SDM College Engineering and Technology, Dhavalagir Dharwad				
Course : Electrical & Electronics Engineering				
Semester : 4th Semester Introductory Project -2021-22				
Sl. No.	**Student ID/USN**	**Name**	**Name of the faculty**	**Project title**
1	2SD21EE405	KARTHIK M.	Prof. Megha G. S	1.Literature Review On "Energy Conservation Opportunities" 2. Simulation On "Non-Inverting Amplifier" 3. Electrical Load Calculation, "Model report on Street Light Using LDR"
	2SD21EE407	MOHAMMED ARIF MULLA.		
	2SD21EE402	DARSHANKUMAR D DURGEKAR.		
	2SD21EE417	SHIVAKUMAR K.		
	2SD21EE408	RAKESH SOMASHEKHAR CHOLIN.		
	2SD21EE403	KALLANAGOUDA C PAT.		
	2SD21EE404	KANTESH YALLAPPA KAMATAR.		
	2SD21EE406	MANJUKUMAR R KARJINNI.		
2	2SD21EE416	ANUP ASHWATH SARWADE.	Prof.Sunil Joshi	Introductory Project Entitled "Measuring of Temperature Using ADC Interface and Temperature Sensor"
	2SD21EE415	VISHWANATH M HARUGOPPA.		Introductory Project Entitled "Measuring of Temperature Using ADC Interface and Temperature Sensor"
	2SD21EE413	VIJAY MAHADEV PATIL.		Introductory Project Entitled "Measuring of Temperature Using ADC Interface and Temperature Sensor"
	2SD21EE414	VISHAL A SOPPANNAVAR.		Introductory Project Entitled "Measuring of Temperature Using ADC Interface and Temperature Sensor"
	2SD21EE410	SINCHANA M .		Introductory Project Entitled
	2SD21EE412	SWAROOP M.		"LCD Scrolling Display Using Arduino (atmega328)"
	2SD21EE411	SNEHA V LAKKUNDI.		Introductory Project Entitled
	2SD21EE401	BASAVARAJ V LAKKUNDI.		"LCD Scrolling Display Using Arduino(atmega328)"
3	2SD21EE400	ANIUDHA .	Prof. Megha G. S	1.Literature Review On "Energy Conservation Opportunities" 2. Simulation On "Relaxation Oscillator" 3. Electrical Load Calculation
	2SD21EE409	SHIVARAM U.		1.Literature Review On "Electric Vehicles" 2. Simulation On "Triangular Wave Generator" 3. Electrical Load Calculation
	2SD20EE002	ABHISHEK B PATIL.		1.Literature Review On

				"Analysis of Electric Vehicles" 2.Electrical Load Calculation 3.Simulation On "Sample and Hold Circuit"
	2SD20EE003	ABHISHEK HUBLIKAR.		IOT based smart Agriculture Electrical Load Calculation
	2SD20EE004	ABHISHEK J RATHOD.		Simulation on rectifier using Op AMP Energy efficiency house old appliances Electrical Load Calculation
	2SD20EE005	AISHWARYA M KUDTARKAR.		Square wave generator IOT based reduction of Electricity theft
	2SD20EE006	AKSHAY RATHOD.		Simulation on astable multivibrator
	2SD20EE007	AMOGH M VASTRAD.		Simulation on adder
4	2SD20EE008	BINDU B KATAGI.	Prof. Prakash Gani	1.Literature Review On "Nanoelectronics" 2. Simulation On "CMOS Inverter" 3. Electrical Load Calculation
	2SD20EE009	DEEPTI HORAKERI.		1. Literature Review On "Electric Motors and Its Design" 2. Simulation On "Digital to Analog Converter" 3. Electrical Load Calculation
	2SD20EE010	GONAPATI SAI SINDHUJA.		1.Literature Review On "Artificial Intelligence"
	2SD20EE014	KAVYA NINGAPPA KOUJALAGI.		2. Simulation On "Automatic ON and OFF of an LED"
	2SD20EE015	KAVYA S SUNKAD.		3. Electrical Load Calculation
	2SD20EE016	KOUSALYA ANANT BASARIKODI.		1.Literature Review On "Artificial Intelligence"
	2SD20EE017	KRUTIKA K PATIL.		2. Simulation On "Automatic ON and OFF of an LED"
	2SD20EE018	MANISH KHATOKAR H.		3. Electrical Load Calculation
5	2SD20EE019	MANOJ KANIKER.	Prof. T. M. Timsani	1.Literature Review On "Automatic Solar Tracker" 2. Simulation On "Astable Multivibrator Using Op-Amp74" 3. Electrical Load Calculation
	2SD20EE020	NAKUL RAJU NAIK.		1.Literature Review On "Types Of Solar Tracker" 2. Simulation On "Full wave

				Rectifier Using Op-Amp” 3. Electrical Load Calculation
	2SD20EE021	NANDAN N R .		1.Literature Review On “Microcontroller Based Solar Tracking System” 2. Simulation On “Wide Band Pass Filter Using Op-Amp” 3. Electrical Load Calculation
	2SD20EE022	NEEHARIKA PRAMOD NAIK.NAIK		1.Literature Review On “Automatic Solar Tracker” 2. Simulation On “Astable Multivibrator Using Op-Amp74” 3. Electrical Load Calculation
	2SD20EE024	PRABHU PRATIMA RAMACHANDRA.		1.Literature Review On “Dual Axis of Solar Tracking Without Microcontroller” 2. Simulation On “Differentiator Using Op-Amp” 3. Electrical Load Calculation
	2SD20EE025	PRABHUGOUDA M BANNETTI.		1.Literature Review On “Arduino Based Solar Tracking System” 2. Simulation On “Non-Inverting Amplifier” 3. Electrical Load Calculation
	2SD20EE026	PRASANNA U ALUR.		1.Literature Review On “Solar Tracker” 2. Simulation On “Schmitt Trigger” 3. Electrical Load Calculation
	2SD20EE027	PREETI H KOLUR.		1.Literature Review On “Solar Tracking System” 2. Simulation On “” 3. Electrical Load Calculation
6	2SD20EE028	PUNEET M LALASANGI.	Dr. B. S. Shalavadi	1.Literature Review On “Home Automation System” 2. Simulation On “Non-Inverting Amplifier” 3. Electrical Load Calculation
	2SD20EE029	RAJEEV GOPALAKRISHNA KARUMANE.		1.Literature Review On “Electrical Vehicle Interactions with Power Distribution Systems” 2. Simulation On “Full wave Rectifier Using Op-Amp”

				3. Electrical Load Calculation
	2SD20EE030	RAKSHITA BHEEMAPPA HALEMANI.		1.Literature Review On "Nanotechnology" 2. Simulation On "Integrator Using Op-Amp" 3. Electrical Load Calculation
	2SD20EE031	ROHIT R MORE.		1.Literature Review On "Wireless Power Transmission System" 2. Simulation On "Colpitts Oscillator Using Op-Amp" 3. Electrical Load Calculation
	2SD20EE032	ROHITGOUDA TEGGINAMANI.		1.Literature Review On "" 2. Simulation On "" 3. Electrical Load Calculation
	2SD20EE033	SACHIN S DEMANNAVAR.		1.Literature Review On "Evolution of Fast Chargers" 2. Simulation On "" 3. Electrical Load Calculation
	2SD20EE034	SAIFALI S NAGANUR.		1.Literature Review On "Electrical Vehicle" 2. Simulation On "" 3. Electrical Load Calculation
	2SD20EE035	SANJANA CHANNABASAYYA TIGADIMA.		1.Literature Review On "Progress in the development of lead acid batteries and battery management of lithium-ion battery for hybrid electric vehicles" 2. Simulation On "Inverting Amplifier" 3. Electrical Load Calculation
7	2SD20EE036	SANKET RAYAR.	Prof. Prakash Gani	Introductory Project Entitled
	2SD20EE037	SATWIK RAJU NAIK.		"Home Automation Using NODEMCU (ESP8266) Board"
	2SD20EE038	SAVITA V MURALE .		Introductory Project Entitled
	2SD20EE039	SHASHANK SATISHKUMAR JOSHI.		"Home Automation Using NODEMCU (ESP8266) Board"
	2SD20EE040	SHASHIDHAR S ANGADI.		Introductory Project Entitled
	2SD20EE041	SHEETAL R DIVAKAR.		"Home Automation Using NODEMCU (ESP8266) Board"
	2SD20EE042	SHIVALINGESH S HAVALAD.		Introductory Project Entitled
	2SD20EE043	SHWETHA S AKKI.		"Home Automation Using NODEMCU (ESP8266)

				Board”
8	2SD20EE044	SIDDHARTH YALLAPPA IRANATTI.	Prof. S. P. Amminabhavi	Introductory Project Entitled
	2SD20EE045	SUMA T .		“Fire Alarm System and Traffic Signal System”
	2SD20EE046	SUMA YALIGAR.		Introductory Project Entitled
	2SD20EE048	TUSHAR SARAF.		“Fire Alarm System and Traffic Signal System”
	2SD20EE050	VENKATESH S HAMPIHOLI.		Introductory Project Entitled
	2SD20EE051	VIJAY R MASTAMARADIMATH.		“Fire Alarm System and Traffic Signal System”
	2SD20EE052	VINAYAK A DESHAPANDE.DESHAPANDE		Introductory Project Entitled
	2SD20EE053	VINIT VASUDEV NAIK.		“Fire Alarm System and Traffic Signal System”
9	2SD20EE054	VAISHNAVI BHARAMAGOUDA MURALLI.	Prof. Nandakumara C	Literature Review On
	2SD20EE055	SANJANA PATANGE.		“Renewable Energy Systems for Generating Electric Power and Influence of Rotor Design in BLDC Motor for Two-Wheeler Electrical Vehicle”
	2SD20EE056	SAGAR ASHOK MANTUR.		“Renewable Energy Systems for Generating Electric Power and Influence of Rotor Design in BLDC Motor for Two-Wheeler Electrical Vehicle”
	2SD20EE057	VINAYAK MUTTAPPA NAGATHAN.		“Renewable Energy Systems for Generating Electric Power and Influence of Rotor Design in BLDC Motor for Two-Wheeler Electrical Vehicle”
	2SD20EE058	PURUSHOTTAM DESHAPANDE.		Literature Review On

SDM College of Engineering and Technology, Dharwad
Dept. of Electrical & Electronics Engineering
V Semester Minor Project-I Code -18UEEL507) 2021-22

Sl. No.	Batch No.	USN	NAME AS PER SSLC	Project Guide	Project Title
1	1	2SD18EE036	PARIKSHIT HANSI	Dr. R. L. Chakrasali	"Design of Micro Invertor"
2		2SD18EE011	ARPITHA SHETTY		
3		2SD18EE029	LATA HUCHCHANAGOURA		
4		2SD18EE031	NANDEESH H.		
5	2	2SD18EE032	NAVANEET SURYAVANSHI	Dr. R. L. Chakrasali	Mini Inverter (12V to 220V)
6		2SD18EE009	ANUSHREE PATIL		
7		2SD18EE045	RAHUL M.		
8		2SD18EE026	HEERA NAVALGUNDA		
9	3	2SD19EE001	ABHISHEK HADAPAD	Dr.S. G. Ankaliki	"Design and Implementation of Wireless Power Transmission"
10		2SD19EE002	ABHISHEK M NAVALE		
11		2SD19EE004	AKASH G MARALIHALLI		
12		2SD19EE005	AKHILESH N SANNULI		
13	4	2SD18EE059	SRINIVAS PRASAD	Prof. S. P. Amminabhavi	ElectricVehicle Simulation
14		2SD19EE003	AISHWARYA N BHANDAGE		
15		2SD19EE007	ANUSHREE J KULKARNI		
16		2SD19EE008	ARUN KUMAR		
17	5	2SD19EE009	ASHPAK JAMADAR	Prof. Sunil Joshi	"Foot Step Power Generation Using Piezoelectric Sensor"
18		2SD19EE012	CHETAN SANKRATTI		
19		2SD19EE015	GAJANAN BALAJI MOGALE		
20		2SD19EE017	MADHUSUDHAN S K		
21	6	2SD19EE010	ASHWINI NAYAK	Prof. Sunil Joshi	Soft Turn On and Off of the Load
22		2SD19EE011	CHAITRA MOHAN PRASAD		
23		2SD19EE013	CHETHANA M		
24		2SD19EE014	DARSHAN V INDUR		
25	7	2SD19EE019	MEENA T	Prof. V.R. Sheelavant	"Smart car door locking/unlocking system via smart device in electric vehicle"
26		2SD19EE025	POOJA KALAL		
27		2SD19EE022	PANKAJ P NAIK		
28		2SD19EE026	PRAJWAL B KURAHATTI		
29	8	2SD19EE020	NADEEM	Prof. V.R. Sheelavant	Accident - Avoidance System
30		2SD19EE021	NITISH R NESARAGI		
31		2SD19EE023	PAVAN JARTARGHAR		
32		2SD19EE024	PAVANAKUMAR TALAWAR		
33	9	2SD19EE028	PRATEEKSHA VASANT PAI	Dr. B. S. Shalavadi	Solar Power Agri Robot"
34		2SD19EE031	PRAVEEN KUMAR		

35		2SD19EE034	RAJESH C HIREMATH		
36		2SD19EE035	RAKSHITA NAGANUR		
37	**10**	2SD19EE029	PRATIKSHA R KURODI	Dr. B. S. Shalavadi	"Fake Product Review Monitoring System
38		2SD19EE030	PRATIKSHA R NARASINGANAVAR		
39		2SD19EE032	PRIYANKA BHAJANTRI		
40		2SD19EE033	RACHANA		
41	**11**	2SD19EE038	SAHANA RAJENDRA HOOLI	Prof. Nandakumara C	Soil Moisture Based Irrigation Using IOT
42		2SD19EE039	SAI TEJA P		
43		2SD19EE040	SARVAMANGALA S		
44		2SD19EE041	SHARAT VENKATAPUR		
45	**12**	2SD19EE037	RUSHAB R HAJARE	Prof. Nandakumara C	"Density Based Traffic Light Controller"
46		2SD19EE042	SHRAVANI HANUMANTH SINDUOR		
47		2SD19EE043	SHREYA NAGAPATI HEGDE		
48		2SD19EE044	SHRINIDHI S SURGOND		
49	**13**	2SD19EE047	SNEHA KRISHNA BHAT	Prof. S. G. Nayak	"IOT Based Control of DC Motor"
50		2SD19EE049	SPOORTI OPPARI		
51		2SD19EE052	SUJIT KUMAR		
52		2SD19EE054	SUMANTH K GOURKAR		
53	**14**	2SD19EE046	SINCHANA P	Prof. S. G. Nayak	Air Pollution Monitoring System
54		2SD19EE050	SRINIVASA B S		
55		2SD19EE051	SRUSHTI MOHANDAS TALEKAR		
56		2SD19EE053	SUMA SADASHIVA BHAT		
57	**15**	2SD19EE055	SUMATI GOUDAR	Prof. M. S. Sureban	Boost Convererters in Electric Vahicle
58		2SD19EE056	SURAJ ANGADI		
59		2SD19EE057	TARIKERI ADHARSH MAHESH		
60		2SD19EE058	THOTESHWAR		
61	**16**	2SD19EE059	V BHOOMIKA	Prof. S. S. Desai.	"Simple Mimicking Robot ARM Using Arduino"
62		2SD19EE060	VIJETH M DURGEKAR		
63		2SD20EE402	RAMESH ARER		
64		2SD20EE404	SUHAIB M MUDENUR		
65	**17**	2SD20EE405	SUSHMA V RANGAWALE	Prof. T. M. Timsani	Mini Inverter 12V to 220V
66		2SD20EE400	D PAVITHRA		
67		2SD20EE401	KOMALBAI RATNANNAVAR		
68		2SD20EE403	SHRINIVAS MALALI		
69	**18**	2SD19EE016	LAKSHMISH S	Prof. Pradeep S. Vibhuti	"Battery Charger Using Microcontroller For EV Applications"
70		2SD19EE036	ROHITKUMAR CHAKRABORTY		
71		2SD19EE048	VISHWANATH N. H		
72		2SD19EE062	SOHAN KUMAR D		
73	**19**	2SD19EE018	MANIKANTHA M NAIK	Prof. S. S. Desai	GSM Sensor Based Accident Information System Using GPS Technology
74		2SD19EE061	VINAY KUMAR G M		
75		2SD19EE063	VIVEK A		
76		2SD19EE027	PRAJWAL P GULEDAGUDDA		
77		2SD19EE006	AMIT		

SDM College of Engineering and Technology, Dharwad
Dept. of Electrical & Electronics Engineering
VI Semester Minor Project-I Code -18UEEL607) 2021-22

Sl. No.	Batch No.	USN	NAME AS PER SSLC	Project Guide	Project Title
1	1	2SD18EE036	PARIKSHIT HANSI	Dr. R. L. Chakrasali	"Design of Micro Invertor"
2		2SD18EE011	ARPITHA SHETTY		
3		2SD18EE029	LATA HUCHCHANAGOURA		
4		2SD18EE031	NANDEESH H.		
5	2	2SD18EE032	NAVANEET SURYAVANSHI	Dr. R. L. Chakrasali	Mini Inverter (12V to 220V)
6		2SD18EE009	ANUSHREE PATIL		
7		2SD18EE045	RAHUL M.		
8		2SD18EE026	HEERA NAVALGUNDA		
9	3	2SD19EE001	ABHISHEK HADAPAD	Dr.S. G. Ankaliki	"Design and Implementation of Wireless Power Transmission"
10		2SD19EE002	ABHISHEK M NAVALE		
11		2SD19EE004	AKASH G MARALIHALLI		
12		2SD19EE005	AKHILESH N SANNULI		
13	4	2SD18EE059	SRINIVAS PRASAD	Prof. S. P. Amminabhavi	ElectricVehicle Simulation
14		2SD19EE003	AISHWARYA N BHANDAGE		
15		2SD19EE007	ANUSHREE J KULKARNI		
16		2SD19EE008	ARUN KUMAR		
17	5	2SD19EE009	ASHPAK JAMADAR	Prof. Sunil Joshi	"Foot Step Power Generation Using Piezoelectric Sensor"
18		2SD19EE012	CHETAN SANKRATTI		
19		2SD19EE015	GAJANAN BALAJI MOGALE		
20		2SD19EE017	MADHUSUDHAN S K		
21	6	2SD19EE010	ASHWINI NAYAK	Prof. Sunil Joshi	Soft Turn On and Off of the Load
22		2SD19EE011	CHAITRA MOHAN PRASAD		
23		2SD19EE013	CHETHANA M		
24		2SD19EE014	DARSHAN V INDUR		
25	7	2SD19EE019	MEENA T	Prof. V.R. Sheelavant	"Smart car door locking/unlocking system via smart device in electric vehicle"
26		2SD19EE025	POOJA KALAL		
27		2SD19EE022	PANKAJ P NAIK		
28		2SD19EE026	PRAJWAL B KURAHATTI		
29	8	2SD19EE020	NADEEM	Prof. V.R. Sheelavant	Accident - Avoidance System
30		2SD19EE021	NITISH R NESARAGI		
31		2SD19EE023	PAVAN JARTARGHAR		
32		2SD19EE024	PAVANAKUMAR TALAWAR		
33	9	2SD19EE028	PRATEEKSHA VASANT PAI	Dr. B. S. Shalavadi	Solar Power Agri Robot"
34		2SD19EE031	PRAVEEN KUMAR		
35		2SD19EE034	RAJESH C HIREMATH		
36		2SD19EE035	RAKSHITA NAGANUR		
37	10	2SD19EE029	PRATIKSHA R KURODI	Dr. B. S. Shalavadi	"Fake Product

38		2SD19EE030	PRATIKSHA R NARASINGANAVAR		Review Monitoring System
39		2SD19EE032	PRIYANKA BHAJANTRI		
40		2SD19EE033	RACHANA		
41	**11**	2SD19EE038	SAHANA RAJENDRA HOOLI	Prof. Nandakumara C	Soil Moisture Based Irrigation Using IOT
42		2SD19EE039	SAI TEJA P		
43		2SD19EE040	SARVAMANGALA S		
44		2SD19EE041	SHARAT VENKATAPUR		
45	**12**	2SD19EE037	RUSHAB R HAJARE	Prof. Nandakumara C	"Density Based Traffic Light Controller"
46		2SD19EE042	SHRAVANI HANUMANTH SINDUOR		
47		2SD19EE043	SHREYA NAGAPATI HEGDE		
48		2SD19EE044	SHRINIDHI S SURGOND		
49	**13**	2SD19EE047	SNEHA KRISHNA BHAT	Prof. S. G. Nayak	"IOT Based Control of DC Motor"
50		2SD19EE049	SPOORTI OPPARI		
51		2SD19EE052	SUJIT KUMAR		
52		2SD19EE054	SUMANTH K GOURKAR		
53	**14**	2SD19EE046	SINCHANA P	Prof. S. G. Nayak	Air Pollution Monitoring System
54		2SD19EE050	SRINIVASA B S		
55		2SD19EE051	SRUSHTI MOHANDAS TALEKAR		
56		2SD19EE053	SUMA SADASHIVA BHAT		
57	**15**	2SD19EE055	SUMATI GOUDAR	Prof. M. S. Sureban	Boost Convererters in Electric Vahicle
58		2SD19EE056	SURAJ ANGADI		
59		2SD19EE057	TARIKERI ADHARSH MAHESH		
60		2SD19EE058	THOTESHWAR		
61	**16**	2SD19EE059	V BHOOMIKA	Prof. S. S. Desai.	"Simple Mimicking Robot ARM Using Arduino"
62		2SD19EE060	VIJETH M DURGEKAR		
63		2SD20EE402	RAMESH ARER		
64		2SD20EE404	SUHAIB M MUDENUR		
65	**17**	2SD20EE405	SUSHMA V RANGAWALE	Prof. T. M. Timsani	Mini Inverter 12V to 220V
66		2SD20EE400	D PAVITHRA		
67		2SD20EE401	KOMALBAI RATNANNAVAR		
68		2SD20EE403	SHRINIVAS MALALI		
69	**18**	2SD19EE016	LAKSHMISH S	Prof. Pradeep S. Vibhuti	"Battery Charger Using Microcontroller For EV Applications"
70		2SD19EE036	ROHITKUMAR CHAKRABORTY		
71		2SD19EE048	VISHWANATH N. H		
72		2SD19EE062	SOHAN KUMAR D		
73	**19**	2SD19EE018	MANIKANTHA M NAIK	Prof. S. S. Desai	GSM Sensor Based Accident Information System Using GPS Technology
74		2SD19EE061	VINAY KUMAR G M		
75		2SD19EE063	VIVEK A		
76		2SD19EE027	PRAJWAL P GULEDAGUDDA		

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 14:03+05:30

SDM College of Engineering and Technology, Dharwad
Dept. of Electrical & Electronics Engineering

VII Semester Major Project - Phase-I - 2021-22

SL NO	USN	NAME	Name of the Guide	Project Title
1	2SD16EE020	MOHAMMED RIZWAN A SHAIKH	Prof. S. S. Desai	"Smart Helmet For Motorcyclist"
	2SD16EE048	SUSHMITA HIREMATH		
	2SD16EE049	SWAROOP SAMANTH		
	2SD16EE055	ZEESHAN		
2	2SD16EE060	SUSHMITA VIJAYKUMAR LAKKUNDI	Prof. S. G. Nayak	"Women's Safety Device Using IOT"
	2SD17EE001	ABHILASH K M		
	2SD17EE012	NACHIKET KADADI		
	2SD17EE014	KARTIKEYA VASTRAD		
3	2SD17EE015	M RAMYA SHREE	Dr. S. G. Ankaliki	"Biometric Voting System"
	2SD17EE019	MANJUNATHA DESAI		
	2SD17EE033	RAHUL TIMMAPUR		
	2SD17EE042	SHIVAPRAKASH PATIL		
4	2SD17EE044	SOMANATH TADAVALAGA	Prof. M. S. Sureban	"Fault Analysis and Protection Scheme for DC Microgrid"
	2SD18EE001	ABHILASHA B CHINAGI		
	2SD18EE002	ABHISHEK L BAILAGANAD		
	2SD18EE003	ADITYA U UPADHYAY		
5	2SD18EE004	AKASH C MATHAPATI	Dr. R. L. Chakrasali	"Air quality analysis using IOT"
	2SD18EE005	AKASH KONNUR		
	2SD18EE006	AKASH SHANKAR RATHOD		
	2SD18EE007	AKHILA R BALIGAR		
6	2SD18EE008	AKSHATA S JOSHI	Dr. S. G. Ankaliki	"Speed Control of Single Phase AC Motor for Two and Three Wheeler Electric Vehicles"
	2SD18EE010	APOORVA AJJAPPA YAMANUR		
	2SD18EE012	BEENA K JADHAV		
	2SD18EE013	BHAGYASHREE BIRADAR		
7	2SD18EE014	BHAVANI M KALAKERI	Prof. Sunil Joshi	Non-Invasive Blood Glucose Level Monitoring System
	2SD18EE015	CHAITRA G YARAGUPPI		
	2SD18EE016	CHITHKALA		
	2SD18EE017	DANISH KANAVI		
8	2SD18EE018	DEEPA K JAKKALI	Prof. V. R. Sheelavant	"Modelling and Simulation of Brushless DC Motor"
	2SD18EE021	FIRDOUSJAHAN TAHSILDAR		
	2SD18EE022	FURQAN ATTAR		
	2SD18EE023	GEETA HALLALLI		
9	2SD18EE024	GIRISH SHIVANAND CHABBI	Dr. B. S. Shalavadi	"GPS+GSM Based College bus Tracking System using Arduino"
	2SD18EE025	GURURAJ S SAVALGI		
	2SD18EE027	KRISHNA SANTOSH REDDY		
	2SD18EE028	KUMARSWAMI BHOOSANURMATH		
10	2SD18EE030	MOHIT SOLANKI	Prof. Nandakumara C	"KarnatakaState Energy Display Unit Using Phthom"
	2SD18EE034	NAYANA S HALLER		
	2SD18EE035	NIHAL MOHAMMADI S		
11	2SD18EE038	PAVAN NAIK P	Prof. S. G. Nayak	"Distance Relay for

	2SD18EE039	PRAGATI P SALI		Short Transmission Line"
	2SD18EE040	PRANAV PAI		
	2SD18EE041	PRATIKSHA PRADEEP NAVALGUND		
12	2SD18EE043	PRIYANKA PATIL	Prof. M. S. Sureban	Detection of Transmission Line Faults using Artificial Inttelligent Techniques
	2SD18EE046	RAJU V DESAI		
	2SD18EE047	RAVI BALIGAR		
	2SD18EE048	RITESH P HANGARGI		
13	2SD18EE049	RUBEENA THAISILDAR	Prof. T. M. Timsani	"Study of IOTand its Application for Health Monitoring Using Wearable Technology"
	2SD18EE050	SADANAND C SINDAGIMATH		
	2SD18EE052	SAMARTH DESAI		
14	2SD18EE053	SANDEEP S MUTALIKDESAI	Prof. T. M. Timsani	"IOT based solution for Home Automation Using Wearable Technology"
	2SD18EE054	SANDESH C KULKARNI		
	2SD18EE056	SIMRAN MUJAWAR		
	2SD18EE057	SOUBHAGYALAXMI SURYAVANSHI		
15	2SD18EE058	SOUMYA M KAVALUR	Prof. P. S. Vibhuti	"MPPT Solar Charge Controller"
	2SD18EE061	VADIGERI SEEMA		
	2SD18EE062	VAISHNAVI R HOSALLI		
16	2SD18EE063	VENKATESH VASANAD	Prof. P. S. Vibhuti	Battery and Motor charge controller for EV
	2SD18EE064	SHARANU N DIBBADAMANI		
	2SD18EE065	PRAMOD V DIBBADAMANI		
	2SD18EE066	VITHAL MADAR		
17	2SD18EE067	APOORVA	Prof. S.P. Amminabhavi	Simulation and Analysis of Simulatneous Electrical Faults in Power Systems
	2SD18EE410	RENUKA MUGALI		
	2SD18EE411	SANDEEP		
	2SD19EE400	ABHISHEK B KURLI		
18	2SD19EE401	DEEPA	Prof. S.P. Amminabhavi	SMART Blind Stick
	2SD19EE402	GHANASHYAM MANI MUDALIAR		
	2SD19EE403	KARTIK P KOTAGI		
	2SD19EE405	RAHUL RATHOD		
19	2SD18EE033	NAYANA M CHATAKONDI	Prof. V. R. Sheelavant	Noise Cancellation in Vehicles
	2SD18EE051	SAKSHI HEGDE		
	2SD18EE060	SUSHMA		

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SDM College of Engineering and Technology, Dharwad
Dept. of Electrical & Electronics Engineering

VI1I Semester Major Project - Phase-II - 2021-22

SL NO	USN	NAME	Name of the Guide	Project Title
1	2SD16EE020	MOHAMMED RIZWAN A SHAIKH	Dr. S. G. Ankaliki	Smart Helmet for Motor Cyclist
	2SD16EE048	SUSHMITA HIREMATH		
	2SD16EE049	SWAROOP SAMANTH		
	2SD16EE055	ZEESHAN		
2	2SD16EE060	SUSHMITA VIJAYKUMAR LAKKUNDI	Prof. S. G. Nayak	Implementation of Power Conditioning circuit in solar operated conoweeder for agricultural application
	2SD17EE001	ABHILASH K M		
	2SD17EE012	NACHIKET KADADI		
	2SD17EE014	KARTIKEYA VASTRAD		
3	2SD17EE015	M RAMYA SHREE	Dr. S. G. Ankaliki	Biometric Voting System
	2SD17EE019	MANJUNATHA DESAI		
	2SD17EE033	RAHUL TIMMAPUR		
	2SD17EE042	SHIVAPRAKASH PATIL		
4	2SD17EE044	SOMANATH TADAVALAGA	Prof. M. S. Sureban	Fault analysis and Simulation of DC Microgrid
	2SD18EE001	ABHILASHA B CHINAGI		
	2SD18EE002	ABHISHEK L BAILAGANAD		
	2SD18EE003	ADITYA U UPADHYAY		
5	2SD18EE004	AKASH C MATHAPATI	Dr. R. L. Chakrasali	Ari quality analysis using IOT
	2SD18EE005	AKASH KONNUR		
	2SD18EE006	AKASH SHANKAR RATHOD		
	2SD18EE007	AKHILA R BALIGAR		
6	2SD18EE008	AKSHATA S JOSHI	Dr. S. G. Ankaliki	Speed control of Single phase AC Motor for home appliances.
	2SD18EE010	APOORVA AJJAPPA YAMANUR		
	2SD18EE012	BEENA K JADHAV		
	2SD18EE013	BHAGYASHREE BIRADAR		
7	2SD18EE014	BHAVANI M KALAKERI	Prof. Sunil Joshi	Non Invasive Blood Glucose level monitoring system
	2SD18EE015	CHAITRA G YARAGUPPI		
	2SD18EE016	CHITHKALA		
	2SD18EE017	DANISH KANAVI		
8	2SD18EE018	DEEPA K JAKKALI	Prof. V. R. Sheelavant	Modelling and simulation brushless DC motors
	2SD18EE021	FIRDOUSJAHAN TAHSILDAR		
	2SD18EE022	FURQAN ATTAR		
	2SD18EE023	GEETA HALLALLI		
9	2SD18EE024	GIRISH SHIVANAND CHABBI	Dr. B. S. Shalavadi	Solar powered agri robot
	2SD18EE025	GURURAJ S SAVALGI		
	2SD18EE027	KRISHNA SANTOSH REDDY		
	2SD18EE028	KUMARSWAMI BHOOSANURMATH		
10	2SD18EE030	MOHIT SOLANKI	Prof. Nandakumara C	Karnataka state energy display unit
	2SD18EE034	NAYANA S HALLER		

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	2SD18EE035	NIHAL MOHAMMADI S		
11	2SD18EE038	PAVAN NAIK P	Prof. S. G. Nayak	Aerial Surveillance using image processing
	2SD18EE039	PRAGATI P SALI		
	2SD18EE040	PRANAV PAI		
	2SD18EE041	PRATIKSHA PRADEEP NAVALGUND		
12	2SD18EE043	PRIYANKA PATIL	Prof. M. S. Sureban	Detection of transmission line faults using artificial Intelligent techniques
	2SD18EE046	RAJU V DESAI		
	2SD18EE047	RAVI BALIGAR		
	2SD18EE048	RITESH P HANGARGI		
13	2SD18EE049	RUBEENA THAISILDAR	Prof. T. M. Timsani	IOT an its application for health monitoring using wearable technology
	2SD18EE050	SADANAND C SINDAGIMATH		
	2SD18EE052	SAMARTH DESAI		
14	2SD18EE053	SANDEEP S MUTALIKDESAI	Prof. T. M. Timsani	IOT based solution for home automation using wearable technology
	2SD18EE054	SANDESH C KULKARNI		
	2SD18EE056	SIMRAN MUJAWAR		
	2SD18EE057	SOUBHAGYALAXMI SURYAVANSHI		
15	2SD18EE058	SOUMYA M KAVALUR	Prof. P. S. Vibhuti	MPIT solar charge controller
	2SD18EE061	VADIGERI SEEMA		
	2SD18EE062	VAISHNAVI R HOSALLI		
16	2SD18EE063	VENKATESH VASANAD	Prof. P. S. Vibhuti	Three phase inverter design for EV
	2SD18EE064	SHARANU N DIBBADAMANI		
	2SD18EE065	PRAMOD V DIBBADAMANI		
	2SD18EE066	VITHAL MADAR		
17	2SD18EE067	APOORVA	Prof. S.P. Amminabhavi	Simulation and analysis of simultaneous electrical faults in power system
	2SD18EE410	RENUKA MUGALI		
	2SD18EE411	SANDEEP		
	2SD19EE400	ABHISHEK B KURLI		
18	2SD19EE401	DEEPA	Prof. S.P. Amminabhavi	Smart blind stick
	2SD19EE402	GHANASHYAM MANI MUDALIAR		
	2SD19EE403	KARTIK P KOTAGI		
	2SD19EE405	RAHUL RATHOD		
19	2SD18EE033	NAYANA M CHATAKONDI	Prof. V. R. Sheelavant	(Industrial Project) Noise reduction in vehicles
	2SD18EE051	SAKSHI HEGDE		
	2SD18EE060	SUSHMA		

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SDM College of Engineering and Technology, Dharwad

Department of Electrical and Electronics Engineering

M. Tech (Power System Engineering) 2021-22 Batch

List of Project Work Carried – IV SEM

S.N.	USN	Name of the Students	Project Title	Guide
1	2SD20EPS01	AYESHA IFRA BEPARI	DYNAMIC AND TRANSIENT STATE ANALYSIS OF ISLANDED MICROGRID	Dr. R. L Chakrasali
2	2SD20EPS03	GOUDA SAICHANDRA KUMAR	MODELING AND SIMULATION OF MHO TYPE DISTANCE RELAY FOR HIGH VOLTAGE TRANSMISSION LINE PROTECTION	Prof. V. R. Sheelavant
3	2SD20EPS04	JAYSHREE PATIL	ACTIVE POWER FLOW CONTROL USING PHASE SHIFTING TRANSFROMER AND UPFC IN AC TRANSMISSION LINE	Prof. Manjula Sureban
4	2SD20EPS05	MALATESH A DODMANI	IMPLEMENTATION OF USER FRIENDLY ELECTROMECHANICAL CONOWEEDER FOR AGRICULTGURE APPLICATION	Prof. S. G. Nayak
5	2SD20EPS06	PRIYANKA B KURAGUND	IMPTOVEMENT OF POWER QUALITY USING FUZZY BASED UNIFIED POWER FOLW CONTROLLER	Dr. S. G. Ankaliki
6	2SD19EPS07	SANAPARVEEN A D	CONGESTION MANAGEMENT BY PHASE SHIFTING TRANSFORMER USING FUZZY LOGIC CONTROL	Dr. B. S. Shalavadi
7	2SD19EPS08	SULIBHAVI VISHWANATH A	MITIGATION OF POWER QUALITY ISSUES IN GRID CONNECTED PV SYSTEM	Dr. S. G. Ankaliki
8	2SD19EPS09	VINODA PATIL	MITIGATION OF POWER SYSTEM TRANSIENT IN A MULTI MACHINE SYSTEM USING UPFC	Prof. Nandakumara C
9	2SD19EPS10	VISHWANATH C	DESIN AND ANALYSIS OF PMDC MOTOR FOR ELECTRIC VEHICLE	Prof. S.P.Amminabhavi
10	2SD19EPS11	SHAFIYA BEGUM	PHYSICAL MODELING OF BATTERY & ELECTRIC VEHICLE	Prof. Pradeep Vibhuti

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Sample Certificates:

S. D. M. College of Engineering & Technology

Dharwad – 580 002

Department of Electrical and Electronics Engineering

CERTIFICATE

Certified that the project work entitled **"Smart car door locking/unlocking system via smar device in electric vehicle"** is an original work carried out by Meena T, Pankaj P Naik, Pooja Kalal, Prajwal B Kurahatti in partial fulfilment for the award of degree in Bachelor of Engineering in ELECTRICAL AND ELECTRONICS ENGINEERING of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the award of Bachelor of Engineering Degree.

5/2/22

Signature of the guide

S. Pulakki 11/2/2022

Signature of the HOD

SL NO.	NAME OF THE STUDENTS	USN
1	Meena T	2SD19EE019
2	Pankaj P Naik	2SD19EE022
3	Pooja Kalal	2SD19EE025
4	Prajwal B Kurahatti	2SD19EE026

S. D. M. College of Engineering & Technology

Dharwad – 580 002

Department of Electrical and Electronics Engineering

CERTIFICATE

Certified that the project work entitled **ACCIDENT-AVOIDANCE SYSTEM** is an original work carried out by Nadeem, Nitish Nesaragi, Pavan Kumar Talwar, Pavan J in partial fulfillment for the award of degree in Bachelor of Engineering in ELECTRICAL AND ELECTRONICS ENGINEERING of S.D.M. College of Engineering & Technology under the Vishveshwaraya Technological University, Belagavi during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the award of Bachelor of Engineering Degree.

Signature of the guide **Signature of the HOD** **Signature of Principal**

SL NO.	NAME OF THE STUDENTS	USN
1	NADEEM	2SD19EE020
2	NITISH NESARAGI	2SD19EE021
3	PAVANKUMAR TALAWAR	2SD19EE024
4	PAVAN JARTARGHAR	2SD19EE023

NAME AND SIGNATURE OF THE EXAMINERS:

NAME	SIGNATURE WITH DATE
V R Sheelavant	

Department of Electrical and Electronics

S. D. M. College of Engineering & Technology

Dharwad – 580002

Certificate

Certified that the project work entitled **Noise reduction in vehicles** is an original work carried out by **Nayana M Chatakondi (2SD18EE033), Sakshi Hegde (2SD18EE051), Sushma Biradar (2SD18EE060)** in partial fulfillment for the award of degree of Bachelor of Engineering in **Electrical and Electronics Engineering** of **S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi** during the year 2020 – 21. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.

Signature of the Guide 6/7/22 **Signature of the HOD** **Signature of the Principal**

Name of the students: 1. NAYANA M CHATAKONDI (2SD18EE033)

2. SAKSHI HEGDE (2SD18EE051)

3. SUSHMA BIRADAR (2SD18EE060)

Name and signature of the examiners:

Sl no.	Name	Signature with date
1.	A K Shivalkar	6.7.22
2.	S. G. Ankalki	6/7/22
3.		
4.		

DHARWAD-580002

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.

CERTIFICATE

Certified that the project work entitled: **"Smart Helmet for Motorcyclist"** is an original work carried out by **Mohammed Rizwan A Shaikh(2SD16EE020), Sushimita Hiremath (2SD16EE048), Swaroop Samanth(2SD16EE049)** in partial fulfillment for the award of degree of Bachelor of Engineering in **'Department of E&E'** of S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021 – 22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.

Signature of the Guide	Signature of the HOD	Signature of the Principal
5/7/22	5/7/22	

Name of the students with University	Seat Number:
1. Mohammed Rizwan Shaikh	2SD16EE020
2. Sushimita Hiremath	2SD16EE048
3. Swaroop Samanth	2SD16EE049

Name and signature of the examiners:

Sl. No.	Name	Signature with date
1	A K Shivakumar	6/7/22
2	S. G. Ankalki.	6/7/22
3		

VIA-06/22

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD-580002

(An autonomous Institution affiliated to Visvesvaraya Technological University, Belgaum – 590018)

Department of Electrical and Electronics Engineering

A Final synopsis on the Minor-Project-2 entitled

"SMART SHOPPING CART"

Carried out by

ASHWINI NAYAK	-	**2SD19EE010**
CHAITRA PRASAD	-	**2SD19EE011**
CHETHANA M	-	**2SD19EE013**
DARSHAN INDUR	-	**2SD19EE014**

Students of 6th semester

Under the guidance of

Prof. Sunil.Joshi

Department of EEE, SDMCET, Dharwad

2021-2022

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi - 590018

A PROJECT REPORT

ON

"MODELING AND SIMULATION OF MHO TYPE DISTANCE RELAY FOR HIGH VOLTAGE TRANSMISSION LINE PROTECTION"

MASTER OF
TECHNOLOGY IN
POWER SYSTEM ENGINEERING

Submitted by
GOWDA SAICHANDRA KUMAR
(2SD20EPS03)

Under the guidance of
Prof. V. R. SHEELAVANT

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,
DHARWAD -580002
(An Autonomous Institution affiliated to VTU, Belagavi.)

2021-22

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590018

PROJECT REPORT
ON

"DYNAMIC AND TRANSIENT STATE ANALYSIS OF ISLANDED MICROGRID"

Submitted in fulfillment for the award of degree of

MASTER OF TECHNOLOGY
In
Power Systems Engineering

Submitted by

AYESHA IFRA BEPARI
(USN: 2SD20EPS01)

Under the guidance of

Dr. R. L. Chakrasali
professor

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,
DHARWAD-580002

(An autonomous Institution affiliated to VTU, Belagavi.)

2021-22

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD-580002

(An autonomous Institution affiliated to VTU, Belagavi – 590018)

Department of Electrical and Electronics Engineering

CERTIFICATE

Certified that the project work entitled **"FAULT ANALYSIS AND SIMULATION OF DC MICROGRID"** is an original work carried out by **Somanath Tadavalaga**(2SD17EE044), **Abhilasha Chinagi**(2SD18EE001), **Abhishek L Bailaganad**(2SD18EE002), **Aditya U**(2SD18EE003) in partial fulfillment for the award of degree of Bachelor of Engineering in **Electrical and Electronics Engineering** of **S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi** during the year 2021 – 22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed or the award of Bachelor of Engineering Degree.

Signature of Guide	Signature of the HOD	Signature of the Principal
	6/7/22	

Name and signature of the examiners:

Sl.NO.	Name	Signature with Date
1	A K Shivalkar	6/7/22
2	S. G. Ankalaki	6/7/22

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SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,

DHARWAD-580002

(An autonomous Institution affiliated to VTU, Belagavi – 590018)

Department of Electrical and Electronics Engineering

CERTIFICATE

Certified that the project entitled "*SPEED CONTROL OF SINGLE PHASE AC MOTOR FOR HOME APPLIANCES*" is an original work carried out by AKSHATA (2SD18EE008), APOORVA (2SD18EE010), BEENA (2SD18EE012), BHAGYASHREE (2SD18EE013), in a partial fullfillment for the award of degree of bachelor of engineering in Department of E&E of S.D.M College of Engineering and Technology under the Visveshwaraya Technological University, Belegavi during the year 2020-21.The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the award of Bachelor of Engineering Degree.

5/7/22
Signature of Guide

5/7/22
Signature of the HOD

Signature of the Principal

Name and signature of the examiners:

Sl.NO.	Name	Signature with Date
1	A K. Shirakar	5/7/22
2	S. G. Ankalki	5/7/22

S. Ankalki.

Head of the Department
of Electrical & Electronics Engineering,
S.D.M. College of Engg & Technology
Dhavalagiri, DHARWAD-580 002

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