

Course code: VAC1907		Course title: Exploring Matlab-Simulink
School / Centre: SELECT		
Beneficiaries: UG / PG/ Research		
Course objective:	Aims to provide: <ul style="list-style-type: none"> • Basics of MATLAB/SIMULINK • Tips and tricks • Advanced techniques for specialized areas 	
Course outcome:	A student should be able to <ul style="list-style-type: none"> • Understand the procedures, algorithms, and concepts require to solve specific problems • Use computing tools and languages to solve engineering problems 	
S. No.	Topic	Duration (hours)
1	Matlab – programming and application	6
2	Simulink – System and Application Modeling	6
3	Simulink – Control and Engineering Applications	6
4	Physical system Modeling – using Simscape	6
5	Code Generation and Stateflow	6
	Total course duration	30
	Date of Board of Studies in which it is recommended	10-05-2017
	Date and Number of the Academic Council in which it is approved	