which includes a research component;
- Be nominated for award consideration by a collaborating Indian institution specified by the ANU Colleges of Science, Health & Medicine;
- Be seeking to undertake a research project in one of the specific fields of research proposed by the ANU Colleges of Science, Health & Medicine, Engineering & Computer Science; and, have not previously received an FRT award from the ANU Colleges of Science, Health & Medicine, Engineering & Computer Science.

Period of intern: 10-12 weeks

Application procedure: Students can apply online through the following portal:

<https://science.anu.edu.au/future-research-talent-scholarship-application-india>

Deadlines:

Application begins: From Early September

Application closes: Late October

Successful FRT award recipients will be notified by 31 December.

Stipend: The value of each FRT award is A\$6000. It may be allocated towards costs associated with, but not limited to: return airfare, visa (including any associated medical expenses), travel insurance, accommodation, and general living expenses. The management of award funds is the responsibility of the recipient.

14. Global Internship Program at Indo Euro Synchronization

Location: (Virtual)

Eligibility: Students of B.Tech and M.Tech in the fields of ECE, EEE, EIE, Mechanical, Mechatronics and Automobile.

Period of Internship: 4 weeks

Advantages:

- Chance to explore and understand European Automotive Markets.
- Opportunity to introduce himself / herself at the world's largest automotive expo and build up priceless contacts.
- Seminars provide the best opportunity to interact with guest lecturers and extract European automotive management expert knowledge.

Related Links:

<https://www.indoeurosync.com/GIP.html>

For more information, please contact consult@indoeurosync.com

15. HKUST International Internship Program

Country: Hong Kong (China)

University: Hong Kong University of Science and Technology

Open to: Chemical, Biological Sciences, Biological Engineering mostly. For other departments it depends if you get a professor at the host university to allow you to work under him.

Eligibility criteria: Applicants applying to be an international intern at HKUST should:

- Be registered as an undergraduate senior year student or research postgraduate student at a recognized tertiary institution outside Hong Kong
- Have an educational background deemed satisfactory by the host department at HKUST which is willing to admit him/her as an international intern
- Have gained an approval from the home institution to register at HKUST as an internship student.

Students admitted as international interns are required to take a one-credit research project course and the course fee of HK\$1,754/credit will be paid by the student.

Period of Intern: Minimum period of 2 months to a maximum of 6 months

Application Procedure: Applicants are advised to consult the relevant department / program office and seek a research supervisor from amongst the HKUST professors concerned before submitting the application.

Deadlines: 2 months before the start of the internship

Scholarships available: Yes, around 10,000-12,000 HKD per month (subject to agreement with faculty)

Documents required:

- Application form with the HoDs permission
- Transcript
- English proficiency certificate

Related Links:

<http://www.seng.ust.hk/web/eng/thirdcat.php?samepage=yes&catid=2&subid=12&thirdid=17>

<https://join.ust.hk/admissions/visiting>

<https://pg.ust.hk/prospective-students/faq/form/send-us-a-message>

16. IITM-RWTH Aachen IGP Program for Students

Country: Germany

University: RWTH Aachen University

Open to: Undergraduate, Masters and PhD students

Eligibility Criteria: Bachelor students in the 3rd semester or higher, Master students, Doctoral candidates

Period of Internship: 2 weeks to 1 month approximately. The period of internship changes every time there is an announcement. Kindly keep up with the details communicated through S-mail.

Application Procedure: Interested students should submit the filled application form (available on OIR website), CV, letter of recommendation from IITM supervisor, official invitation letter by the RWTH faculty to the concerned person (often mentioned in the S-mail) in the OIR office, on the 2nd floor of IC & SR building. Applicants must also send a soft copy to the OIR office on oir1@wmail.iitm.ac.in / oir1.iitm@gmail.com.

Deadlines: The deadlines keep changing. Keep an eye out for notifications through S-mail.

Scholarships/Stipend: This program is fully funded by UGC-DAAD. The funding covers airfare, VISA, insurance and stay. The funding varies depending on the duration of stay and the level of education of the applicant. It ranges between Rs. 60,000 to Rs. 1,91,000 for students. One can also apply for a DAAD scholarship.

Advantages: Promising students will be introduced to research work by means of structured short-term research internships at the respective collaborator's laboratories. The visits will serve to develop, plan and kick off new collaborative research projects.

Related Links: <https://oir.iitm.ac.in/>

17. Indo-US Genome Engineering Technology Initiative Program

The program for 2021 had been on hold due to COVID. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Country: USA

University: Any premier US university

Open to: PhD students from the Department of Biotechnology

Eligibility Criteria:

- Indian citizens currently pursuing Ph.D. on a full-time basis in various forefront disciplines of biotechnology
- It is mandatory that the theme of the applicant's research work should have an interface with Genome Engineering/Editing Technology
- Upto 5 interns will be awarded every year

Period Of Internship: 6 months

Application Procedure: Application should be submitted using our Online Application Portal by September, web link provided on IUSSTF website www.iusstf.org along with the following documents:

- Acceptance Letter/ Certificate from host institute in the United States, as per the format indicated
- Two recommendation letters from Referees
- No-Objection Certificate, as per the format indicated
- Current Ph.D. degree transcript/ Latest marks sheet
- CV of the U.S. Host (not more than 3 pages)
- CV of the applicant with current photo (not more than 3 pages)
- Proof of DoB (Scan copy of the supporting document, e.g. Birth certificate/ 10th Class certificate/ passport)

Deadlines: Submission of application- Late-September

Scholarship / Stipend:

1. Monthly stipend of \$2,500 per month
2. Return air fare
3. Health insurance of up to \$500
4. Contingency of up to \$1,000

Advantages:

- Provide opportunity to best and brightest Indian students and scientists to gain exposure and access to world class research facilities in leading US institutions;
- Promote research and capacity building in the frontline area of Genome Engineering/Editing Technology;
- Encourage and motivate outstanding students to take up research as a career path;
- Pave the way for the next generation of scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

Related Links:

<https://www.iussf.org/program/genome-engineeringediting-technology-initiative-program>

https://www.iussf.org/assets/pdf/Guidelines_Internship.pdf

18. Institute of Chemical Technology Summer Research Internship

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Country: India

University: Department of Chemical Engineering, Institute of Chemical Technology

Open to: Any student studying in the third year from a UGC/AICTE recognized chemical engineering program in India may apply

Eligibility:

- Only undergraduate students pursuing a Bachelor's degree in Chemical/ Petrochemical/ Petroleum Engineering and who will be completing 6th semester (third year/ pre-final year) by May 2020 are eligible to apply to this program. Applications received from PG students/ second year/ final year non-ICT students will NOT be considered.
- Maximum students we can accommodate is limited to 20 (Non-ICT/ external) and 10 (ICT/ internal).
- The student selection will be purely on the basis of their merit (CGPA/ % Marks till 5th semester and based on producing a documentary proof of their mark-sheets/ grade cards) and the willingness to work without any financial support.

Period of Internship: 6 weeks. The internships generally start by mid May and continue till June.

Application Procedure: Students may apply by registering on the following link:

<https://sites.google.com/site/internshipsatict/register>

Following this, write an email to summertrainee@ictmumbai.edu.in on a date specified in the official advertisement (check the Deadlines below); with "Summer Internship Application 2020" in the subject heading.

The email should contain:

- Copy of student's resume (with class rank and semester-wise CGPA/percentage)
- Copies of mark-sheets/ grade cards till 5th semester
- Letter of recommendation from the Head of the department

Once selected, students are advised to contact the research supervisor and understand the work ethics in the laboratory. Every selected student should understand and make themselves familiar with the safety protocols. ICT/ Any faculty in the Institute/ coordinator WILL NOT be held responsible for any accidents.

Please visit the Summer Internship Website (<https://sites.google.com/site/internshipsatict/home>). All future announcements will be made available on the same website.

Deadlines: The deadlines fall in March, tentatively. Kindly keep checking the official website regularly for announcements.

Scholarships/Stipends: The stipend depends on the availability of funds. Last year, interns received Rs. 4000 for their stay at the institute. Hostel accommodation may be available based on vacancies.

Advantages: The Department of Chemical Engineering at the Institute of Chemical Technology, Mumbai (formerly UDCT, Mumbai) is a premier centre for educational and research excellence in India. It provides an environment and resources for research and learning that exist in only a handful of other institutions in the country

Related Links:

<https://sites.google.com/site/summerinternshipsict/apply-for-internships>

<https://sites.google.com/site/internshipsatict/home>

<http://www.ictmumbai.edu.in/>

19. International Research Internship Program (IRIP)

Country: USA

Institute: Cornell University, New York

Eligibility Criteria:

- Research students must be sponsored by a faculty member who must obtain approval in advance from the faculty member's department chair and from either the dean of that faculty member's college or the dean's designee. Faculty members or their department's administrative contact must then submit an IRIP Approval Form.
- This arrangement applies only to students attending Cornell for a limited period, i.e., twelve months or fewer. In addition, this period should fall within regular semester/session terms.
- The student must meet the minimum full-time requirements for an academic term (12 credits during a fall or spring term, 6 credits for the summer term).

Application Procedure:

The IRIP Approval Form must be completed by the sponsoring faculty member or the related department's administrative contact, sent to the department chair and appropriate college dean or dean's designee for approval, and then, once all paperwork is completed, submitted to the SCE Registrar in B20 Day Hall.

- The department's administrative contact is responsible for supplying SCE with all registration information, including visa information as outlined on the IRIP Approval form.
- The student must complete and submit the I-20 Request Form and SCE Registration form to the department administrative office.
- Once the student has been approved for participation in the program and submitted a registration form, SCE will activate and enroll the student with the Special Program Plan of Non-Degree for Credit: INTINTERN (Note: The appropriate department/college should set up the class prior to this step)

Related Links:

<https://international.globallearning.cornell.edu/host-departments/international-research-intern-program>

20. IUSSTF - Viterbi Program

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Location: USA

University: University of Southern California

Open for: Electrical Engineering, Electronics & Communication Engineering, Computer Sciences

Eligibility:

- Indian students currently pursuing a Bachelors or Masters degree at recognized institutions of higher education in India.
- Applicants should have a GPA of 8.5 (or higher) or a percentage equivalent of 80% (or higher).
- Only those candidates who are enrolled in 3rd year of a four-year program and 3rd and 4th year students in a five-year program are eligible to apply.

Period of Intern: 8 weeks

Documents Required:

1. Candidates are encouraged to fill out the online application and upload scanned copies of the latest mark sheet/transcript, No-Objection Certificate & 2 Letters of Recommendation. Supporting documents should be provided strictly according to the check-list mentioned in the application form. Please DO NOT attach Class X/Class XII marksheets.
2. Applications in subject-areas other than those specified will not be considered.

Application Procedure:

Applications can be submitted through the Online Portal given here: <http://49.50.66.168/visitation-program-for-indian-applicants.aspx>

Deadline:

Usually, early to mid-November. For the last year, the deadline has been 15th January 2021.

Scholarships:

Includes both stipend and airfare. These are fully funded internships. You will get a stipend enough to cover your airfare, accommodation, Visa and other expenses.

Advantages:

Promotes research and capacity building in frontline areas of engineering and technology and provides an opportunity to the best and brightest Indian students to gain exposure and access to world class research facilities in the Viterbi School.

Related Links:

http://49.50.81.218/Program_Details.aspx?ProgramFor=3#tab_6

<https://www.iusstf.org/program/iusstf-viterbi-program>

21. Japan Advanced Institute Of Science And Technology

Location: Japan

Students who wish to acquire practical research development ability in an industry can select internships (Science and Technology Internship) at companies in place of a minor research project.

Course title	Credits	Duration
Industrial Internship a (JAIST)	1	One week or more and less than two weeks
Industrial Internship b (JAIST)	2	More than 2 weeks
Research Internship a (JAIST)	1	One week or more and less than two weeks
Research Internship b (JAIST)	2	More than 2 weeks

Industrial Internship:

1. Students go through work experience at domestic or foreign private companies
2. Students receive research guidance at domestic or foreign private companies

Research Internship:

1. Students go through work experience at domestic or foreign public research institutions
2. Students receive research guidance at domestic or foreign public research institutions

Related links: <https://www.jaist.ac.jp/english/education/courses/ts-internship.html>

22. Khorana Scholars Program

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Country: USA

Universities: University of Wisconsin-Madison and partner universities, list available at <http://www.winstepforward.org/>

Open to: Biology, biochemistry, biotechnology and allied areas.

Eligibility criteria:

- Students (preferably pre-final year)doing B.Tech, M.Tech and B.Sc./M.Sc. in recognized institutions of higher education in India in Biotechnology and allied areas are eligible to apply.
- Students pursuing Ph.D/Final year students are **not** eligible to apply.
- The applicant should have a Grade Point Average (GPA) of 8.0 or higher.
- Only those candidates (preferably pre-final year) who shall be completing their degree programs on or after May 2021 are eligible to apply.

Period of Intern: May to July (10 weeks)

Application Procedure: Applications should be submitted using the Online Application Portal for Visitation Programs. Hard copies and electronic copies of the application forms will **not** be accepted. Hard copies of the application form/supporting documents are not required.

Deadlines: Tentatively in the last week of October

What the stipend covers: The program will pay all expenses for Indian students to travel to the United States to engage in a hands-on research project. This includes a stipend, airfare and health insurance. Accommodation will be arranged when finalists are selected. Students may be responsible for covering minor administrative costs.

Documents required:

Candidates are encouraged to fill out the online application and upload scanned copies of:

1. Latest mark sheet/transcript
2. No-Objection Certificate
3. Two Letters of Recommendation.

Supporting documents should be provided strictly according to the check-list mentioned in the application form.

Scholarships available: The program mostly covers necessary expenses (Stipend, Airfare, Health Insurance).

Advantages: This is an excellent opportunity to apply lab skills in an independent environment. At the end of the program, students will present their projects at a symposium. They will have the opportunity to become part of major research programs with international teams of scientists.

Related Links:

<https://www.winstepforward.org/apply/khorana-program-application-guidelines/>

<https://www.iusstf.org/program/khorana-program-for-scholars>

23. LIGO-IndIGO Summer Students Program

Information for the upcoming year has not been updated at the time of making InSearch. The following information is based on the previous year's application process

Location: Caltech campus in Pasadena, California or at the LIGO Observatory sites in Washington or Louisiana

University/Institute: Caltech/LIGO laboratory (supported by the US National Science Foundation)

Open for: Projects that are mainly related to experimental physics, and may contain some aspects of mechanical, electrical, control-system, and software engineering.

Eligibility criteria:

- Must be a continuing undergraduate student
- Cumulative GPA of at least 2.5/4.0
- Complete a full year of undergraduate education at your college or university, including at least one full year course in undergraduate physics
- Must not be under any disciplinary sanction

Period of intern: 10 weeks between May and July for Indian applicants

Application Procedure: Applicants are required to apply online. In the application, you will enter basic information about yourself, including contact information, citizenship and demographic information, education, and work experience. Then, there are text boxes where you will list your prior research experience, research interests, and a "Your place in LIGO" essay. You must also upload the required documents. Students can avail S. N. Bose scholarship for this internship.

Deadlines: Application process usually starts in November and ends by early February. Results are usually declared by March.

However for 2021, the application deadline was January 10.

What the stipend covers: Students in the LIGO Summer program receive a stipend. In 2019, the stipend was \$6,350 for 10 weeks. The stipend is taxable. Travel expenses to and from your work site (Caltech, LHO or LLO) are covered by the program; as are expenses associated with a field trip to LHO or LLO during the summer.

Documents Required:

1. Two letters of recommendation.
2. One or more (if appropriate) transcripts of the courses you have taken at the college level.

Advantages: The LIGO Project is an NSF-supported endeavor to design, build, and operate an astrophysical observatory for the detection and study of gravitational radiation. This gives a great practical experience for those interested in this field of research.

Related Links:

https://labcit.ligo.caltech.edu/LIGO_web/students/SURF/index.shtml

<http://jobs.gw-indigo.org/tiki-index.php?page=LIGO-IndIGO+Summer+Students+Program>

24. Max Planck Institute for Astronomy

Information for the upcoming year has not been updated at the time of making InSearch. The following information is based on the previous year's application process

Country: Germany

University: Max Planck Institute for Astronomy

Open to: Bachelor and Master students who desire to acquire hands-on experience of research and instrument development in astronomy

Eligibility Criteria:

- 3rd and 4th year bachelor and master students
- Have a significant previous research experience

Period Of Internship: 2-3 months during the summer (between May and September)

Application Procedure: Candidates should send the following documents to this address (internship_(at)_mpia.de), in electronic form only (e.g. PDF, jpeg, no Word files; in one or more files)

- Curriculum vitae
- Grades
- Brief statement (up to one page) of why the applicant wishes to do an internship in astronomy, at MPIA. Please take this opportunity to explain about previous research projects (if you have done any already). Optional: indicate and explain preferred research areas, and potential supervisors, if any.
- Tentative dates of visit (optional, but strongly desirable)
- References: Please ask one to three supervisors or professors to send letter(s) of recommendation by email directly to internship_(at)_mpia.de, by the dead-line, and provide their contact information in your application

Deadlines: Application deadline: Mid-January

Scholarship/Stipend: Travel costs are supported and a salary is offered (about 1000€/month, or 820€/month net with full social benefits), as necessary

Advantages: Acquire hand-on experience of research and instrument development in astronomy

Related Links:

<https://www.mpia.de/en/careers/internships/summer>

25. Max Planck Summer Internship Program - MaxSIP

Location: Germany

Eligibility Criteria:

- Students with top grades from all countries with training in Biology, Chemistry, Bioinformatics, Biophysics, Neuroscience and related fields.
- Bachelor (second year and onwards) and master students that have already gained some research experience during their studies.
- Applicants need to be enrolled at university during the internship or have completed their degree in 2021.

Period of Intern: 10 weeks between mid June and September.

Application Procedure: After your registration, you will be able to log in and to upload your application files at the application platform. Applicants need to name and invite one referee for a letter or recommendation through the online application platform.. You will receive an automatic confirmation email, once your referee has submitted the letter of recommendation.

Deadline: The application is usually open from January and open till mid February.

Documents Required:

- Curriculum Vitae (PDF file, max. 1-2 pages)
- Transcript and degree certificate for all completed degrees if applicable.
- Temporary/provisional transcripts for degree programs, you are currently enrolled in
- Document qualifying for university studies (typically high school degree, Abitur, Matura or equivalent)
- Letter of recommendation of one referee.
- Letter of motivation (will be typed into the application form directly, no upload)
- If an applicant's academic training was not in English or German, a language certificate (such as IELTS or TOEFL) is highly recommended

What the stipend covers:

- Free student accommodation
- Stipend of approximately 800 Euro per month
- Reimbursement of travel costs to and from Martinsried, near Munich

Advantages:

The program allows you to become familiar with different scientific approaches and laboratory methods. The aim is to provide excellent students with a broad range of research experiences and knowledge to promote them early on in their career.

Relevant Links:

<https://imprs-ls.opencampus.net/en/MaxSIP>

For more information, send a mail to maxsip@neuro.mpg.de

26. MBARI Summer Internship Program

Information for the upcoming year has not been updated at the time of making InSearch. The following information is based on the previous year's application process

Country: USA

University: Monterey Bay Aquarium Research Institute

Open to: Ocean Engineering, Mechanical Engineering, Electrical Engineering

Period of Intern: June to mid August

Application Procedure: Applications can be mailed, faxed or sent directly, in addition to filling out an online application form. You must specify in the cover letter which project you are most interested in doing. Potential project areas are listed on the website. Summer interns are selected following a rigorous application procedure and merit review. Each intern will later be allotted an MBARI mentor who will supervise a specific project. **No specific Eligibility Criteria.**

Deadlines: Application window will open in mid November and close in early February. The deadline for the 2021 Internship program was 22nd February, 2021. Selected candidates will be contacted by early March.

What the stipend covers: Approximately \$600/week for 10 weeks; partial travel support may be available. Housing costs are not included; however, MBARI will try to help arrange shared housing for all interested interns.

Documents required: Applicants must submit

1. A cover letter (which includes a statement of your specific research interests and/or goals, complete contact information, and relevant coursework and grades received)
2. Curriculum vitae
3. Three letters of recommendation

Advantages: With state-of-the-art facilities and equipment that includes research vessels, remotely operated vehicles (ROVs), and autonomous underwater vehicles (AUVs) to explore the deep ocean, MBARI's Summer Internship Program offers teachers and students unique opportunities to be involved in advanced research and development projects.

Related Links

<https://www.mbari.org/products/educational-resources/mbari-summer-internship-program/>

27. MITACS Globalink Research Internship

Country: Canada

Universities: 45 universities in Canada

Open to: All departments

Eligibility criteria:

1. Applicants should be preparing for their final year of undergraduate study i.e., have one to three semesters of coursework remaining as of September (Fall) 2022.
2. GPA requirement varies according to country, for India it is 8/10.

Period of Intern: 12 weeks

Application Procedure: Online application on the MITACS website opens in August. You have to choose between 3 and 7 projects from some predefined projects. Ensure your selections are from at least 3 different Canadian provinces. Put a lot of thought into this because it's a crucial stage. Some professors there might interview you, before the first phase of matching you to a project.

Deadlines: Application deadline is Wednesday, 22nd September, 2021 by 1 PM, Pacific Timezone.

What the stipend covers: The expenses covered are given below. Some universities however, might need you to contribute a portion of the financial cost. In that case you will be notified before a project offer is made.

1. Flight to Canada
2. Transport from airport to accommodation
3. Stipend for housing
4. Health insurance
5. Student enrollment fees upto a maximum of \$300
6. Stipend for food and incidentals

Documents required:

1. Passport valid at least until January of the next year (i.e. if you are applying for an intern in 2021, your passport should be valid till at least January 2022)
2. CV or resume detailing research experience (a template is given on the website)
3. Letter of recommendation (at least one is a must, upto two can be submitted). Follow the instructions given on the website
4. Academic transcripts (from admin)
5. Statement of Purpose (3 to 4 questions with strict word limit)
6. Your English proficiency exam, its results, and a copy of the exam certificate (if applicable, not necessary)

Scholarships available: The intern stipend mostly covers necessary expenses.

Advantages: The stipend is good. Research facilities are world-class. There are many great grad schools in Canada which you can check out. You get to meet peers from all over the world. There's also a lot of natural beauty which you can explore. Those who are interested in returning to Canada for graduate studies have the added benefit of being eligible for the Globalink Graduate Fellowship.

Related Links:

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

<https://globalink.mitacs.ca/#/student/application/welcome>

28. NIGINTERN

Institute: National Institute of Genetics, Sokenkai University

Country: Japan

Eligibility Criteria: Applicants must be interested in life sciences and be in the pre final-year at the time of application, i.e. in the 3rd year of a 4-year bachelor program, in the 2nd year of a 3-year bachelor program, in the 4th year of a 5-year program, in the 1st year of a 2-year master program, or in the 5th year of a 6-year program.

Period of Internship: 6 weeks.

Application Procedure: After the registration, log into the online application page. Applicants are requested to enter “Letter of Motivation/Self advertisement” and upload the following materials through the online application form.

- **Letter of Motivation / Self advertisement**
 - Within 500 English words
- **Curriculum Vitae**
 - In English. Includes education records starting from high school. Be sure to indicate your current academic year.
- **Scanned Academic Transcript**
 - Submit a latest undergraduate or postgraduate transcript that you can obtain. Please scan it and then upload. In case your Academic Transcript is prepared in languages other than English, attach an English or a Japanese translation to each document. Please combine them into a single file when you upload multiple documents by online application system.
- **Two recommendation letters of your teachers**
 - Must be entered by your recommenders through the recommender page of the online application system.

What the stipend covers:

NIG will cover costs of airfare, local transportation fares between airports in Japan and NIG, lodging in the institute's guesthouse, and travel insurance during the program. Allowance for meals (ca. 1,500JPY/day, subject to change) will also be provided.

Related Links:

<https://www.nig.ac.jp/jimu/soken/intern/2021/index.html>

29.NITI Aayog Research Internship, Government of India

Open for: All departments

Eligibility: Bonafide students of any recognized University/ Institution in India or abroad, fulfilling following conditions are eligible to apply for the internship:

1. Under-graduate students, having completed/appeared in the term end exams of second year/4th semester of the bachelor degree course and secured not less than 85% or equivalent marks in 12th class.
2. Graduate students having completed/ appeared in the term end exams of first year/2nd semester of their post graduate programme or pursuing research/PhD and secured not less than 70% or equivalent marks in Graduation.
3. The students who have appeared in the final exam or just completed Graduation/PG and waiting for admission for higher studies may also be considered for an internship provided that
 - a. They have secured 70% or more cumulative marks in all the years/ semesters of their graduation/ post-graduation till the date of application.
 - b. The period between the month of declaration of result of final exam and the desired month of internship should not exceed six months e.g. if the result is declared in the month of June then he/she can apply for the internship beginning till the month of December.

Period of intern: At least 6 weeks and maximum 6 months.

Application Procedure:

1. Interested applicants may apply online only in the address link to be indicated in the website of NITI Aayog during 1st to 10th of every month. For example if any applicant wants to join the internship programme which is commencing in the month of Apr-19 then he/she can apply from the month of Oct- 18 to Feb- 18. Application will be valid for the desired month.
2. Applicants must also clearly indicate the area of interest.
3. Candidates can apply for an internship only once during a financial year.
4. The applicants who do not fulfill the eligibility conditions, their applications shall be rejected by the system automatically.
5. The selected applicant has to produce original mark sheets and NOC from the college/institution at the time of joining, failing which his/her candidature shall be cancelled.

Deadlines: Open throughout the year but the last date of submission will be between 1st and 10th of every month. Application can only be made six months in advance but no later than 2 months before the month in which internship is desired.

What the stipend covers: Internship is on an unpaid basis.

Advantages: Interns shall be exposed to various Verticals/Divisions/Units within NITI Aayog and would be expected to supplement the process of analysis within NITI Aayog through empirical collection and collation of in-house and other information. The exposure to the functioning of the Indian Government may be an add-on in furthering their future interests.

Related Links:

<http://niti.gov.in/writereaddata/files/internship/NITI-internship-scheme- plus.pdf>

<http://niti.gov.in/career/internship>

https://www.niti.gov.in/sites/default/files/2018-12/NITI_Internship_Guidelines.pdf

30. Nagaoka Institute of Technology (Jitsumu Kunren)

Information for the upcoming year has not been updated at the time of making InSearch.

Location: Japan

Eligibility:

- Mechanical Engineering, Electrical, Electronics and Information Engineering, material science & technology, civil & environmental engineering, BioEngineering, Information & Management systems engineering.
- The University requires students to participate in internships in private enterprises, government agencies, or public entities to recognize the needs of society in the field of engineering and science. The internship will also develop practical experience, originality and an understanding of the significance of learning.

Other Details:

- Fourth year students are required to spend up to five months working in private enterprises. This experience supports the research theme, their understanding of the occupation, and provides a creative approach to the future.
- Students are dispatched to private enterprises in Japan and abroad. They are also dispatched to universities abroad that are included in Academic Cooperation Agreements.

Related Links: <https://www.nagaokaut.ac.jp/e/kyoiku/jitsumu/jitsumu.html>

31. NTU-India Connect Research Internship Programme

Country: Singapore

University: Nanyang Technological University

Open to: All engineering departments

Eligibility criteria:

1. Open to undergraduate students who have not studied in NTU Singapore previously.
2. Must be in the pre-final year of study at the time of application.
3. Students must possess good academic track records.
4. Students that meet the minimum requirement with scholarships, publication and internship experiences will be given preference. Qualification Duration Eligible period
B Tech / B.Sc. (Degree) 4 years Pre-final year – End of 3rd year M Tech / M.Sc. (Master) 2 years Pre-final year – End of 1st year M + B / M.Sc. + B.Sc. 5 years Pre-final year – End of 4th year (Dual Degree)

Period of intern: Minimum 2 months (May to July) and maximum 5 months (Jan to June; Aug to Dec)

Application procedure:

- The Student must indicate 3 research titles that he / she would like to apply for and the NTU Supervisor whom he / she wishes to work with. Only research titles stated on the website (List of Research Titles and Supervisors) will be considered.
- The Academic Referee Letters (2 of such letters will be required) and Recommendation Letter are mandatory for submission of your application.
- The Student will be referred to suggested faculty for their consent and if agreed, an internship offer will be made. Students who intend to have an internship for a longer period (> 2months) must have a supervisor at the home institution and the supervisors at both institutions must come to a common understanding about the research project before the application is being considered.
- Please take note of your application number; this will serve as your reference for tracking of your application status.
- Please use Internet Explorer to submit your application.
- Students have to apply via the NTU Online Application System. Any other form of submission would not be accepted.
- All international students are required to obtain a valid TEP issued by the Ministry of Manpower (MOM) in order to participate in NTU-India Connect Research Internship Programme.

Deadlines: Application window for the summer internship starts in the beginning of November and closes at the end of December.

	Spring term	Summer Term	Fall Term
Duration	5 months	2 months	5 months
Visiting Research Programme Period*	4 January 2022 - 4 June 2022	10 May 2022 - 23 July 2022	3 August 2022 - 31 December 2022
Application Period	1 July 2021 – 31 August 2021 (by 2359 hrs +8 GMT)	1 November 2021 - 31 December 2021 (by 2359 hrs +8 GMT)	1 February 2022 - 31 March 2022 (by 2359 hrs +8 GMT)

What the stipend covers: Each grant may cover the following in full or partial:

1. One-time travel support to the extent of SGD300.
2. A double occupancy accommodation inside or outside NTU (subject to availability).
3. SGD300 per month (paid out on a monthly basis). A proportional amount will be given if the stay is less than a month.
4. Reimbursement of miscellaneous fees such as Training Employment Pass (TEP)

Application, TEP issuance & Visa fee, Matriculation Card, IT Facilities Fee, Registration Fee, University Copyright Fee and Group Hospitalisation & Surgical Insurance (GHSI) Scheme with the final financial allowance pay-out.

Documents required:

1. Two Academic Referee Letters
2. Recommendation Letter
3. Curriculum vitae
4. Motivational letter
5. Latest official transcripts (in English)
6. Soft copy of passport
7. A valid Training Employment Pass issued by the Ministry of Manpower (MOM), Singapore.

Advantages:

The NTU-India Connect Programme is a university wide research programme initiated to stimulate a culture of research for the overseas undergraduates. Participants for this programme will develop research interest, strong sense of cross-cultural intelligence, gain a network of friends and a better understanding of Singapore.

Related Links: <http://global.ntu.edu.sg/GMP/ic/Pages/default.aspx>

32. Purdue Undergraduate Research Experience (PURE)

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Country: USA

University: Purdue University

Open to: Computer Science, Chemical Engineering, Civil Engineering, Electrical Engineering and Mechanical Engineering (Departments vary from year to year)

Eligibility criteria: Open to high performing students who have completed their 3rd year. In exceptional cases, students who have completed 2nd year are also eligible.

Period of Intern: 9 weeks

Application Procedure: CV and SoP need to be submitted to the department and the respective Head of Department / group of professors who will pick 5-6 students and recommend them to Purdue. One more level of screening happens after this and around 3 students will be chosen from each department. Students are selected for projects with specific professors in participating Purdue departments based on academic record and match with research focuses.

Deadlines: Applications open in November. The shortlist will be announced in March.

What the stipend covers: There is a total allowance of US\$2500 from Purdue University for the 9 week period, intended to cover living expenses (housing, food and local transportation).

Students should arrange funds for travel to West Lafayette and visa application costs from resources provided by family and/or home institutions. The stipend does not cover these costs.

Documents required:

1. Resume or CV
2. One page statement of interest including a list of Purdue professors of interest (if known)

Advantages: Application procedure is very simple. It is a nice experience with enough allowance to explore nearby places. The research experience is very good as the professors are willing to spend a lot of time with the interns and they give projects which students are interested in. Some students feel that two months may be a bit too less for this internship.

Related Links:

<http://chennai36.iitm.ac.in/monitoring-and-fighting-pollution-from-purdue-intern-guru/>
<https://partners.purdue.edu/global-partnerships/india/pure/>

33. Research Internship for Young Academics (RIYA) Program

Country: USA

University: Ohio State University

Open to: Mechanical Engineering students .

Eligibility Criteria: Candidates must have completed three years in a recognized Aerospace or Mechanical Engineering Bachelor of Technology program or a combined bachelor's/master's degree program (in a related discipline) to be eligible.

Period Of Interns: 10 weeks (early-May to third week in July)

Application Procedure: To be considered for an internship in the summer of 2020 submit your application form for initial screening. After initial screening, qualified applicants will then be invited to submit the following:

1. Formal application form
2. Course transcript
3. Research or career goals
4. Two letters of recommendation

Scholarship / Stipend: Through a generous gift from the Singh Family Fund and other endowments, each participant will receive an allowance of \$5,000. This funding includes a nominal stipend, housing subsidy and an international travel allowance. Students' faculty mentors in India will receive \$500 to permit research by their RIYA scholar during the academic year in his/her Indian institution.

Advantages: This prestigious award provides each student with a rewarding learning experience that will help strengthen his or her knowledge, leadership and research skills. By participating in this unique program, students will develop an understanding of graduate-level studies, which will position them to have a successful career in an academic or industrial research and design (R&D) setting. Most RIYA scholars have pursued master's degrees or doctoral-level studies in renowned U.S. universities or comparable institutions elsewhere after graduation. Participants will work closely with renowned faculty in Ohio State's Department of Mechanical and Aerospace Engineering, along with a world-class research team.

Related Links: <https://mae.osu.edu/RIYA>

34. Shibaura Institute of Technology

Location: Japan

University: Shibaura Institute of Technology

Eligibility criteria:

1. Be an undergraduate or graduate/postgraduate student of a university. (For undergraduate students, 4 semesters or more have been completed. For graduate/postgraduate students, one or more semesters have been completed)
2. Complete this program before the graduation of home university
3. Have good English skills –TOEFL IBT 80 equivalent or the Letter of Recommendation from a university that guarantees applicant's English skills
4. Be physically and mentally healthy
5. Comply with the Japanese export control legal framework

Period of intern: 8 working days - 1 year

Application Procedure:

There are two types of application forms as below depending on the duration of your stay. The corresponding online form must be filled and submitted in required format. The complete application details can be found in the following link:

https://www.shibaura-it.ac.jp/en/prospective/student_exchange_prog/kcg11i0000000wbd-att/REP_Guideline

Deadlines: Four application entries are taken throughout the year. The deadlines vary accordingly. Check the website for details of each application period.

Scholarship: Students can avail JASSO scholarship for this program. Applicants who plan to apply for this scholarship need to indicate it on the Application form. A Scholarship may be provided after an applicant screening by SIT. The amount of the scholarship will be JPY 40,000 for initial cost and JPY 40,000 per month during the program. The amount of the scholarship will be determined upon the screening result. (Those who are going to receive any scholarship(s) from other organization(s) during the program cannot apply for SIT scholarship).

Documents Required:

This also varies based on the period of stay. The documents required are mentioned in the following links. More details are available in the following link:

http://www.shibaura-it.ac.jp/en/prospective/student_exchange_prog/research-exchange_lab-internship-program.html

Advantages: Shibaura Institute of Technology (SIT) is committed to using innovative

research tools and information technologies to inspire and promote excellent interdisciplinary research regardless of organizational affiliation or position within the wide spectrum of science. Apart from the great research experience you also get the opportunity to learn Japanese from your peers.

Related Links:

https://www.shibaura-it.ac.jp/en/prospective/student_exchange_prog/kcg11i0000000wbd-att/REP_Guideline

https://www.shibaura-it.ac.jp/en/prospective/student_exchange_prog/research-exchange_lab-internship-program.html

35. SPARK Summer Internship Program

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year.

Country: India

University: Indian Institute of Technology, Roorkee

Open to: Students currently enrolled and have completed at least two semesters of the undergraduate degree (B.Arch./B.E./B.Tech./M.Sc) in a relevant discipline from any institute in India

Eligibility:

1. Candidates who are currently enrolled and have completed at least two semesters of the undergraduate degree in B.Arch./ B.E./ B.Tech./ integrated MSc/ M.Sc) from a recognised institute can apply.
2. Students should have done two semesters before summer 2019 and should have at least a semester remaining after summer 2019.
3. Candidates of IITs and IISc should have a minimum CGPA of 7.5, those from NITs, IISERs, IEST, IESRs should have CGPA of 8 and those from other institutes should have CGPA of 8.5.

Period of Internship: 8-12 weeks. It is never less than 6 weeks

Application Procedure:

1. Applications need to be submitted through an online portal where the applicants will upload the transcripts (marksheets), photograph, a 500-word research statement, and a brief 1-2 page resume.
2. Applicants need to mention names of five faculty members of their choice from the list of faculty members interested in having a summer intern.

Deadlines: The application procedure starts towards the end of January and closes by February. The results are declared by March.

Scholarships/Stipends: The interns generally receive weekly stipends between Rs. 2000 to Rs. 3000.

Related Links: Online Applications: <http://spark.iitr.ac.in/> (the link is only active during the registration process)

36. Student's Programme at BARC

Location: Mumbai

Institute: Bhabha Atomic Research Centre

Open for: Mechanical, Chemical, Civil, Metallurgy, Electrical, Electronics, Instrumentation and Computer engineering, Physics, Chemistry and Biosciences

Eligibility criteria:

- For engineering (BE/B.Tech): Only those students who have appeared 5th semester and above
- For M.E./M.Tech: Only those students who have completed 1st semester and above
- For B.Sc: Only final year students
- For M.Sc: Only those students who have completed the first semester and above

Period of intern:

Min. duration for short term training and long term project work as a part of your academic curriculum:

- Mechanical engg – for practical training - 1 month; 3-6 months for project work.
- Chemical Engg, Civil, Metallurgy, Electrical, Electronics, Instrumentation, Physics, Chemistry – for practical training - 2 months; 3-6 months for project work.
- Computer Sc. & Engg – for practical training - 45 to 60 days.; 3-6 months for project work.
- Biosciences – 3-6 months.

Application Procedure: Applications have to be submitted through their respective academic institution on the institution's letterhead, indicating the details of the student including his/her academic record, year of study, discipline, specific period of project, signed by the Competent Authority of the College.

From a college, applications of maximum 3 students from the same degree/ subject will be considered

Deadlines: No specific deadlines exist. Applications are accepted all round the year

What the stipend covers: There is no stipend as such

Documents Required: An application on hard copy on their college letterhead duly signed and stamped by the college authority, as per the following format:

The following students of our college would like to apply for practical training/project work in BARC:

1. Full name of the student as in your college ID: Mr./Ms.
2. Degree:
3. Year of study: : Total no. of years of the programme:
4. Discipline/subject:
5. Desirable period of training (from _____ date to _____ date)

along with a 1-page student's Resume

Advantages: Bhabha Atomic Research Centre is a multidisciplinary organisation and a national laboratory with the prime motive to support the nuclear programme in the country. It extends its expertise to provide great opportunities for research and impart training to students/fellows from academic institutions in order to encourage the growth of scientific/technological research in the country.

Related Links: http://www.barc.gov.in/student/student_sp.html

37. Student's Programme at NCRA-TIFR

Location: Pune

Institute: National Centre for Radio Astrophysics - Tata Institute of Fundamental Research

Open for: Undergraduate students wishing to do projects related to astronomy or astronomical techniques.

Period of intern: Typically 3 months, can go upto a year.

Application Procedure: Students should write directly to NCRA-TIFR faculty members at their email addresses to request projects.

Projects up to three months duration only require the agreement of an NCRA-TIFR faculty supervisor to guide the project. Projects extending beyond three months require an interview by an NCRA-TIFR faculty committee at the beginning of the project.

Deadlines: There aren't any specific deadlines. The programme is open for application all round the year.

What the stipend covers: There is no stipend as such. Subject to availability, students may be provided with accommodation in the NCRA-TIFR hostel.

Related Links:

<http://www.ncra.tifr.res.in/ncra/students/external-students>

38. Summer Internship Program in Kashiwa, University of Tokyo (UTSIP Kashiwa)

Duration: Six weeks summer programme

Eligibility: Participants must be in their undergraduate program at an overseas college or university throughout the entire duration of the UTSIP program, and will not have completed their BA/BS degree.

All participants will be assigned to a laboratory in which he/she is interested to work and will conduct a research project under the guidance of a faculty member or senior graduate students. Participants will also experience Japanese culture and world-leading Japanese technology through weekend events and a field trip.

Host laboratories:

The research departments accepting UTSIP students

- Division of Transdisciplinary Sciences
- Advanced Materials Science
- Advanced Energy
- Complexity Science and Engineering
- Division of Biosciences
- Integrated Biosciences
- Computational Biology and Medical Sciences
- Division of Environmental Studies
- Ocean Technology, Policy, and Environment
- Environment Systems
- Human and Engineered Environment Studies
- Socio-cultural Environmental Studies
- International Studies
- Graduate Program in Sustainability Science

Schedule: Generally UTSIP Kashiwa I offer two different programs (Based on previous year's data):

- Program A: June to July
- Program B: June to August

Participation Fee: JPY 50,000

The fee must be paid on the first day of the UTSIP.

Note: This fee may be waived, and when you complete the online application, a request to waive the fee is automatically recorded. The decision regarding acceptance and the fee waiver will be sent to you at the same time.

Financial Aid: UTokyo provides a UTSIP scholarship and accommodation to participants.

UTSIP scholarship amount: JPY 110,000

If you have applied or will apply for a different scholarship, please mention this on the Application page. Some past UTSIP participants received a stipend from the following organizations. Applicants are encouraged to apply for financial aid.

- Friends of UTokyo, Inc. (FUTI)
- MIT-Japan program
- Honda Foundation
- UCLA Terasaki Center for Japanese Studies

Please note that applicants who have applied or are to apply to another scholarship program will still be considered as a UTSIP scholarship candidate. Multiple applications for scholarship programs have no effect in the selection process.

Applicants who would like to participate in UTSIP, regardless of financial aid program you are applying to, must complete the online application by the designated due date. No late applications are accepted even from those who have successfully obtained a scholarship from another organization. The deadline is firm.

No air fare subsidy will be provided. Participants are expected to arrange and purchase their flight to arrive in Japan and check in the assigned accommodation one day before the program starting day and check-out one day after the last official program day.

Related Links: https://www.ilo.k.u-tokyo.ac.jp/summer_en

39. Summer Research Fellowship Programme

Location: India

University: Summer Fellowships are offered by Indian Academy of Sciences, Bengaluru; Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad to work with scientists associated with any of these three Academies.

Open to: All departments

Eligibility: Students from all universities and colleges affiliated to UGC/AICTE/MCI/Accredited Institutions of State Universities are eligible to apply.

Period of intern: 2 months in the summer

Application Procedure: Applications should be submitted by logging onto one of the following websites: www.ias.ac.in or www.insaindia.res.in or www.nasi.org.in. The registration number assigned soon after the online submission must be quoted in all future correspondence.

What the stipend covers: The selected students will be provided appropriate round trip train fare and a monthly fellowship to meet their living expenses at the place of work.

Documents Required:

1. Scanned copies of mark sheets from class X till the last examination
2. A write-up (in about 150-250 words) as to what the applicant wants to learn and achieve.

Advantages: Through this programme, one can get exposure to research in one of the many CSIR labs, IITs, IISc and other research institutions. This is an amazing opportunity to get to know the research culture in the labs of premier institutions in India.

Related Links:

http://web-japps.ias.ac.in:8080/fellowship2019/application_instructions.jsp

<https://www.biotechnika.org/2018/09/science-academies-summer-research-fellowship-programme-2019/>

40. Summer Research Program by National Tsing Hua University

Eligibility: Students with two years of completed college education and above(both undergraduate and postgraduate).

Applicants will be accepted to one of the six disciplines under College of Engineering that best match their interest of study

1. Chemical Engineering
2. Power Mechanical Engineering
3. Materials Science Engineering
4. Industrial Engineering and Engineering Management
5. Nanoengineering and Microsystems
6. Biomedical Engineering

Duration: 2 months.

Application Process:

1. Submit Online Application
2. Review Stage
3. Result Notification email
4. Accept/Decline Offer

Applicants are encouraged to communicate with the professor you would like to work with regarding the research topics via emails, skype or any other methods.

Documents Required: Upload the application materials in a single PDF file.

1. Statement of Purpose
2. Resume (CV)
3. Official Transcript
4. Optional- Supporting Materials (ex: letters of recommendation, examples of written work, etc.)

Application Deadline: Tentatively in the starting of January.

Scholarship: A limited number of Global Engineer Leadership (GEL) scholarships with subsidized round trip airline tickets up to NTD 15,000 and free accommodation at university residence hall.

Related Links: <http://eng-en.site.nthu.edu.tw/p/412-1060-3215.php>

Email: coeia@my.nthu.edu.tw

41. Summer Student Programme (CERN)

Location: Geneva

Institute: CERN

Open to: Students whose Bachelor or Master degree focuses on one of the following disciplines - Civil Engineering, Controls and Data Acquisition, Electricity, Electromechanics, Electronics, Health, Safety & Environment, Information Technologies, Materials Science & Surface Engineering, Mechanics, Physics.

Eligibility criteria: Must be an undergraduate student and should have completed, by the summer of attending, at least three years of full-time studies at university level or must be expecting to graduate in the summer of attending.

Period of intern: 8-13 weeks

Application Procedure: Applicants are required to apply online. The required documents for this position must be uploaded in good/readable quality. Documents must be labelled correctly while uploading them.

What the stipend covers: There is no stipend as such.

Documents Required:

1. Report on Candidate - Once your application has been submitted you will receive a confirmation email which contains a link to this report which has to be forwarded to at least one referee (preferably a professor). In order to be considered, at least one new report MUST reach us before the deadline. The report on candidates needs to be less than 12 months old, preferably 2, at the deadline.
2. Most recent academic transcript (official document giving an overview of your marks; either issued from your university or copy of the transcript from your university portal) - If the academic transcript is not written in latin characters please upload also a translation (English or French) made by you.
3. CV (English or French)

Advantages: This is a unique opportunity to join in the day-to-day work of research teams participating in experiments at CERN in Geneva, Switzerland. Beyond the outstanding first-class scientific value of their stay, the selected students will find working in a multidisciplinary and multicultural environment an extremely enriching personal experience. It is a once-in-a-lifetime opportunity to make valuable and long-lasting contacts with other students and scientists from all over Europe.

Related Links:

<https://careers.smartrecruiters.com/CERN/summer>

<https://jobs.smartrecruiters.com/CERN/743999679008793-summer-student-programme-member-and-non-member-states->

42. The European Society for Marine Biotechnology

Eligibility: Students of Masters, MSc, and PhD are eligible to apply for research internships.

There are 43 internship opportunities available as of now. Each one of them is a project topic hosted in various countries. For more information check out this website: <http://www.esmb.org/available-placements.html>.

Duration: Usually they are of 3 to 6 months, it depends on the project topic.

Application Process: Students will be selected in late October/early November and selection will be based on marks, cover letter and a skype interview (with one ESMB board member and the host supervisor).

Advantages:

- Ideal for Master or Msc research projects (ideally a placement lasts between 3 to 9 months).
- Gives you excellent first-hand experience of the working and professional world.
- Access to the top laboratories working in Marine Biotechnology in the EU.
- Possibility to apply for an Erasmus grant through your university.

Related Links:

<http://www.oir.iitm.ac.in/internship-in-marine-biotechnology/>

<http://www.esmb.org/available-placements.html>

[contact link: claire.hellio@univ-brest.fr](mailto:claire.hellio@univ-brest.fr)

43. Tokyo Tech Summer Program

Country: Japan

University: Tokyo Institute of Technology

Eligibility Criteria:

- Undergraduate students majoring in science and engineering-related fields who have completed their second year at the time of participation
- Graduate students in science and engineering-related fields

Period Of Internship: 10 weeks

Application Procedure: Submit the required items via Tokyo Tech's online application system. Required documents:

- Official academic transcripts in English (PDF)
- Recommendation letter from your home university
- Verification of your student status at your home university
- Application for Tokyo Tech Student ID Card
- Copy of your passport
- Official test results of TOEFL, TOEIC, IELTS, or equivalent (Strongly recommended but not mandatory)
- Photograph (JPEG)

Deadlines:

- Admission period opens: Early November
- Application deadline: 1st week of January
- Selection results: February end

Program Fee: 50,000 yen, including activity and insurance fees. Application, admission and tuition fees will be waived by Tokyo Tech

Scholarship: A limited number of qualified students will receive a JASSO or Tokyo Tech Fund scholarship. Those selected to receive scholarships will be notified one or two months before the start of the program.

Advantages: Participants will have opportunities to learn about Japanese culture while experiencing life in one of the most exciting and technologically-advanced cities in the world

Related Links:

https://www.titech.ac.jp/english/graduate_school/international/exchange/summer_program.html

https://www.titech.ac.jp/english/graduate_school/international/exchange/pdf/Summer_Program_%202019.pdf

44. Universiti Teknologi Malaysia (UTM) Mobility Program

Country: Malaysia

University: Universiti Teknologi Malaysia, Malaysia

Open to: All Undergraduate, Masters and Phd engineering students

Eligibility Criteria:

1. Registered as an active student at home university.
2. Have a good command of the English Language.
3. Have good health.
4. Be physically present at home university at the time of application.
5. Must agree to enroll at UTM as described in the program plan.
6. Must agree to abide by the rules and regulations of UTM or placement provider.
7. Should demonstrate empathy and understanding of cultural differences.
8. Should demonstrate excellent personal skills.
9. Agrees to be responsible for the costs incurred.

Period of Internship: One to two semesters

Application Procedure: If interested, kindly proceed to fill in the online application form at:
<http://www.utm.my/international/research-internship-application-form/>

Do not forget to attach the following documents:

1. Recommendation Letter
2. Student Status Letter
3. Academic Transcript
4. Passport Photo
5. Sponsorship document if applicable
6. Study Plan Essay

The complete application procedure can be found here:

https://www.utm.my/international/files/2019/04/Annex-Guide-VAL-Mobility_010419.pdf

<http://www.utm.my/international/files/2012/06/Flowchart-Research-Internship.pdf>

Deadlines:

1. Semester I : 30 April (tentatively)
2. Semester II : 30 September (tentatively)

Applications must be submitted 3 months before the program's commencement. Students can apply throughout the year.

Scholarships/Stipend: Scholarships For International Students

1. Islamic Development Bank (IDB)
2. Commonwealth Scholarship and Fellowship Plan (CSFP)
3. Malaysian Technical Cooperation Programme (MTCP)
4. Malaysian International Scholarship (MIS)
5. Kindly check the very bottom of the following website for more details:
<https://admission.utm.my/scholarship-and-financial-aid/>

Advantages: UTM provides opportunities for students who are studying outside Malaysia to pursue cutting-edge trans-disciplinary research work for one to two semesters.

Related Links:

<http://www.utm.my/international/research-internship/>

45. University of Melbourne Internship Programme

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year. It is possible the internship may not be offered this year.

Country: Australia

University: University of Melbourne

Open to: All departments

Eligibility criteria: Applicants must have at least completed 5 semesters to apply for the programme.

Period of Intern: 10-11 weeks

Application Procedure: Online application on the program website opens in January or February. SoP should focus more on the projects you have done and what benefits you will get by doing the selected projects.

Deadlines: Application deadline is usually February or March.

What the stipend covers: The expenses covered are given below. If you are required to contribute a portion of the financial cost, you will be notified beforehand.

- Transportation to Melbourne
- Transport from airport to accommodation
- Stipend for housing
- Provided breakfast and dinner (lunch excluded)

(Can work part time, though it is hard to find a job (being a temporary resident))

Documents required:

1. Passport valid at least until January of the next year (i.e. if you are applying for an intern in 2021, your passport should be valid till at least January 2022)
2. A CV or resume detailing research experience
3. Letter of recommendation
4. Academic transcripts (from admin)
5. Statement of Purpose (no word limit)
6. Health Insurance

Scholarships available: The intern stipend mostly covers necessary expenses.

Advantages: An opportunity not to be missed considering a funded stay at one of the most beautiful cities in the world. Stipend amount is good. Opportunity to enhance self-esteem and self-confidence. Will provide an exposure to global teaching and research practices.

Related links: <https://findanexpert.unimelb.edu.au/>

46. Visiting Student's Research Program (VSRP)

Information for the upcoming year had not been updated at the time of making InSearch. The following information is based on the previous year's application process, and may not be applicable for the upcoming year. It is possible the internship may not be offered this year.

Location: Mumbai, India

University: TIFR, Mumbai

Open to: Physics, Computer Sciences, Mathematics

Eligibility:

1. Two years of undergraduate course work in an academic institution.
2. Should not have participated in VSRP before
3. Not open for PhD students or faculty members.

Period of Intern: 1 Month

Application Procedure: Students can apply online through the following portal <http://www.tifr.res.in/~vsrp/apply/apply.htm>

Documents Required:

1. Scanned photo (.jpg file of size not exceeding 100kb) of your passport size Photograph
2. A write-up of up to 400 words, describing your interest in the most preferred field of study has to be provided in the appropriate box while applying online.

Selection Procedure: Selection is purely based on the academic performance of the student, submitted write-up and reports from reference contacts. There is no selection test/interview.

Stipend: Selected students are paid a monthly stipend of Rs 7000 per month and to and fro travel reimbursement from the place of their residence. Also, free shared accommodation on or off campus is provided.

InSearch 6.0

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