

Training Courses and Workshops Conducted at the Academia-Industry Collaboration Department-JUST

Workshop name	Date	Target Group	Number of Participants
Diploma Certificates for the Industry			
Land Scaling	Feb. 15-June 15, 2017, March 4-Aug. 5, 2018.	Employees of structural designs and geometries companies	32 18
AC Machines: Monitoring and Conditioning	April 9-May 7, 2017 Aug. 27-Sep. 24, 2017 April 1, May 2, 2018 Aug. 20-Sept. 20, 2018	Air Conditioning Companies	44 35 30 34
Hybrid Vehicle Maintenance	July 9-July 30, 2017 Feb. 4-Feb. 25, 2018	Maintenance of Hybrid Cars Companies	48 42
Hospital Management and Medical Documenting	May 2-May 23, 2018	Health Care Companies	24
Solar Panel installation and maintenance	May 5- July 18, 2018	Companies of Solar Energy Services	41
Health and Safety in workplace	July 19-Sept. 3, 2018	All JO Industries	48
Asphalt Mix Design	May 4-May 11, 2018 July 18-July 25, 2018	Construction and Transportation Companies	38 43
Training Programs (15-45 hrs.)			
Introduction to ABAQUS and Standard	2/2018 6/2018	All engineering companies	24
MATALB for Special Proposes	3/2018 7/2018	All engineering companies	37



Six Sigma	1/2018 5/2018	Production employees (specially the engineers; i.e. Industrial)	28
Introduction to CNC Matching and Programming	1/2018 5/2018	Milling and hard metal employees (especially the metal engineers)	23
Introduction to Nondestructive testing (NDT)	2/2018 6/2018	Employees and student of structures, the Mechanical and Civil engineers	21
Introduction to Welding Techniques and Applications	3/2018 7/2018	Mechanical technicians and engineers.	21
Solid Works	1/2018 5/2018	Software for the Mechanical, Mechatronics and Electrochemical engineers	46
Introduction to Structural Analysis Using ROBOT	2/2018 6/2018	Civil Engineers	33
Introduction to structural analysis and design using ETABS	3/2018 8/2018	Civil technicians and engineers	32
Introduction to Project Planning by PRIMAVERA P6	3/2018	Project administrative, Engineers, Industrial engineering	28
Corrosion prevention and Control	2/2018	Material Science engineers, civil engineers, mechanical engineers	25
LEAN production system	01/2018	Production engineers	19
Quantity Calculations and Design	3/2018 10/2018	Civil Engineers	47
Advance Quantity Calculations and Design	4/2018	Civil Engineers and civil technicians	32
Lean Manufacturing	03/2018	Production managers and engineers	27
Maintenance of Medical Equipment	03/2018	Biomedical engineers	29
Marketing &	04/2018	Sales Engineers	25



Sales of Medical Equipment	08/2018		28
Auto Cad 2D	01/2018	Engineers and Design Employees	15
MD solids 4.0 Educational software for mechanics of Materials	04/2018	Material Engineers and technicians	24
Engine Types and Mechanisms	3/2018 7/2018	Mechanical and Power Engineers and Car Maintenance technicians	17
Primavera (P6)	1/2018	Students and employees	20
AutoCAD Civil 3D	01/2018 06/2018	Civil technicians and engineers	23 29
Introduction to Data Analytics	4/2018 8/2018	Civil and industrial engineers	31
Advanced GIS Analysis & Modeling , 3(ArcGIS 9. ArcPad 6.1, Spatial Analyst, Network Analyst)	3/2018 7/2018	Geometrical/Civil Engineers and technicians	33 42
GIS 1: ArcGIS 9.3 Introduction to geographic information systems (GIS) & the global positioning system (GPS)	4/2018 9/2018	Geometrical/ Civil Engineers and technicians	32 38
Mcnp	3/2018 7/2018	Engineering Companies	13
Health Care Facilities Planning	4/2018 9/2018	Nurse, Medical Technicians and Students of medical faculties	28 24
Mathematical Modeling & Optimization with GAMS	7/2018	Civil and Industrial engineers	25
Computer Application in Industrial engineering	02/2018 9/2018	Industrial engineers, production engineers and management-engineering base employees	32 43
Auto Cad Civil 3D	03/2018	Civil engineers and Graphic Designer	37



Turnaround Management	1/2018	Mangers and industrial engineers	25
	8/2018		31
Maintenance Planning Scheduling & work Control	2/2018	Mangers and industrial engineers	22
	7/2018		21
Quality Assurance	5/2018	All industrial fields	45
	7/2018		48
Bridge Design and new technologies	1/2018	Transportation Engineers	21
	7/2018		18
Motor Drive	1/2018	Electrical and mechatronics engineers and technicians	18
	6/2018		21
Prokon	2/2018	Civil engineers and technicians	35
	8/2018		33
MATLAB Software Programing for Engineer	2/2018	Data Analytic engineers	26
	8/2018		34
Introduction to MATLAB	1/2018	All Data Analysis employee (including accounting,	20
Introduction to LABVIEW	2/2018	Engineers and Administrative workers	33
	6/2018		19
PLC Siemens (s7300/400)	6/2018		35
	10/2018		41
Research Reactor Designs	2/2018	Nuclear Engineers and technicians (also students)	15
	9/2018		19
Practical Electronics	01/2018	Electrical Engineers and employees	16
	12/2018		17
Robotics	1/2018	Mechatronics engineers	34
	12/2018		29
Microcontroller	1/2018	Mechatronics/electrical engineers /technicians and solar energy employees	48
	12/2018		39



Design and PCB fabrication	1/2018		20
	12/2018		19
Wireless communication (GSM & ZigBee)	2/2018	Communication and telecom employees	22
	11/2018		23
SPSS	4/2018	Industrial and production engineers, quality control employees	38
	12/2018		39
Advance Statistical analysis workshop	2/2018	Production employees and data analysis employees	25
	11/2018		29
Best Practice in Managing Computer Labs	5/2018	Computer lab supervisors	12
	11/2018		16
Introduction of the nerve block and joint tap	3/2018	veterinarians	11
Eating for Prevention Cancer	4/2018	All students and employees	24
	10/2018		23
Sport Nutrition	2/2018	All students and sport players	30
	7/2018		38
Chemical and mechanical waste management	5/2018	Medical and engineering students and employees	16
	7/2018		12
Risk Management	2/2018	Mangers, safety employees	25
	6/2018	Industrial and civil engineers	18
Toxic Waste Management	1/2018	Chemical Engineers	12
	6/2018	Nuclear Engineers, and students	17
Excellence Culture	3/2018	All Employees and students	20
Leadership Concept	4/2018	All students and employees	25
	9/2018		27
Team leader building	4/2018	All students and employees	22
	9/2018		24
Best working behaviors	2/2018	All students and employees	38
	10/2018		42



Thinking 6 hats	1/2018	All students and employees	41
	11/2018		44
Internal business and accounting for beginners	1/2018	All students and employees	38
	12/2018		37
Leadership and Decision making	2/2018	All students and employees	47
	6/2018		44
3-D prototyping	2/2018	All JO Industries	35
	8/2018		45

