



M.Kumarasamy
College of Engineering

NAAC Accredited Autonomous Institution

Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution

Thalavapalayam, Karur, Tamilnadu.



Department of Electrical and Electronics Engineering

TECHNICAL SUPPORTING STAFF LIST

S.No	Name of the Technical faculty	Qualification	Designation
1	Mr.K.Rajkumar	DEEE	Lab Instructor
2	Mr.V.Ananthan	DEEE	Lab Instructor
3	Mr.A.Raghupathi	DEEE	Lab Instructor
4	Mr.P.Sakthivel	DEEE	Lab Instructor
5	Mr.V.S.Ponnusamy	DECE	Lab Instructor
6	Mr.D.Navaneethan	B.E.	Lab Instructor
7	Ms.S.Dhivya	B.E	Lab Instructor
8	Mr.A.Shanavash	M.E.	Lab Instructor
9	Mrs.T.Uma	HSC	Lab Instructor



Department of Electrical and Electronics Engineering

TECHNICAL SUPPORTING STAFF LIST

S.No	Name of the Laboratory	No of Students per setup (Batch Size)	Name of the important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Electrical Machines Lab-I Electrical Machines-I & II Laboratory	4 (30)	Rectifier Unit, DC motors (Shunt, Series, Compound), DC generators (Self, Separately, DC Series, DC Compound), <i>3 Phase & 1 Phase Autotransformer, Single phase induction motor, Three phase induction motor, Three phase Alternators, Various types of loads</i>	12 hours	Mr.D.Navaneethan	Lab. Instructor	B.E.
2	Electrical Machines Lab-II Electrical Drives and Control Lab.(Mech)	4 (30)	Rectifier Unit, DC motors (Shunt, Series, Compound), DC generators (Self, Separately, DC Series, DC Compound), <i>Single phase and Three phase transformers, 1 Phase Autotransformer, Various types of loads</i>	8 hours	Mr.D.Navaneethan	Lab. Instructor	B.E.

3	Electronic Devices and Circuits Laboratory/ <i>Linear and Digital Integrated Circuits Laboratory</i>	4 (30) 4 (30)	Single and dual mode power supplies, Digital Storage Oscilloscopes, Dual Channel CRO, Function generators, ORCAD PSPICE software, <i>Single and dual mode power supplies, Function Generator(1MHz), Personal Computer with PSPICE installed, Digital Storage Oscilloscope, Dual Channel CRO</i>	12 hours /12 hours	Mr.A. Shanavash	Lab Instructor	M.E.
4	Measurements & Instrumentation Laboratory / <i>Microcontroller and Embedded Programming Laboratory</i>	4 (30) / 4 (30)	Bridges, Single phase energy meter, Current transformer, Instrumentation Amplifier, Digital Multimeter, LCR Meter 8085 Microprocessor Trainer kit, 8085 Interfacing boards. 8051 Microprocessor Trainer kit, 8051 Interfacing boards, Stepper Motor, DC Motor	6 hours /12 hours	Mr.V.Aanathan	Lab Instructor	DEEE
5	Electrical Drives and Control Laboratory / <i>Power Electronics Laboratory</i>	4 (30) / 4 (30)	BLDC motor, Trainer kit for DSP controller, SRM power module, Personal Computer (HP,3.30GHz, 2GB RAM), MAT Lab. Software, PLC based VFT Drive, AC Motor & DC Motor, Spartan Six FPGA Development Board, SRM eddy current Load setup <i>Dual Channel CRO, Power Scope, Cyclo Converter, SCR series</i>	18 hours/ 12 hours	Mr.K.Rajkumar	Lab Instructor	DEEE

			<i>inverter, SCR Parallel Inverter, Voltage and current commutated Chopper, SCR three phase AC regulator, Resonant DC-DC Converter, Single phase and three phase PWM converter, Computer system with MATL AB Software</i>				
6	Control systems Laboratory	4 (30)	DC servo motor, AC servo motor, Stepper motor, DC motor and trainer kit for Lead and lag compensator	12 hours	Mr.A.Raghupathi	Lab Instructor	DEEE
7	Design Projects Laboratory / <i>Electric Circuit Analysis Laboratory</i>	4 (30) 4 (30)	Opto coupler Kit, Electromagnetic Relay Kit, <i>Single and dual mode power supplies, Digital Storage Oscilloscopes, Dual Channel CRO, Function generators, Transformer, Capacitive load</i>	12 hours /16 hours	Mr.T.Uma	Lab Instructor	HSC
8	Power System Simulation Laboratory	1 (30)	Mi Power Software and Lab View Software, Personal Computer (HP, 3.30GHz, 2GB RAM), MAT Lab. Software	18 hours	Ms.S.Divya	Lab Instructor	B.E.
9	Project Laboratory	-	Mi Power Software and Lab View Software, Personal Computer (HP, 3.30 GHz, 2GB RAM), MAT Lab. Software.	Any Time	Mr.D.Navaneethan	Lab. Instructor	B.E.
10	Skill Laboratory	1 (30)	Lab View Software (50 users) with Personal Computer (HP, 3.30 GHz,	Any time	Mr.A.Raghupathi	Lab Instructor	DEEE

			2GB RAM), MAT Lab. (10 users) Software.				
11	Robotics Laboratory / R & D Laboratory	-	Fluke Power Quality and motor Analyser Various Robotics Kit	Any Time	Mr.V.S.Ponnusamy	Lab Instructor	DECE
12	Basic Electrical and Electronics Engg. Lab.	4 (60)	Single phase and Three phase transformers 1 Phase Autotransformer, Various types of loads	12 hours	Mr.K.Sakthivel	Electrician	DEEE



Department of Electrical and Electronics Engineering

ACADEMIC YEAR – 2018-19

LAB INCHARGE WITH TECHNICAL FACULTY LIST

S. No	Name of the Laboratory	Laboratory In-charge	Technical supporting staff
1	Electrical Machines Lab. - I Electrical Machines – I Laboratory	Mr. P.Maniraj	Mr. D. Navaneethan
2	Electrical Machines Lab. - II Electrical Drives and Control (Mech) Laboratory	Mr. P.Maniraj	
3	Project Laboratory	Dr.K.P.Satheymoorthy	
6	Electrical Drives and Control Laboratory	Mr. M.Ramesh	Mr.K.Rajkumar
7	Power Electronics Laboratory	Dr. S.Banumathi	
8	Electronic Devices and Circuits Laboratory	Mr. B.Rajesh Kumar	Mr.A.Shanavash
9	Linear and Digital Integrated Circuits Laboratory	Mr. AL.Chockalingam	
10	Measurements & Instrumentation Laboratory	Mr. G.N.Sachin Amreiss	Mr.V.Ananathan
11	Microcontroller and Embedded Programming Laboratory	Ms. M.Lincy Luciana	
12	Robotics Laboratory / Research & Development Laboratory	Dr.G.Saravanan	Mr.V.S.Ponnusamy
13	Power System Simulation Laboratory	Mr. PL. Somasundaram	Ms. S.Divya
14	Control systems Laboratory	Mrs. M.Jeyapriya	Mr.A.Raghupathi
15	Skill Laboratory	Dr.D.C.Kumaresan	
16	Basic Electrical and Electronics Engineering Laboratory	Mr. V.Jayakumar	Mr.M.Sakthivel
17	Design Project Laboratory	Ms. P.Santhoshini	Mrs.T.Uma

HOD/EEE