IR Newsletter Oct 2019

1. Newton Bhabha Fund - PhD Placement Programme

The British Council- India, the Department of Science and Technology (DST), the Department of Biotechnology (DBT), India and Indian Higher Education Institutions are pleased to invite applications for funding to support short-term PhD placements between UK and Indian institutions.

It is the sixth consecutive year Newton Bhabha Fund India, in partnership with DST and DBT is offering an opportunity for the UK and Indian PhD scholars to spend a period of their study (2 to 4 months) in Indian and UK higher education institutions taking place between March 2020 to December 2020.

Key Dates:

Deadline for receipt of applications: 22 October 2019

Selection results announced in December 2019

Placements to take place between: March 2020 and December 2020

For eligibility and more details, please visit -
https://www.britishcouncil.in/programmes/higher-education/newton-fund/phd-placements

2. IITKGP Foundation USA

The IITKGP Foundation of USA has instituted a fund for the students of IIT Kharagpur, to be awarded each year for availing high-quality international research and professional internships. Grants of USD 3000-5000 will be awarded to a number of meritorious students across all levels and departments/schools/centres based on the quality of the host institution/company, the quality of the proposed internship and the academic standing of the applicant. The awardee can also arrange additional sources of support, if necessary but should duly disclose them to the Foundation.

Deadline for Application: 15 January, 2020

Application procedure: Log in to the FTP.

3)Warwick Manufacturing Group (WMG)

IIT Kharagpur has an active student internship program with the Warwick Manufacturing Group (WMG) at the the University of Warwick, UK where every year they offer funded internships to about 10 UG and PG students. As part of the internship programme, the student spends 2-3 months at WMG working on a project jointly formulated by his/her home supervisor at IIT Kharagpur and host supervisor at WMG. After coming back from the internship the student is expected to continue working on the same project at IITKGP for his/her BTP or MTP.

The announcement for the WMG projects are expected to be released in October 2019 for the Summer 2020 program.

4. VIPRA

VIPRA is a multi-university research project on the spread of diseases through air travel, funded by the National Science Foundation. This position will provide a training opportunity for students who are interested in a PhD in the future. Students can expect to acquire skills in parallel programming, machine learning, and software engineering in a public health context.

Start Date: Either Spring 2020 or Fall 2020 semesters.

Eligibility:

1. Applicants must meet all the admission requirements for admission to the Master's programme in Computer Science at UWF and should have a GPA of over 3.5 (on a 4.0 scale) and GRE quantitative score over 160.
2. Applicants should have strong programming skills in C/C++ in a Unix environment and be proficient in data structures and algorithms.

For further information, visit: https://www.cs.fsu.edu/vipra

5.NTU India Connect

Nominations will be invited to the NTU-India Connect Research Internship Program, a short-term, university-run research program lasting 2 to 6 months. The NTU summer internship is open to graduates of the penultimate year who have not yet studied at NTU.

This is a paid internship program. The grant is only valid for the duration of the program at the NTU. Both International and Indian students can apply for this internship program.

Eligibility for Scholarship

1. Open to Pre-final year graduates/undergraduates who have not studied in NTU previously.

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. (Dual Degree)	5 years	Pre-final year – End of 4th year

2. Students must possess good academic track records.
3. Students must be a student pursuing his / her studies in an Indian University / Institute of higher learning upon the period of his / her internship with NTU.
4. Students that meet the minimum requirement with scholarships, publication and internship experiences will be given preference.

Application Deadline:

The opening and closing dates for NTU-India Connect Research Internship Programme 2019 are stated below.

Batch 1 (15th July 2019 to 31 August 2019)

Batch 2 (1st November 2019 to 31st December 2019)

Batch 3 (1st February 2020 to 31st March 2020)

For more information, visit - http://global.ntu.edu.sg/GMP/ic/Pages/default.aspx

6. DAAD Working Internships in Science and Engineering

The programme targets Indian students pursuing a degree in the fields of science and engineering who wish to do a research internship at a publicly-funded German higher education institution or a research institute. Students pursuing Bachelor degree/ Dual degree/ integrated programmes in subjects like engineering, mathematics, natural sciences etc. from selected Indian universities can apply for scholarship for 2-3 months internship at institutions of higher education and research institutes in Germany.

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) status established before 2010 and availability of 4- and 5-year undergraduate and integrated Master's degrees respectively.
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.

Application Deadline: 1 November

For more information, visit - https://www.daad.de/deutschland/stipendium/datenbank/en/21148-scholarship-database/

7. Dual Doctoral Program (DDP) with Curtin University:

The program is open to first year doctoral students of the Home Institution. The student needs to spend at least 1 year in the partner Institution doing research under joint supervision. The thesis is evaluated by each Institute according to its own rules and the joint nature of the work is acknowledged in the two-degree certificates. Funding on both sides is available.

If you wish to supervise DDP students, please encourage your graduating UG/PG students and first year PhD students to consider this opportunity. Please also get in touch with your collaborator at Curtin University and define an appropriate research proposal. Additional information may be sought from Prof. Bhargab Moitra, bhargab@civil.iitkgp.ac.in faculty coordinator of Curtin DDP.

We have similar DDPs with other universities, information on which will be provided in our subsequent newsletters.

8. ASEAN- India Research Training Fellowship (2019-20)

This is a fellowship program of Department of Science & Technology (DST), Ministry of Science and Technology, Government of India with Federation of Indian Chambers of Commerce and Industry (FICCI) as its implementation partner aims at enabling young researchers from ASEAN Member States to carry out research at an Indian host research/academic Institution.

This flagship program is a fully funded scheme under which fifty (50) ASEAN researchers are selected every year to undertake a research project for a period of two (02) to six (06) months at an Indian Institute in all areas of Science and Technology. In 2018-19 more than 80 ASEAN young researchers have been awarded these fellowships.

For more information, visit - http://aistic.gov.in/ASEAN/aistdfFellowship or contact:

The AIRTF Secretariat by email: airtfscholars@ficci.com