

IR Newsletter Sept 2019

1. Dual Doctoral Program (DDP) with University of Melbourne, Australia:

The program is open to first year doctoral students of the Home Institution. In order to be eligible, the student must complete his/her coursework and comprehensive exam within 12 months of enrollment and have a minimum CGPA of 8.5. The student needs to spend 12 to 24 months 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 UoM and define an appropriate research proposal.

Additional information may be sought from Prof. Goutam Das, GSSST, Co-ordinator of the IITKGP-UoM DDP, the OIR and the MIPA portal at <https://mipa.unimelb.edu.au/mipa-students/>.

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

2. Australian National University Future Research Talent (ANU-FRT):

The ANU-FRT awards provide selected Indian students with an opportunity to travel to the Australian National University to pursue collaborative research, for a period of 10-12 weeks, in a range of Science, Health and Medicine disciplines. The FRT is a competitive and prestigious program attracting the best students from top tier Indian institutions.

Research areas include: • Astronomy & Astrophysics • Biology • Chemistry • Earth Sciences • Environment and Sustainability • Mathematical Sciences • Medical Research • Physics and Engineering • Population Health • Science Communication

Undertake a collaborative research project in 2020

- 10-12 weeks
- May-August 2020
- AUD\$6,000 Travel Grant
- Applications open: Mid-September 2019
- **Applications close: 3 November 2019**

IIT Kharagpur has been identified by ANU as a strategic partner for this program. We can nominate 15 students (highest among Indian institutions) out of whom ANU will choose the top ones. From 2020, the program has also been opened up for Ph.D. scholars. Doctoral students who are already working on collaborative projects with ANU will be given strong

consideration. Thus, faculty members having ongoing collaborations with counterparts with ANU are encouraged to encourage their students to apply for this program on our IR FTP portal.

For more information: science.anu.edu.au/FRT/India

3. Newton Bhabha Fund: Ph.D Placement Call Announced

[Newton Bhabha Fund PhD Placement 2019-20](#) is now live!

The British Council- India, the Department of Science and Technology (DST), the Department of Biotechnology (DBT), India and Indian Higher Education Institutions invite applications for funding to support short-term PhD placements between UK and Indian institutions. DBT is offering 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: **8 October 2019**

Selection results announced in **December 2019**

Placements to take place between **March 2020** and **December 2020**

4. IIT Kharagpur - University of Delaware Summer Scholar Exchange Civil and Environmental Engineering Summer 2020

This undergraduate student exchange involves a 10-week research experience in Civil and Environmental Engineering under the mentorship of a faculty member.

The anticipated timeframes are:

- May 1 - July 10: IIT Kharagpur students at UD
- June 1 - August 10: UD students at IIT Kharagpur.

For UD students visiting IIT Kharagpur, IITKGP will provide housing, meals, and free airport pickup and drop off. For IIT Kharagpur students visiting UD: UD Civil and Environmental Engineering will provide \$4,500 for 10 weeks in 2020.

Students are responsible for airfares and visas.

If you wish to mentor UD students, please upload your project on the FTP portal for inbound students.

5. UK-India Education and Research Initiative (UKIERI): Mobility Programme: Study in India

UKIERI has announced a funding call for mobility of UK students to spend some short-term time in Indian higher-education institutions. Interested Faculty members of IITKGP are invited to put together a joint application with UK Universities. This would provide support for UK Undergraduate students to engage in a short term study and research activity at IIT KGP, working/studying in a chosen theme that can be mutually developed.

If you would like to host UK students, please contact your collaborators from eligible UK universities and submit your proposal.

Call closes: Monday 14 October 2019

6. IITKGP-University of Auckland: Jointly guided funded student projects with University of Auckland

IIT Kharagpur and the University of Auckland, NZ, are keen to build up a strategic long-term academic collaboration through funded joint supervision of students. We are also working toward a fully funded joint doctoral program slated to start in 2020.

The 3rd year UG student will be jointly guided by the IITKGP and UoA faculty team not only during the summer, but throughout the fourth year (as part of BTP or other project work). This joint guidance will help build up long term collaboration between the two faculty members. The year-long research collaboration may culminate in joint guidance of a student to be enrolled in IITKGP-UoA joint PhD degree program.

Announcement will be made in Nov/Dec.

7. Warwick Manufacturing Group (WMG)

IIT Kharagpur has an active student internship program with the Warwick Manufacturing Group (WMG) at the University of Warwick, UK where every year they offer 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.

8. Texas A&M University (TAMU)

The student exchange program between IIT Kharagpur and Texas A&M University, USA (TAMU) promotes 2-way mobility of students from IITKGP and TAMU to the other institution for short term research stays. Thanks to active support of our Distinguished Alumnus Dr. Asoke Dey Sarkar, the 2020 edition of the program will support the mobility of 4 students each way. The program provides funding for covering the local hospitality of the students during their stay (at IITKGP or TAMU) including accommodation, food and airport transfers.

Faculty members of IITKGP are strongly encouraged to float projects and host the students of TAMU for summer of 2020.

9. WIN-MITACS program

A unique program with the University of Waterloo, Canada, the WIN-MITACS program supports 2-way mobility of students from IITKGP and UW through a unique funding program from Waterloo Institute for Nanotechnology (WIN) and MITACS. As part of this scheme, WIN-MITACS supports the internship of students from both institutions for 3-4 months with a consolidated grant of CAD 6000/- per student. Up to 10 incoming students and 5 outgoing students can be supported every year under this scheme.

Project proposals are invited from IITKGP faculty members to host the UW students for the Jan-Apr 2020 term.