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| <b>Department of ME</b>            |  |
| <b>B.Tech - III-Year</b>           |  |
| <b>CO</b>                          | <b>Subject Name -CO Statements</b>   |
| <b>C305:Thermal Engineering-II</b> |  |
| <b>CO#</b>                         | <b># Student will be able to</b>   |
| <b>C305.1</b>                      | Study Rankine cycle and understand different types of boilers.                 |
| <b>C305.2</b>                      | Evaluate different parameters of steam nozzle to design its shape.             |
| <b>C305.3</b>                      | Analyze different types of turbines by using velocity triangles.               |
| <b>C305.4</b>                      | Estimate the performance of a condensing unit in a given power plant.          |
| <b>C305.5</b>                      | Understand different gas turbine cycles and methods to improve its efficiency. |
| <b>C305.6</b>                      | Study and explain Jet propulsion and Rocket propulsion engines.                |