St. Joseph's College of Engineering
Department of Mechanical Engineering
Value Added Course Details

S. No	Name of the Course	Year	Organization / Institute	Course Duration (Hours)	Date Conducted	*No. of students attended	Course Objective	Academic year
1	CATIA V5 Primer	III	EDS Technologies Limited	40	6-03-2014 to 16-03-2014	19	Basics of part modeling, assembling and drafting	2013-2014
2	'Dismantling And Assembling Of Two Wheeler Engine- Pulsar	III	Good Win Motors, Chennai	8	8/3/2014	110	To know the basic servicing and parts of two stroke petrol engine	2013-2014
3	Octave Software for Engineering Applications"	III	EdX-Engine	64	06-03-2015 to 04-04-2015	29	Utilization Of Matlab In Scientific Study And Computational Fluid Dynamics	2014-2015
4	"FEA-Theory and Practical Applications using LISA-FEA Package"	III	Pro- CAE	30	09-03-2015 to 13/03/2015	60	Finite element analysis using commercially available LISA-FEA software	2014-2015
5	"New Product Development in CNC Machining"	III	Kriatek services	64	02-03-2015 to 13-03-2015	54	Visual inspection of cutting tool and creation of coding using Edgecam	2014-2015
6	C, C++ Programming	II	Digiterati, Eyeopen Technologies	42	17-03-2015 to 23-03-15	238	Basics of computer coding in C and C++ language	2014-2015

St. Joseph's College of Engineering
Department of Mechanical Engineering
Value Added Course Details

S. No	Name of the Course	Year	Organization / Institute	Course Duration (Hours)	Date Conducted	*No. of students attended	Course Objective	Academic year
7	Simulation for Mechanical Engineers using ANSYS and Octave	III	ARK Infotech	36	07-03-2016 to 12-03-16	37	Utilization OfAnsys, Matlab and Octave In Scientific Study And Computationl Fluid Dynamics	2015-2016
8	Simulations for Mechanical Engineers using MATLAB	III	EdXengine	36	07-03-2016 to 12-03-16	29	Utilization Of MATLAB In Scientific Study and Computational Fluid Dynamics	2015-2016
9	Product Design with FEA and Engineering Analysis with CFD	III	UDVAVISK Technologies.	36	07-03-2016 to 12-03-16	88	Theoretical and Practical study of FEA with open source software like LISA and OCTAVE	2015-2016
10	Hands on Training in Automotive Engine assembly, Transmission drives and Air Conditioning Unit	III	Goodwin motors	36	07-03-2016 to 12-03-16	77	To know the basic servicing and parts of engine, transmission and R&AC	2015-2016
11	C, C++ Programming	II	Digiterati, Eyeopen Technologies, NIIT, Edex Engine	40	21-03-2016 to 28-03-2016	240	Basics of computer coding in C and C++ language	2015-2016

St. Joseph's College of Engineering
Department of Mechanical Engineering
Value Added Course Details

S. No	Name of the Course	Year	Organization / Institute	Course Duration (Hours)	Date Conducted	*No. of students attended	Course Objective	Academic year
12	Hands on Training in Automotive Engine assembly, Transmission drives and Air Conditioning Unit	III	Goodwin motors	30	20-02-2017 to 22-02-2017	82	To know the basic servicing and parts of engine, transmission and R&AC	2016-2017
13	Product Design with FEA	III	UDVAVISK Technologies.	30	20-02-2017 to 22-02-2017	133	Theoretical and Practical study of FEA with open source software	2016-2017
14	Engineering Analysis with CFD	III	UDVAVISK Technologies.	30	20-02-2017 to 22-02-2017	24	Theoretical and Practical study of CFD with open source software	2016-2017
15	E-BOX Training in C Programming	II	E-Box	30	06-03-2017 to 08-03-2017	162	Basics of computer coding in C language	2016-2017
16	Career Development Program	II	Strides Consulting Inc	30	06-03-2017 to 08-03-2017	66	A unique motivational program to harness the potential available within aiming at success in profession and become result oriented individual in all walks of life.	2016-2017
17	E-BOX Training in C Programming	III	E-Box	30	28-01-2017 to 31-01-2017	188	Basics of computer coding in C language	2016-2017

St. Joseph's College of Engineering
Department of Mechanical Engineering
Value Added Course Details

S. No	Name of the Course	Year	Organization / Institute	Course Duration (Hours)	Date Conducted	*No. of students attended	Course Objective	Academic year
18	Career Development Program	III	Strides Consulting Inc	30	28-01-2017 to 31-01-2017	51	A unique motivational program to harness the potential available within aiming at success in profession and become result oriented individual in all walks of life.	2016-2017
19	Computational Fluid Dynamics with open ware software	III	UDVAVISK Technologies.	64	19-06-2017 to 24-06-2017	96	Theoretical and Practical study of CFD with open source software	2017-2018
20	Finite Element Analysis	III	UDVAVISK Technologies.	64	19-06-2017 to 24-06-2017	59	Theoretical and Practical study of FEA with open source software	2017-2018
21	Advanced Hydraulics and Pneumatics	III	Michelin Tyres Indi	64	19-06-2017 to 24-06-2017	50	Industrial hands on training on hydraulics and pneumatic trainer kit	2017-2018
22	Hands on Training in Automotive Engine assembly, Transmission drives and Air Conditioning Unit	III	Goodwin motors	64	19-06-2017 to 24-06-2017	79	To know the basic servicing and parts of engine, transmission and R&AC	2017-2018
23	Product Engineering with FEA	III	UDVAVISK Technologies.	30	15-01-2018 to 17-01-2018	50	Theoretical and Practical study of FEA with open source software	2017-2018

St. Joseph's College of Engineering
Department of Mechanical Engineering
Value Added Course Details

S. No	Name of the Course	Year	Organization / Institute	Course Duration (Hours)	Date Conducted	*No. of students attended	Course Objective	Academic year
24	Skill Development Program on Vehicle Dynamics	III	REPUBLIC Motors, Dausa, Rajasthan	30	15-01-2018 to 17-01-2018	68	Training exposure on Chassis Types and Design, Engine assembly, Transmission and Vehicle Dynamics of an automobile	2017-2018
25	Automotive Engines Transmission, Live Car Inspection and AC Demonstartion	III	Goodwin motors	30	15-01-2018 to 17-01-2018	38	Theoretical and Practical study of FEA with open source software	2017-2018
26	NVH Vehicle Dynamics	III	ATALON Product Center Ltd	30	15-01-2018 to 17-01-2018	60	Aspect of NVH-Noise; Ventilation and Harshness. Measurement of Noise, Vibration using Sensors. Introduction to Vechile Dynamics and Vibration Measurement Systems	2017-2018

St. Joseph's College of Engineering
Department of Mechanical Engineering
Value Added Course Details

S. No	Name of the Course	Year	Organization / Institute	Course Duration (Hours)	Date Conducted	*No. of students attended	Course Objective	Academic year
27	Analytical and Numerical Computing using SAGE	III	UDVAVISK Technologies.	30	27-06-2018 to 29-06-2018	75	Numerical Problem Solving using Open source SAGE	2018-2019
28	Hands on Experience in 2 Wheeler Motor Cycle Assembly and	III	Goodwin motors	30	27-06-2018 to 29-06-2018	79	Complete 2 Wheeler -Mechanisms; Service and Maintenance	2018-2019
29	NVH-Vehicle Dynamics	III	ATALON	30	27-06-2018 to 29-06-2018	73	1.Vibration Measurement Techniques 2. Vehicle Dynamics-Field Testing 3.Vibration Based Condition Monitoring	2018-2019
30	Industrial Robotics	III	AGIIT	30	23-01-2019 to 25-01-2019	217	1. Application of Robots 2.Robotic Programming	2018-19
40	Automotive Technologies & system	III	Goodwin motors	64	20-06-2019 to 26-06-2019	113	Complete 2 & 4 Wheeler - Mechanisms; Service and Maintenance	2019-20
41	Industrial Robotics & Automation	III	AGIIT	64	20-06-2019 to 26-06-2019	91	1. Application of Robots 2.Robotic Programming	2019-20