V.S.B. ENGINEERING COLLEGE, KARUR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year 2018-19 (EVEN SEMESTER)

ASSIGNMENT QUESTIONS

CLASS IV YEAR/ VIII SEMESTER

EE6801 –ELECTRIC ENERGY GENERATION, UTILIZATION AND CONSERVATION

Name of Faculty member: **R.Sivakumar**

Sl. No.	Reg. No.	Name of the Student	Assignment Questions
1.	922515105001	AJITHKUMAR P	Energy conservation act 2001 and its features
2.	922515105002	ALAGAPPAN P L	Indian energy scenario
3.	922515105003	ANANTH M	Sectorial energy consumption(domestic and industrial and other sectors
4.	922515105004	BHOOMAMALLESWARI G S	Electricity saving techniques
5.	922515105005	BOOPATHI K	Energy needs for growing economy
6.	922515105006	CHARUMATHI M	Energy conservation and its importance's
7.	922515105007	DHIVYA S	Digitalization of electric locomotives
8.	922515105008	DINESH R	Modern methods of speed control of industrial motors
9.	922515105010	FRANKLIN J	Load equalization
10.	922515105012	GAYATHRI R	Environmental impacts of wind energy.
11.	922515105013	GIRIPRASATH S	Types of battery used for traction system
12.	922515105014	GOKULNATH S	Types of inverters used for traction system
13.	922515105015	GOPINATH R	Current collection systems for trolley and cranes.
14.	922515105017	HARSHINI A	Third rail used in traction
15.	922515105018	KARTHEE P M	Solar generation in Tamilnadu- A Statistical approach
16.	922515105019	KATHIRVEL G	Wind generation in Tamilnadu-A Statistical approach
17.	922515105021	KAVIYA R	Smart grid with renewable energy source
18.	922515105020	KAVIYA G	Safety measures used in arc furnaces industry
19.	922515105022	KEERTHANA S	Safety measurers used in induction heating.
20.	922515105023	KOWSALYA G	Optimum Light saving techniques used for energy conservation
21.	922515105024	KUMARAN S	Design of illumination systems- Residential apartments
22.	922515105025	MALARVIZHI M	Design of illumination systems- Shopping complex building
23.	922515105026	MANJUTHAA N	Design of illumination systems- Restaurants
24.	922515105027	MANOBHARATHI S	A survey about high speed bullet train in India

Sl. No.	Reg. No.	Name of the Student	Assignment Questions
25.	922515105028	MOHANLAL M	Manufacturing Glass in industry using electric furnaces
26.	922515105029	POOVARASAN S	Arc furnace used in steel and rolling mill
27.	922515105030	PRAKASH G	Working of room heater
28.	922515105031	PRAVEEN KUMAR M	Working immersion heater
29.	922515105032	PRAVEENKUMAR S	Industrial application of dissimilar metal welding
30.	922515105033	RAMYA J	MIG welding used in industries
31.	922515105034	RUBA K	Gas tungsten and arc welding industry used for automotive industries
32.	922515105035	SABARINATHAN M	oxy acetylene welding equipment
33.	922515105036	SANJAY S	Electric traction around the world
34.	922515105037	SANTHOSH S	Trolley Pole
35.	922515105038	SANTHOSHKUMAR K	Traction power network
36.	922515105040	SIVAKUMAR M	Solar room heating
37.	922515105041	SIVARANJANI S	Mini wind power mill used for residential building
38.	922515105042	SIVASANKARAN K	Mini solar plant - used for residential building
39.	922515105043	SNEKA V	A survey about the Eco friendly power generation
40.	922515105044	SOUNDARYA D	Power Quality and its effects on conservation
41.	922515105045	SOWBARNICA A	Economics of power factor improvement
42.	922515105046	SOWBARNIGA S	Concepts of distributed generation
43.	922515105048	SUBIDSHA S	Generation of electrical power by tidal
44.	922515105049	THAHIRABANU M	Generation of electrical power by Geo thermal
45.	922515105050	TIRUAJAN C S	Generation of electrical power by MHD
46.	922515105051	VAISHALI K	Challenges of Wind power Generation
47.	922515105052	VIGNESHWARAN B	Wind power Generation modeling and control
48.	922515105053	YUVARAJ P	Electric appliance using solar and electrical supply – A comparison
49.	922515105301	NITHYA M	Solar charger
50.	922515105302	SANTHOSH S	Solar plate inverter

EE6009 – POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS

Name of Faculty member: **S.Muthu Kumar**

Sl. No.	Reg.No.	Student Name	Assignment topic
1	922515105001	AJITHKUMAR P	Explain in detail the operation and working of Geothermal energy sources
2	922515105002	ALAGAPPAN P L	Analysis of wound rotor Induction motor.
3	922515105003	ANANTH M	Write a note on Forced commutated converter
4	922515105004	BOOMAMALLESHWARI G S	Design and analysis of hybrid wind-Photovoltaic system.
5	922515105005	BOOPATHI K	Hybrid Energy System-A review
6	922515105006	CHARUMATHI M	Explain the operation of hydrogen system with a neat schematic.
7	922515105007	DHIVYA S	Explain the process of gasification of biomass.
8	922515105008	DINESH R	Explain the principle of concentrated solar energy conversion technique using solar collector neatly.
9	922515105010	FRANKLIN J	Explain the operation and characteristics of wind energy with relevant schematic.
10	922515105012	GAYATHRI R	Explain in detail the operation, characteristics features of SCIG used for renewable energy applications with neat schematic.
11	922515105013	GIRI PRASATH S	Explain in detail the operation, characteristics features of DFIG used for renewable energy applications with neat schematic.
12	922515105014	GOKULNATH S	Describe the characteristics features of PMSG used for wind energy conversion.
13	922515105015	GOPINATH R	Explain the field oriented control (FOC) transformation applied to AC achiness briefly.
14	922515105017	HARSHINI A	Explain the principle of Park and Clarke's transformation applied to reference theory fundamental of electrical machines.
15	922515105018	KARTHEE P M	Describe the operation of DC – DC buck converter for PV charging application.
16	922515105019	KATHIRVEL G	Name the PWM technique that is most commonly employed for cascaded Multi level Inverter.
17	922515105020	KAVIYA G	Design a suitable grid interactive inverter for distributed generation system.
18	922515105021	KAVIYA R	Explain the features of soft start circuit used for wind energy conversion system.
19	922515105022	KEERTHANA S	Explain in detail about the operation of three phase AC voltage controller circuit for wind energy conversion system.
20	922515105023	KOWSALYA G	Explain the principle of operation of line commutated single phase inverter for grid integrated system and also explain inversion mode.
21	922515105024	KUMARAN S	Explain in details about grid connected PV system.
22	922515105025	MALARVIZHI M	Describe the operation and characteristics of grid integrated fixed speed wind energy conversion system with relevant schematic.
23	922515105026	MANJUTHAA N	Describe the operation and characteristics of grid integrated variable speed wind energy conversion

			system with relevant schematic.
24	922515105027	MANOBHARATHI S	Explain the configuration of switched hybrid energy systems with functional block representation.
25	922515105028	MOHANLAL M	Explain the different methods of MPPT techniques used in PV energy conversion system.
26	922515105029	POOVARASAN S	Explain briefly about the different methods of MPPT controller used in wind power generation system.
27	922515105030	PRAKASH G	Explain the operation and characteristics of wind energy with relevant schematic.
28	922515105031	PRAVEENKUMAR M	Explain in detail the operation, characteristics features of SCIG used for renewable energy applications with neat schematic.
29	922515105032	PRAVEENKUMAR S	Explain in detail the operation, characteristics features of DFIG used for renewable energy applications with neat schematic.
30	922515105033	RAMYA J	Describe the characteristics features of PMSG used for wind energy conversion.
31	922515105034	RUBA K	Explain the field oriented control (FOC) transformation applied to AC achiness briefly.
32	922515105035	SABARINATHAN M	Explain the principle of Park and Clarke's transformation applied to reference theory fundamental of electrical machines.
33	922515105036	SANJAY S	Explain in detail the operation and working of Geothermal energy sources
34	922515105037	SANTHOSH S	Analysis of wound rotor Induction motor.
35	922515105038	SANTHOSHKUMAR K	Write a note on Forced commutated converter.
36	922515105040	SIVAKUMAR M	Design and analysis of hybrid wind-Photovoltaic system.
37	922515105041	SIVARANJANI S	Hybrid Energy System-A review
38	922515105042	SIVASANKARAN K	Describe the operation of DC – DC buck converter for PV charging application.
39	922515105043	SNEKA V	Name the PWM technique that is most commonly employed for cascaded Multi level Inverter.
40	922515105044	SOUNDARYA D	Design a suitable grid interactive inverter for distributed generation system.
41	922515105045	SOWBARNICA A	Explain the features of soft start circuit used for wind energy conversion system.
42	922515105046	SOWBARNIGA S	Explain in detail about the operation of three phase AC voltage controller circuit for wind energy conversion system.
43	922515105048	SUBIDSHA S	Explain the principle of operation of line commutated single phase inverter for grid integrated system and also explain inversion mode.
44	922515105049	THAHIRA BANU M	Explain in details about grid connected PV system.
45	922515105050	TIRUAJAN C.S.	Describe the operation and characteristics of grid integrated fixed speed wind energy conversion system with relevant schematic.
46	922515105051	VAISHALI K	Describe the operation and characteristics of grid integrated variable speed wind energy conversion system with relevant schematic.
47	922515105052	VIGNESHWARAN B	Explain the configuration of switched hybrid energy systems with functional block representation.
48	922515105053	YUVARAJ P	Explain the different methods of MPPT techniques used in PV energy conversion system.
49	922515105301	NITHIYA M	Explain in details about grid connected PV system.
50	922515105302	SANTHOSH S	Describe the operation and characteristics of grid integrated fixed speed wind energy conversion system with relevant schematic.

GE6075 – PROFESSIONAL ETGHICS IN ENGINEERING

Name of Faculty member: **R.Arunkumar**

Sl. No.	Reg.No.	Student Name	Assignment topic
1	922515105001	AJITHKUMAR P	Public Administrative Environments
2	922515105002	ALAGAPPAN P L	Ethical Dilemma In Public Administration (Preston Tate Case)
3	922515105003	ANANTH M	Business Ethics
4	922515105004	BOOMAMALLESHWARI G S	Social Justice & Ethics
5	922515105005	BOOPATHI K	Ethical Human Resource
6	922515105006	CHARUMATHI M	Gendered Ethics
7	922515105007	DHIVYA S	Pop Culture Creation
8	922515105008	DINESH R	Human Perspective On Aging
9	922515105010	FRANKLIN J	Is Proof For The Existence Of God Necessary? Or Are Science And Religion In Conflict?
10	922515105012	GAYATHRI R	Public Safety Plan
11	922515105013	GIRI PRASATH S	Personal Culture And Appreciating Others Culture
12	922515105014	GOKULNATH S	Social Policy
13	922515105015	GOPINATH R	Cultural Intelligence
14	922515105017	HARSHINI A	Sustainable Development
15	922515105018	KARTHEE P M	Personal Perception Of Organized Crime
16	922515105019	KATHIRVEL G	USA Patriot Act And Civil Liberties
17	922515105020	KAVIYA G	Love And Relationship
18	922515105021	KAVIYA R	Childhood adolescence and adulthood development
19	922515105022	KEERTHANA S	Politeness Strategies Examination
20	922515105023	KOWSALYA G	Sociological Perspective And Social World
21	922515105024	KUMARAN S	Patterns Of Emotional Reactivity And Regulation In Children With Anxiety Disorders
22	922515105025	MALARVIZHI M	Importance of engineers
23	922515105026	MANJUTHAA N	Agricultural
24	922515105027	MANOBHARATHI S	Banking
25	922515105028	MOHANLAL M	Automobile
26	922515105029	POOVARASAN S	Educational
27	922515105030	PRAKASH G	Marketing
28	922515105031	PRAVEENKUMAR M	Health sectors

29	922515105032	PRAVEENKUMAR S	Organ Donation
30	922515105033	RAMYA J	Engineering skills and ethics in developing nations
31	922515105034	RUBA K	Relationship between technology and socioeconomic factor
32	922515105035	SABARINATHAN M	New model of learning and practice
33	922515105036	SANJAY S	Negative Effects of Cell Phones on Society
34	922515105037	SANTHOSH S	Political freedom
35	922515105038	SANTHOSHKUMAR K	Ethics in religion
36	922515105040	SIVAKUMAR M	Public safety plan
37	922515105041	SIVARANJANI S	Personal and appreciating other culture
38	922515105042	SIVASANKARAN K	Child labor
39	922515105043	SNEKA V	Impact of technology on society
40	922515105044	SOUNDARYA D	The media and its responsibilities
41	922515105045	SOWBARNICA A	Procrastination in college students
42	922515105046	SOWBARNIGA S	Motivation in public sector
43	922515105048	SUBIDSHA S	Comparison of ancient and modern government
44	922515105049	THAHIRA BANU M	Occupational stress
45	922515105050	TIRUAJAN C.S.	Situation ethics
46	922515105051	VAISHALI K	Hard determination and the religion approach
47	922515105052	VIGNESHWARAN B	Counselor or companion in human ethics
48	922515105053	YUVARAJ P	Ethical self assessment
49	922515105301	NITHIYA M	Human dignity
50	922515105302	SANTHOSH S	social responsibility