Advisory Committee

Prof. Suman Chakraborty, Dean (SRIC)
IIT Kharagpur

Prof. Pankaj Pankaj, Dean (South Asia) and Director,
Edinburgh India Institute

Organizing Committee

Prof. Neil Robertson, The University of Edinburgh

Prof. B. C. Meikap, IIT Kharagpur

Prof. Pulak Mishra, IIT Kharagpur

Prof. Bhagirath Behera, IIT Kharagpur

Date : 24 – 28 May, 2021 [During 1:00pm to 6:00pm]

Venue : Online Mode

IIT KHARAGPUR AND THE UNIVERSITY OF EDINBURGH VIRTUAL STUDENT MOBILITY PROGRAMME

Introduction :

The issues and underlying dynamics of water-energy-food-public health relationships are quite complex in different socio-economic conditions, policy interventions and institutional setups. In addition to innovation and development of appropriate technologies in these areas, their acceptance, adaptation, outcomes and impacts depend on various social, economic, demographic, behavioural, policy related and institutional factors. Further, often these aspects also set the directions for future research and development in the related areas. Such both way relationships and implications require sharing and convergence of knowledge, expertise and the emerging issues in the related fields through rigorous brainstorming and exchange of ideas and collaboration in teaching and research. Gaining insights from different countries on these domains and analysis of the same with a transdisciplinary approach would facilitate capacity building and gainful research toward inclusive and sustainable development.

About the Workshop :

The Indian Institute of Technology Kharagpur and The University of Edinburgh are jointly organizing five-day virtual student mobility programme during 24–28 May, 2021. The programme is fully funded by the University of Edinburgh. The proposed a virtual mobility programme focuses on developing the domain knowledge of the participants, particularly in Indian context, integrating ideas and expertise through group activities on the thematic areas and identifying the issues that these groups may continue working on in future. Thus, the programme will create a vibrant and productive platform for discussions on strengthening the water-energy-food-public health nexus in rural areas to promote socially inclusive development as well as the improve the overall wellbeing of rural households across the globe.

The workshop will also stimulate new collaborative research projects in different aspects of water-energy-food-public health nexus in rural areas, including issues relating to water treatment, water contamination, diffuse pollution, water and ecosystems, groundwater management energy usage, food production, sanitation and public health, etc. along with role of markets, policies and institutions. It will accommodate around 40 undergraduate students with 20 each from IIT Kharagpur and The University of Edinburgh, who will be fully committed to the programme. Emphasis will be given for good gender, career-stage and disciplinary balance in selection of participants. The programme is open to applications from all relevant disciplines including engineering, geology, environmental science, chemistry, agricultural sciences, geography, political sciences, social sciences, business studies, economics, informatics/data, landscape design and architecture, cultural and behavioural studies, policy and governance, etc.

Other Details of the Programme

Participation in the programme is strictly restricted to the undergraduate students of IIT Kharagpur and The University of Edinburgh only.

Participants [students of BTech. (Hons.), MTech. (Dual Degree), Integrated M.Sc., 2-Yr. M.Sc.] could be from any branches of engineering, geographical sciences, environmental sciences, bio-sciences, social sciences, economics, physical sciences, chemical sciences, management, etc.

The programme will comprise of recorded lectures, online demonstrations and interactions in a transdisciplinary framework along with joint project works by the students of IIT Kharagpur and The University of Edinburgh under the mentorship of faculty members from both the institutes

About IIT Kharagpur

IIT Kharagpur is the oldest and the largest one of the IIT system. For years, the Institute echoes Indian ethos of enlightenment. The Institute is not just the place to study and carry out research in the areas of engineering, technology and basic sciences, it also teaches the students to dream about the future of engineering and technology and beam across the disciplines, making differences enough to contribute to the changes in the world. IIT Kharagpur today is a confluence of world class multidisciplinary courses, a cauldron of academic and corporate research, a thriving hub of entrepreneurship and an enabler of best-in-class placement. (*www.iitkgp.ac.in*)

About The University of Edinburgh

From Nobel laureates and Olympic champions to space explorers and prime ministers, The University of Edinburgh has been influencing history since it opened the gates to its first students in 1583 (*www.ue.ac.uk*). Following the Scottish Enlightenment of the 18th century, the University was positioned at the forefront of academia and critical thinking. Through the many achievements of its staff and students, the University has continued to present cutting-edge research, inspirational teaching and innovative thinking as its central ethos, attracting some of the greatest minds from around the globe.

Application Format

1. Name :
2. Sex:
3. Institute/University:
4. Department:
5. Academic Programme and Roll No.:
6. E-mail:
7. Phone No.:
8. CGPA:
9. Please describe your motivation to attend the programme (150 words):
10. Please describe the expected impact of participation in the programme on your academic and professional development (150 words):

The applications must be submitted in PDF as per the above format and duly signed by the student to the following email address (only) :
iit.ukmobility@gmail.com

Important Dates

Submission of Application:	**25 April 2021**
Issue of Invitation Letter :	**05 May 2021**
Submission of Participation Consent:	**07 May 2021**
Date of the Workshop:	**24-28 May 2021**

Important Contact Details

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