

## Attainment of Course Outcomes for 2016-17 Passed Out Batch Regulation -R13

Course Code	Course Outcomes (CO's)						AVG
	CO1	CO2	CO3	CO4	CO5	CO6	
<b>C101</b>	1.1	1.12	1.2	1.1	1.2	1.2	1.15
<b>C102</b>	1.04	0.9	0.88	0.7	0.96	0.9	0.90
<b>C103</b>	1.2	0.9	1.2	0.9	1.2	1	1.07
<b>C104</b>	1.2	0.73	0.88	0.8	0.9	0.8	0.89
<b>C105</b>	0.72	0.67	0.4	0.88	1.2	1	0.81
<b>C106</b>	1.2	1.2	1.2	1.2	1.2	1.2	1.20
<b>C107</b>	1.2	0.4	0.6	0.72	0.72	0.6	0.71
<b>C108</b>	3	3	3	3	3	3	3.00
<b>C109</b>	3	3	3	3	3	3	3.00
<b>C110</b>	3	3	3	3	3	3	3.00
<b>C111</b>	3	3	3	3	3	3	3.00
<b>C211</b>	3	2.9	1	1.2	3	1.2	2.05
<b>C212</b>	0.67	0.8	0.8	0.6	1.07	1	0.82
<b>C213</b>	2.93	2.87	2.8	2.8	3	3	2.90
<b>C214</b>	2.4	2.6	2.6	2.8	2.6	2.6	2.60
<b>C215</b>	2.53	2.6	2.6	2.6	2.87	2.9	2.68
<b>C216</b>	3	3	3	3	3	3	3.00
<b>C217</b>	3	3	3	3	3	3	3.00
<b>C218</b>	3	3	3	3	3	3	3.00
<b>C221</b>	3	3	3	3	3	3	3.00
<b>C222</b>	2.47	2.73	2.6	2.6	2.73	2.6	2.62
<b>C223</b>	1.47	1.53	1.6	1.6	1.67	1.6	1.58
<b>C224</b>	1.53	1.2	1.8	1.4	1.67	1.8	1.57
<b>C225</b>	3	3	3	3	3	3	3.00
<b>C226</b>	1.53	1.8	1.8	1.6	1.8	1.8	1.72
<b>C227</b>	3	3	3	3	3	3	3.00
<b>C228</b>	3	3	3	3	3	3	3.00
<b>C311</b>	3	2.87	2.8	3	3	2.8	2.91

<b>C312</b>	3	2.87	2.8	3	3	3	2.95
<b>C313</b>	2.3	2	2	2.2	2	1.8	2.05
<b>C314</b>	1.53	1.4	1.4	1.53	1.4	1.2	1.41
<b>C315</b>	1.27	1.27	1.3	1.6	1.13	1.3	1.31
<b>C316</b>	1.4	1.53	1.5	1.4	1.67	1.4	1.48
<b>C317</b>	3	3	3	3	3	3	3.00
<b>C318</b>	3	3	3	3	3	3	3.00
<b>C321</b>	2.26	2.26	2.4	2.4	2.4	2.4	2.35
<b>C322</b>	2.72	2.86	2.8	2.72	2.72	3	2.80
<b>C323</b>	2.4	2.13	2.4	2.4	2.4	2.4	2.36
<b>C324</b>	1.4	1.53	1.4	1.4	1.67	1.4	1.47
<b>C325</b>	1.27	1.4	1.2	1.2	1.4	1.4	1.31
<b>C326</b>	3	3	3	3	3	3	3.00
<b>C327</b>	3	3	3	3	3	3	3.00
<b>C328</b>	3	3	3	3	3	3	3.00
<b>C411</b>	1.4	1.8	1.4	1.72	1.8	1.8	1.65
<b>C412</b>	1.73	1.53	1.5	1.6	1.4	1.4	1.53
<b>C413</b>	2.2	2	2	2.2	2.4	2.4	2.20
<b>C414</b>	3	3	3	3	3	3	3.00
<b>C415</b>	1.07	1.2	1.07	1.2	1.07	1.2	1.14
<b>C416</b>	2.4	2.33	2.3	2.4	2.33	2.4	2.36
<b>C417</b>	3	3	3	3	3	3	3.00
<b>C418</b>	3	3	3	3	3	3	3.00
<b>C421</b>	2.4		2.4	2.4	2.4	2.4	2.40
<b>C422</b>	2.73	2.6	2.8	2.6	3	3	2.79
<b>C423</b>	1.67	1.8	1.8	1.8	1.8	1.8	1.78
<b>C424</b>	3	3	3	3	3	3	3.00
<b>C425</b>	3	3	3	3	3	3	3.00
<b>C426</b>	3	3	3	3	3	3	3.00
<b>C427</b>	3	3	3	3	3	3	3.00

**Course References R13 regulation**

<b>C101</b>	English (ENG)
<b>C102</b>	Mathematics – I (M-I)
<b>C103</b>	Engineering Mechanics (EM)
<b>C104</b>	Engineering Physics (EP)
<b>C105</b>	Engineering Chemistry (EC)
<b>C106</b>	Engineering Drawing (ED)
<b>C107</b>	Computer Programming (CP)
<b>C108</b>	Computer Programming Lab (CP Lab)
<b>C109</b>	Engineering Physics/ Engineering Chemistry Lab (EP&EC Lab)
<b>C110</b>	English Language Communication Skills Lab (ELCS Lab)
<b>C111</b>	IT Workshop / Engineering Workshop (ITW&EW)
<b>C211</b>	Environmental Studies (ES)
<b>C212</b>	Probability and Statistics (P&S)
<b>C213</b>	Electrical and Electronics Engineering (EEE)
<b>C214</b>	Mechanics of Solids (MOS)
<b>C215</b>	Thermodynamics (TD)
<b>C216</b>	Metallurgy and Material Science (MMS)
<b>C217</b>	Electrical and Electronics Engineering (EEE Lab)
<b>C218</b>	Metallurgy & Mechanics of solids (M & MOS Lab)
<b>C221</b>	Production Technology (PT)
<b>C222</b>	Kinematics of Machinery (KOM)
<b>C223</b>	Thermal Engineering-1
<b>C224</b>	Mechanics of Fluids and Hydraulic Machines (FM&HM)
<b>C225</b>	Machine Drawing (MD)
<b>C226</b>	Mathematics – II (M-II)
<b>C227</b>	Production Technology (PT Lab)
<b>C228</b>	Mechanics of Fluids and Hydraulic Machines (FM&HM Lab)
<b>C311</b>	Managerial Economics and Financial Analysis (MEFA)
<b>C312</b>	Engineering Metrology (EM)
<b>C313</b>	Dynamics of Machinery (DOM)
<b>C314</b>	Machine Tools (MT)
<b>C315</b>	Design of Machine Members 1 (DMM 1)

<b>C316</b>	Thermal Engineering 2 (TE 2)
<b>C317</b>	Machine Tools and Metrology Lab (MT & MSE Lab)
<b>C318</b>	Thermal Engineering Lab (TE Lab)
<b>C321</b>	Automobile Engineering (AE)
<b>C322</b>	Finite Element Methods (FEM)
<b>C323</b>	Refrigeration & Air Conditioning (R&AC)
<b>C324</b>	Design of Machine Members 2 (DMM 2)
<b>C325</b>	Heat Transfer (HT)
<b>c326</b>	Human Values and Professional Ethics (HVPE)
<b>C327</b>	Heat Transfer Lab (HT Lab)
<b>C328</b>	Advanced Communication Skills Lab (ACS Lab)
<b>C411</b>	Operations Research (OR)
<b>C412</b>	Power Plant Engineering (PPE)
<b>C413</b>	CAD/CAM
<b>C414</b>	Instrumentaton & Control Sysytems (ICS)
<b>C415</b>	Robotics
<b>C416</b>	Unconventional Machinig Processess (UCMP)
<b>C417</b>	Computer Aided Design & Manufacturing Lab (CAD/CAM Lab)
<b>C418</b>	Production Drawing Practice and Instrumentation Lab (PDP/ICS Lab)
<b>C421</b>	Production Planning and Control (PPC)
<b>C422</b>	Plant Layout and Material Handling (PLMH)
<b>C423</b>	Renewable Energy Resources (RES)
<b>C424</b>	Induatry Oriented Mini Project
<b>C425</b>	Seminar
<b>C426</b>	Project Work
<b>C427</b>	Comprehensive Viva