

## Research Methodology for Technology

	<b>Objective:- To understand the basic process and steps of research in engineering, and study various presentation models of research.</b>	
<b>Sr. No</b>	<b>Topics and Details</b>	<b>Weightage in %</b>
1	Research Basic: What is research, Importance of Research, Role of research in society, aims and Objective of Research, Literature Survey, purpose and use of literature survey, various resources for literature survey, presentation of compiled literature reviews of various models and methods in literature survey. Identification of thrust areas, formulation of Problems, research objectives.	25%
2	Design of research:-Problem Definition, Data collection, steps in design process, Introduction to various statistical tools for data analysis, modeling, simulation packages and tools, characterization of Experimental process.	25%
3	Research Presentation:- Research paper writing, paper presentation, Introduction to presentation tools, thesis writing, introduction to tools for writing thesis and graphics for presentation of thesis. Introductions to patents, process of filing patents etc.	25%
4	Ethics and Morals in Research:-Issues related to Plagiarism, acknowledgements, intellectual property rights, copy rights etc	25%