



**DNR COLLEGE OF ENGINEERING & TECHNOLOGY**  
**BHIMAVARAM, W.G.Dist., A.P., PIN-534202**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

<b>Program Name:</b>	M.TECH-MACHINE DESIGN	<b>Academic Year</b>	2019-20
<b>Regulation</b>	R16	<b>Class / Sem</b>	II/I

**COURSE OUTCOMES (Cos):**

**Upon completion of the course, students will be able to:**

<b>Course code</b>	<b>CO Statement –Seminar-I</b>	<b>TAXONOMY LEVEL</b>
CO15212.1	Knew the advances in the areas of mechanical engineering	Understand
CO15212.2	Ability to collect the technical data	Apply
CO15212.3	Analyze data based on literature survey	Apply
CO15212.4	Ability to develop the oral and written presentation skills.	Create
CO15212.5	Knew the concept of novelty of work	Apply
CO15212.6	Develop technical writing skills	Create

<b>Course code</b>	<b>CO Statement –Project Work Part-I</b>	<b>TAXONOMY LEVEL</b>
CO15213.1	Identify right problem and come with abstract for the proposed problem.	Remember
CO15213.2	Build a prospective solution based on recent literature survey and data gathering.	Create
CO15213.3	Identify the various resources and components required to complete project.	Remember
CO15213.4	Solve the problem by creating a working model implementation or simulation study using a tool.	Apply
CO15213.5	Justify the project work progress to a panel of experts in the form of written report and presentation.	Evaluate
CO15213.6	Conduct Experimental or simulation studies and take observations, analyze and conclude the results.	Evaluate
CO15213.7	Develop a simulation model to apply a software tool to solve the problem	Create
CO15213.8	Fabricate a working model.	Analyze
CO15213.9	Prepare a thesis as per given university guidelines for the project taken up.	Create
CO15213.10	Plan the tasks required the for the project and split among team for execution and complete the project within the stipulated time.	Remember
CO15213.11	Express the contribution towards the project as a team member while submitting the report.	Understand
CO15213.12	Participate in competitions or expos or technical publications to demonstrate the project outcomes.	Apply



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**DEPARTMENT OF MECHANICAL ENGINEERING**

<b>Program Name:</b>	M.TECH-MCHINE DESIGN	<b>Academic Year</b>	2019-120
<b>Regulation</b>	R16	<b>Class / Sem</b>	II/II

**COURSE OUTCOMES (Cos):**

Upon completion of the course, students will be able to:

<b>Course code</b>	<b>CO Statement –Seminar-II</b>	<b>TAXONOMY LEVEL</b>
CO15212.1	Knew the advances in the areas of mechanical engineering	Understand
CO15212.2	Ability to collect the technical data	Apply
CO15212.3	Analyze data based on literature survey	Apply
CO15212.4	Ability to develop the oral and written presentation skills.	Create
CO15212.5	Knew the concept of novelty of work	Apply
CO15212.6	Develop technical writing skills	Create

<b>Course code</b>	<b>CO Statement –Project work part-II</b>	<b>TAXONOMY LEVEL</b>
CO15213.1	Identify right problem and come with abstract for the proposed problem.	Remember
CO15213.2	Build a prospective solution based on recent literature survey and data gathering.	Create
CO15213.3	Identify the various resources and components required to complete project.	Remember
CO15213.4	Solve the problem by creating a working model implementation or simulation study using a tool.	Apply
CO15213.5	Justify the project work progress to a panel of experts in the form of written report and presentation.	Evaluate
CO15213.6	Conduct Experimental or simulation studies and take observations, analyze and conclude the results.	Evaluate
CO15213.7	Develop a simulation model to apply a software tool to solve the problem	Create
CO15213.8	Fabricate a working model.	Analyze
CO15213.9	Prepare a thesis as per given university guidelines for the project taken up.	Create
CO15213.10	Plan the tasks required the for the project and split among team for execution and complete the project within the stipulated time.	Remember
CO15213.11	Express the contribution towards the project as a team member while submitting the report.	Understand
CO15213.12	Participate in competitions or expos or technical publications to demonstrate the project outcomes.	Apply