No. SRITW/Prin/2022

CIRCULAR

All the students are hereby informed that our college is offering value-added courses. Interested students can register their names to the respective course coordinator. A detailed brochure regarding the courses is available in the notice board.

<u>Criteria for Certification:</u> Attendance >=75% and marks secured >=70%.

: Important dates:

Registrations opening date:14-11-2022

Registrations closing date: 21-11-2022

Course start date: 24-11-2022

Course end date: 30-12-2022

Courses offered:

- 1. E-Vehicle design for Electronics
- 2. AWS(Data Center Technician)
- 3. DEVOPS & Android Development

4. Fundamentals of Insurance

Rejar Principal

Date: 07-11-2022

Principal

Copy to Sumathi Reddy Institute of Technology for Women HOD (CSE, ECE, H&SC) Ananthasagar (V), Hasanparthy (M) Administrative Officer WARANGAL - 506 371 (TS)

In-charge, Exam Branch Library Notice

Board All

classrooms

Course Objectives:

- To familiarize with the basic electric component configuration for the Electric Propulsion unit.
- To expose utilization of different Energy storage system and Hybridization.
- To inculcate the knowledge while resolving issue of Energy management system.
- To deliver and discuss the about architecture, power electronic based drive control systems, battery management systems and grid integration issues of Electric and Hybrid vehicles.
- To introduce students to Electric vehicles and give them a brief idea about electric vehicles, and its importance.
- This course gives some basic technical foundations regarding electric vehicles In-order to help them move on to advanced electric vehicle courses.

Course Co-coordinator:

Mr.A. Rajesh

Asst. Prof, H&SC

For Registrations Contact: 9381000904

Pre-requisites:

- Students should have access to a computer with minimum requirements (Pentium 4, Windows 7, 2 GB RAM, 5 GB Hard Disk Space) and a stable Internet connection.
- Commitment to spend at least one hour per week practicing the concepts introduced in the course.

Course Start Date: 24-11-2022

Course End Date: 30-12-2022

Venue: Seminar Hall(311)

Timings: 3:10PM-4:00PM



Principal

Sumathi Reddy Institute of Technology for Women Ananthasagar (V), Hasanparthy (M) WARANGAL - 506 371 (TS)

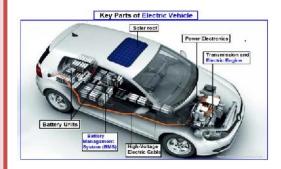


A Course

on

E -VEHICLE DESIGN FOR ELECTRONICS

Organized
by
Department of
Electronics and
Communication Engineering



Course Instructors:

- 1. Mr.D.Koteshwar rao Asst. Prof, ECE
- 2. Mr.M. Ramu Asst. Prof, ECE



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E-VEHICLE DESIGN FOR ELECTRONICS Date: 24-11-2022 to 30-12-2022

Course Content

- Electric Propulsion unit.
- Introduction to Electric Vehicle Dynamics.
- Introduction to electric components used in electric vehicles.
- Configuration and control of DC Motor drives.
- Configuration and control of Induction Motor drives,
- Configuration and control of Permanent Magnet Motor drives.
- Configuration and control of Switch Reluctance Motor drives.
- Drive system efficiency.
- Energy Storage.
- Introduction to Energy Storage Requirements Electric Vehicles.
- Battery based energy storage and its analysis,
- Fuel Cell based energy storage and its analysis.
- Super Capacitor based energy storage and its analysis, Flywheel based energy storage and its analysis. Hybridization of different energy storage devices.
- Energy Management Strategies: Introduction to energy management strategies used in hybrid and electric vehicles Classification of different energy management strategies,
- Comparison of different energy management strategies Implementation issues of energy management strategies.
- Electric Vehicle Need Types Cost and Emissions End of life. Electric Vehicle Technology layouts, cables, components, Controls. Batteries overview and its types. Battery plug-in and life. Ultra-capacitor, Charging Methods and Standards. Alternate charging sources Wireless & Solar.
- Motors (DC, Induction, BLDC) Types, Principle, Construction, Control. Electric Drive Trains (EDT) – Series HEDT (Electrical Coupling) – Power Rating Design, Peak Power Source (PPS); Parallel HEDT (Mechanical Coupling) – Torque Coupling and Speed Coupling. Switched Reluctance Motors (SRM) Drives – Basic structure, Drive Convertor, Design.
- Basic Electronics Devices Diodes, Thyristors, BJTs, MOSFETs, IGBTs, Convertors, Inverters. Safety Risks and Guidance, Precautions, High Voltage safety, Hazard management. Sensors Autonomous EV cars, Self-drive Cars, Hacking; Sensor less Control methods- Phase Flux Linkage-Based Method, Phase Inductance based, and Modulated Signal Injection, Mutually Induced Voltage-Based, Observer-Based.
- Hybrid Electric vehicles Classification Micro, Mild, Rather piol EV. Layout and Architecture Series, Parallel and Series-Bandle Red By Industry (1904) (190

• Fuel cell – Introduction, Technologies & Types, Obstacles. Operation principles, Potential and I-V curve, Fuel and Oxidation Consumption, Fuel cell Characteristics – Efficiency, Durability, Specific power, Factors affecting, Power design of fuel Cell Vehicle and freeze capacity. Lifetime cost of Fuel cell Vehicle – System, Components, maintenance

Course Outcomes:

After completion of the course students will be able to learn

- The Electric components in detail.
- Apply controls of different motors for drive system efficiency.
- Understand various Energy storage devices including the Hybridization.

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• Apply Energy management system strategies to solve problems.

Principal

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Ananthasagar, Hasanparthy, Warangal -506371, Telangana. Website: www.sritw.org Phoneno: 0870-2818302. Email: principal@sritw.org.



SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

Learning at its best

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List of Registered Students for E-Vehicle design for Electronics

Batch: 1	Doto: 24 11 2022 to 20 12 2022
Daten. 1	Date: 24-11-2022 to 30-12-2022

S.no	Roll No	Name of the Student
1	196Y1A0201	BHUKYA KALA RANI
2	196Y1A0202	DIXIT VAISHNAVI MILIND
3	196Y1A0203	DUGGISHETTI VARSHITHA
4	196Y1A0204	GADDAM NIKHITHA
5	196Y1A0205	HAFSA ANWAR
6	196Y1A0206	KANDAKATLA LAXMIPRASANNA
7	196Y1A0207	KANDIKONDA ANNAPOORNA
8	196Y1A0208	MOTAPOTHULA NIHARIKA
9	196Y1A0209	NEERATI SHRIYA HASINI
10	196Y1A0210	PAKA CHANDHANA
11	196Y1A0211	PEDDI JHANSI
12	196Y1A0212	POODHARI SAMYUKTHA
13	196Y1A0213	RAVULA SRAVANI
14	196Y1A0214	SATHENAPALLY ANVITHA
15	196Y1A0215	SURAPANENI MANISHA
16	196Y1A0216	THATLA AKHILA
17	196Y1A0217	THELU ANUSHA
18	206Y1A0401	ABHINAYA LINGAMPELLI
19	206Y1A0402	ANKALA LAHARI
20	206Y1A0403	APURI PRAVALIKA
21	206Y1A0404	AVERINENI VASAVI
22	206Y1A0405	BAINA LAKSHMIE PRASANNA
23	206Y1A0406	BALA RAJALAXMI
24	206Y1A0407	BALLE ANUSHA
25	206Y1A0408	BATHINI LAKSHMIPRASANNA
26	206Y1A0409	ВНИКУА ВНООМІКА
27	206Y1A0410	BITLA ROJA
28	206y1A0411	BOMMERA SUSHMA
29	206Y1A0412	BOPPA AKHILA
30	206Y1A0413	BUDDHE SANGEETHA
31	206Y1A0414	BURLA HARIKA
32	206Y1A0415	CHERUKUPALLY KEERTHANA
33	206Y1A0416	CHINTHAREDDY DIVYASRI
34	206Y1A0417	DEVATHI MADHUMITHA
35	206Y1A0418	EMMADI SATHWIKA
36	206Y1A0419	ENUGALA SOUJANYA Principal
37	206Y1A0420	GORANTALA HARBINATTI Reddy Institute of Technolo
38	206Y1A0421	GOURI PRIYA YAMSAnanthasagar (V), Hasanpa
39	206Y1A0422	GUMMADAVELLI DEERMARANGAL - 506 371



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40	206Y1A0423	HATKAR DEEPIKA
41	206Y1A0424	HUZAIFA GAZNAM
42	206Y1A0425	JAKKULA VAISHNAVI
43	206Y1A0426	JANAGANI BHAVANA
44	206Y1A0427	JANGALA LAXMI PAVANI
45	206Y1A0428	JERIPOTHULA CHANDANA
46	206Y1A0429	KADIVENDI POOJITHA
47	206Y1A0430	KALERU SAI SRUTHI
48	206Y1A0431	KOTHAKONDA HARIKA
49	206Y1A0432	KUCHANA AMULYA
50	206Y1A0433	MADASU MADHU SREE

Principal

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INSTITUTE OF TECHNOLOGY FOR WOMEN

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List of Registered Students for E-Vehicle design for Electronics

Batch: 2 Date: 24-11-2022 to 30-12-2022

Sno	Roll No	Name of the student
1	216Y1A0401	AGURLA AMULYA
2	216Y1A0402	AKHILA NARABOINA
3	216Y1A0403	AKULA KAVYA
4	216Y1A0404	AKUNURI KAVYA
5	216Y1A0405	ALLAM VARSHITHA
6	216Y1A0406	ANABATHULA SATHVIKA
7	216Y1A0407	ANCHURI SRAVYA
8	216Y1A0408	APARAJA AKSHAYA
9	216Y1A0409	ATTALURI KOVIDA
10	216Y1A0410	AVALA SANTHOSHINI
11	216Y1A0411	AYESHA MINHAS
12	216Y1A0412	BAYYA SAI SHANMUKHA SRI
13	216Y1A0413	BELIDHE NIKHITHA
14	216Y1A0414	BHASKARLA SRAVANTHI
15	216Y1A0415	BOKKALA ABHINAYA
16	216Y1A0416	BOLLU PRASANNA
17	216Y1A0417	BOMMINENI SANGEETHA
18	216Y1A0418	BURRA MANIDEEPIKA
19	216Y1A0419	CHEEMALA POOJITHA
20	216Y1A0420	CHINDAM POOJASRI
21	216Y1A0421	CHINTHAKANDI SWATHI
22	216Y1A0422	DADI ANUSHA
23	216Y1A0423	DESHETTI SATHVIKA
24	216Y1A0424	ETIKALA NAVEENA
25	216Y1A0425	FARAH MUSKAAN
26	216Y1A0426	GUNJI RAJARAJESHWARI
27	196Y1A0514	BOJJA SOWMYA
28	196Y1A0515	BOLLAPELLY SINDHUJA
29	196Y1A0516	BOMMA THAPASWINI
30	196Y1A0517	BOMMASANI DIVYA
31	196Y1A0518	BOYINA RAMYA
32	196Y1A0519	CHALLA HIMA BINDU
33	196Y1A0520	CHANDA SONI PRIYA
34	196Y1A0521	CHATLA SINDHUJA
35	196Y1A0522	CHENNA SHRAVANI
36	196Y1A0523	CHIDARLA NEHA Principal
37	196Y1A0524	CHIDIRAL Sumath Reddy Institute of Technology
38	196Y1A0525	CHILLA TEJASnanthasagar (V), Hasanpar
39	196Y1A0526	CHILUVERU SAMARANGAL - 506 371 (T



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40	196Y1A0527	DADABOINA NIKITHA
41	206Y1A0434	MANDA AISHWARYA
42	206Y1A0435	MANDA KEERTHANA
43	206Y1A0436	MATTA RAGINI
44	206Y1A0437	MUNAVATH APARNA
45	206Y1A0438	NAKIRTHA SUSHMA
46	206Y1A0439	NEELAM.PRANAVISREE
47	206Y1A0440	PALLA ROWSHNI
48	226Y1A0401	ABBIDI SINDUJA
49	226Y1A0402	ADULAPURAM RESHMIKA
50	226Y1A0403	ALLAM SWECHA
51	226Y1A0404	BACHAWALA KARISHMA
52	226Y1A0405	BALASANI SRILATHA
53	226Y1A0406	BANDI ANUSHA
54	226Y1A0407	BANDI BHAVANA
55	226Y1A0408	BANDI.HARIKA
56	226Y1A0409	BANOTH PRAVALIKA

Principal

Sumathi Reddy Institute of Technology for Women Ananthasagar (V), Hasanparthy (M) WARANGAL - 506 371 (TS)

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33	206Y1A0416	DIVYASRI	1	A	2	3	4	5	6	7		9	A	10	11	12	13		15		17		18		20			500	1			
34	206Y1A0417	DEVATHI MADHUMITHA	1	2	3	H	5	A	6	7	5	9	10	11	12	13	A	14						1	21				1			
35	206Y1A0418	EMMADI SATHWIKA	1	2	3	H	5	6	7	8	9	10	11	12	Tomas .	iu	10			ast	To law	20		No.	23	to Service	1	Samuel .	The same of	SALE VIEW	20	10000
36	206Y1A0419	ENUGALA SOUJANYA	1	A	2	3	4	5	6	7	8	A	9	10			13	5.45	15	16	2000	18			A			777 - 516		25	26	27
37	206Y1A0420	HARSHITHA	1	2	3	H	A	5	6	7	8	9	10			13			14	100					21	1						
38	206Y1A0421	GOURI PRIYA YAMSANI	1	2	A	3	24	5	6	7		9	10		12			14							21							
39	206Y1A0422	DEEKSHITHA	1	2	3	H	5	6	A	7	8	Section 1	10	11	1	13				17	1000	2000		1	21							
40	206Y1A0423	HATKAR DEEPIKA	A	1	2	3	u	5	6	7	8	9	10	A	11		13		15	16		18	S 500		21		1				The same	
41	206Y1A0424	HUZAIFA GAZNAM	1	2	3	4	Δ	5	6	7	8	9	10	1)	12			15	16	-	18		19		21			1	-			28
42	206Y1A0425	JAKKULA VAISHNAVI	1	A	2	3	4	5	6	7	8	9		11	12	A		-		, ,	-	1			21		-					27
43	206Y1A0426	JANAGANI BHAVANA	1	2	3	A	4	5	6	7	8	9	10	The same	12	13	14	87 (8)		Out of the			•		21			1	N. Carlo	1		28
44	206Y1A0427	JANGALA LAXMI PAVANI	1	2	3	4	5	A	6	7	8	9	10			12	12	14	1000	TOTAL TOTAL	17	10.614	0.000		121			1	321	125	26	2=
45	206Y1A0428	CHANDANA	A	1	2	3	4	5	6	A	*	8	9	Place T		12	10.6.7.	14		15	1000	-			120	4	7	0.00			4	26
46	206Y1A0429	KADIVENDI POOJITHA	1	2	A	3	4	5	6	7	8	9		11		A	12	14		16			10	20			22			0.75	- 1	2=
47	206Y1A0430	KALERU SAI SRUTHI	1	2	3	L	A	5	6	7	1	q		11	12			and the same		16			-		21					26		2=
48	206Y1A0431	KOTHAKONDA HARIKA	1	2	3	4	5	6	7	8	9	A	100	11		13	-	15	16	Contract of	18	_	_	_	21					26	2:	7 28
49	206Y1A0432	KUCHANA AMULYA	1	A	2	3	11	5	6	7	8	9		11		13		15	May to 1	-	18			21			1000	5 To 30 /				1 28
50	206Y1A0433	MADASU MADHU SREE	1	2	3	4	5	6	A	7		9	10		-	13	_	_	16	-		_	-	_	_	_						7 28

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Principal
Sumathi Reddy Institute of Technology for Women Ananthasagar (V), Hasanparthy (M) WARANGAL - 506 371 (TS)

	E-VEHIC	LE DESIGN FOR ELECTRONICS								BAT	CH-	1								(Cour	se In	struc	ctor :	D.K	OTE	SHV	VAR	RAC)		100
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31	206Y1A0414	BURLA HARIKA	28	X	29	30				88																						74
32	206Y1A0415	KEERTHANA		1	30					91	100																	-				
33	206Y1A0416	DIVYASRI	a short	28		29				80																						
34	206Y1A0417	DEVATHI MADHUMITHA			28					85	_																					
35	206Y1A0418	EMMADI SATHWIKA			33			-		100									17													
36	206Y1A0419	ENUGALA SOUJANYA	The Person of th		A	100.00				88																						
37	206Y1A0420	HARSHITHA	A		30					91											- 41											
38	206Y1A0421	GOURI PRIYA YAMSANI	1		30					88																						
39	206Y1A0422	DEEKSHITHA			31					94																	T					
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44	206Y1A0427	JANGALA LAXMI PAVANI	28	20	31	31				91																						
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50	206Y1A0433	MADASU MADHU SREE	29		31	-				94																						

Course Co-ordinator

Sumathi Reddy Institute of Technology for Women Ananthasagar (V), Hasanparthy (M) WARANGAL - 506 371 (TS)

Course Instructor: M.RAMU

		DATE:	24/11	25/11	25/11	26/11	28/11	29/11	30/11	30/11	1/12	2/12	3/12	5/12	6/12	7/12	8/12	9/12	10/12	10/12	12/12	13/12	14/12	15/12	16/12	17/12	19/12	20/12	21/12	22/12	23/12	24/12
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1	216Y1A0401	AGURLA AMULYA	1	2	3	A	4	5	6	7	8	9	10	11	12	A	13	14	15	16	ান	18	19	20	21	22	A	23	24	25	26 3	27
2	216Y1A0402	AKHILA NARABOINA	A	1	2	3	4	5	6	7	8	A		10	11	12	13	1		16	17	18	A	19	20	21	22	23	24	25	26 :	27
3	216Y1A0403	AKULA KAVYA	1	2	A	3	4	5	6	7	8	9	A	10	11	12	13	lu	15	A	16	17	18	19	20	21	22	23	A	24	25	26
4	216Y1A0404	AKUNURI KAVYA	A	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27
5	216Y1A0405	ALLAM VARSHITHA	1	2	3	A	4	5	6	7	8	9	10	11	12	A	13	14	15	16	FI	18	19	20	A	21	22	23	24	25	26	27
6	216Y1A0406	ANABATHULA SATHVIKA	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	27	28
7	216Y1A0407	ANCHURI SRAVYA	A	1	2	3	Ч	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27
8	216Y1A0408	APARAJA AKSHAYA	1	2	3	4	5	A	6	7	8	9	10	11	12	13	lu	15	16	17	A	18	129	20	21	22	23	24	25	26	27	28
9	216Y1A0409	ATTALURI KOVIDA	1	2	3	4	5	6	7	8	9	10	11	12	13	tu	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	216Y1A0410	AVALA SANTHOSHINI	1	A	2	3	Н	5	6	7	8	9	A	10	11	12	13	lu	15	16	17	18	19	20	21	22	A	23	24	25	26	27
11	216Y1A0411	AYESHA MINHAS	1	2	3	4	5	A	6	7	8	9	10	11	12	13	A	lu	15	16	17	18	19	A	20	21	22	23	24	A	25	26
12	216Y1A0412	BAYYA SAI SHANMUKHA SRI	1	2	A	3	ч	5	6	7	8	9	10	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27	28
13	216Y1A0413	BELIDHE NIKHITHA	1	2	3	4	5	6	A	7	8	9	10	11	12	A	13	14	15	16	F1	18	19	20	21	22	23	A	24	25	26	27
14	216Y1A0414	BHASKARLA SRAVANTHI	1	A	2	3	4	5	6	7	8	9	A	9	11	12	13	14	15	16	F.1	18	A	19	20	21	22	23	24	25	26	27
15	216Y1A0415	BOKKALA ABHINAYA	1	2	3	A	4	5	6	7	8	9	10	11	12	13	IU	15	16	A	17	18	19	20	21	27	23	3 24	25	26	27	28
16	216Y1A0416	BOLLU PRASANNA	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	A	22	23	24	25	26	27	28
17	216Y1A0417	BOMMINENI SANGEETHA	1	2	3	4	5	A	6	ম	8	9	10	u	12	13	14	A	15	16	17	18	19	20	21	22	A	23	24	25	26	27
18	216Y1A0418	BURRA MANIDEEPIKA	1	A	2	3.	H	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	125	1	26
19	216Y1A0419	CHEEMALA POOJITHA	1	2	3	4	A	5	6	7	8	9	10	17	12	13	14	A	15	16	174	15	19	20	21	22	A	23	3 24	25	26	27
20	216Y1A0420	CHINDAM POOJASRI	12	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	A	21	22	2 23	3 21	125	26	27	28
21	216Y1A0421	CHINTHAKANDI SWATHI	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	3 A	_	25		27	28
22	216Y1A0422	DADI ANUSHA	1	2	3	H	5	6	7	8	9	10	11	12	13	14	15	16	FI	18	19	20	21	27	23	3 2L	1 25	26	27	28	29	30
23	216Y1A0423	DESHETTI SATHVIKA	1	2	A	3	H	5	6	7	8	9	10	11	12	13	14	A	15	16	F1	18	19	20	21	2:	2 23	324	1 1	25	26	
24	216Y1A0424	ETIKALA NAVEENA	1	2	3	Ц	5	A	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	AD	25	21	22	2 23	3 24	A	25	26
25	216Y1A0425	FARAH MUSKAAN	A	1	2	3	4	5	G	7	8	A	9	10	11	12	13	lu	15	16	A	17	18	19	20	21	22	- 27	3 24	1 25		27
26	216Y1A0426	GUNJI RAJARAJESHWARI	1	2	A	3	4	5	6	7	8	9	10	11	12	A	13	lu	12		17	18	14	70	-	POON	23	2 23	-	_		26
27	196Y1A0514	BOJJA SOWMYA	1	2	3	4	5	A	6	7	8	9	10	11	13	13	14	A	15												26	
28	196Y1A0515	BOLLAPELLY SINDHUJA	1	2	3	H	5	6	7	8	9	A	10	11	12	13	14	15	16	17	Ang	hith	Ses	ar A	1.4	asan	grant	5 y2 (A	1 2	5 26	27	28
29	196Y1A0516	BOMMA THAPASWINI	1	A	2	3	H	5	6	7	8	9	10	11	12	13	14	15	16	13	A	MA	MAN	GAL	59	937					27	
30	196Y1A0517	BOMMASANI DIVYA	1	2	3	A	H	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	27	2 23		_		5 26	27
31	196Y1A0518	BOYINA RAMYA	1	2	A	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	10	20	A	2	1 27			1 25		26
32	196Y1A0519	CHALLA HIMA BINDU	1	2	3	A	4	5	6	7	8	9	10	_	12	13	14	A	15	16	17	18	19	20	21	27	2 2	_	-	5 26		
33	196Y1A0520	CHANDA SONI PRIYA	1	2	3	14	5	6	A	F	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21	2	2 A	23	3 2	4 2	5 26	27

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1	216Y1A0401	AGURLA AMULYA	28	A	29	30				88			3																			
2	216Y1A0402	AKHILA NARABOINA	28	20	30	31	1/1			91							1															
3	216Y1A0403	AKULA KAVYA	A	27	28	29				85				18																NE.		
4	216Y1A0404	AKUNURI KAVYA	28	29	A	30			San American	88																						1
5	216Y1A0405	ALLAM VARSHITHA	28	20	30	31				91																					39	
6	216Y1A0406	ANABATHULA SATHVIKA	A	20	30	31				91							V.															
7	216Y1A0407	ANCHURI SRAVYA	28	29	30	31				91							17-7/-															
8	216Y1A0408	APARAJA AKSHAYA		30		31				91																						
9	216Y1A0409	ATTALURI KOVIDA	31	A COLUMN TO THE PARTY OF THE PA	1	33				97																						
10	216Y1A0410	AVALA SANTHOSHINI	A	28	29	30	lo el			88													1									
11	216Y1A0411	AYESHA MINHAS	27	28	29	30				88																			0.00			
12	216Y1A0412	BAYYA SAI SHANMUKHA SRI	29	30	1	A Table St. Aug.				91			1																			
13	216Y1A0413	BELIDHE NIKHITHA		29		100				91																				200		
14	216Y1A0414	BHASKARLA SRAVANTHI		_		31				91																						
15	216Y1A0415	BOKKALA ABHINAYA				31				91						. 7																
16	216Y1A0416	BOLLU PRASANNA		30						91																				10		
17	216Y1A0417	BOMMINENI SANGEETHA	178	29	1	1				91																						
18	216Y1A0418	BURRA MANIDEEPIKA	A		28	200				85																	1				18.6	
19	216Y1A0419	CHEEMALA POOJITHA	28	20						91																						
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22	216Y1A0422	DADI ANUSHA	A	1000		33				97																						T
23	216Y1A0423	DESHETTI SATHVIKA	28	29		30				88																						T
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25	216Y1A0425	FARAH MUSKAAN	A		1000	30				8.8		V.	3 238			100		100		1					100							
26	216Y1A0426	GUNJI RAJARAJESHWARI	27	28						85		V.	9	12					197		VA		1	Prin	ici	pal		1/8				
27	196Y1A0514	BOJJA SOWMYA	28	29	20	31			TV.	91						110		10		S	umat	h Re	dy Ir	stitut	e of T	pal echno	OQY	for W	men	3		
28	196Y1A0515	BOLLAPELLY SINDHUJA	29	A	30	31				91											An	anth	asag	ar (1), H	asan	part	hy (A	1)			T
29	196Y1A0516	BOMMA THAPASWINI	29	30	31	A				91												WA	RAN	GAL	- 50	6 37	1	\$)				
30	196Y1A0517	BOMMASANI DIVYA				30				88																						
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	F-VFH	ICLE DESIGN FOR ELECTI	RONIC	CS					,	BATO	CH-7	Ĺ										Cou	irse l	nstr	ucto	r:M	.RA	ทบ				
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34	196Y1A0521	CHATLA SINDHUJA	1	A	2	3	H	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	A	20			1	24			
35	196Y1A0522	CHENNA SHRAVANI	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	A	16				26		THE DOCUMENT					1000	barres (a)
36	196Y1A0523	CHIDARLA NEHA	A	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17					22				25		27
37	196Y1A0524	CHIDIRALA SUPRAJA	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20	177823	7 - 2 - 7				26	-	28
38	196Y1A0525	CHILLA TEJASRI	1	A	2	3	H	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	A	21		100	District UT	25		The same of the
39	196Y1A0526	CHILUVERU SANGEETHA	1	2	3	44	5	A	6	7	8	9	10	11	12	13	14	15	16	Α	17	18	19	20			_	24	V 700			1
40	196Y1A0527	DADABOINA NIKITHA	1	2	3	11	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20			23	24	25	1111127	Driving in	4 100	
41	206Y1A0434	MANDA AISHWARYA	1	A	2	3	1	5	6	7	8	9	10	11	12	13	14	15	16	17	A.	18	-	20		22	1	-		25		27
42	206Y1A0435	MANDA KEERTHANA	1	- 2	3	4	A	5	6	7	8	9	10	11	12	13	14	A	15	16	17			20					Inte a	26	4000	
43	206Y1A0436	MATTA RAGINI	A	1	2	3	4	5	6	7	8	9	A	to	11	12	13	14	15	16	17	18		19	20	1		Toronto Con	24		Anna Line	26
44	206Y1A0437	MUNAVATH APARNA	1	2	A	3	H	5	6	7	8	9	10	_	12		A	14	15	16	17	18	19	20	21	27	-		24		26	
45	206Y1A0438	NAKIRTHA SUSHMA	1	2	3	1	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20		22			25	100	27	1
46	206Y1A0439	NEELAM.PRANAVISREE	1	- 2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21		23	1		26		27
47	206Y1A0440	PALLA ROWSHNI	1	_ 2	3	H	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18		20	121			1	1	25	Trops of		28
48	226Y1A0401	ABBIDI SINDUJA	1	A	2	3	4	5	6	7	8	9	10	11	12	A	13	IL	1 25	16	17			20	T TO S		22		324	G/RBI	1 1208	27
49	226Y1A0402	ADULAPURAM RESHMIKA	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	A	16		1		20		22				26	3	128
50	226Y1A0403	ALLAM SWECHA	1	2	3	H	5	G	7	8	9	10	A	- 11	12	13	14	15	16	17	18	19	20				324	7	1200	27	and the same of	N. Same
51	226Y1A0404	BACHAWALA KARISHMA	1	LA	2	3	4	5	6	7	3	9	10	11	12	12	A	14	15	16	F1	18	1	120				_				100000
52	226Y1A0405	BALASANI SRILATHA	1	2	3	A	-	5	6	F	8	9	10	A	11	12	13	14	15	16	17	18			20		_			14	26	
53	226Y1A0406	BANDI ANUSHA	P	11	2	3	4	5	6	干	8	A	9	10	11	12	13	14	15	16	> A	17	18	19		0 21		-	3 24	_		2-
54	226Y1A0407	BANDI BHAVANA	1	2	A	13	14	5	6	7	8	9	10	11	15	2 13	14	1 15	A	16	17	18	19	20	21	27	1 23	321	1 23	, 26	5 27	28

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BANOTH PRAVALIKA

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35	196Y1A0522	CHENNA SHRAVANI	29	30	31	A				91																						
36	196Y1A0523	CHIDARLA NEHA	28	29						88																						
37	196Y1A0524	CHIDIRALA SUPRAJA	29			32				94		4					. 1															
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WARANGAL - 506 371 (TS)

Students Eligible for Certification as per Eligibility Criteria

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Course: E-Vehicle design for Electronics

Date: 24-11-2022 to 30-12-2022

Mark	Name	Roll Number	S.No
18	AGURLA AMULYA	216Y1A0401	1
19	AKHILA NARABOINA	216Y1A0402	2
18	AKULA KAVYA	216Y1A0403	3
18	AKUNURI KAVYA	216Y1A0404	4
20	ALLAM VARSHITHA	216Y1A0405	5
20	ANABATHULA SATHVIKA	216Y1A0406	6
21	ANCHURI SRAVYA	216Y1A0407	7
21	APARAJA AKSHAYA	216Y1A0408	8
25	ATTALURI KOVIDA	216Y1A0409	9
18	AVALA SANTHOSHINI	216Y1A0410	10
18	AYESHA MINHAS	216Y1A0411	11
19	BAYYA SAI SHANMUKHA SRI	216Y1A0412	12
18	BELIDHE NIKHITHA	216Y1A0413	13
18	BHASKARLA SRAVANTHI	216Y1A0414	14
20	BOKKALA ABHINAYA	216Y1A0415	15
20	BOLLU PRASANNA	216Y1A0416	16
21	BOMMINENI SANGEETHA	216Y1A0417	17
21	BURRA MANIDEEPIKA	216Y1A0418	18
25	CHEEMALA POOJITHA	216Y1A0419	19
18	CHINDAM POOJASRI	216Y1A0420	20
18	CHINTHAKANDI SWATHI	216Y1A0421	21
19	DADI ANUSHA	216Y1A0422	22
18	DESHETTI SATHVIKA	216Y1A0423	23
18	ETIKALA NAVEENA	216Y1A0424	24
20	FARAH MUSKAAN	216Y1A0425	25
20	GUNJI RAJARAJESHWARI	216Y1A0426	26
21	BOJJA SOWMYA	196Y1A0514	27
21	BOLLAPELLY SINDHUJA	196Y1A0515	28
25	BOMMA THAPASWINI	196Y1A0516	29
18	BOMMASANI DIVYA	196Y1A0517	30
18	BOYINA RAMYA	196Y1A0518	31
19	CHALLA HIMA BINDU	196Y1A0519	32
18	CHANDA SONI PRIYA	196Y1A0520	33
18	CHATLA SINDHUJA	196Y1A0521	34
20	CHENNA SHRAVANI	196Y1A0522	35
20	CUIDADLA MEHA	196Y1A0523	36
	CHIDIRALA SUPRAJA CHIDIRALA SUPRAJA Sumathi Reddy Institute of Technol	196Y1A0524	37

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38	196Y1A0525	CHILLA TEJASRI	21
39	196Y1A0526	CHILUVERU SANGEETHA	25
40	196Y1A0527	DADABOINA NIKITHA	18
41	206Y1A0434	MANDA AISHWARYA	18
42	206Y1A0435	MANDA KEERTHANA	19
43	206Y1A0436	MATTA RAGINI	18
44	206Y1A0437	MUNAVATH APARNA	18
45	176Y1A0475	ROKULA PRANEETHA	20
46	176Y1A0476	ROKULA SOWJANYA LAXMI	20
47	176Y1A0477	SADHU SUSHMITHA	21
48	176Y1A0478	SADU SRAVANI	21
49	176Y1A0479	SANIYA JABEEN	25
50	176Y1A0480	SATHU SANKEERTHANA	18
51	176Y1A0481	SATKURI SREEVARSHA	18
52	176Y1A0482	SHAISTHA SUMAYA	19
53	176Y1A0483	SIRIVOLU PRANATI	18
54	176Y1A0484	SOOR ONIMA	18
55	176Y1A0485	SRI MAHALAKSHMI AYYAGARI	20
56	176Y1A0486	SRI VENNELA ALLADURGAM	20
57	176Y1A0487	SRIRAMULA SRINIDHI	21
58	176Y1A0488	SYED NASREEN	21
59	186Y1A0201	ASAM APOORVA	25
50	186Y1A0202	BAINA SUPRIYA SHREE	18
51	186Y1A0203	BIKKINENI SHIVANI	18
52	186Y1A0204	BOLLAM SATHYA	19
53	186Y1A0205	BURKA ANUSHA	18
54	186Y1A0206	CHILUVERU DEEPTHI	18
55	186Y1A0207	CHUNCHU SRAVANI	20
66	186Y1A0208	DESHAVATH NIHARIKA	20
57	186Y1A0209	EKKATI NAVYA REDDY	21
58	186Y1A0210	ELLABOINA KEERTHANA	21
9	186Y1A0211	GANGINENI POOJITHA	25
0	186Y1A0212	ILAPAKA PREETHI	18
1	186Y1A0213	KANIGANTI SRIHARSHITHA	18
2	186Y1A0214	KANTHULA PRAVALIKA	19
3	186Y1A0215	KATTA SRUTHI	18
4	186Y1A0216	LAVUDYA SHIREESHA	18
5	186Y1A0217	MANCHALA BHARGAVI	20
6	186Y1A0218	NADUMULA ANUHYA	20
7	186Y1A0219	NACCECA CHIDEEN	21
8	186Y1A0220	PAIDIPALA PRATHYUSHA Sumathi Reddy Institute of Techno	

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79	186Y1A0221	PUJARI LIKITHA	25
80	186Y1A0222	QUDSIA RAHMAN	18
81	186Y1A0223	RAVULA LATHA SREE	18
82	186Y1A0224	SANAM NAMRATHA	19
83	186Y1A0225	TEJAVATH CHANDINI NAIK	18
84	186Y1A0226	VAISHNAVI PAKALA	18
85	186Y1A0227	VALADASU BHAVANA	20
86	186Y1A0228	VASAM VENNELA	20
87	196Y1A0405	ALLA DEEKSHITHA	21
88	196Y1A0406	ALLADI SAMANVITHA	21

Course-coordinator

Kyan

Principal

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Test (E-Vehicle Design for Electronics)	2164140402
Duration: 1hr	2/64/A040 L Marks: 25
	XI. Akmia
1. What is an electric drive?	[G]
a) A machine that converts electrical energy into kinetic energy	11
b) A machine that converts mechanical energy into electrical energy	
c) A machine that converts electrical energy into mechanical energy	
d) A machine that converts kinetic energy into electrical energy	401
2. Which of the following is used to build a electric drive?	you /
a) Source b) Motor c) Control unit d) All of the mentioned	125
3. Which of the following is/are components of an electric drive?	[6]
a) Control unit and Power Modulator b) Electric Motor and Control Sys	
c) Input Command d) Sensing Device and Electric Mo	
4. Which of the following is a function of electric drive?	10
a) Transport energy from the storage system to the wheels	
b) Transport energy from the control system to the wheels	
c) Transport fuel from the electric motor to the wheels	
d) Transport fuel from the storage system to the wheels	
5. What are electric drives?	[4]
a) Engines of 2-wheelers b) Laptops c) Robotics d) Both a & c	191
ay ang mass a mission of Europe system of the	
6. Which of the following exhibits linearly rising load torque characteristics	s? [c]
a) Rolling Mills b) Fan load	
c) Elevators d) separately excited dc generator connected to the	e resistive load
7. Type-A chopper is used for obtaining which type of mode?	[a] .
a) Reverse motoring mode b) Motoring mode	[00]
c) Reverse regenerative braking mode d) Regenerative braking mode	
of reverse regenerative tracing mode at regenerative tracing mode	
8. Which of the following converter circuit operations will be unstable for a	large duty cycle ratio?
	[B
a) Boost converter b) Boost converter and Buck-Boost converter	
c) Buck converter d) Buck-Boost converter	
9. Which of the following devices should be used as a switch for high powe	r and high voltage?
application?	1 [6]
a) TRIAC b) Thyristor c) GTO d) MOSFET	par
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10. Which of the following m	sotor con be referred as a univ	versal motor?	[a] 1	
 Which of the following in a) Permanent magnet motor 	b) DC shunt motor			
c) DC series motor	d) DC compound motor			
			/	
11. What is the unit of the ap	parent or complex power?		al	
a) VA b) ohm c) Vo	olt d) VAR			
		Usl apparation?	[6]	
12. Which of the following d	evice is NOT suitable for par	ratiei operation:		
a) BJT b) MOSFET	c) TRIAC d) IGBT			
13. The frame of an inductio	n motor is made of		[9]	
a) Silicon steel b) Alumini	um c) Stainless steel d) (Cast iron		
a) Sincon steel b) I thanking				
14. When was the first electr	ic car invented? []			
a) 1830 b) 1985 c) 1	832 d) 1945			
	41.2	of the signal.	[a]	
15. The moving coil instrum	4.5 value a) Zero value	d) Half value	000	
a) Average value b) R.N	71.5 value c) Zelo value	u) Han		
16. Electric Vehicles are ger	nerally powered by		[b]	
a) Aluminum batteries	b) Lead-acid batteries			
c) Sodium batteries	d) Magnesium batterie	ès .		
i a sa k		ana voltage=315	v. [a]	
17. Calculate the line voltag	e in star connection when ph	lase voltage=515	v. [ec]	
a) 545.5 V b) 548.6 V c)	347.8 V u) 363.6 V			
18. Who coined the term ba	ttery?			
a) George Franklin	b) Benjamin Fernandes			
c) Benjamin Franklin	d) George Bush			
			[0]	
19. Who invented the batter	b) Alexander Bell			
a) Alessandro Volta	d) Tim Southee			
c) Alessandro Bell	d) Imi oomis		2.2	
20. Full form of EV is	21 , 2 , 17		[6]	
a) Energy voltage	b) Electric vehicles			
c) Electric voltage	d) Energy vehicles			
aravi:			اطا	
21. Full form of ICV is	icles b) Internet comb	oustion vehicles	0./	
 a) Internal combustion veh c) Internally combined veh 		ined vehicles	Dia.	
			CQUE SULL	
22. Calculate the active po	wer in a 315 F capacitor.	P	Principal 1	
a) 45 W b) 81 W c)	0 W d) 64 W		stitute of Technology for Wome	n
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23.	Fuel c	ell conve	rts chemical	energy	to electric	cal energy	using a	reaction	that

- a) Eliminates combustion of fuel b) requires combustion of fuel [C]
- c) requires no ignition of fuel
- d) fuel is not required
- 24. Fuel cell performance is not limited by
- a) First law of Thermodynamics
- b) Second law of Thermodynamics
- c) Third law of Thermodynamics
- d) all three laws are applicable
- 25. For which of these devices does negative charge carriers flow from anode to cathode in the external circuit?
- a) MHD generator
- b) Thermionic generator
- c) Thermoelectric generator
- d) Fuel cell

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Certificate of completion

This is to certify that AVALA SANTHOSHINI bearing roll number 216Y1A0410 has successfully completed the course entitled "E-Vehicle design for Electronics" conducted from 24-11-2022 to 30-12-2022.

Mr. A.Rajesh

Coordinator

Dr.K.Mahender sharmaya Dr.I.Rajasri Reddy

Head of the Departmentiacipal Principal Sumathi Reddy Institute of Technology for Women

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Certificate of completion

This is to certify that BHASKARLA SRAVANTHI bearing roll number 216Y1A0414 has successfully completed the course entitled "E-Vehicle design for Electronics" conducted from 24-11-2022 to 30-12-2022 .

Mr. A.Rajesh

Coordinator

Dr.K.Mahender sharn

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