

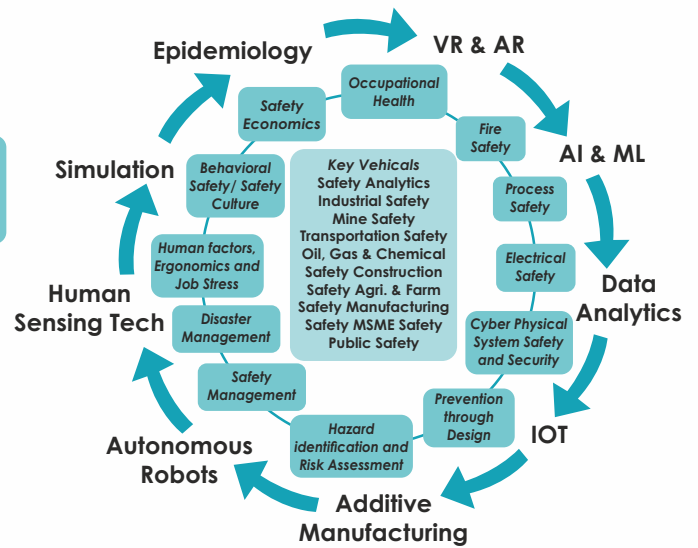
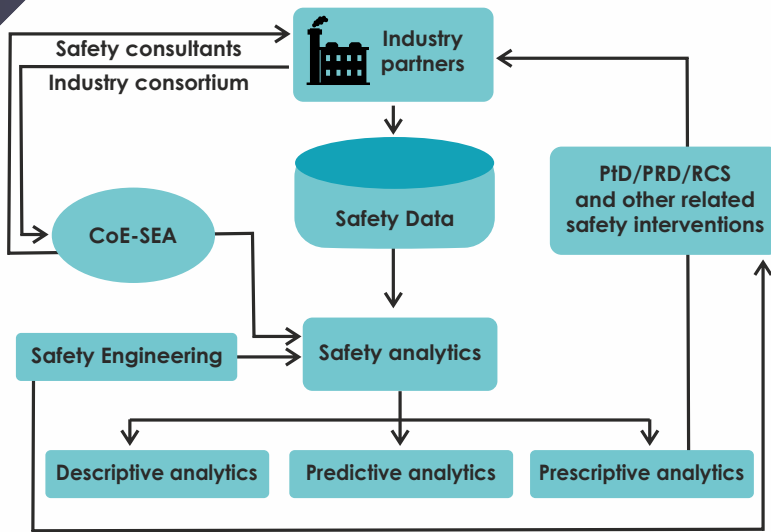


ONLINE SHORT TERM CERTIFICATE COURSE ON
**Prevention through Design (PtD)
and Redesign (PtR)**

Organised by

**Centre of Excellence in Safety Engineering and Analytics (CoE-SEA)
Indian Institute of Technology Kharagpur
&
Federation of Indian Chambers of Commerce and Industry (FICCI)**

Working Model



About The Program

Prevention through design (PtD) or design for safety into products, processes, work-systems and subsystems is an important but ill-understood concept. This program aims to demonstrate the concepts, principles and procedures for design for safety. The concepts of system life cycle, and how to integrate the hazard analysis and risk assessment methods early in the design and engineering stages, and thereby taking necessary actions through design and implementation of effective risk control systems (RCS) will be deliberated with application through case studies. Further, discussion will be made on how to achieve solutions for improved safety by adopting several design strategies such as (i) Design for minimum risk, (ii) Incorporate safety devices, (iii) Provide warning devices, and (iv) Develop SOPs and institute training.

WHAT YOU WILL LEARN?

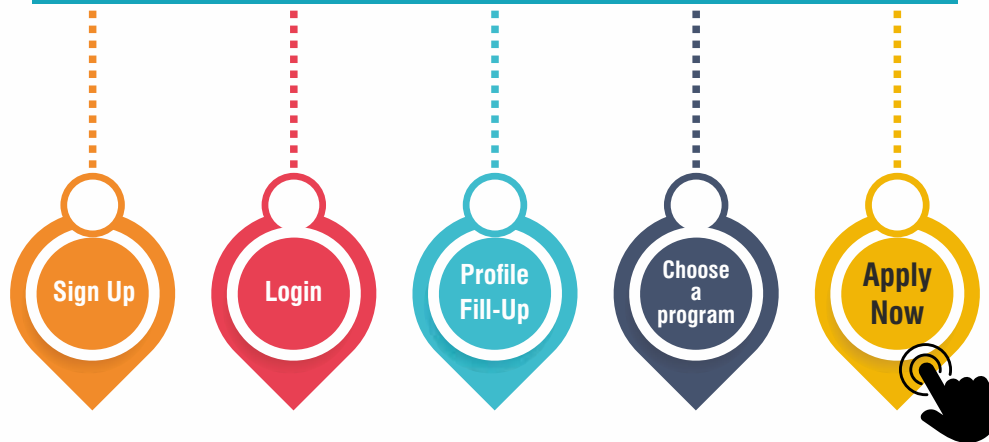
Webinars	Topics	Date	Time	Course Fee
DAY 1	Addressing safety issues using Prevention through Design (PtD)	6 December 2021	6:00 pm - 8:00 pm	Rs. 6000 + GST (For All Six Days)
DAY 2	Hazard Identification and Control	8 December 2021	6:00 pm - 8:00 pm	
DAY 3	Quantitative Risk Management	10 December 2021	6:00 pm - 8:00 pm	
DAY 4	Micro-hazard mapping and Bow-tie management	13 December 2021	6:00 pm - 8:00 pm	
DAY 5	Safety and energy control- Positive energy isolation	15 December 2021	6:00 pm - 8:00 pm	
DAY 6	Work system Design and Safety	17 December 2021	6:00 pm - 8:00 pm	

Certificate will be issued on completion of the course

HOW DO YOU REGISTER?

Use CEP Link given below for registration

<https://erp.iitkgp.ac.in/CEP/courses.htm>



Program Features/ Structures	Who will benefit	Last Day for Registration	Medium
1. Lecture 2. Problem Solving, Case Study 3. Table Top/ Quiz	1. Practitioners/ Industry Officials 2. Consultants 3. Academicians 4. Students of any discipline	5th December 2021	WebEx



OVERALL COORDINATORS

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Chairman, CoE-SEA

Mr. Sumeet Gupta

Assistant Secretary General, FICCI

PROGRAM COORDINATORS

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Continuing Education Programme (CEP)

Indian Institute of Technology Kharagpur

Procedure for applying through IIT Kharagpur online course registration portal

Use the link: <https://erp.iitkgp.ac.in/CEP/courses.htm>

Steps to be followed:

1. Sign-Up
2. Verify your email-id (link will be sent to your e-mail)
3. Login
4. Edit Profile(Fill up all the mandatory fields, upload photo and signature)
5. Click on 'APPLY NOW' button.
6. Upload your **.pdf** format id-card (if necessary).
7. Payment Gateway activated

***An e-mail will be communicated from Principal Coordinator/Convenor/Organiser, IIT Kharagpur to the shortlisted applicants stating the payment procedure.

*** This is a one time sign up process for applying through IIT Kharagpur online course registration portal. You can apply for any other programme using the same Login-id and Password.



For any help please call @ the following help-line numbers:(0)-3222-269626

or Email us: cep_erp@iitkgp.ac.in

Payment procedure for CEP Programs (if applicable)

Once short listed for the program the candidate receives an email for making fee payment (if applicable) from ERP System, IIT Kharagpur. He/She is redirected to IIT Kharagpur Payment Gateway page by clicking on the Fee Payment option of the program chosen after login at <https://erp.iitkgp.ac.in/CEP/secure/courses.htm>.

A. Fee Payment

1) Click on the button “**Pay Fees**”. You will be redirected to IIT Kharagpur Payment Gateway page.

























The screenshot displays the IIT Kharagpur Payment Gateway interface. At the top, there is a blue header with the text "IIT Kharagpur Payment Gateway". Below this, the page is divided into two main sections: "PAYMENT DETAILS" and "OTHER DETAILS".

PAYMENT DETAILS	
IITKGP REFERENCE NO	SEMREG-08IM7001-2014-105
TYPE	Semeter Registration Fees Payment
INITIATED BY	ABCDHFGE KSAKAK (10AB8907)
AMOUNT	1.0
CURRENCY	INR

OTHER DETAILS	
SESSION	2014-2015
DEPARTMENT	Electrical Engineering
SEMESTER	AUTUMN

At the bottom of the form, there are two buttons: a green button labeled "PROCEED INR 1.0" and a yellow button labeled "CANCEL PAYMENT".

2) Check the details shown and click on **Proceed**. You will be redirected to State Bank of India MOPS facility (SBIMOPS).

NET BANKING	CARD PAYMENTS
 State Bank of India <i>With you - all the way</i> Bank Charges: Nil 	 State Bank ATM-cum-Debit Card Bank Charges: 11.0 
 State Bank of Bikaner and Jaipur <i>The Best and a Vision</i> Bank Charges: Nil 	 Other Banks Debit Cards Bank Charges: 11.0 
 State Bank of Hyderabad <i>You Can Always Bank on Us</i> Bank Charges: Nil 	 Credit Cards Bank Charges: 0.02 
 State Bank of Mysore <i>Working for a Better tomorrow</i> Bank Charges: Nil 	OTHER PAYMENT MODES
 State Bank of Patiala <i>With You Despite Distance of Time</i> Bank Charges: Nil 	 SBI BRANCH Bank Charges: 50.0 
 State Bank of Travancore <i>A Long Tradition of Trust</i> Bank Charges: Nil 	 Other Banks Internet Banking Bank Charges: 15.0 

[Click here to abort this transaction and return to the IIT Kharagpur semester fee site.](#)

3) Choose the mode of payment and proceed as per instructions.

4) After successful payment through SBI MOPS click on “**Click here to return to IIT Kharagpur e-Transaction**”. This ensures redirection to the page from where payment has been initiated, and subsequently updating payment status. In some cases successful payment status may not be updated immediately due to some technical reasons. The status would be updated within two hours (from the time of realization of payment in IITKGP account) in such cases. The status of branch payment will be updated within two hours of payment.

If transaction fails due to some technical reason and amount is debited from your account, please do not pay again. Kindly wait for the last transaction to be settled. It can be refunded to you or credited to IITKGP account.