



SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Recognized by UGC under section 2(f) & 12(B))
(Permanently affiliated to JNTUK, Kakinada, Accredited by NBA and NAAC with 'A' Grade)

Pedatadepalli, TADEPALLIGUDEM-534 101.W.G.Dist. (A.P)

Department of Electrical & Electronics Engineering (NBA Accredited)

Academic Year - (2020-21)

VIII Semester

List of Projects

BATCH NO.	ROLL NO	NAME OF THE STUDENT	PROJECT GUIDE	PROJECT TITLE
1	17A81A0234	VARDHINEDI SRI NAGA VIJAYA LAKSHMI	DR. CH. RAMBABU	SMART ENERGY MONITORING SYSTEM
	17A81A0237	YATAM SAI GEETHA		
	17A81A0218	MADDALA SAI DURGA KALYANI		
	18A85A0227	KANAKALA ABHISHEK KUMAR		
2	18A85A0231	MUPPINA MOHAN SAI GANESH	DR. D. SUDHA RANI	DESIGN AND PERFORMANCE ANALYSIS OF A PV SYSTEM WITH BATTERY STORAGE USING BIDIRECTIONAL DC-DC CONVERTER.
	17A81A0207	DEVA LAKSHMI SIRISHA		
	17A81A0222	MUPPIDI RUPAVATHI		
	17A81A0204	BANDARU NAGA PRAVALLIKA		
3	18A85A0201	AADARI SAI PAVAN KUMAR	MR. U. CHANDRA RAO	IMPROVED POWER QUALITY BRIDGE LESS CONVERTER BASED MULTIPLE OUTPUT SMPS.
	17A81A0228	SUTHAPALLI HARIKA		
	18A85A0206	AVIDI SUMA		
	17A81A0205	CHITHIRALA SAI KUMAR		
4	18A85A0213	CHUKKA HARIKA	MR. CH. V.S.R. GOPALA KRISHNA	ESP-32 CAM AI ROBOT
	17A81A0225	RACHURI VYSHNAVI		
	18A85A0209	BOLLA SIVA NAGARAJU		
	17A81A0203	BALAM VENKATA SAI TEJA		
5	17A81A0236	VUNDAVALLI NAGA SIRISHA	MR. N. SRI HARISH	POWER OPTIMIZATION OF WIND TURBINE USING STATCOM
	18A85A0220	GUNDEPALLI HEMANTH		
	18A85A0207	BANDARU JAYA SRINIVAS		
	17A81A0223	POLINA SRINIVAS		
6	18A85A0203	AKULA VIJAYALAKSHMI	MR. K. RAMESH BABU	ESP-32 CAM DOOR- LOCK
	17A81A0224	PULAPA LAKSHMI RAJA RAJESWARI		
	17A81A0217	KOWJU BALA DURGA GANESH		
	18A85A0218	GHANTA LIKHIT CHANDRA		
7	18A85A0214	DASARI SOBHARANI	MR. K. VENKATA REDDY	A NOVEL HIGH STEP UP DC\DC CONVERTER BASED ON INTEGRATING COUPLED INDUCTOR AND SWITCHED - CAPACITOR FOR RENEWABLE ENERGY APP
	18A85A0210	BURRA SRI VALLI SAI RADHA		
	18A85A0224	JUTTIGA KARTHIK		
	18A85A0211	CHALLA VENKATA NAGA SUNDAR SAI		
8	17A81A0201	ADABALA ROJA MADHURI	MR. K. SURESH	

Department Vision:

- To evolve as a centre of excellence in Electrical and Electronics Engineering that produces graduates of high quality with ethical values.

Department Mission:

- To impart technical knowledge through learner-centric education supplemented with practical exposure.
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	18A85A0221	GURAJAPU VEERA NAGA SATYA SRINIVAS		PERFORMANCE OF 3 LEVEL INTEGRATED AC-DC CONVERTER WITH HYSTERESIS CURRENT CONTROLLER
	17A81A0220	MARUBOINA SANDEEP		
	17A81A0206	CHOUTIPALLI MANISHA		
9	18A85A0204	ALLU HEMANTH KUMAR	MR. M.T.V.L. RAVI KUMAR	FPGA BASED INTERLEAVED NEGATIVE BOOST CONVERTER
	17A81A0230	THOTA SAI NAGA KUMARI		
	17A81A0232	VALLURI NAGAMUNI		
	17A81A0208	GANTA D N V KRISHNA		
10	17A81A0211	INAGANTI DEVIKA NAGA HARIPRIYA	MR. V. RAMA NARAYANA	PREPAID ENERGY METER USING GSM MODULE
	18A85A0225	KAKARLA JHANSI RANI		
	18A85A0228	MADDALA CHIRUBABU		
	18A85A0208	BANGARU UMA MAHESWARA NAGA DURGARAO		
11	17A81A0221	MUNIKOTI SIVA RAMAKRISHNA	MR. G. CHANDRA BABU	SIMULATION OF - PV SOLAR ENERGY & HYBRID ENERGY HARVESTING CONFIGURATION USING MAT LAB
	17A81A0213	KAKULETI RAMYA SRI		
	18A85A0216	GANDI MANIRATNAM		
	17A81A0231	TOLETI VENKATA SAI BABU		
12	18A85A0219	GUDIMETLA SAI SATISH	MR. G. MADHUSAGARBABU	SOFT STARTER FOR LM DRIVERS PUMPS
	17A81A0214	KAMMULA MOUNIKA		
	18A85A0205	AVIDI SAIVAMSI		
	17A81A0210	GOPAY JESSI JOHN		
13	18A85A0212	CHINNAM NARENDRA PRASAD	MR. G. GOVARDHAN	IOT BASED SMART HOME SECURITY SYSTEM USING RASPBERRY PI3
	18A85A0202	AKETI PRIYA		
	17A81A0209	GOLI NEELIMA		
	17A81A0202	ADDALA MANI KUMAR HANUMANTH		
14	17A81A0235	VEMULAPALLI SUSHMA	MR. P.K.S. SARVESH	IOT CLOUD BASED BATTERY VOLTAGE MONITORING SYSTEM
	18A85A0226	KAKILETI VINAY TEJA		
	18A85A0229	MADDALA VEERA VARA PRASANTH		
	17A81A0219	MADDUKURI VEERABABU		
15	17A81A0216	KONDAPALLI SRUTHI	MR. A. UMA SIVA NAGA PRASAD	DC-DC BUCK CONVERTER USING FUZZY LOGIC CONVERTER
	18A85A0222	GUTTIKONDA SAI RAM		
	17A81A0227	SAJJA TEJASWINI		
	16A81A0256	CHAPARLA LAKSHMI VENKATA PRADEEP		
	17A81A0226	RUTTALA SRI L K SAI BHARGAV		
16	17A81A0275	VAMISSETTI UMA LAKSHMI	DR. CH. RAMBABU	SMART ENERGY MONITORING SYSTEM
	17A81A0243	ATTILI KAVYANJALI		

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	17A81A0264	PRATHIPATI SUPRIYA		
	18A85A0247	SALADI VEERENDRA KUMAR		
17	17A81A0246	CHINTA PAVANAKANAKA NAGAVENKATA BAPI REDDY	DR. D. SUDHARANI	A SOLAR POWER ASSISTED BATTERY BALANCING SYSTEM FOR E.V.
	17A81A0271	THOKALA LAILA JHANSI		
	18A85A0234	MUTYALA MANIKANTA		
	18A85A0253	TUMMA SAI MANOJ		
18	18A85A0242	RAJAHMUNDRY SANDHYARANI	MR. U. CHANDRA RAO	A UNIFIED CONTROL AND POWER MANAGEMENT IN HYBRID MICROGRIDS
	17A81A0268	TADIMALLA LAKSHMI PAVITHRA		
	18A85A0250	TAMMA DOLA VENKATA SRINIVAS		
	17A81A0273	VADDI MOHANSAI		
19	18A85A0245	RYALI DEEPTHI	MR. N. SRI HARISH	HYBRID ALGORITHM FOR MPPT OF WIND ENERGY CONVERSION SYSTEMS
	17A81A0257	NAKKA SRI BHAGYA SRI SESHA RATNAM		
	18A85A0235	NAGOTHU NAGENDRABABU		
	18A85A0256	YALAMANCHILI KIRAN KUMAR		
20	18A85A0241	PUNNAM PAVANI VENKATA DURGA	MR. K. VENKATA REDDY	SIMULATION OF HIGH STEP UP RESONANT PARALLEL LC CONVERTER FOR GRID CONNECTED RENEWABLE ENERGY SOURCES
	17A81A0267	SINGULURI MONVITHA TARAKA BALA		
	17A81A0262	PATCHAVA ANITHA		
	17A81A0251	KESAVARAPU SAI TEJA		
21	17A81A0256	MUTHINTI PAVANI RUPA	MR. G. SAVEEN	IMPROVEMENT OF VOLTAGE REGULATION USING FUZZY LOGIC CONTROLLER IN MICROGRID
	17A81A0261	PACHA SATYA SWAROOPA RANI		
	17A81A0259	NEELAM SAI VENKATA MAHA LAKSHMI		
	17A81A0241	ALLURI NAGA MANIKANTA		
22	18A85A0244	RUDRU SIVA NAGA SAI SATISH	MS. A. RATNAKUMARI	BIDIRECTIONAL VEHICLE TO MAINS CHARGING SYSTEM
	17A81A0247	GATTU SRI MANEENDRA		
	18A85A0255	VEMANA MOHAN SATYA SAI RAM		
	18A85A0252	THOTA PAVAN KUMAR		
23	18A85A0246	RYALI LAKSHMI PRIYANKA	MR. N. MADHUSUDHAN REDDY	HYBRID POWER GENERATION BY USING SOLAR AND WIND ENERGY
	18A85A0233	MUTYALA JITHENDRA MANIKANTA		
	17A81A0272	TUMMALA SYAMSON KUMAR		
	17A81A0260	NORI LAHIRI SATYA MONISH		
24	18A85A0243	RUDRU ACHYUTH BHAGAVANNARAYANA	MR. K. AMARENDRA	ANALYSIS OF NON ISOLATED MULTIPULSE CONVERTERS
	18A85A0248	SAYILA SRIRAM		
	17A81A0253	MANDALAPU RAGHAVA RAO		
	17A81A0255	MITTAPALLI CHARAN SAI REDDY		

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25	17A81A0270	TATA RADHA MOUNIKA	MR. V.S. ADITYA	BATTERY MANAGEMENT THROUGH SOC ESTIMATION
	17A81A0244	BALANAGU N V S D KRISHNA MANOJ KUMAR		
	17A81A0254	MIRIYALA SAIRAM		
	18A85A0232	MUSTI ADITYA SREE RAM		
26	18A85A0239	PINDI SURYA KUMARI	MR. S. KRISHNA	BLDC MOTOR FED BY SIX STEP INVERTER
	18A85A0251	TAMMIRSI JAYA DEEPTHI		
	18A85A0254	VALLURI DINESH		
	17A81A0239	AITHAM MAHENDRA KUMAR		
27	18A85A0238	PARICHERLA VEERA VENKATA KALYANI	MR. A.V.V.N. PHANINDRA	HARMONIC REDUCTION IN AN 1- ϕ CONVERTER USING ADAPTIVE FILTER
	17A81A0240	AKISETTI KUSUMA NAGA SAI SRAVANI		
	17A81A0269	TAIDALA NAGA VARA LAKSHMI		
	18A85A0236	NALLIMILLI AMARENDRA REDDY		
28	18A85A0240	POKANATI LAKSHMI DURGA PRASAD	MR. V. PRADEEP	VEHICLE TO GRID TECHNOLOGY IN A MICRO GRID USING DC FAST CHARGING ARCHITECTURE
	17A81A0265	RENDUCHINTALA PADMASREE		
	18A85A0237	NALLIMILLI RAMESH REDDY		
	17A81A0274	VALLABHANENI RAJA SAI		
29	17A81A0276	VEPUGANTI PUSHPA CHANDRA MOULIKA	MR. CH. SRINIVAS	IMPROVEMENT OF VOLTAGE GAIN BY HIGH STEPUP QUASIZ - SOURCE DC-DC CONVERTER WITH SINGLE SWITCHED CAPACITOR BRANCH
	17A81A0242	ANISETTI SATYA MOUNIKA		
	18A85A0259	CHEEDAY LEELA SAI TEJA		
	17A81A0258	NATHA BHARATH		
30	17A81A0245	CHINNAM PAVANI SATYA	MR. M. M. SWAMI NAIDU	AN IMPROVED PID CONTROLLER USING FUZZY LOGIC FOR SPIC CONVERTER
	18A85A0249	TADIMALLA GUNA SAI TEJA		
	18A85A0257	YENUGUPALLI YESHWANTH		
	17A81A0263	PENUMAKA MURALI		
	18A85A0258	BOCHA PAVAN KALYAN		


Signature of the Head of the Department
Dr. Sudha Rani Donepudi, M.E., Ph.D
Head of the Department
Electrical & Electronics Engineering
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