



Subject: Workshop on 'CAD - SolidWorks' to be held on 13 January – 03 February, 2023 at
Department of Industrial and Production Engineering, BUET

Dear Sir/Madam,

We have the pleasure to inform you that a 7 days' Workshop on 'CAD - SolidWorks' is going to be organized by the Department of Industrial and Production Engineering, on 13 January – 03 February 2023.

This workshop has been developed with a combined effort from the CAD professionals and academicians. The main aim of this workshop is to develop the ability to derive and design engineering drawing models by utilizing the built-in features of SolidWorks.

The workshop is specially designed for professionals who are working in manufacturing industries as well as final year undergraduate and master's students at different universities. Professional requirements range from government jobs to private jobs. Entrepreneurs are specially encouraged to join this workshop considering the challenges and opportunities of computer aided design at present time.

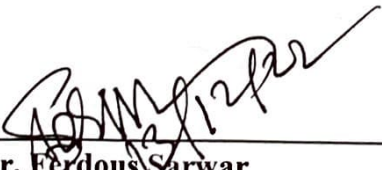
Registration fee for this workshop is Tk.15,000/- (fifteen thousand only) per person to be paid in advance, through cash payment during registration or bank draft, in favour of "Director, BRTC, BUET". Participants can register in IPE office, BUET. Course Fee includes all cost of course materials, exams & certificate etc. and excludes VAT & TAX.

Seats are limited and the application/nomination will be selected as First Come First Serve basis. Registration Deadline is 13 January 2023.

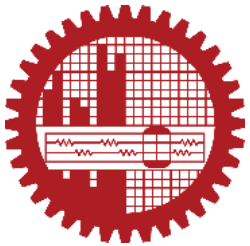
For further information, please contact to IPE office, BUET, Phone: 880-2-9665611, PABX: 55167100, Ext:7171 & 7374, Fax: 880-2-8613026, 880-2-8613046, e-mail: headipe@ipe.buet.ac.bd. You may also visit our official website: <https://ipe.buet.ac.bd>

We would appreciate if you could kindly participate and/or nominate concerned official(s) from your esteemed organization in this workshop.

Thank you.


Dr. Ferdous Sarwar
Professor & Head
Department of Industrial and Production Engineering
BUET, Dhaka -1000

CAD WORKSHOP



13 January 2023 - 03 February 2023
BUET, Dhaka

Organized by

Department of Industrial and Production Engineering
Bangladesh University of Engineering and Technology
Dhaka - 1000

OBJECTIVE OF WORKSHOP

- 01** Introducing Computer Aided Drawing and navigating the interface of SolidWorks
- 02** Conveying the techniques to create simple and advanced 2D drawings and 3D models
- 03** Performing simulation analysis and assembly designs of complicated parts in the professional field



REGISTRATION FEE

BDT 15,000/- per Person (Tk. Fifteen Thousand Only)
The fee will cover lecture instructions, workshop kits, comprehensive materials, refreshments, certificate etc.

PAYMENT METHOD

- Cash payment during Registration
- Bank Draft

LANGUAGE

English and Bangla

CERTIFICATE

Certificate of attendance will be provided

CONTACT

Department of Industrial and Production Engineering,
BUET, Dhaka – 1000
Phone: 880-2-9665611, PABX: 55167100, Ext. 7171, & 7374
Web: <https://ipe.buet.ac.bd/>
For registration:
Cell: 01743091570
E-mail: cadipebu@gmail.com

VENUE

CAD LAB, Department of IPE, BUET

DURATION

22 Hours



SOLIDWORKS is a very productive 3D CAD software tool. It helps to design various products and services, testing them in very cost-effective way like Model and prototype testing as you learned earlier in engineering degree class.

The SolidWorks have wide range of applications in industries such as

- Aerospace
- Defense
- Automotive
- Transportation
- Machinery
- Heavy Equipment
- Consumer products
- Mold & Tools design
- Electronics
- Sheet metal work
- Process Plant
- Energy conservation
- Construction
- Medical tools
- Product design and other engineering services

This course will help you in understanding and learning the basic and advanced tools of the software. You will get a thorough knowledge and hands on experience on Sketch, Part, Assembly and Surface Environments of SOLIDWORKS.

PROGRAM OVERVIEW

- SolidWorks basics and the user interface
- Introduction to sketching
- 2D part modelling
- 2D practice drawing and problem solving
- 3D advanced features
- 3D practice drawing and problem solving
- Assembly modelling
- Assembly practice and problem solving
- Surface modelling
- Introduction to part motion in assembly
- Animation & rendering

Who Should Attend?

- Manufacturer
- Engineers
- Architect
- Students
- Designer

Registration Process

To book your seat, fill up the 'Registration Form' and send a scan copy to – cadipebuet@gmail.com. Participants can also submit the form directly to IPE department office. Payment must be made before deadline. For any query, contact - 01743091570

Registration Deadline: 13 January 2023

Registration Form

CAD Workshop

Please complete the registration form and return it to the address overleaf or send a scan copy to – cadipebuet@gmail.com.

Name

Affiliation:

Company Name:

Address:

Cell Phone:

Email:

Payment:

Signature:

Date:



Seats are limited and the selection procedure will be First Come First Serve basis.



Workshop on CAD - SolidWorks

13 January - 03 February 2023

Venue: CAD Lab, Department of Industrial and Production Engineering, ME Building, BUET

PROGRAM SCHEDULE

Date	Time	Topic
13.01.2023 (Friday)	2:30 PM - 3:00 PM	Registration
	3:00 PM - 4:30 PM	Lecture 1: SolidWorks Basics and the User Interface
	4:30 PM - 4:40 PM	Break
	4:40 PM - 6:10 PM	Lecture 2: Introduction to Sketching
14.01.2023 (Saturday)	6:00PM - 7:30 PM	Lecture 3: 2D Part Modelling
	7:30 PM - 7:40 PM	Break
	7:40 PM - 9:10 PM	Lecture 4: 2D Practice Drawing and Problem Solving
20.01.2023 (Friday)	3:00 PM - 4:30 PM	Lecture 5: 3D Part Modelling
	4:30 PM - 4:40 PM	Break
	4:40 PM - 6:10 PM	Lecture 6: 3D Advanced Features
21.01.2023 (Saturday)	6:00PM - 7:30 PM	Lecture 7: 3D Practice Drawing and Problem Solving
	7:30 PM - 7:40 PM	Break
	7:40 PM - 9:10 PM	Lecture 8: Assembly Modelling
27.01.2023 (Friday)	3:00 PM - 4:30 PM	Lecture 9: Assembly Practice and Problem Solving
	4:30 PM - 4:40 PM	Break
	4:40 PM - 6:10 PM	Lecture 10: Surface Modelling
28.01.2023 (Saturday)	6:00PM - 7:30 PM	Lecture 11: Introduction to Part Motion in Assembly
	7:30 PM - 7:40 PM	Break
	7:40 PM - 9:10 PM	Lecture 12: Animation & Rendering
03.02.2023 (Friday)	3:00 PM - 4:30 PM	Lecture 13: Quiz
	4:30 PM - 4:40 PM	Break
	4:40 PM - 5:10 PM	Certificate Distribution and Closing

Organized by
Department of Industrial and Production Engineering (IPE)
BUET