



# DOCTORAL STUDIES @ IIT KHARAGPUR

- The No. 1 Technical University of  
India

## LIFE SCIENCES

Biotechnology  
Medical Science and Technology  
Bio Sciences  
Agriculture and Food Engineering

## EARTH SCIENCES

Environmental Science and Engineering  
Geology and Geophysics  
Mining Engineering  
Civil Engineering  
Water Resources  
Ocean, River, Air and Land Services  
Petroleum Engineering

## INFRASTRUCTURE

Civil Structure  
Architecture and Regional Planning  
Infrastructure Design and Management  
Civil Transportation

## INTERDISCIPLINARY

Railway Research  
Petroleum Engineering  
Quality and Reliability  
Nano Sciences and Technology

## ENTREPRENEURSHIP AND MANAGEMENT

Business Management  
Human Resources Management  
Industrial Systems and Engineering  
Engineering Entrepreneurship

## HUMANITIES AND SOCIAL SCIENCES

Law  
Economics  
Psychology  
Science of Happiness  
Linguistics

## MECHANICAL SCIENCES

Mechanical Engineering  
Civil Engineering  
Aerospace Engineering  
Ocean Engineering & Naval Architecture

## ELECTRICAL SCIENCES

Electrical Engineering  
Electronics and Electrical Communications  
Engineering

## COMPUTER AND INFORMATION SCIENCES

Computer Science and Engineering  
Mathematics and Computing  
Computational and Data Services  
Statistics and Data Sciences  
Statistics and Informatics  
Educational Technology

## NATURAL SCIENCES

Physics  
Chemistry  
Mathematics

## MATERIALS & CHEMICAL SCIENCES

Chemical Engineering  
Metallurgy and Materials Engineering  
Materials Science  
Rubber Technology  
Steel Technology

## ENERGY

Energy Sciences and Engineering  
Bioenergy  
Cryogenic Engineering

## YOU WILL HAVE A CHANCE TO

- Conduct cutting edge research
  - Work on Mission Projects
- Collaborate with our global partners
  - Create Intellectual property
  - Launch your own start-up
    - Experience India

## THRUST AREAS OF RESEARCH

- Food Security
- Future of Cities
- Smart Infrastructure
- Advanced Manufacturing
- Geoscience for the Future of Earth
- Intelligent Transportation Technologies
- Cyber-physical systems and security
- Signals & Systems for Life Sciences
  - Affordable Healthcare
  - Science & Heritage



## UNIQUE INITIATIVES

- Centre for Railways Research
- Centre for Artificial Intelligence
- 1.3 petaflop Supercomputing Facility
- 400-bed Multispecialty Hospital & Research Institute
- Research Parks and Outreach Centers
- Centre for the Science of Happiness
- Centre for Classical and Folk Arts
  - Entrepreneurship Park

## WHO CAN APPLY

International students with excellent academic record at the bachelor's and master's levels

## HOW TO APPLY

- Explore our programs and identify your research area and mentor
- Complete the online preliminary application form
- Submit your transcripts, statement of research interests, and letters of recommendation
  - Appear for a video interview

## HOW MUCH DOES IT COST

Tuition fees: Rupees 25000 per year  
Living expenses: Rupees 100000 per year  
Other fees: Rupees 20000 per year



## ILLUMINATION ( OCT - NOV )

Diwali, the festival of lights is celebrated in a manner so unique that it stands testimony to our craftsmanship and passion

## KSHITIJ ( JAN )

This is the ultimate test of technical grit, knowledge and skill. This is one of the largest techno-management fest in the world

## SPRING FEST ( JAN )

Spring Fest is the annual Social and Cultural fest of IIT Kharagpur featuring internationally acclaimed maestros. The Fest attracts students from all over India

## EXPLORE ( Year round )

Our location provides a wonderful combination of country surroundings, coastal areas, tribal villages, heritage sites, backwaters, woodlands, Himalayan hills and much more

## SPORTS ( Year round )

Indoor and outdoor facilities for sports and games, fully equipped gym, cycling track, swimming pool, adventure sports group, intercollegiate competitions, inter-hall competitions, yoga camps etc.



## CONTACT US

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