

February 2020 Newsletter

1. Dual Doctoral Program (DDP) with University of Alberta, Edmonton-Canada:

IIT Kharagpur and the University of Alberta, Canada have signed the Joint Doctoral Program Agreement in January, 2020. Both Institutes are looking to build up a strategic long-term academic collaboration through fully funded joint supervision of students.

Collaborating Professors from UAlberta and IITKGP will jointly identify research projects for Joint Degree students as part of their Doctoral studies. The thesis is evaluated by each Institute according to its own rules and the joint nature of the work is acknowledged in the degree certificate. Funding is available on both sides.

For more information please log on to: www.ualberta.ca/graduate-studies/prospective-students
Interested students may contact Office of IR by end February, 2020.

2. Global Visiting Fellowship Scheme at Bournemouth University, UK:

Bournemouth University UK is providing 2 opportunities for Faculty members and Students of IITKGP.

I. **The Global Visiting Fellowship Scheme** is available for faculty members to visit Bournemouth on a paid fellowship for a 3 year period and for engaging in collaborative research in the fields of:

1. Sustainability, Low-Carbon Technology & Materials Science
2. Assistive Technology
3. Medical Science
4. Animation, Simulation & Visualisation

Please visit <https://www.bournemouth.ac.uk/study/global-bu/global-partnerships/bu-global-visiting-fellowship-scheme> for additional information.

Deadline for application is 24 March 2020.

II. Applications are also invited for **student internships** at Bournemouth University. Students will be hired for a 2.5 months internship in the following areas:

1. Development of a device using 3D-printing and assembly – must have experience in using Solidworks / 3D-printing (no training will be given).
2. Development of Android/Apple based apps for creating patient questionnaires – must be experienced in smartphone programming.
3. Image processing of ultrasound or Near infrared imaging – must have experience of programming/image processing.

Final year students (particularly with Mechanical Engineering background) will be preferred. 3rd year B.Tech and 4th Year DD students with appropriate expertise will also be considered.

Students with right skills and experience may be considered for further opportunity after the completion of their internship.

Bournemouth will pay a Stipend of £1500/month

For additional information for both these opportunities please contact Prof. Anandaroop Bhattacharya, Associate Dean IR.

3. Sri Gopal Rajgarhia International Programme (SGRIP) at IITKGP

Applications are invited for various schemes under Shri Gopal Rajgarhia International Programme (SGRIP). Emphasis in this round is on 'Scheme 4 - International Student Scholarship for Degree Programs' (Masters and Doctoral). If you know of prospective international students who would like to work with you towards his/her MTech/MSc/PhD studies, please encourage them to apply at <https://international.iitkgp.ac.in/type/> and indicate SGRIP as potential funding source in their application.

Applications for this session will be accepted until **Friday the 13th March 2020**. The activities of the approved proposals under Schemes 1,2,3& 5 should be completed by 31st **December 2020**. For Scheme 4, the activity must commence in Autumn 2020.

Please note the following:

- Application must contain all the details as per proposal guidelines available on https://international.iitkgp.ac.in/static/website/SGRIP/SGRIP%20Guidelines_July2019.pdf.
- Application is to be made using the relevant application forms. These forms are available from the IIT KGP International Relations webpage (<https://international.iitkgp.ac.in/funding2>).
- Application must be routed through the head of the academic unit.
- Please submit application in hard copy to Office of International Relations and email soft copy of the same to ir-office@adm.iitkgp.ac.in

Please contact Prof. Soumya De (School of BioScience) or Ms. Koushiki Mukherjee IR Executive for further assistance.

4. Raman Charpak Fellowship Programme, India and France:

This fellowship programme is dedicated to highly qualified PhD students registered in an Indian or French Research Institute and to Masters and Ph.D students from France. The programme offers an excellent opportunity to carry out a part of their research project in the other country and to further establish professional relationships, promote new S&T cooperation, and experience different cultures. If you have qualified Doctoral students working under you, please encourage them to apply. Alternately, if you have French Collaboration under which you can receive French Ph.D or Masters students, you are encouraged to further look into this opportunity.

Eligibility:

- Applicants from India must be Indian citizens residing in India and have registered for a PhD in a recognized university or research institution in India

- Applicants from France must be residing in France and have registered for a PhD/ Master's degree in a recognized university or research institution in France
- Maximum age is 30 years as on 1st April
- Students once supported by CEFIPRA or having a permanent position in institutions/universities are not eligible
- Has obtained pre-authorization or prior consent from Home Institute to apply for a foreign fellowship program

Timeline:

Students	Indian & French PhD Students	French Masters'
Launching	April/May	April
End of Deadline	June/July	October
Declaration of Result	End- September (Tentative)	Mid-December (Tentative)
Starting date of fellowship	Mid-October onwards	Mid-January(following year)

Link: http://www.cefipra.org/Raman_Charpak.aspx

5.Research in Industrial Projects for Students (RIPS) 2020, UCLA, USA:

The Research in Industrial Projects for Students (RIPS) Program provides an opportunity for talented undergraduates studying math, computer science, and related disciplines to work in teams on real-world research projects proposed by sponsors from industry or the public sector. The student team, with support from their academic mentor and industry mentor, will research the problem and present their results, both orally and in writing, at the end of the summer program.

The Research Experience for Undergraduates (REU) program is of nine weeks. The Institute for Pure and Applied Mathematics (IPAM) provides each undergraduate student with a travel allowance and a stipend of \$3,500. Housing and most meals are also included.

Link:

<https://www.ipam.ucla.edu/programs/student-research-programs/research-in-industrial-projects-for-students-rips-2020/?tab=overview>

Eligibility:

- An undergraduate student enrolled in a bachelor's degree program.
- Students with a strong background in mathematics.

Deadline: 12th Feb,2020

6.Industrial Technology Research Institute (ITRI) Taiwan - Internship program 2020:

Industrial Technology Research Institute (ITRI) is one of the world's leading technology R&D institution aiming to innovate a better future for society. It focuses on the fields of Smart Living, Quality Health, and Sustainable Environment. Each summer ITRI hosts around 35 international students for internships of 2-3 months. ITRI also offers a limited number of internships for 4-6 months during Spring, Summer, and Fall.

Eligibility:

- This program is open to graduate and undergraduate students currently enrolled at recognized colleges and universities. Accepted interns MUST be a registered student during and after the completion of their internship and must be able to provide documentary evidence of their student status.
- Candidates must hold a valid passport from a country other than Taiwan (ROC).

Deadline: 31 March 2020

Link: <https://www.itri.org.tw/>

7. University of Auckland, Northern Hemisphere Summer Research Scholarships, New Zealand -

IIT Kharagpur has entered in a long term strategic partnership with University of Auckland, New Zealand. As part of this engagement, UoA is offering summer internships to UG students of IIT Kharagpur. Students will conduct a research project under mentor supervision for eight weeks between June and August at New Zealand's leading university. They will receive a tax-free stipend of up to NZ\$4,400 and NZ\$2,000 towards travel.

Eligibility:

- Students must have completed at least two years of equivalent full-time study in an undergraduate degree at the time of the award, or be enrolled in a sub-doctoral postgraduate programme at the time of application (and won't be starting doctoral study either before or during the tenure of the scholarship).
- They must have a scholarship GPE of 7.00 or above (comparable to a strong 2:1 or 1st at undergraduate level; or a strong Merit or Distinction at postgraduate level).

Preference will be given to those applicants who will help contribute to the growth of long term partnership between the two Institutes.

Link:

<https://www.auckland.ac.nz/en/study/scholarships-and-awards/scholarship-types/undergraduate-scholarships/northern-hemisphere-summer-research-scholarships.html>

Deadline: 11th Feb, 2020.