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Experiment no.	Experiment name	Date of experiment	Date of submission	Remarks
1.	To get familiar with Simulink	February 22, 2022.	March 27, 2022.	
2.	Analyzing the dynamics of a Physical System (Mechanical system) using mass spring damper system	March 13, 2022.	March 27,2022.	
3.	Analyzing the dynamics of a first order system using RC circuit & RL circuit in MATLAB Simulink.	March 27, 2022.	June 06,2022.	
4.	Analyzing the dynamics of a second order system using DC motor in MATLAB Simulink.	March 27, 2022.	June 06,2022.	
5.	Formation of State-space, Transfer function and domain conversion using MATLAB	June 19, 2022	July 17,2022	
6.	Control the dynamics of a physical system (DC motor) using PID controller	June 19, 2022	July 17,2022	
7.	Analysis the dynamics of a system using root locus	July 17, 2022	July 31,2022	
8.	Analysis the dynamics of a system using bode plot	July 17, 2022	July 31,2022	