

Course Code	18DCC005L	Course Name	CHALLENGE PROJECT ON PRODUCT PROTOTYPING	Course Category	C	Minor			
						L	T	P	C
						0	0	12	6

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	SRM Innovation and Incubation Center			Data Book / Codes/Standards	Nil

Course Learning Rationale (CLR):		The purpose of learning this course is to:		
CLR-1 :	To prepare the student to gain major design and or research experience as applicable to the profession			
CLR-2 :	Carry out the projects within multiple design constraintsand engineering writing			
CLR-3 :	Incorporate multidisciplinary components			
CLR-4 :	Carry out the Product Prototyping			

Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:		
CLO-1 :	Students will be able to design a <i>product prototype</i>			

Learning		
1	2	3
Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment(%)
100	80	85

Program Learning Outcomes (PLO)														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Engineering Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Lifelong Learning	PSO-1	PSO-2	PSO- 3
H	-	-	-	-	-	-	H	-	-	-	-	-	-	-

Learning Assessment					
Continuous Learning Assessment		Assessment tool	Review I	Review II	Review III
		Weightage	5%	20%	25%
Final Evaluation		Assessment tool	Project Report	Viva Voce *	Total
		Weightage	20%	30%	50%