



**Dept. of Electrical & Electronics Engg,
BMS College of Engineering,
IEEE PELS, IES & SSIT Bangalore Chapters**

Online Hands-on Workshop
“Simulation tools for Power converters and applications”
 27th to 31th July 2020

SCHEDULE

Date	Time	Session-Topic	Resource Person
27.07.2020 Monday	10 am – 12pm	Introduction to LTspice	Mr. Hemanth Kumar IISc, Bangalore
	2 pm – 4 pm	Magnetics for Power Converters	
28.07.2020 Tuesday	10 am – 12pm	Introduction to Scilab	Mr. Hemanth Kumar IISc, Bangalore
	2 pm – 4 pm	EMTP Coding	
29.07.2020 Wednesday	10 am – 12pm	Simulation of Buck Converter and it's compensation techniques (tina Software)	Mr. Sreenidhi Patil Product Definer- High Speed Amplifiers Texas Instruments
	2 pm – 4 pm	Simulation Single phase SPWM Inverter (LTspice)	Mr. Saif Absar Senior Hardware Engineer, Ola Electric Mobility Pvt. Ltd.
30.07.2020 Thursday	10 am – 12pm	Analytical Modelling of Power Electronic Converters and Drives (MATLAB)	Dr. Arjun M. IOE-Post Doctoral Fellow, Dept. of EEE, IISc
	2 pm – 4 pm		
31.07.2020 Friday	10 am – 12pm	Closed loop Simulation of Power converters with different controllers (MATLAB)	Dr. Tousif Khan N. Assistant Professor, SRM University, Vijayawada
	2 pm – 4 pm		

Assignments: Assignments will be given after every session. All the participants are required to submit assignments within the specified timeline.