

# Engineering Project Exhibition & SolidWorks Training Center Opening

Wednesday  
17

Wednesday 17th June 2015



10:00 am - 3:00 pm



Bahrain Hall (12)

The 3rd and 4th year Bahrain Polytechnic BEngTech students develop their Final Industrial, Research and Special projects concerning engineering problems. They will present their main findings and methodology through one poster and demonstration at the aforementioned event. These projects are developed in collaboration with leading Industries of Bahrain and cover various engineering topics.

SolidWorks is a 3D CAD design software delivers powerful design functionality providing benefits in powerful solutions for creation of parts, assemblies or other 2D and 3D engineering drawings. SolidWorks Training center will provide important training to industries in order to improve their ability in CAD design in engineering applications.

## Program

10.00	Opening Ceremony of the SolidWorks Training Centre	Bld 10.22
10.30	Engineering Project Exhibition Tour	Bahrain Hall (12)
11.30	Keynote Speech - Prize Ceremony	Bahrain Hall (12)
12.30	Light Refreshments	Bahrain Hall (12)
13.00	SolidWorks Seminar	Bahrain Hall (12)

## Bahrain Polytechnic Engineering Projects

	Student Name	Companies	Adviser Name	Project Title
1	Zainab Ghareeb	Bahrain Polytechnic	Dr Amit Swamy	Assessment tool for corroded mechanical components
2	Ahlam Aldaisi	ASRY & Bahrain Polytechnic	Pradeep Nathoo	Centrifugal Bucket Conveyor
3	Ebrahim AlMubarak	Bahrain Polytechnic	Adel Aawan	Challenges of bicycle frame design and material selection for heavy duty.
4	Ehab Mashoor	Bahrain Polytechnic	John Donald	Cooling system requirements and design for engines and water brake dyno
5	Husain AlSayyad	Bahrain Polytechnic	John Donald	Integrated dyno system framework design and manufacture
6	Mohamed Moosa	Bahrain Polytechnic	John Donald	Driveshaft systems from engines to water brake design
7	Basma Abusayam	ALBA& Bahrain Polytechnic	Dr Sam Chehab	Point feeder vehicle
8	Ahmed Ahmed	ALBA & Bahrain Polytechnic	Adel Aawan	Centrifugal cyclone air filter.
9	Maryam Abdali	ALBA& Bahrain Polytechnic	Adel Aawan	Boom rotating table design modification
10	Deema AlMohsen	ALBA& Bahrain Polytechnic	Pradeep Nathoo	Designing a vacuum device to extract alumina
11	Abdulaziz Sharaei	EWA& Bahrain Polytechnic	Dr Subramanian Chithambaram	Fire Detection and Suppression System (Deluge System)
12	Hasan Ali Mohamed	OSRL& Bahrain Polytechnic	Pradeep Nathoo	Manufacture/ assemble a dispersant sprayer pump to control the water dispersant ratio
13	Mohamed Alwadi	OSRL& Bahrain Polytechnic	Gollapudi Nayarana	Manufacture/assemble a shallow water skimmer hydraulic driven
14	Hasan Darwish	BAPCO& Bahrain Polytechnic	Dr Subramanian Chithambaram	Bearing Housing flusher
15	Ahmed Moosa	Bahrain Polytechnic	Dr Subramanian Chithambaram	Experimental and Numerical creep behavior of unreinforced thermoplastics
16	Ranya Bushehri	Bahrain Polytechnic	Payal Modi	Insulation of Buildings in Bahrain
17	Feras Ali	Bahrain Polytechnic	Dr Christina Georgantopoulou	Computational estimation of incompressible flows inside T-junction channels
18	Mahdi Zadah	GET& Bahrain Polytechnic	Dr Christina Georgantopoulou	Solar panels study and installation to GET
19	Tahera Abdulaziz	Bahrain Polytechnic	John Leek	Free space optical communications
20	Naser Alteraifi	Bahrain Polytechnic	David Krause	PLC controlled Building services monitor
21	Haitham AlNasser	Bahrain Polytechnic	David Krause	PLC control of a sorting process
22	Maitham Saleh	Bahrain Polytechnic	David Krause	PLC PID control of a liquid storage tank.
23	Reem Senan	ALBA& Bahrain Polytechnic	David Krause	Alba PLC training module
24	Ali Redha	SAMena & Bahrain Polytechnic	David Krause	Battery cell monitoring
25	Fadhel Ali	Bahrain Polytechnic	John Leek	DC/ AC Single phase converter
26	AlAnsari Mustafa	Bahrain Polytechnic	Sami Saqqa	Telecoms test jig
27	Yusuf Yusuf	Bahrain Polytechnic	John Leek	DC/AC ATE single phase tester (Labview)
28	Alwasti Qassim	Bahrain Polytechnic	John Leek	Active Power factor Tester (Labview)
29	Mohamed Abdulla	Bahrain Polytechnic	John Leek	Water pump Control by mbed (PID)
30	Jaafar Hasan	Bahrain Polytechnic	Sami Saqqa	Remote temperature data logger (mbed) & RF

Projects Coordinators: Dr Christina Georgantopoulou, David Krause, John Leek