MATLAB

MAT1	Closed and open loop buck converter implementation	
MAT2	Economic Load Dispatch using Firefly algorithm	
MAT3	Fuzzy logic based AGC (Automatic Generation Controller) 2 area system	
MAT4	Phase signal parameter estimation using LMS algorithm	
MAT5	Fault modeling and classification in three phase system	
MAT6	Solar MPPT using P&O algorithm	
MAT7	Solar inverter with SPWM technique	
MAT8	Grid integrated solar system	
MAT9	Hybrid solar and wind system modelling	
MAT10	THD reduction using Shunt Active Power Filter (APF)	
MAT11	Grid synchronized Wind modelling	
MAT12	Solar MPPT under partial shedding condition	
MAT13	Soft switching boot converter with auxiliary HI resonant circuit	
MAT14	Multi robot task allocation using PSO and GSA	
MAT15	Dynamic robot path planning using Potential field method	
MAT16	Vector controlled induction motor drive	
MAT17	Economic Load Dispatch using PSO algorithm	
MAT18	Economic Load Dispatch using GSA algorithm	
MAT19	Transformer Inrush and internal fault modeling using Fuzzy logic	
MAT20	VSC controlled HVDC system	
MAT21	DC motor speed control using PWM	
MAT22	Armature controlled DC motor drive	
MAT23	Three level inverter	
MAT24	Five level inverter	
MAT25	Seven level inverter	

MAT26	Single phase to Three phase converter	
MAT27	Sinusoidal PWM based inverted design	
MAT28	Power factor correction using active filtering technique	
MAT29	Boost converter with PID controller	
MAT30	Buck Boost modeling using simulink	
MAT31	Advanced buck boost converter using H bridge	