

March Newsletter

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

Applications are invited for various schemes under Shri Gopal Rajgarhia International Programme (SGRIP). The 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 a 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:

- The 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>).
- The application must be routed through the head of the academic unit.
- Please submit the application in hard copy to Office of International Relations and email a 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.

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. 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.

As part of this partnership, collaborating faculty members from U of Alberta and IITKGP will identify research projects for the joint degree students as part of their doctoral studies. The thesis will be evaluated by each Institute according to its own rules. As per the agreement, the student will be required to spend a period of 6 – 12 months in the host institution during the course of his/her doctoral studies. The student will get a degree certificate from the home institution ONLY; however, the parchment will acknowledge the joint nature of the work.

The program is now open for enrolment. As part of the first year (2020), the following points may be noted:

- a. Both University of Alberta and IIT Kharagpur will receive up to 2 doctoral students from the other Institute to spend 6-12 months.
- b. As part of the agreement, tuition fees will be waived for the visiting student by the host institute.
- c. U of Alberta will pay CAD 20,000 per year to the visiting student from IITKGP (amount will be prorated for stays of lesser duration) towards non-instructional fees, living expenses including food and accommodation, health insurance, local transportation and other miscellaneous/incidental expenses.
- d. IITKGP will pay a stipend at prevailing JRF/SRF rates to the visiting students from U of Alberta to cover for non-instructional fees, on-campus accommodation, food, health insurance and miscellaneous expenses.
- e. No additional funding will be provided for travel, visa or related expenses.
- f. It is expected that the planned work at the host institute will be completed in 1 visit. If a repeat visit is required, funding will have to be arranged by the student or the supervisors.

Normally, the student has to be in his/her first year of studies for being nominated to the Joint Degree program. However, for the year 2020, we will accept senior students as well.

In light of the above, we strongly encourage you to reach out to your potential collaborators at University of Alberta and identify projects and students for availing this opportunity.

All information on the JDP with Alberta can be obtained at the OIR.

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

IIT Kharagpur and University of Auckland are looking to build up a strategic long-term academic collaboration through fully funded joint supervision of students.

To this end, there are two Institute level programs, funded by University of Auckland have been developed:

UG Internship for 3rd Year B.Tech/4th Year DD students of IIT Kharagpur:The 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.

Joint Ph.D Program for fresh doctoral students of IIT Kharagpur or University of Auckland: The joint doctoral student will pursue their research under the supervision of academics in both institutions and will split their time between the two campuses. Doctoral candidates will have access to opportunities at both institutions, whether it is related to their research programme or their professional development. A single thesis will be submitted at the end which will be examined by both institutions, and if accepted by both, the student will be awarded a testamur bearing the seals of IIT Kharagpur and the University of Auckland.

In light of the above, we strongly encourage you to reach out to your potential collaborators at University of Auckland and identify projects and students for availing these opportunities.

All information on the DDP with Auckland can be obtained at the OIR

5. ITRI Global Internship Program

ITRI is a world-leading applied technology research institute with a mission to drive industrial development, create economic value, and enhance social well-being through technology R&D. Each summer ITRI hosts around 35 international students for internships of 2-3 months.

Deadline: 31 March 2020

Duration:

- Summer Interns should be available to work for at least 10 weeks between May and September. Longer internships of 4-6 months are possible throughout the year.
- Dates are flexible depending on student and department needs, and are decided case-by-case when acceptance offers are made. Please indicate your desired internship dates in your application.

Eligibility:

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

Location: Industrial Technology Research Institute (ITRI) Taiwan

Weblink:

<https://www.itri.org.tw/english/ListStyle.aspx?DisplayStyle=05&SiteID=1&MmmID=6177315314322463>

6. Global Challenges Research Fund Networking (GCRF) Grant

The scheme allows researchers from across disciplines and from developing countries and the UK to hold networking events, to forge new links and generate innovative trans-disciplinary research ideas to address global challenges.

Applicants can be from any discipline, and applications should focus on building a collaborative network. Therefore proposals should be submitted jointly by a lead overseas researcher from a developing country and a lead researcher based in the UK.

To be eligible to apply, both applicants must:

- Have completed a PhD or have experience at an equivalent level
- Have proven research experience in their field
- Hold a permanent position at an eligible institution (in the UK or a DAC-listed country), or a fixed term contract for the duration of the award

India is a DAC-listed Country.

Applications are invited from researchers affiliated to institutions in DAC-listed countries in collaboration with researchers within eligible UK higher education institutions (HEIs).

Applications must be submitted using the Academy's online grant management system: 'Flexi-Grant'. Please note that all final submissions must be made through the online portal:

gcrfnetworking@acmedsci.ac.uk

Deadline: 31st March, 2020

Location: UK

Website:

<https://acmedsci.ac.uk/grants-and-schemes/grant-schemes/gcrf-networking-grants?fbclid=IwAR2cBQQqa1SbL5zv2Aq6UW4awOGV-Q6nz-09gHOIOdp6lH5QIvWLBkH5TIE>

7. XVI International Forum-Contest of Students and Young Researchers

The XVI International Forum-contest of Students and Young Researchers "Topical Issues of Rational Use of Natural Resources" is an open platform for discussing topical issues of development of Russian and global mineral resources and fuel and energy complexes.

Participation in the Forum-contest gives you a unique opportunity to present your work in front of the audience which represents more than 30 countries, to meet the representatives of government institutions and specialists from academic and business communities, to find potential partners and share the ideas with young researchers from other countries.

The Organizing Committee will allocate a grant to the registered participants of the Forum who will provide their abstracts in due time. The grant will cover accommodation at a Multifunctional Complex during the Forum-Contest and participation in the activities of the programme.

Application acceptance deadline: 03 April 2020

Duration: 20 - 22 May 2020

Location - Saint Petersburg Mining University, Russia

Website - <http://myouth.spmi.ru/en>