

# IIT KHARAGPUR ACADEMIA - INDUSTRY COLLABORATION



## Why collaborate with IIT KGP?

- To look for innovative solutions from the academia to help meet the business needs of higher productivity and lower costs
- To develop a market-driven approach to higher education encouraging manpower development from the initial stage
- To impart relevant knowledge that sustains in the changing conditions
- To ease access of the industry to -
  - Continuing Education Programme in order to update the information base of the industry
  - A rich and diversified pool of graduates, post graduates and research scholars
  - Laboratory utilization

## Where to engage?

The possible interfaces

- Micro-credit:
  - Industry exposure to students as part of the curriculum
  - This is a 2 credit (12 lectures) subject which is offered by an expert from the industry along with a member of faculty of the institute
- Industrial Projects:
  - Two semester Master's project at an industry as part of the curriculum
  - This is typically for M.Tech students who have completed their two semester course work and are willing to work on an industrial project at an industry in consultation with a supervisor at the institute

## Industry Participation in Academic Events:

- These are the platforms where industry can participate and share challenges & expectations of the industry directly to the stakeholders
  - Research Scholar's Day
  - Conferences
  - Guest Lectures
  - Institute Chair Professorship

## How to proceed?

- Companies indicate the interface and the areas in which they would like to participate
- CDC identifies the relevant departments
- CDC provides the point of contact at the individual departments
- Individual departments arrange for the necessary approvals to fit the institute rules and regulations while consulting the companies
- Participating in CDC talk series

## Procedure for Micro-credit: Industry exposure to students as a part of the curriculum

- The company fills online Micro-credit Notification Form (MNF) providing brief details of the course, allied department(s) and tentative course duration
- CDC passes this information to the concerned Heads of the departments/centres/schools
- The Heads identify suitable faculty to collaboratively offer the micro-credit course instruction to be hosted in their departments and convey the same to CDC
- The course structure is finalized following the institute norms
- CDC / Institute hosts the industry officials for course instructions in the institute

## Procedure for Industrial projects: One / Two semester Master's project at an industry as part of the curriculum

- The company fills the online Industrial Project Notification Form (IPNF) ([available at www.cdc.iitkgp.ac.in](http://www.cdc.iitkgp.ac.in)) providing brief details of the project, required background of the students, stipend details etc.
- CDC passes this information to the concerned Heads of the departments/centres/schools
- The Heads provide department's feedback/agreement with the proposed projects along with host (IIT-KGP) supervisors
- The projects are allotted to Master's students following the academic calendar of MTP allotments
- CDC conveys the list of allotted students to the company and the company extends the industrial project offer letters to the students detailing nature of duties, date of joining, place of conduct of project and stipend details
- The students report to the company and get the joining letter signed. They execute the project with a provision of leaves for semester project evaluations and campus placements
- The company provides its assessment report on the technical conduct of the students to CDC which CDC passes on to the departments for end-semester evaluations
- The company may offer a full-time employment to the student by giving a Pre-Placement Offer (PPO) based on the performance of the student in undergoing internship in that organization.

## Procedure for Industry Participation in Academic Events (Research Scholar's Day, Conference, CDC Talk Series, Guest Lecture, Institute Chair Professor)

- Please indicate your intent over an email to [chairmancdc@hijli.iitkgp.ac.in](mailto:chairmancdc@hijli.iitkgp.ac.in)

Chairperson, Career Development Centre,  
IIT Kharagpur  
Phone: +91-3222-282232  
Email: [chairmancdc@hijli.iitkgp.ac.in](mailto:chairmancdc@hijli.iitkgp.ac.in)





## INDUSTRIAL PROJECT / MICRO CREDIT NOTIFICATION FORM

Website - <http://www.cdc.iitkgp.ac.in>

## Company Details

Name of the Company : \_\_\_\_\_

Postal Address : \_\_\_\_\_

\_\_\_\_\_ PIN : \_\_\_\_\_

Website : \_\_\_\_\_ TEL : \_\_\_\_\_

## Category

- ☐ Private ☐ MNC
- ☐ Govt. ☐ NGO
- ☐ PSU ☐ STARTUP
- ☐ Other \_\_\_\_\_

if others Please specify

## Sector

- |   |                                      |   |   |
|---|--------------------------------------|---|---|
| <input type="checkbox"/> Analytics            | <input type="checkbox"/> Ecommerce   | <input type="checkbox"/> Mining / Petroleum | <input type="checkbox"/> Investment Banking       |
| <input type="checkbox"/> Automobile           | <input type="checkbox"/> Exploration | <input type="checkbox"/> NGO                | <input type="checkbox"/> Irrigation & Agriculture |
| <input type="checkbox"/> Construction         | <input type="checkbox"/> Finance     | <input type="checkbox"/> IT / Software      | <input type="checkbox"/> Professional Services    |
| <input type="checkbox"/> Consulting           | <input type="checkbox"/> Geoscience  | <input type="checkbox"/> Management         | <input type="checkbox"/> Teaching / Education     |
| <input type="checkbox"/> Core Engg            | <input type="checkbox"/> Health Care | <input type="checkbox"/> Manufacturing      | <input type="checkbox"/> Telecommunication        |
| <input type="checkbox"/> Others (Pls Specify) |                                      |   |   |

## Contact Details

Contact Details			
	Head HR	First Contact Person	Second Contact Person
Name			
Phone			
Mobile			
Email			

## Programmes at a Glance

Name of the Programme	Duration of the course	Admission through
Bachelor of Architecture ( <b>B.Arch.</b> )	5 years	JEE
Bachelor of Technology (Hons.) <b>B.Tech.</b>	4 years	JEE
[ B.Tech + M.Tech ] ( <b>Dual Degree</b> )	5 years	JEE
Integrated <b>M.Sc.</b>	5 years	JEE
Master of Technology ( <b>M.Tech.</b> )	2 years	GATE
Master of City Planning ( <b>MCP</b> )	2 years	GATE
2 Years <b>M.Sc.</b>	2 years	JAM
Master of Business Administration ( <b>MBA</b> ) / Human Resource Management ( <b>MHRM</b> )	2 years	CAT/GD/PI
Master of Medical Science & Technology ( <b>MMST</b> )	3 years	Admission Test
Bachelor of Laws (Hons) in Intellectual Property Law ( <b>LLB</b> )	3 years	Admission Test
Master of Laws ( <b>LLM</b> )	2 years	Admission Test
MS and Ph.D. Programmes	-	Written Test and Interview

### Brief details of Micro Credit Course / Industrial Project

Brief details of Micro Credit Course / Industrial Project

### Stipend Details (for Industrial Project Only)

Stipend Details (for Industrial Project Only)	
<div style="border: 1px solid black; height: 40px;"></div>	



If you wish to consider all specializations of various degrees, please check /mark 'x' in the boxes below  
[For Industrial Project, select only Master Programs]

☐ All Bachelor Programs (B.Tech / Dual Degree / Integrated M.Sc.) ☐ All Master Programs ☐ MS/PhD

For specific departments, please check boxes below:

Department	Programs		
AEROSPACE ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
AGRICULTURAL AND FOOD ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
ARCHITECTURE AND REGIONAL PLANNING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
BIOTECHNOLOGY	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
CHEMICAL ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
CHEMISTRY	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
CIVIL ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
COMPUTER SCIENCE & ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
ELECTRICAL ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
ELECTRONICS & ELECTRICAL COMMUNICATION ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
GEOLOGY & GEOPHYSICS	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
HUMANITIES & SOCIAL SCIENCES	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
INDUSTRIAL AND SYSTEMS ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
MATHEMATICS	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
MECHANICAL ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
METALLURGICAL & MATERIALS ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
MINING ENGINEERING	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
OCEAN ENGINEERING AND NAVAL ARCHITECTURE	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
PHYSICS	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
<b>Centres</b>	<b>Programs</b>		
ADVANCED TECHNOLOGY DEVELOPMENT CENTRE		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
CENTRE FOR COMPUTATIONAL AND DATA SCIENCES			<input type="checkbox"/> MS/PhDs
CENTRE FOR EDUCATIONAL TECHNOLOGY		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
CENTRE FOR OCEANS, RIVERS, ATMOSPHERE & LAND SCIENCE		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
CENTRE FOR THEORETICAL STUDIES			<input type="checkbox"/> MS/PhDs
CRYOGENIC ENGINEERING		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
DEYSARKAR CENTRE OF EXCELLENCE IN PETROLEUM ENGINEERING	<input type="checkbox"/> Bachelor Programs		<input type="checkbox"/> MS/PhDs
MATERIALS SCIENCE CENTRE		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
P K SINHA CENTRE FOR BIOENERGY			<input type="checkbox"/> MS/PhDs
RUBBER TECHNOLOGY		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
RURAL DEVELOPMENT			<input type="checkbox"/> MS/PhDs
STEEL TECHNOLOGY CENTRE			<input type="checkbox"/> MS/PhDs
<b>Schools</b>	<b>Programs</b>		
BIO SCIENCE		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
ENERGY SCIENCE AND ENGINEERING		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
ENVIRONMENTAL SCIENCE AND ENGINEERING			<input type="checkbox"/> MS/PhDs
G.S SANYAL SCHOOL OF TELECOMMUNICATION		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
NANO SCIENCE AND TECHNOLOGY			<input type="checkbox"/> MS/PhDs
RAJENDRA MISHRA SCHOOL OF ENGINEERING ENTREPRENEURSHIP	<input type="checkbox"/> Bachelor Programs		<input type="checkbox"/> MS/PhDs
RAJIV GANDHI SCHOOL OF INTELLECTUAL PROPERTY LAW	<input type="checkbox"/> Bachelor Programs	<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
RANBIR & CHITRA GUPTA SCHOOL OF INFRASTRUCTURE DESIGN & MANAGEMENT		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
SCHOOL OF MEDICAL SCIENCE & TECHNOLOGY		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
SCHOOL OF WATER RESOURCES		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
SUBIR CHOWDHURY SCHOOL OF QUALITY AND RELIABILITY		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs
VINOD GUPTA SCHOOL OF MANAGEMENT		<input type="checkbox"/> Master Programs	<input type="checkbox"/> MS/PhDs

**All mail correspondence should be addressed only at**

Chairperson, Career Development Centre

Office: 03222-282230, 282231 :: Fax: 03222-282232 :: Email: [chairmancdc@hijli.iitkgp.ac.in](mailto:chairmancdc@hijli.iitkgp.ac.in)