

About IHFC

I-Hub Foundation for Cobotics (IHFC) was incorporated as a non-profit (Section-8) company at IIT Delhi in June 2020 with the funding of Rs. 170 crores (USD 20 millions) over a period of 5 years from the Department of Science Technology (DST), Ministry of Science and Technology, Govt. of India. The guiding theme for this venture is Collaborative Robotics (Cobotics) for enhancing human capabilities, reducing risk and improving productivity.

IHFC is tasked with the commercialization of the developed technology into products for application mainly in the four verticals:

- Medical
- Agriculture
- Defence
- Industry

IHFC is actively looking forward for collaborations with industry, start-ups, universities, and R&D organizations in India and abroad to create a market oriented research framework, co-develop technologies and taking them to the market.

Education and Training Programs

Apart from development of technological products, IHFC also contributes to the employability of professionals and students by enriching skills in them through organized courses and training programs in cobotics and associated technologies.

For more details, please visit www.ihfc.co.in

For queries on the course, please contact

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IHFC

I-Hub Foundation for Cobotics

Technology Innovation Hub
of

Indian Institute of Technology Delhi

[Initiative of Department of Science and Technology, Government of India]

GLOBAL ONLINE COURSE

ON

FUNDAMENTALS OF COBOTICS

Program Schedule

Date	Time (IST)	Topic	Expert Details
26 July 2021	6.00 pm - 7.00 pm	Introduction: Robotics to Cobotics	Prof. S. K. Saha , IIT Delhi
	7.00 pm - 8.00 pm	Building Blocks: Kinematics & Dynamics	Prof. K. Rama Krishna , IIT Delhi
28 July 2021	6.00 pm - 7.00 pm	Building Blocks: Electronics, Sensing & Control	Prof. S. Janardhanan , IIT Delhi
	7.00 pm - 8.00 pm	Robot Teaming & Swarming	Prof. Shubhendu Bhasin , IIT Delhi
30 July 2021	6.00 pm - 7.00 pm	Computer Vision	Prof. Chetan Arora , IIT Delhi
	7.00 pm - 8.00 pm	Simulating Cobots using MATLAB & SIMULINK	Dr. Dhruv Chandel , MathWorks
	8.00 pm - 8.30 pm	Discussion on Team-based Online Projects (TOP)	Prof. S. K. Saha , IIT Delhi
02 Aug 2021	6.00 pm - 7.00 pm	Intelligence	Dr. A. S. Mandal , Senior Research Scientist, IHFC
	7.00 pm - 8.00 pm	Computer Vision Application	Dr. Shraddha Chaudhary , Project Scientist, IIT Delhi
04 Aug 2021	6.00 pm - 7.00 pm	TOP Presentations	IHFC - IIT Delhi Team
	7.00 pm - 8.00 pm	Interaction with International Industry Expert	Dr. Xavier Cyril , Ex-Senior Director, L3Harris Technologies, Canada
	8.00 pm - 8.30 pm	Interaction with Participants	Expert Panel

Note: [Contact us](#) for group registration and discount. Register using [Form Link](#) or QR Code



About This Course & Who Should Attend?

COLlaborative roBOTICS deals with making robots as co-workers in several domains of work. To understand how human interaction with cobots can be established, it is important to know the building blocks and associated tools.

This course is primarily designed to introduce Cobotics to engineering and science graduates, teachers and industry. This course helps in laying foundation to building blocks and necessary tools to further research and develop cobots.

Course Fee

Registration	Early Bird	Full
Students (UG/PG)	6000 INR	8000 INR
Faculty/ Industry	10000 INR	15000 INR
International Participants	250 USD	400 USD
Last Date	15th July 2021	25th July 2021

Payment is by Bank Transfer only

(Bank details are provided in the registration form).

Note: Registration Fee is non-refundable.

Fee once paid shall not be refunded.