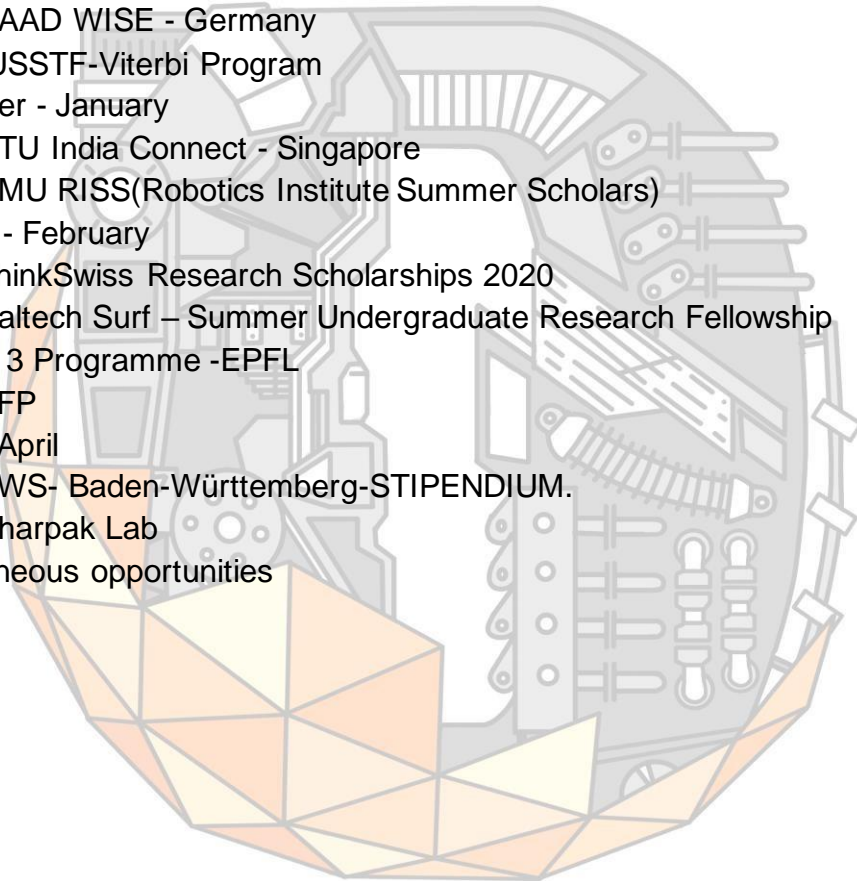


# RESEARCH INTERNSHIP OPPORTUNITIES AND GRANTS



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## DOCUMENTS REQUIRED

- Make a excel sheet with the profs that you would want to apply - [Sample lists](#)
- Resume and Cover Letter
- Transcript
- Rank Card (if you have a good rank)
- Recommendation letter aka reco (mostly 2, maximum 3)
  - If you are not very well connected with profs, get 1 general reco, stating I recommend the concerned person for future research Internships/fellowship
  - But make sure at least one reco is specific
  - Each reco should describe you specifically not in a generic manner and what you did differently from others.
- No Objection Certificate (NOC)
- Passport
- Passport Size photo- Preferably in CPC format- Since it qualifies most of the requirements
- Research Rationale - Make an SOP (about 800 words) describing you, your interest/goal, how your interest came into the picture, what did u do till now for your interest and how will the concerned fellowship/grant will help you nurture your interest/goal.
  - Make sure the last paragraph is specific about that college and professors lab.

## HR- INTERVIEW FAQs

1. Why do you want to do a research internship?

Points:

Mention u want to go for higher education.

2. Why did you choose this field? And how did you develop your interest in this field?

Mention or create a scenario that intrigued u regarding the subject and mention the projects.

3. Why did you choose us? Do you know what we do?

Research about them a lot and praise them based on their uniqueness in their field.

Say, for example, if you have a Bajaj company, they would ask the question why Bajaj why not any other automobile company.

So one good way of answering is: Bajaj is a pioneer in creating a new automobile industry through research and development not via assembly line improvement. They make a new automobile by ideating on each part. Since my interest is in this region, I wish to join BAJAJ

Also mention all the people working in the lab and what they do, especially the PhD scholar who is in our meeting.

4. What is your strength and weakness? Any experience working in a team?

For teamwork mention dc projects and for strength and weakness mention what is unique about u not in a generic manner with example if possible.

5. Why do we need to choose you for this internship?

This is like a summarised version of the above questions.

Mention your unique strength, using the strength how did you develop your interest. And mention some projects showing how u implemented ur interest.

### Other FAQs:

- 1) Give a brief introduction about yourself, and tell us about your background, hobbies, and what makes you unique.
- 2) List your strengths and your flaws. Elucidate any 2.
- 3) What qualities would you like to see in your team leader? Which of these qualities do you possess?
- 4) What positions of responsibility have you taken up in college? What have you learned from them/or any one of them? [See STAR Method]\*
- 5) Narrate an incident when you have had a disagreement/falling out with your teammates/senior/junior, and how you handled the situation.
- 6) Has there been an incident wherein you have had to take leadership or initiative to solve an issue which was affecting your team?
- 7) Explain your Internship using the STAR method\*:
  - i) Introduction
  - ii) Objective
  - iii) Solution
  - iv) What were your biggest hurdles, and how did you overcome them?
  - v) What did you learn?
- 8) Why did you choose this internship?
- 9) What has been your greatest setback to date, and how did you get back on your feet?
- 10) Who is your role model, and why?
- 11) What's your greatest achievement, and tell us about that journey.
- 12) Where do you see yourself in 5 years?
- 13) Will you be pursuing higher education?

\*STAR Method: [https://www.vawizard.org/wiz-pdf/STAR\\_Method\\_Interviews.pdf](https://www.vawizard.org/wiz-pdf/STAR_Method_Interviews.pdf)

Source: CPC HR Questions

## Research Internship for Young Academics (RIYA) program

Deadlines:

**Initial application deadline: October 5, 2019 - This year - September 7 2020**

Deadline for formal application and supplemental materials: November 15, 2019

Country: USA

University: Ohio State University

Open to: 3rd year and 4th-year Aerospace and Mechanical Engineering students.

Eligibility Criteria: Candidates must have completed three years in a recognised 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 Intern: 10 weeks (mid-May to mid-July)

Application Procedure: After the 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. Three 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: Participants will work closely with renowned faculty in Ohio State's Department of Mechanical and Aerospace Engineering, along with a world-class research team.

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



## MITAACs

**Deadlines: Application deadline is by the end of September. Results will be out in December-January.**

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 tentative September 2020.
2. GPA requirement varies according to country, for India it is 8/10.

**NB: The CGPA criteria varies from year to year at 2020 the criteria is 7.5/10**

Period of Intern: 12 weeks

Application Procedure: Online application on the MITACS website opens in August. You must 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.

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 enrolment fees
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 2019, your passport should be valid till at least tentative January 2021)
2. A 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)

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 your 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.

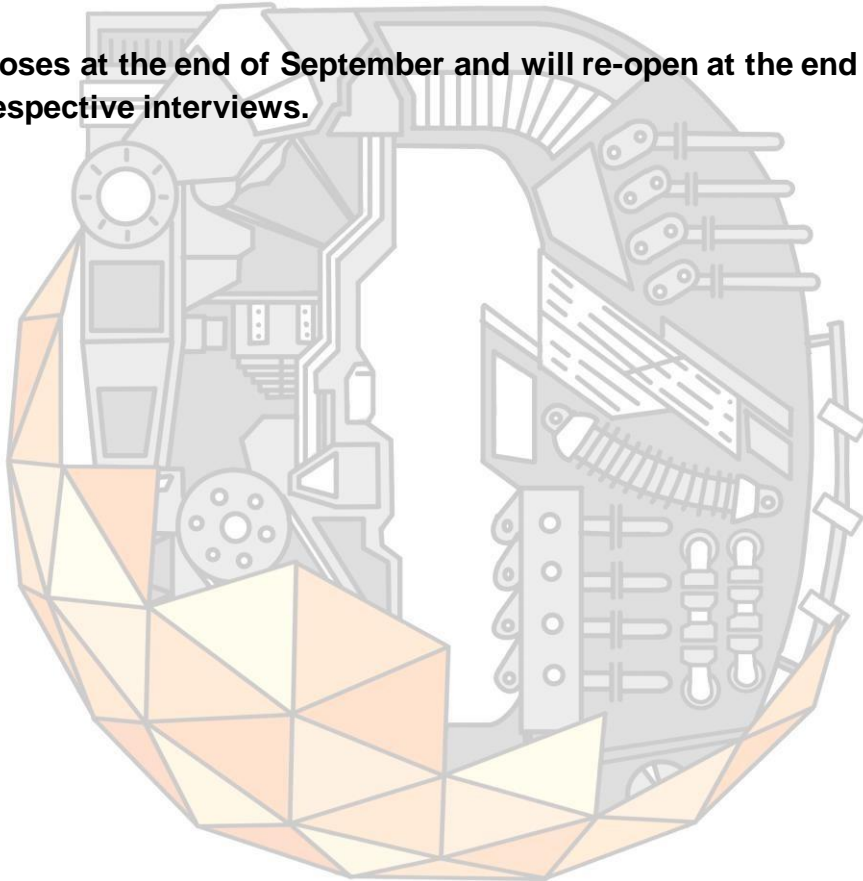
Relevant Links:

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

**PS:**

**While making the list of the projects, to increase the probability of acceptance, keep at least one project in top 3 which is under a prof whose h index and his college ranking is below average. Also, add two more similar projects in the rest of your list.**

**Application closes at the end of September and will re-open at the end of November during your respective interviews.**





**Deadlines: Last date for submitting an online application - tentative October end.**

Country: USA

Institutions: The Science & Engineering Board (SERB), Department of Science and Technology (DST), Govt. of India, the Indo-U.S. Science and Technology Forum (IUSSTF) and WINStep Forward.

Open to: Students of Atmospheric and Earth Sciences, Chemical Sciences, Engineering Sciences, Mathematical and Computational Sciences and Physical Sciences.

Eligibility criteria:

1. Indian citizens currently pursuing a Bachelors or Masters' degree at a recognized institution of higher education and learning in India are eligible.
2. Only those candidates who shall be completing their degree program on or after May 2022 are eligible to apply.

Period of Intern: The internship is a 10-12 week program, tentatively scheduled to be held by mid of May to July 2021.

Application Procedure: Applications should be submitted using their 'Online Application Portal for Visitation Programs'. Hard copies and electronic copies of the application forms will not be accepted.

What the scholarship covers:

1. Stipend of 2000USD
2. Airfare- Roundtrip (to be booked by IUSSTF travel desk)
3. Health Insurance

Documents required:

1. Statement of purpose
2. Current transcript (Latest Marksheet)
3. Two letters of recommendation from a faculty member, advisor or lab supervisor on their official letterhead
4. No objection certificate from Parent Institution
5. Scanned copy of first and last page of the passport

Advantages:

The program provides an opportunity for Indian students to experience world-class research facilities in leading U.S. institutions. This program is envisaged to build long-term R&D linkages and collaborations cutting across boundaries around the globe.

Useful Links: <http://iusstf.org/story/53-74-For-Indian-Students.html>  
<https://iusstf.org/program/for-indian-students>

**PS: In 2019, this program was cancelled.**

# S.N. Bose SCHOLARS PROGRAM



To nurture future innovators and thought leaders, the **Science & Engineering Board (SERB)**, **Department of Science and Technology (DST)**, **Govt. of India**, the **Indo-U.S. Science and Technology Forum (IUSSTF)** and **WINStep Forward** have partnered to support a dynamic and transformative student exchange program between premier institutions in India and the United States. The program is named in honor of **Satyendra Nath Bose** (1894 - 1974), a visionary Indian physicist best known for his work on quantum mechanics in the early 1920s. The class of particles that obey Bose-Einstein statistics, **Bosons**, was named after him.

## ELIGIBILITY:

- Indian citizens currently pursuing a Bachelors or Masters' degree at a recognized institution of higher education and learning in India.
- Open to students of Atmospheric and Earth Sciences; Chemical Sciences; Engineering Sciences; Mathematical and Computational Sciences; and, Physical Sciences.

## SCHOLARSHIP INCLUDES:

- Stipend

## THE PROGRAM IS ENVISAGED TO:

- provide an opportunity to Indian students to experience world-class research facilities in leading U.S. institutions;
- encourage and motivate students to take up research as a career;
  - pave the way for the next generation of pioneers and innovators in science and technology to interact with each other, and;
- build long-term R&D linkages and collaborations cutting across boundaries around the globe.

**Submission Deadline:**  
**31 October 2018**

For program information contact:  
**Dr. Chaitali Bhattacharya**  
**Indo-US Science and  
Technology Forum**  
Fulbright House, 12, Hailey Road,  
New Delhi - 110001,  
E-mail: [bose@indousstf.org](mailto:bose@indousstf.org)

## DAAD WISE - Germany

### **Deadline: November 30**

Country: Germany

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

Open to: All departments

### Eligibility criteria:

1. Applicants who are in their fifth or sixth semester of a Bachelor's programme or in their fifth, sixth, seventh or eighth semester of an integrated or dual degree programme.
  2. CGPA of 8.5 / 10 and above of completed semesters at the time of application.
  3. Students who have been awarded a WISE scholarship previously cannot apply again.
- Period of Intern: 2 to 3 months in the period between May and July. Internships of less than two months duration are not supported.

### Application Procedure:

The applicant must independently search for a German professor/guide, under which s/he could carry out his/her research. The application procedure occurs online through the DAAD portal. S/he 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. 21.70 Euros per day)
2. A lump-sum travel subsidy of 1040 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 the home institution.
5. Invitation letter of German supervisor.

6. DAAD form (“Approval Form by German Host”) filled in by German supervisor.
7. Recent reference from an Indian university teacher which provides information about the applicant’s qualifications (please find the form in the DAAD application portal).
8. University degree certificates indicating final grade(s).
9. 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 the 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 for.

#### Useful Links:

<https://www.daad.de/go/en/stipa50015295>

<http://www.daaddelhi.org/en/14498/index.html>

<https://www.quora.com/How-do-I-apply-for-DAAD-and-other-foreign-internships>

Application Portal – <https://portal.daad.de/irj/portal>





## IUSSTF-Viterbi Program

### **Tentative Deadline: mid-November**

Location: USA

University: University of Southern California

Open for: Electrical Engineering, Computer Sciences

Eligibility: Indian students currently pursuing a Bachelors or Masters degree at recognized institutions of higher education in India.

Application Procedure: Applications can be submitted through the Online Portal given [HERE](#)

Scholarship: Includes both stipend and airfare.

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.

Useful Links:

<http://iusstf.org/story/53-51-IUSSTF-Viterbi-Program.html>

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





# IUSSTF-VITERBI PROGRAM

The Indo-US Science and Technology Forum (IUSSTF) and The Viterbi School of Engineering, University of Southern California (USC) have partnered to support the **IUSSTF-Viterbi Program**. This program provides opportunities to Indian students to undertake research internship at the Viterbi School of Engineering in summer 2020 for a period of 8 weeks.



## The IUSSTF-Viterbi Program is envisaged to:

- Provide an opportunity to the best and brightest Indian students to gain exposure and access to world class research facilities in the Viterbi School.
- Promote research and capacity building in frontline areas of engineering and technology.
- Encourage outstanding students to take up research as a career.
- Pave the way for the next generation engineers from India to interact with American peers, thus help building long-term R&D linkages and collaborations.

## Eligibility:

- Indian students currently pursuing a Bachelors or Masters degree at recognized institutions of higher education in India.
- Open to students of Electrical Engineering, Electronics & Communication Engineering, Computer Sciences and Computational Sciences.

## Scholarship includes:

- Stipend
- Airfare

For applications and guidelines please visit: [www.iusstf.org](http://www.iusstf.org)

## For program information contact:

**Dr. Nishritha Bopana**  
Indo-US Science and Technology Forum (IUSSTF)  
12, Hailey Road, Fulbright House  
New Delhi-110001  
E-mail: [viterbi-india@indousstf.org](mailto:viterbi-india@indousstf.org)

**Prof. Raghu Raghavendra**  
USC Viterbi School of Engineering  
University of Southern California  
Los Angeles, CA 90089  
E-mail: [raghu@usc.edu](mailto:raghu@usc.edu)

**APPLICATION DEADLINE: 15 November 2019**

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

Country: Singapore

University: Nanyang Technological University

Open to: Bioengineering, Chemical and Petroleum Engineering, Civil and Environmental Engineering,

Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering and Materials

Science.

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.

Period of the intern: Minimum 2 months (May to July)

Application procedure: 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 student will be referred to suggested faculty for their consent and if an agreed 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.

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 - **This is the regular recommendation letter**

2. Recommendation Letter - **This means NOC not a 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, a strong sense of cross-cultural intelligence; gain a network of friends and a better understanding of Singapore.

Deadline - 31st December 2019

Relevant Links:

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



Another opportunity: This year (2020) NTU and NITT have an MoU, so this opens another opportunity as shown below:

**2) School Short-term Project:**

Undergraduate students pursuing a Bachelor of Engineering degree or equivalent in a University which does not have a Memorandum of Understanding (MoU) with NTU are generally not admitted to performing short-term research projects. Your home university has no MoU with us, however, the School of MAE will admit students on a case-by-case basis if:

- 1) the student has good academic results from a reputable university, and
- 2) the student is able to find a prospective professor who is willing to supervise and fund the student's research, and
- 3) the student is able to pay research fees which will be calculated based on his months of internship (approx S\$3,525/- for per month) and
- 4) the student is able to provide evidence that he can support himself financially for the duration of stay in Singapore.

Please note that there are no scholarships or financial assistance available to students doing a short-term project. You will also be required to arrange for your own off-campus accommodation.

If you meet the above criteria and are agreeable for self-financing your short-term project, kindly proceed further on the admission procedure.

To apply for your internship/short-term project with the School, please complete the application form, which is available for download from:

[https://venus.wis.ntu.edu.sg/NG\\_APP/Pages/Login.aspx](https://venus.wis.ntu.edu.sg/NG_APP/Pages/Login.aspx)

On the application form, please indicate as Non-Exchange, your supervisor name (the professor who has agreed to supervise you) and the title of your project and duration of your research attachment.

Short-term project students have to apply for a Training Employment Pass (TEP) and the processing time takes about 6-8 week. The internship start-date has to be at least 10 weeks after the admission procedure starts.

For further queries contact:

Ms. Tiana (Thaiyanayagee d/o Venugopalan <Thaiyana@ntu.edu.sg>)

School of MAE

Undergraduate Office (N3-02a-14)

Tel : 67905492



## CMU RISS(Robotics Institute Summer Scholars)

**Deadline: January 15 (Application starts from December 1)**

Country: USA

University: Carnegie Mellon University

Open to: Undergraduates of all countries

Eligibility criteria: 2<sup>nd</sup> and 3<sup>rd</sup>-year undergraduates

Period of the intern: June 1 to Mid August

Application procedure: Fill the required application on the website. Make sure you have strong background in robotics (a good number of projects/research papers will help). Strong SOP and letters of recommendation increase the chances of getting selected.

Documents: Resume or curriculum vitae, statement of purpose, one letter of recommendation from a faculty advisor or instructor, and unofficial transcripts (with overall GPA and major GPA) from one's entire undergraduate period.

Scholarships available: RISS scholars are generally considered for financial support.

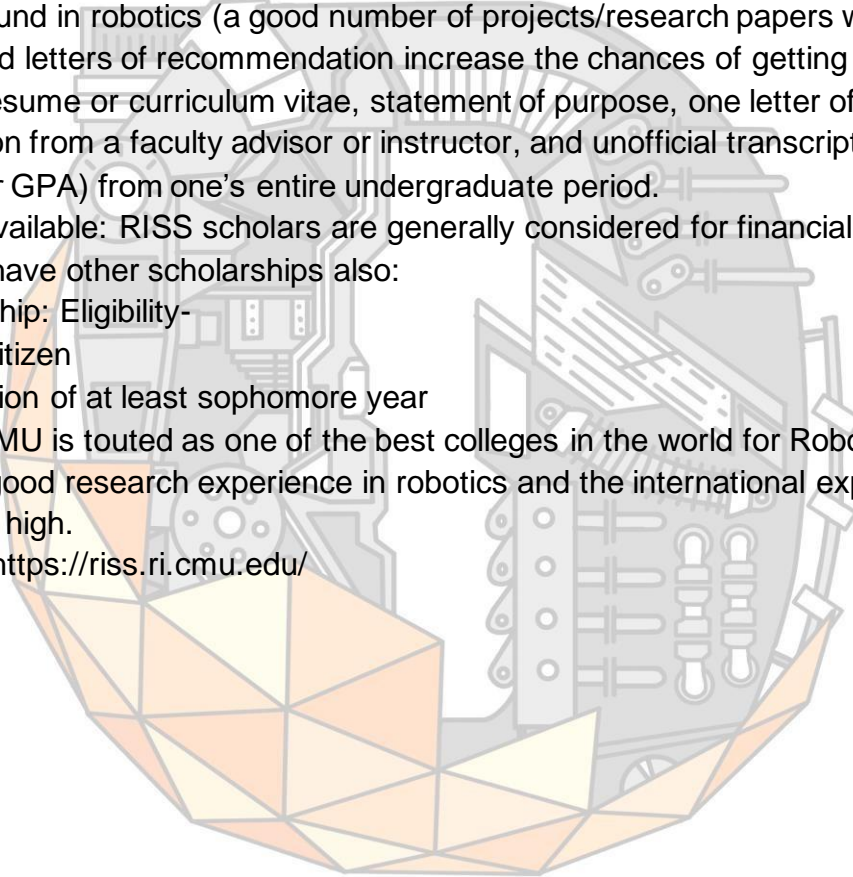
However, you have other scholarships also:

FICCI Scholarship: Eligibility-

- Indian Citizen
- Completion of at least sophomore year

Advantages: CMU is touted as one of the best colleges in the world for Robotics. You will get extremely good research experience in robotics and the international exposure quotient is also high.

Website links: <https://riss.ri.cmu.edu/>





## ThinkSwiss Research Scholarships 2020

**Deadline: The application and all supporting documents must be uploaded on the online application form in PDF format by 15 January 2020.**

ThinkSwiss Research Scholarship program Asia-Pacific is funded by the State Secretariat for Education, Research and Innovation (SERI) and is supported by swissnex India and the Embassies of Switzerland in Singapore and in Australia. The aim of the program is to promote research opportunities in Switzerland for Indian, Australian and Singapore students and to foster the exchange between Swiss and Asia-Pacific universities & institutions.

### Eligibility Requirements

To apply for a ThinkSwiss Scholarship you must:

- Currently be enrolled at an accredited Indian, Australian or Singapore university/ institute
- Be a master degree student or a bachelor degree student who will have completed the 2nd year by the time the research stay in Switzerland begins
- Provide written confirmation from a professor at a Swiss university that he/ she will accept you for a research stay in his/ her group

### Application Procedure

The application and all supporting documents must be uploaded on the online application form in PDF format to by 15 January 2020. In order to be considered for this scholarship, each application must contain:

1. A cover letter outlining your research project (e.g. an overview of the tasks and milestones of your project that you agreed on with your host professor) and explaining why you should be awarded the ThinkSwiss Research Scholarship and why you would make an excellent “student ambassador” in the future
2. Your CV (no more than two pages)
3. A copy of your current university transcripts (we accept photocopies of official transcripts issued to the student)
4. A letter of acceptance from the professor and/ or hosting institution in Switzerland. Please request for a confirmation letter on the University/ Institute letterhead from the host professor.
5. A letter of recommendation from a current professor who can attest to the applicant's abilities

## Caltech Surf – Summer Undergraduate Research Fellowship

**Deadlines: SURF applications are due on February 22. Around 15 people were shortlisted last year.**

Country: USA

University: California Institute of Technology

Open to: All departments

Eligibility criteria: Have a cumulative GPA of at least 2.5 on a 4 point scale

Period of Intern: 10 weeks

Application Procedure: 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 assist you in the writing of the research proposal. Online application on the Program website usually opens around mid-January.

The main interview is usually in March. Results will be announced on April 1.

What the stipend covers: Fellows receive a \$6,000 award for the ten-week period. Award payments are distributed in equal instalments in late June and late July. Students are not allowed to work outside the institute. The cost of housing is not part of the SURF award.

Documents required: The application contains:

1. An online application
2. A proposal was 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)
3. Confidential letters of recommendation: **Students must submit three confidential letters from faculty (at least two in the relevant discipline)**
4. A transcript
5. 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. The stipend amount is good. Opportunity to enhance self-esteem and self-confidence. Will provide exposure to global teaching and research practices. Also, there are various social and cultural activities, weekly small student-faculty dinners and special field trips.

Useful Links:

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

<http://sfp.caltech.edu/programs/surf/faqs>

## E 3 Programme -EPFL

**The application portal opens at Dec 2020**

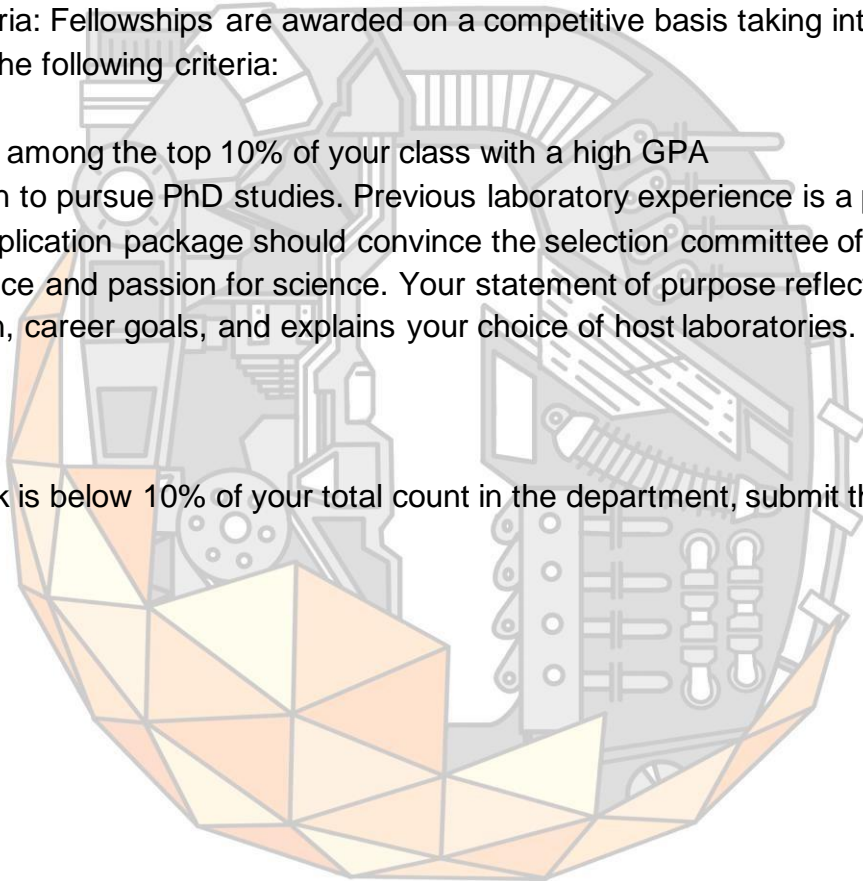
**The application deadline is February 1st 2021**

**Eligibility:** You must be enrolled in a Bachelor or Master program. Students enrolled in PhD programs are not eligible. At the time of application, you should have successfully completed at least your second Bachelor year in any field of engineering, science and technology.

**Selection Criteria:** Fellowships are awarded on a competitive basis taking into consideration the following criteria:

- You are among the top 10% of your class with a high GPA
- You plan to pursue PhD studies. Previous laboratory experience is a plus
- Your application package should convince the selection committee of your excellence and passion for science. Your statement of purpose reflects your ambition, career goals, and explains your choice of host laboratories.

**PS:** If your rank is below 10% of your total count in the department, submit that document as well.



## SFP

Country: India

University: IIT Madras

Open to: Candidates pursuing 3<sup>rd</sup> year of B.E./B.Tech./B.Sc. (Engg) or 3<sup>rd</sup> or 4<sup>th</sup> year of Integrated M.E./M.Tech. programme, 1<sup>st</sup> year of ME/M.Tech/M.Sc./M.A, MBA

Eligibility criteria: Outstanding academic background in terms of high ranks in university examinations are encouraged to apply, highlighting their academic performance and achievement including papers presented at seminars, projects executed, design contests participated, score/rank in Mathematics Olympiad and any other awards/distinctions obtained.

Period of Intern: Duration of the programme may commence from May to July. (Schedule may be flexible to suit student's convenience.)

Application procedure:

- Application should be submitted online in this portal.
- There is no need to send hard copies to IIT Madras.
- Generate a pdf file and keep it for your reference.
- Please ensure that all the relevant data and enclosures are uploaded online.
- Incomplete applications will be rejected.
- For any clarification, please raise the issue in the portal.

Stipend covers: A sum of Rs.6000/- per month will be given as a stipend for a maximum period of 2 months.

Documents: Bonafide is a must

Useful Links: <https://sfp.iitm.ac.in/>

## BWS- Baden-Württemberg-STIPENDIUM.

### **Deadline: usually in March or April**

What is the application procedure?

One must obtain a research supervisor at one of the partner universities and the supervisor must be willing to 'nominate' the student for the scholarship. After this is done, the BWS foundation will mail the student his or her application form and a list of further documents that need to be submitted for completing the application. The foundation will inform you within 2-3 weeks regarding the selection.

Note: Nomination by the supervisor does not guarantee selection by the BWS foundation.

Common Partner Universities: KIT and University of Stuttgart

### **Scholarship Value**

The scholarship amount may vary depending on the distance to the partner university, potential tuition fees, the differing cost of living in the host countries, possible currency differences or particular visa requirements, etc. It is calculated individually and worth between EUR 600 and EUR 1,400 per month. Scholars will be part of an extensive international network in which people from different cultures and subject areas get in touch.

PS: Apart from universities there are some research institutes that also comes under DaaD and BWS, so kindly do check on those as well



### Charpak Lab

**Deadlines: Deadline for applications is mid-March. Results will be announced in the beginning of April.**

Country: France

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

Open to: All departments

Eligibility criteria:

1. Knowledge of French will be an asset but is not mandatory
2. There is no CGPA / percentage cut-off for the scholarship - **But usually, people with very high CGPA get selected, one of the fellowship program with very low acceptance rate.**

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

Application Procedure: Students have to approach a laboratory on their own, as per their research interest before applying for the scholarship. Selection is based on academic excellence, as well as the consistency and quality of the statement of purpose.

What the scholarship covers:

1. Student visa fee waiver
2. Monthly stipend of 310 euros for a maximum 3 months (May to July) is provided by the Embassy.

Labs in France provide a minimum allowance of 508 euros/month to all interns interning for more than 8 weeks<sup>3</sup>.

3. Medical insurance coverage
4. Assistance in finding affordable student accommodation

Documents required:

1. Application form duly filled, signed, printed and scanned (includes a 2-page long Statement of Purpose)
2. Scanned copy of the first page of your passport
3. Full Curriculum Vitae (maximum 2 pages)
4. Scanned copy of your admission/acceptance letter from the French higher education institution/laboratory.
5. Attested 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)
6. French language certificate if any
7. NOC from the Indian institution

Useful Links:

<http://www.inde.campusfrance.org/en/page/charpak-research-internship-program>

<https://www.inde.campusfrance.org/charpak-lab-previously-charpak-research-internship-program>

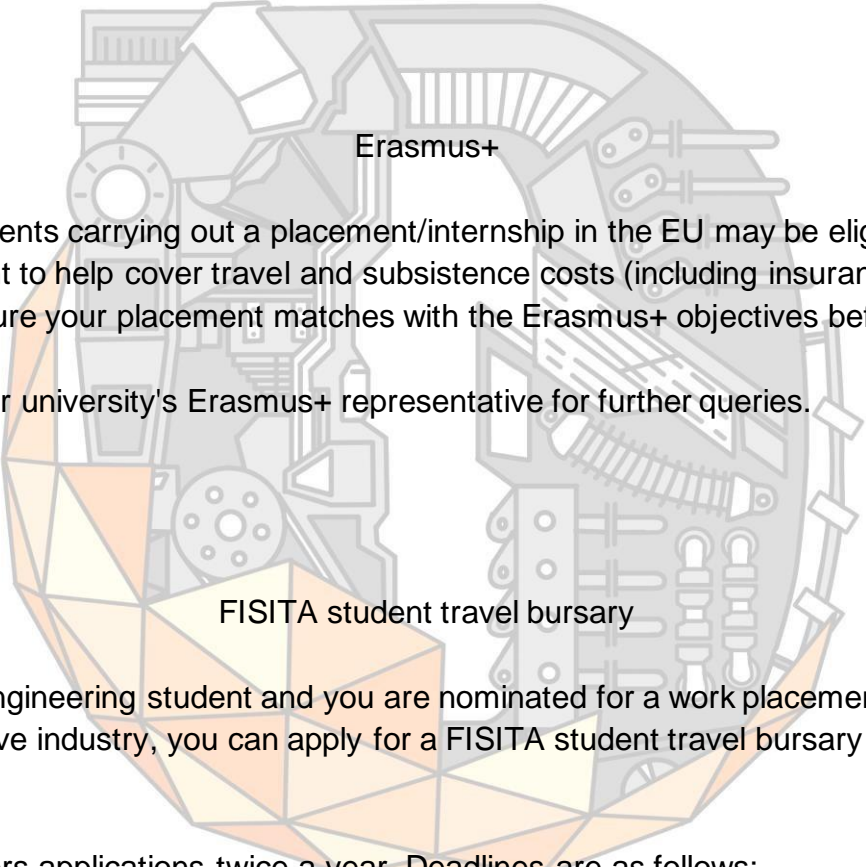
## Miscellaneous Opportunities:

### Monash Fellowship Programme

Our home university signed an MoU with the Monash institute last year. Follow up on this with our college international office and get to know about this more.

As of now the internship procedure is as shown in this website:

<https://www.monash.edu/science/current-students/internship-units/undergraduate-internships>



#### Erasmus+

Erasmus+ students carrying out a placement/internship in the EU may be eligible for an Erasmus+ grant to help cover travel and subsistence costs (including insurance and visa costs). Make sure your placement matches with the Erasmus+ objectives before applying.

Please ask your university's Erasmus+ representative for further queries.

#### FISITA student travel bursary

If you are an engineering student and you are nominated for a work placement/internship in the automotive industry, you can apply for a FISITA student travel bursary and receive up to €2,000.

FISITA considers applications twice a year. Deadlines are as follows:

**April – October placements: 31 March.**

**November – April placements: 31 October.**

If you have any questions about the bursary, please contact FISITA directly.

## IAESTE

In this organisation, there are two general types of internships, open offers and membership offers.

Open offers can be applied by the public and if you get selected they will ask you to join the organisation as a member and accept it.

Membership offers are those who joined the organisation, for which you have to pay a fee about 2000rs and fill some papers. But you will receive more offers including the open offers.

As per our policy, only students who are enrolled to any institution or college are eligible to apply for internships abroad. Also allow me to briefly explain about the entire program to you.

IAESTE is an organisation that facilitates student exchange programs only for internships. We span a network of universities and companies in over 80 countries worldwide.

To be able to apply for internships, you must be a member of any Local Committee (LC) of IAESTE India. After you have received your internship offer and have done extremely well, there is a slight chance of you landing a job in your place of interest.

Please note the following points.

- You will first have to register yourself with any of IAESTE India's LCs.
- Once a registered member with any of the LCs, you will be provided with certain privileges by the respective local body in terms of internship offers for your field of study for you to choose from.
- As far as financial liabilities go, the student has to pay a nominal membership fee, placement fee and also incur the flight cost. As all internships are paid, the stipend takes care of the basic necessities wherever you may be.
- There are various countries you can choose from based on your field of studies to apply for an internship, you can gain further info from the LC you wish to apply with.
- In case you wish to find an internship on your own, IAESTE can play a crucial role too, by helping you with your VISA process.

Since there is no LC in your institution, you can visit any of the following links to apply as an Outstation Member to an existing LC.

LC Manipal - <https://iaeste.in/manipalmu/membership.html>

LC JECRC - <http://iaestejecrc.com/membership.jsp>

LC KU - <https://webapps.karunya.edu/iaeste/students>

LC MUJ- <https://www.iaestemuj.in/>

Procedure for selection: Once you become a member, your LC will forward offers to you from various countries as they become available. You can choose which offers you wish to apply for, and your application is evaluated based on your suitability to the offer. If you are the most suitable candidate, you will prepare a document recommended by us for the employer (university or corporate firm) and upon their approval, your internship will be confirmed.

Please do not hesitate to revert with further queries or discussion.

I strongly suggest that you follow us on instagram and facebook for more information about IAESTE India:-

Facebook:- <https://www.facebook.com/iaesteindia/>

Instagram:- [https://www.instagram.com/iaeste\\_india/](https://www.instagram.com/iaeste_india/)

Website: [www.iaeste.in](http://www.iaeste.in)

International Website: [www.iaeste.org](http://www.iaeste.org)

**PS: IAESTE GERMANY ALSO COMES UNDER DaaD Organization**



## **IMPORTANT INFORMATION ABOUT YOUR TRAINEESHIP IN GERMANY – PLEASE READ CAREFULLY!**

### **GENERAL INFORMATION**

The national committee of IAESTE Germany is located in Bonn as a part of the German Academic Exchange Service (DAAD). Here, the administrative issues of your training are arranged. In Germany there are numerous local committees. In general, the local committees will meet you when you arrive and help you to get in touch with the employer as well as with the public authorities. All of us will do our best to make your stay as pleasant as possible. Not all traineeships are based in large cities where you can find local committees. You will find information regarding the nearest local committee at your form „O“. In case there is no local committee IAESTE might not be able to contact you on a regular basis.

### **WHAT WE EXPECT FROM YOU**

We put a lot of effort in raising the IAESTE jobs in Germany. The companies are assured of highly qualified and motivated students for the job. It is therefore required that you read the job description carefully and apply only if you consider yourself qualified. For a satisfactory working relationship between the company and the trainee, it is expected that the trainee has good social skills and can take initiative.

### **IMPORTANT DOCUMENTS FOR YOUR APPLICATION**

1. Student Nominated Form – *can be downloaded at the IAESTE Exchange Platform*
2. Form „O“ – *can be downloaded at the IAESTE Exchange Platform*
3. Introductory letter to the employer
4. Curriculum Vitae
5. Transcript of records
6. Language certificate
7. Certificate of enrolment – *please only use the attached form*  
*Please note: You must be enrolled during the whole period of training!*
8. Copy of passport

### **THE FORM „O“**

**Work offered:** It is important to read the job description carefully, as the company expects you to have some knowledge of the particular work offered.

**Work period:** The period of work is stated on the form „O“ and can only be altered to another period if the employer agrees to the new dates. Please apply always for full month, beginning at the first day of each month.

**Language requirements:** Please prove your language skills with a current language certificate. The language skills which are required from the employer need to be proven. Most Germans speak at least basic English. If your language skills differ significantly from what is stated in the certificate, the training may be terminated.



**Accommodation:** Unless explicitly mentioned otherwise, the local committee will organize your accommodation. You have full financial responsibility for the rent. Also, for booking accommodations it's necessary that your internship will last whole calendar months because the rent has to be paid by you for full months. Please note that in Germany, usually male and female students share the same floor and sometimes share a bathroom in student dorms or in shared student apartments.

**Payment/taxes:** Your salary is normally paid monthly at the end of each month according to the amount stated on the form „O“. If your training ends before the end of a month, the salary will be paid proportionally for the days you completed.

Foreign students who are in Germany for a practical training and who receive a payment from the employer must pay a certain percentage of their wages as social security contributions. You are exempted from this payment if you receive your wages from the DAAD only and/or if your training is a compulsory part of your course of study. This must be confirmed at the certificate of enrolment.

## **ADDITIONAL INFORMATION**

**The DAAD portal:** In case of acceptance, you must register yourself at the DAAD portal. Any important information will be sent with your acceptance. Payment and insurance can only be activated after you have finished the necessary steps.

**Payment:** You need to have sufficient funds for the first month, approximately 750,00 €, to cover your expenses until you receive your first salary. The expenses include for example living costs, rent, telephone costs or public transport. The DAAD does not offer financial support for travel costs or airfare.

**Insurance:** In order to complete an IAESTE training in Germany, an adequate health-, liability- and accident insurance is mandatory. The DAAD will take out and pay the insurance for you during the period of training.

**Visa/Passport:** You are required to apply for a visa at your nearest German Embassy or Consulate. It is important to apply as soon as you get your acceptance papers from IAESTE Germany. The application procedure sometimes takes 8 to 12 weeks. Make sure you have a valid passport before leaving for Germany.

**Work permit waiver:** The DAAD issues the work permit waiver which has to be confirmed by the German Federal Employment Agency. Since this is an official document, you are not allowed to write on it. In general, students from EU countries, EEA countries and Switzerland do not require a work permit waiver for a practical training in Germany.

**If you have any further questions, please consult your IAESTE national committee.**

**Finally, we would like to wish you good luck for your application!**

Die Bundesagentur für Arbeit benötigt die folgenden Angaben für die Genehmigung eines studienfachbezogenen Praktikums.  
Danke für Ihre Mitwirkung!  
The German Federal Employment Agency needs certain information to be able to decide on the approval of an internship.  
Thank you for your cooperation!

## Immatrikulationsbescheinigung Certificate of Enrolment

.....  
(Bezeichnung der Universität/Hochschule // **Name of the university/college**)

Anschrift der Universität/Fachhochschule .....  
**Full address of the university/college** .....

Homepage: .....

Nachname(n) der/des Studierenden  
**Last name(s) of the student**

.....

Vorname(n) der/des Studierenden  
**Given name(s) of the student**

.....

geboren am  
**Date of birth**

Tag Monat Jahr  
day month year

Staatsangehörigkeit .....  
**Citizenship**

Studiengang  
**Programme of study**

☐

Bachelorstudium  
**undergraduate**

☐

Masterstudium  
**graduate**

☐

Doktorand  
**postgraduate**

☐

andere Hochschulbildung mit Mindestlaufzeit von 3 Jahren  
**other higher education with minimum duration of 3 years**

Studienfach: ..... angestrebter akad. Grad: .....  
**Subject of study** **expected academic degree**

Die Studienordnung beinhaltet ein Pflichtpraktikum: ☐ Ja ☐ Nein

**An internship is a mandatory and integral part of the course of studies:** ☐ Yes ☐ No

Vorgeschriebene Dauer des Pflichtpraktikums: ..... Monate, davon bereits absolviert: ..... Monate.

**Length of the mandatory internship: ..... months. Have parts of the internship already been done:**

☐ No ☐ Yes, ..... months.

Eingeschriebene/r Student/in seit  
**Enrolled as a student since**

Tag Monat Jahr  
day month year

Regeldauer des Studiums ..... Jahre  
**Duration of study** **years**

Wenn alle formalen Voraussetzungen des Studiums erfüllt sind, wird das Studium am ..... beendet.  
**The programme of study will be finished by**

Tag Monat Jahr  
day month year

Datum:

**Date**

Tag Monat Jahr  
day month year

.....  
Stempel der Universität/Fachhochschule  
und Unterschrift einer autorisierten Person  
**Stamp of the university/college**  
**and signature of an authorized person**

# Call for 2020 CCU Summer Internship (Graduate/Under-G)

College of Engineering, National Chung Cheng University  
(CCU), Taiwan

- 1. Goal:** The goal of this summer internship is to fulfill the collaborations between CoE/CCU and other international universities.
- 2. Plan:** CoE of CCU would provide opportunities of summer internship for students for at least 7 weeks during Mar. 1 to Aug. 31 (for more than 3 months, it is not limited by the above period). Applicants should read the requirements of each research topic carefully, finish the online application form, prepare related documents (such as transcript, research plan, certificate of language proficiency, recommendation letter, etc.), and send the ZIP-compressed file (containing PDF files) to our D IA (Division of International Affairs).  

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The title of the e-mail **please be marked with "Application for 2020 CCU summer intern"**. All the **intern research topics and their requirements** are listed below.  

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- 3. Requirement:** The applicants should be graduate or at-least grade -3 undergraduate students. Students who will be graduated before July 2020 will not be accepted.
- 4. Intern period :** The summer break for CCU is from middle June to middle September. However, considering the different summer break of partner universities and the vacancy of the student dormitory, the intern period will start from March 1st the earliest and end on Aug. 31st the latest.
- 5. Scholarship:** research topics are offered in two types: (A) scholarship and (B) self-supported. Each applicant can have a most 6 priorities about the preferred research topics, e.g., (P9B, P11A, P10A, P8A, P8B, P4B). For type-A, the accepted applicant will be offered with a scholarship covering the flight fare (maximum NTD10,000), living expense (NTD 1,500 for one week), and free on-campus accommodation (however, he/she should pay for the fees of electricity and internet bill/herself). For type-B students, we will arrange on-campus accommodations for them and the fee is about NTD4000-5000 for 2 months.
- 6. Review:** The review of application is based on the following criteria: (1) GPA, (2) prior technical experience, (3) future research plan, and (4) language proficiency. Essentially, for type-B students, the acceptance threshold will be lower. **For type-A students, we prefer to accept students with higher GPA, experienced, and longer intern period (e.g., at least 3 months, depending on respective advisor).**
- 7. Important dates:** The deadline for application is Nov. 30, 2019. Note that this is a hard deadline since our schedule is tight. Applications with missing documents will be ignored without further review. The review result will be announced around Dec. 12, 2019 and notification of acceptance/declination will be sent to each applicant individually.

## AEROSPACE INTERNSHIPS:

One of the best colleges for aerospace is ISAE SUPAERO, check this link below for their requirements of interns/ MS/PhD candidates.

Link: <https://www.isae-supaero.fr/fr/recherche/projets-de-recherche-et-stages-research-projects-and-internships>

## UTokyo Amgen Scholars Program:

For biology related science.

[https://www.u-tokyo.ac.jp/en/prospective-students/amgen\\_program.html](https://www.u-tokyo.ac.jp/en/prospective-students/amgen_program.html)

## Georgia Tech (GT):

Wei Wang, Assistant Professor, School of Industrial Design, is the incharge of internship in GT, so contact him directly.

