

**RAMCO INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**ACADEMIC YEAR 2015-16**  
**ME6612-DESIGN AND FABRICATION PROJECT**

Sl.No.	Project title	PO's relevance	PSO's relevance
<b>New product development</b>			
1.	Design & Fabrication Of Mechanical Pill Dispenser	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
2.	Design And Fabrication Of Millet Extractor	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
3.	Design And Fabrication Of Pedal Operated Single Drive Dual Utility Machine	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
4.	Design And Fabrication Of Can Crusher	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
5.	Design And Fabrication Of Automatic Sieving Machine By Using Bucket Conveyor System	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
6.	Design And Fabrication Project Quadruped Logistic Vehicle	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
7.	Design And Fabrication Of Vacuum Chamber And Blower For Dehydration Machine	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
8.	Design And Fabrication Of Carton Box Transportation Mechanism	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
9.	Design And Fabrication Of Gear Operated Rotary Trailer	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
10.	Design And Fabrication Of Pedal Operated Double Acting Hacksaw Machine	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
11.	Design And Fabrication Of Mechanical Sweeping Machine	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
12.	Design And Fabrication Of Lawn Mower With Adjustable Cutter	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
13.	Design And Fabrication Of All Direction Steering Mechanism	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
<b>Projects in specific applications</b>			
14.	Design And Fabrication Of Chemicals Mixing Device	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2

	Using Kinematic Linkages		
15.	Design And Fabrication Of Collecting Tank And Restricted Plate For Dehydrating Equipment Of Herbal Leaves	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2,3
16.	Design & Fabrication Of Portable Water Purifier	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
17.	Design And Fabrication Of Sheet Metal Bender	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
18.	Design And Fabrication Of Automatic Spiral Binding Machine	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
19.	Design And Fabrication Of Lathe Fixture For Nut Productio	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
20.	Design And Fabrication Of Dual Transmission System	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
21.	Design And Fabrication Of Tribometer For Various Materials	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
22.	Design And Fabrication Of Equal Channel Angular Extrusion Die	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2
23.	Design And Fabrication Of Domestic Sewage Cleaner	PO-1,2,3,4,5,6,7,9,10,11,12	PSO-1,2