Indian Institute of Technology Kharagpur

CERTIFICATE OF EXCELLENCE IN RESEARCH

#KgpProResearch

IIT Kharagpur brings a unique opportunity for professionals with doctoral degrees to be recognized for cutting edge, collaborative research. We will help you realize your dream to pursue your research ideas.

Open Research Associateship @IITKgp

The Certificate of Excellence in Research (CER) is open to bright professionals in India and abroad with doctoral degree, working in industry or research institutions, with a desire to pursue impactful research in academia and be recognized globally.

Connect with IIT Kharagpur to realize your research goal

We will help you develop a research proposal in collaboration with our faculty.

While you continue with your present professional engagement, you can opt for this programme at IIT Kharagpur in consultation with your organization

> "Intellectual growth should commence at birth and cease only at death."
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> ～Albert Einstein～

Certificate of Excellence Award

Publication of two papers in SCI-indexed Journals with affiliation of IIT Kharagpur and co-authorship with IIT Kharagpur faculty.

Grant of a patent jointly with IIT Kharagpur will be considered equivalent to a publication.

The candidates are supposed to work from their workplace with a close interaction with the Host Faculty Member including visits for discussion / experimentation whatever needed.

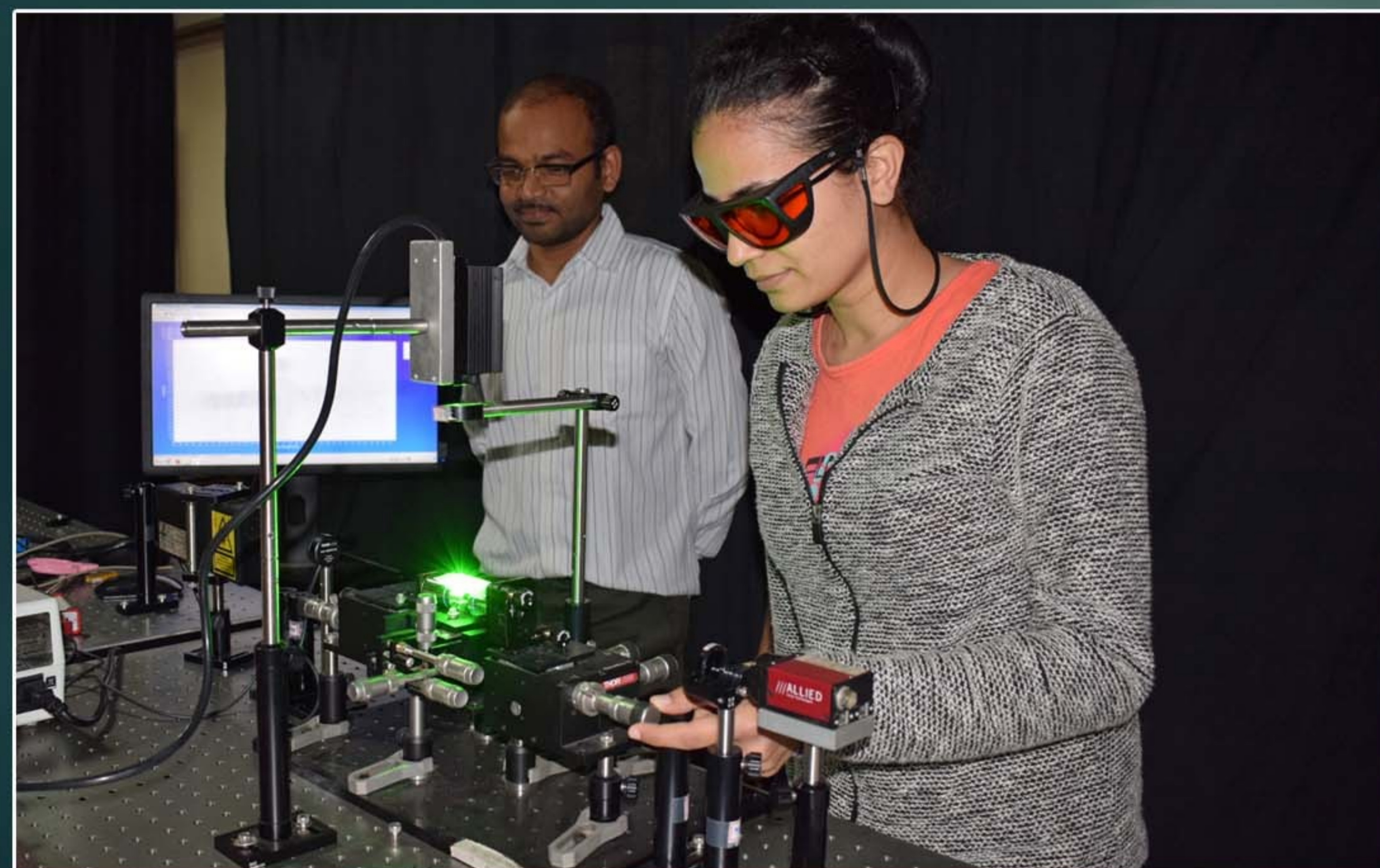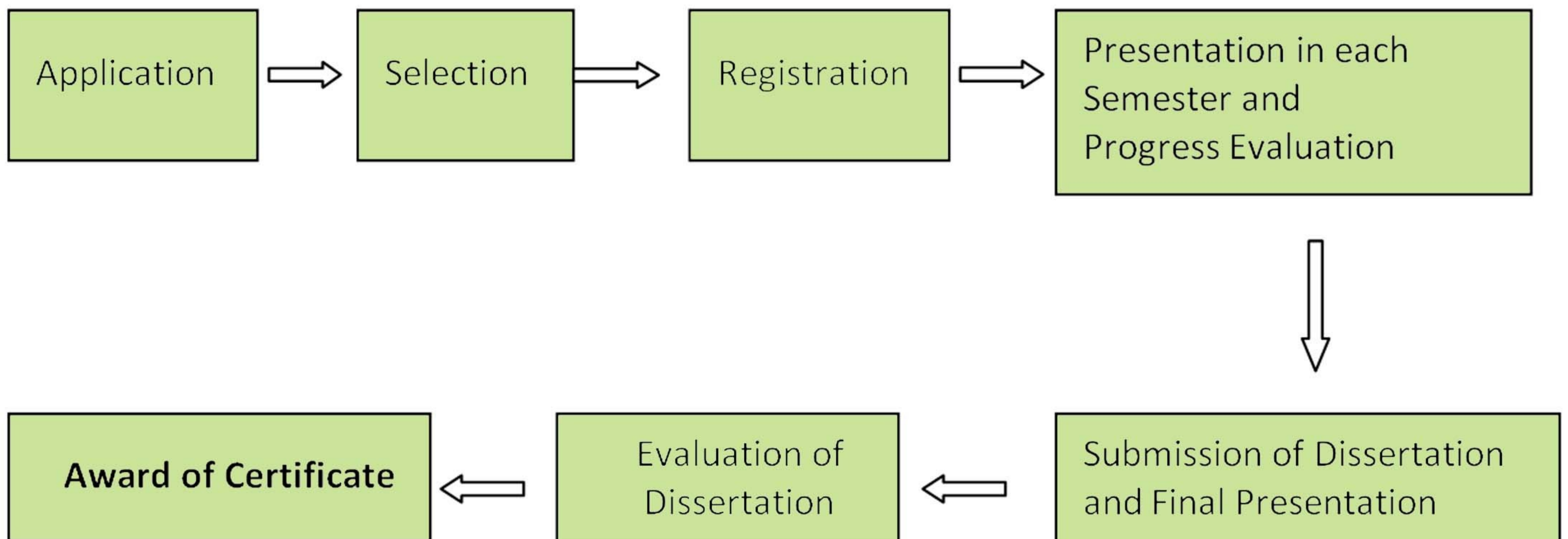The research work cannot be included in any other academic program.

What We Offer

Collaboration with a Host Faculty from IIT Kharagpur.

The Certificate of Excellence in Research will be awarded during the Convocation of the Institute.

The candidates enrolled in this program can join the Global Initiative for Academic Networks, Continuing Education Programme, Knowledge Dissemination Programme and postgraduate level micro-credit courses.

External candidates will be able to access the host faculty laboratory, centralized research and other experimental and computing facilities, and libraries of the Institute

Flow Chart for Certificate of Excellence in Research (CER) Program

Application ⇒ Selection ⇒ Registration ⇒ Presentation in each Semester and Progress Evaluation

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Submission of Dissertation and Final Presentation ⇐ Evaluation of Dissertation ⇐ **Award of Certificate**

Process of Application, Selection and Registration

Against open advertisement in the Institute website, the interested candidate may apply through ERP with a Project Proposal, Resume and Name of the host faculty member, Letter of agreement to the proposal from the host faculty member and NOC from the present employer (if employed at the time of application).

Based on the above, selection will be made by the Department and recommendation will be made to the Institute.
Selected candidate will be intimated and a Registration ID number will be generated in the ERP after the payment of registration charge.
The selected candidate is required to sign an Agreement / MoU with the Institute before joining (Details available in www.iitkgp.ac.in/cer).

Duration
2-6 years non-residential contact research programme

Programme Fee
All the candidates need to register and pay semester registration fee of Rs. 20,000/- in every semester for the entire duration of programme.

For more details please log on to www.iitkgp.ac.in/cer

About IIT Kharagpur

IIT Kharagpur, the first and the largest IIT, features among India's top research institutions with about 2000 papers are published and 50-100 patents filed each year. About 300 R&D sponsored projects are undertaken every year, valued at Rs 150 - 200 Cr. The Institute has more than 2700 research scholars and postdoctoral fellows working in various research and academic programmes.

Key Research Areas

Digital Convergence
Advanced Manufacturing
Medical Technology and Affordable Healthcare
Transportation Technologies
Innovative Infrastructure
Geoscience for Future of Earth
Information and Communication Technology

Research Accolades

Top Academic Institute for Patents 2016' by Indian Intellectual Property office and Confederation of Indian Industries
30 winners in DST-Lockheed Martin India Innovation Growth Programme (IIGP) 2016

Contact Office

Deputy Registrar (Academic)
Indian Institute of Technology Kharagpur
Kharagpur - 721302
Phone : +91-3222-282050
email : cer@adm.iitkgp.ernet.in

Indian Institute of Technology Kharagpur

Certificate of Excellence in Research

for

Clinical Specialists

"School of Medical Science and Technology with its proposed Multi-Specialty Research Hospital, has to transform into a virtual medical research university drawing the best expertise from various institutions from the country and abroad."

-A.P.J Abdul Kalam

IIT Kharagpur is determined to contribute toward developing cutting edge healthcare solutions through collaborative efforts. The institute with support from collaborating medical establishments is offering a **Certificate of Excellence in Research (CER) for Clinical Specialists**, for training and recognition of bright healthcare professionals through state-of-the-art collaborative research. This program will enable the clinical specialists to undertake co-mentored research projects with IIT Kharagpur faculty members on diverse topics ranging from clinical oncology to data-driven medical interventions and affordable healthcare delivery to solve critical challenges faced by the nation and her people.

Eligibility

- MD/MS degree in clinical subjects from a recognized university/ institution, working at IIT Kharagpur and /or collaborating institute as visiting fellows
- Clinical researcher of Foreign country and/or Academia/Industry origin working in collaboration with a host faculty under an international project or at institute level

Requirement for co-host from clinical establishment

- The candidate should identify the external co-host from a collaborating clinical establishment. The details of the co-host need to be entered during the application process with informed consent
- Member(s) of the collaborating clinical establishment will participate in the selection and evaluation process and ensure observance of good clinical practice

Key Research Areas

Clinical Oncology
Radiomics
Affordable Health
Diagnostics and Therapy
Clinical Data Science
Augmented Surgery

More details at:

http://www.iitkgp.ac.in/academics-cer