



VOLTA

DECEMBER 2021
ISSUE NO 6

DEPARTMENT OF ELECTRICAL
ENGINEERING

NO.6



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INSTITUTE VISION AND MISSION



INSTITUTE VISION

TO BE A GLOBAL LEADER IN IMPARTING QUALITY TECHNICAL EDUCATION TO PRODUCE COMPETENT, TECHNICALLY INNOVATIVE ENGINEERS IMBIBED WITH RESEARCH APTITUDE, ENTREPRENEURSHIP AND SOCIAL RESPONSIBILITY.

INSTITUTE MISSION

1. TO NURTURE THE STUDENTS WITH FUNDAMENTAL ENGINEERING KNOWLEDGE ENRICHED WITH TECHNICAL SKILLS.
2. TO CREATE CONDUCIVE ENVIRONMENT TO NURTURE INNOVATION AND INTERDISCIPLINARY RESEARCH.
3. TO DEVELOP PROFESSIONALS THROUGH INNOVATIVE PEDAGOGY FOCUSING ON INDIVIDUAL GROWTH, DISCIPLINE, INTEGRITY, ETHICS AND SOCIAL RESPONSIBILITY.
4. TO FOSTER INDUSTRY-INSTITUTION PARTNERSHIPS LEADING TO SKILL DEVELOPMENT AND ENTREPRENEURSHIP.

DEPARTMENTAL VISION AND MISSION

VISION

TO BE A CENTRE OF ACADEMIC EXCELLENCE FOR IMPARTING PROFESSIONAL COMPETENCE IN THE CORE AREAS OF ELECTRICAL AND ELECTRONICS ENGINEERING TO CONTRIBUTE VALUE TO THE KNOWLEDGE BASED ECONOMY AND SOCIETY.

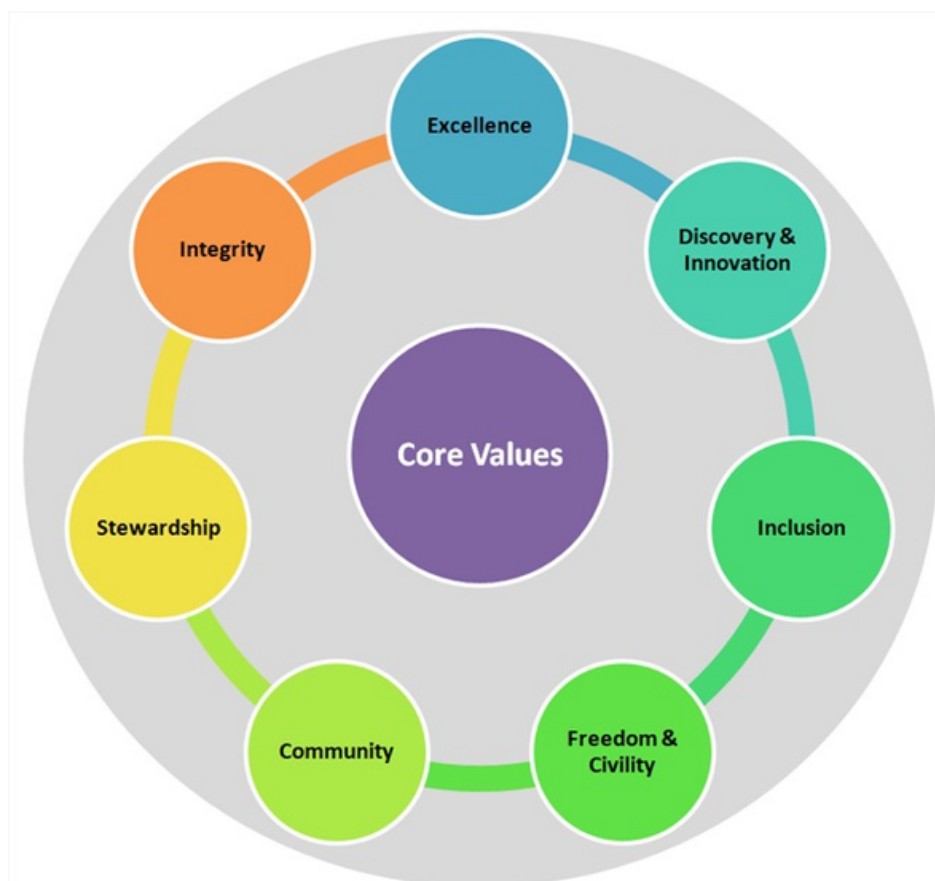
MISSION

M1: TO DELIVER TECHNICALLY COMPETENT AND PROFESSIONALLY ETHICAL ELECTRICAL AND ELECTRONICS ENGINEERS

M2: TO PROVIDE STATE OF THE ART LABORATORIES WITH MODERN EQUIPMENT FOR PRACTICAL EXPOSURE TO THE STUDENTS

M3: TO DEVELOP HUMAN POTENTIAL TO ITS FULLEST EXTENT SO THAT INTELLECTUALS CAPABLE OF BEING AN ASSET TO THE COUNTRY CAN EMERGE.

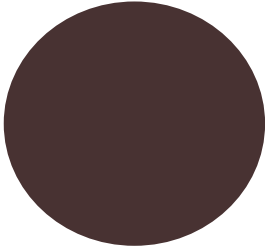
M4: TO ADVANCEMENT OF THE FRONTIERS OF KNOWLEDGE IN ELECTRICAL ENGINEERING AND TO PROVIDE THE STUDENTS WITH A STIMULATING AND REWARDING LEARNING EXPERIENCE



CREDITS / ACKNOWLEDGEMENTS

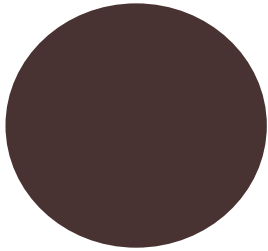
OUR ESTEEMED INSTITUTION IS HONOURED TO SHOWCASE THE TALENTS OF OUR STUDENTS IN ALL WALKS OF LIFE.

OUR INSTITUTION ALSO HONOURS THE CONTRIBUTIONS OF THE FOLLOWING STUDENTS:



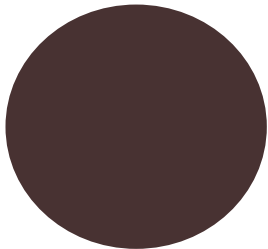
GOLLA ABHISHEK

II YEAR



RAHIL AHMED

I YEAR



B.NAVYA

III YEAR

CHAIRMAN'S ADDRESS

I AM GREATLY DELIGHTED AT THE PUBLICATION OF THE MAIDEN ISSUE OF "VOLTA" WHICH IS THE ANNUAL MAGAZINE OF DR.K.V.SUBBAREDDY INSTITUTE OF TECHNOLOGY. THIS HAS BEEN A LONGSTANDING DESIRE OF THE COLLEGE MANAGEMENT AND OTHER INTERESTED STAKE HOLDERS. WE NEED TO CELEBRATE THIS DAY, WHEN THIS LONGSTANDING DESIRE HAS COME TO FRUITION. ALSO, A WORD OF CREDIT AND HEARTY CONGRATULATIONS GOES OUT TO ALL THOSE WHO PUT IN SINCERE EFFORTS TO MAKE THIS DESIRE A REALITY.



DR.K.V.SUBBAREDDY

WE SEE THIS INITIATIVE AS A PLATFORM TO DEVELOP AND SHOWCASE THE CREATIVE SKILLS AND ABILITIES OF STUDENTS...AN OPPORTUNITY FOR STUDENTS, TEACHERS, PARENTS AND ALUMNI TO COME TOGETHER AND EXPRESS THEIR THOUGHTS AND EXCHANGE THEIR IDEAS....AN OPPORTUNITY FOR STUDENTS FOR TEAM WORK AND ASSUMPTION OF LEADERSHIP ROLES WITH FOCUS ON TIME MANAGEMENT AND TIME BOUND COMPLETION OF SCHEDULED PROJECTS.

TWENTY FIRST CENTURY EDUCATION IS NOT ABOUT LEARNING OF FACTS (FOR WHICH WE HAVE GOOGLE TODAY AS AN OMNIPRESENT AID) BUT MORE ORIENTED ON DEVELOPMENT OF CRITICAL THINKING, LOGICAL REASONING, AND PROBLEM-SOLVING SKILLS AND APPLICATION ORIENTATION OF GAINED KNOWLEDGE. IT IS ALSO ABOUT DEVELOPMENT OF SOCIAL SKILLS AND SKILLS LIKE SEAMLESSLY WORKING IN A TEAM, DEVELOPMENT OF LISTENING AND COMMUNICATIONS SKILLS AND OTHER CREATIVE SKILLS LIKE LEADERSHIP, TIME MANAGEMENT AND INTER-PERSONAL RELATIONSHIP BUILDING.

CORRESPONDENT'S ADDRESS

BEFORE START, I AM GRATEFUL FOR THE OPPORTUNITY TO CONTINUE WORKING IN A ROLE WHERE I CAN COLLABORATE WITH DEPARTMENTS WITHIN THE DR.KVSRIT, ACROSS THE COLLEGE AND THE COMMUNITY WE SERVE, TO CONTINUE TO MEET OUR ACADEMIC PLAN, GROWTH STRATEGY AND THE COLLEGE'S VISION AND MISSION.

I HAVE SEEN THE PROGRESS MADE BY THE EFFORTS OF OUR FACULTY, IT IS PROMISING AND MOTIVATING. THE ENGINEERING WING EXPANSION HAS BEEN COMPLETED, WE ARE NOW HOME TO A CUTTING EDGE FACILITY WITH UNIQUE TECHNOLOGICAL FEATURES THAT INTRODUCES

OUR STUDENTS TO THE FUTURE. I AM GLAD THAT THIS MONTH IS A TIME OF CLEAR ACHIEVEMENTS. I WOULD ALSO LIKE TO REITERATE OUR GOALS AS A COMMUNITY, "COLLEGES AND UNIVERSITIES WILL DRIVE CREATIVITY, INNOVATION, KNOWLEDGE AND COMMUNITY ENGAGEMENT THROUGH TEACHING AND RESEARCH.

THEY WILL PUT STUDENTS FIRST BY PROVIDING THE BEST POSSIBLE LEARNING EXPERIENCE FOR ALL QUALIFIED LEARNERS IN AN AFFORDABLE AND FINANCIALLY SUSTAINABLE WAY, ENSURING HIGH QUALITY, AND GLOBALLY COMPETITIVE OUTCOMES FOR STUDENTS



Smt.K.VIJAYA LAKSHMAMMA

TWENTY FIRST CENTURY EDUCATION IS NOT ABOUT LEARNING OF FACTS (FOR WHICH WE HAVE GOOGLE TODAY AS AN OMNIPRESENT AID) BUT MORE ORIENTED ON DEVELOPMENT OF CRITICAL THINKING, LOGICAL REASONING, AND PROBLEM-SOLVING SKILLS AND APPLICATION ORIENTATION OF GAINED KNOWLEDGE. IT IS ALSO ABOUT DEVELOPMENT OF SOCIAL SKILLS AND SKILLS LIKE SEAMLESSLY WORKING IN A TEAM, DEVELOPMENT OF LISTENING AND COMMUNICATIONS SKILLS AND OTHER CREATIVE SKILLS LIKE LEADERSHIP, TIME MANAGEMENT AND INTER-PERSONAL RELATIONSHIP BUILDING.

PRINCIPAL'S ADDRESS

THE RESPONSIBILITY ENTRUSTED UPON MY SHOULDERS I INTEND TO FULFIL THE SAME, ANTICIPATING THE FUTURISTIC REQUIREMENTS OF STUDENTS AND TEACHERS ALIKE.

EDUCATION IS A MORALLY HUMBLING AFFAIR. IF ONE WANTS TO IMPART EDUCATION, ONE MUST BE READY TO OVERCOME EVERY OBSTACLE THAT MAY BE FACED ALONG THE WAY.

OUR INSTITUTION AIMS TO MAINTAIN A PHILANTHROPICAL APPROACH LEADING TO NEW IDEAS AND NURTURING TALENTS, CRADLING A DREAM WAITING TO BE CONVERTED INTO REALITY.

DON'T BE AFRAID TO FAIL, IF YOU DON'T FAIL THAT MEANS YOU AREN'T TRYING NEW IDEAS AND TECHNIQUES.

"IF I HAVE SEEN FURTHER THAN OTHERS IT IS BY STANDING ON THE SHOULDERS OF A GIANT"

THE ABOVE WORDS ARE WRITTEN BY ISAAC NEWTON AND IT IS A SAYING I DULY LIVE BY.

AS ROBERT FROST ONCE WROTE, "I TRAVELLED THE ROAD LESS TAKEN AND THAT HAS MADE ALL THE DIFFERENCE..." I MUST EMPHASIZE ON HOW IMPORTANT IT IS THAT WE THINK OUT OF THE BOX AND LET OTHERS DO THE SAME.



DR.L.THIMMAIAH

IF YOU WISH TO SCORE HIGH, WE MUST BE READY TO TAKE THE VIEW IN ALL ITS UNIMAGINABLE TERMS. WE INTEND TO INCULCATE THIS CONFIDENCE IN OUR PRIMARY STAKE HOLDERS ENHANCING THEIR SKILLS IN ALL ASPECTS.

OUR FURTHER ATTEMPT IS TO START WITH THEATRE FOR COLLEGE STUDENTS AND DEVELOPING A GAME ZONE.

WE HAVE ADDED A NEW STREAM 'DATA SCIENCE AND ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING' TO OUR COLLEGE.

I TAKE THIS OPPORTUNITY IN INTRODUCING THE SUBJECTS OF ENGINEERING IN OUR 'DR.K.V.SUBBAREDDY INSTITUTE OF TECHNOLOGY 'IN THE UPCOMING ACADEMIC YEAR.

HEAD OF THE DEPARTMENT ADDRESS

DR.K.V.SUBBAREDDY INSTITUTE OF TECHNOLOGY IS RELEASING ITS DEPARTMENT NEWS LETTER "WLA". I WOULD LIKE TO EXPRESS MY SINCERE APPRECIATION TO FACULTY AND EDITOR FOR THEIR EFFORTS AND DEDICATION INTO A MODERN AND ACCESSIBLE MODE OF COMMUNICATION WITH THE STUDENTS' COMMUNITY. IT IS ALWAYS A PROUD MOMENT IN THE LIFE OF THE SCE THAT ITS DEPARTMENTS CELEBRATE SUCH OCCASIONS. APART FROM PROVIDING THE QUALITY EDUCATION, WE CRAVING TO PROVIDE OUR STUDENTS A HOLISTIC LEARNING EXPERIENCE FOR LIFE. ACADEMIC EXCELLENCE ALONG WITH CO-CURRICULAR AND EXTRA CO-CURRICULAR ACTIVITIES COMPLETE THE PROCESS OF EDUCATION. IT GIVES ME GREAT SATISFACTION THAT SCE IS MAKING PROGRESS IN ALL ITS ENDEAVORS TOWARDS THE OVERALL DEVELOPMENT OF THE STUDENTS. AS I LOOK AHEAD, I CAN VISUALIZE THAT THE COLLEGE WILL GROW IN PURSUIT OF HIGHER STANDARDS OF TEACHING, RESEARCH, AND MAY LEAD TO SHAPE MY DREAMS. IT WILL CONTINUE TO SERVE A SIGNIFICANT ROLE IN HIGHER EDUCATION AND IN THE SERVICE OF THE COUNTRY. MY BLESSINGS AND GOOD WISHES WILL ALWAYS BE WITH THE EEE DEPARTMENT. MAY GOD GIVE STRENGTH TO SEE THIS DEPARTMENT AND COLLEGE FLOURISHING!



DR.S.VIJAYA KUMAR

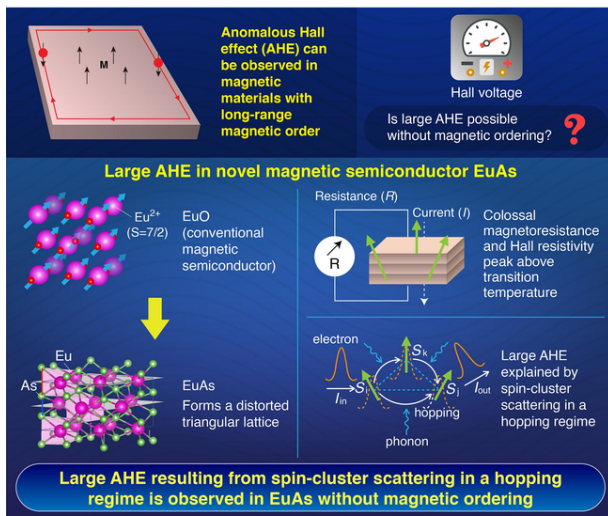
ARTICLES (FACULTY)



M. Madhusudhan Reddy

Associate Professor

Anomalous Hall Effect above Magnetic Ordering Temperature



A LARGE, UNCONVENTIONAL ANOMALOUS HALL RESISTANCE IN A NEW MAGNETIC SEMICONDUCTOR IN THE ABSENCE OF LARGE-SCALE MAGNETIC ORDERING HAS BEEN DEMONSTRATED BY TOKYO TECH MATERIALS SCIENTISTS, VALIDATING A RECENT THEORETICAL PREDICTION. THEIR FINDINGS PROVIDE NEW INSIGHTS INTO THE ANOMALOUS HALL EFFECT, A QUANTUM PHENOMENON THAT HAS PREVIOUSLY BEEN ASSOCIATED WITH LONG-RANGE MAGNETIC ORDER.

CHARGED PARTICLES SUCH AS ELECTRONS CAN BEHAVE IN INTERACTING WAYS WHEN MOVING UNDER THE INFLUENCE OF ELECTRIC AND MAGNETIC FIELDS. FOR INSTANCE, WHEN A MAGNETIC FIELD IS APPLIED PERPENDICULAR TO THE PLANE OF A CURRENT-CARRYING CONDUCTOR, THE ELECTRONS FLOWING WITHIN START TO DEVIATE SIDWAYS DUE TO MAGNETIC FORCE AND SOON ENOUGH, A VOLTAGE DIFFERENCE APPEARS ACROSS THE CONDUCTOR. THIS PHENOMENON IS FAMOUSLY CALLED THE "HALL EFFECT." HOWEVER, THE HALL EFFECT DOES NOT NECESSARILY REQUIRE FIDDLING WITH MAGNETS. IN FACT, IT CAN BE OBSERVED IN MAGNETIC MATERIALS WITH LONG-RANGE MAGNETIC ORDER, SUCH AS FERROMAGNETS, FOR FREE!

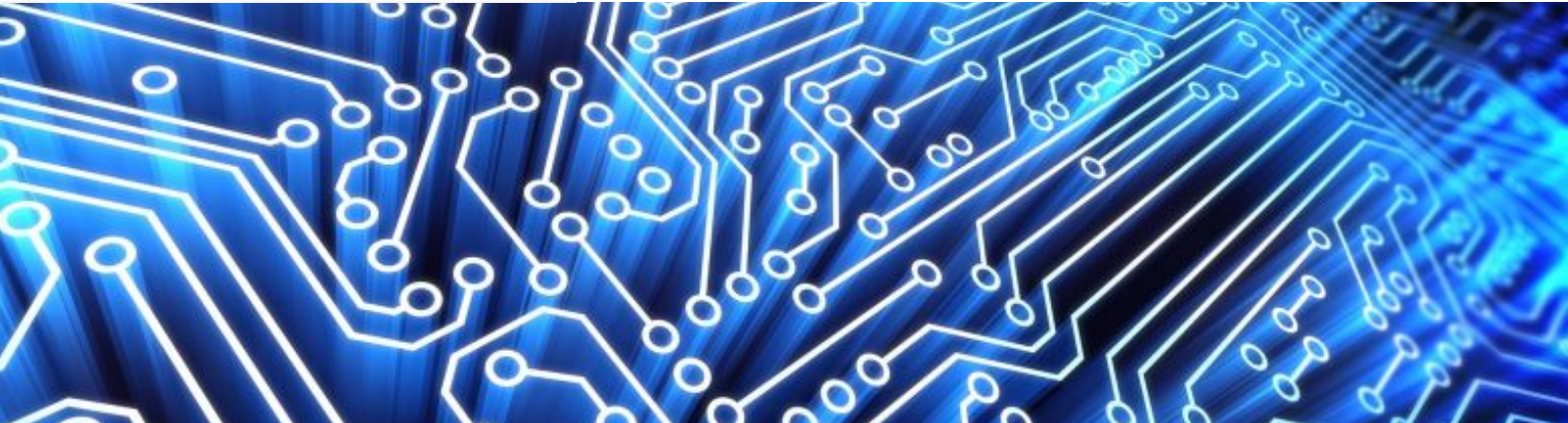
NAMED "ANOMALOUS HALL EFFECT" (AHE), THIS PHENOMENON APPEARS TO BE A CLOSE COUSIN OF THE HALL EFFECT. HOWEVER, ITS MECHANISM IS WAY MORE INVOLVED. CURRENTLY, THE MOST ACCEPTED ONE IS THAT THE AHE IS PRODUCED BY A PROPERTY OF THE ELECTRONIC ENERGY BANDS CALLED "BERRY CURVATURE," WHICH RESULTS FROM AN INTERACTION BETWEEN THE ELECTRON'S SPIN AND ITS MOTION INSIDE THE MATERIAL, MORE COMMONLY KNOWN AS "SPIN-ORBIT INTERACTION."

ARTICLES (FACULTY)



K.Mahesh

Assistant Professor

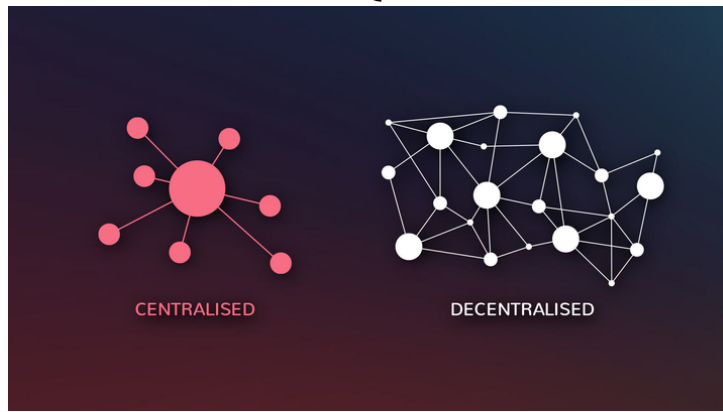


A CIRCUIT ELEMENT REFERS TO AN ELECTRICAL COMPONENT UTILIZED TO REGULATE AND GUIDE THE FLOW OF ELECTRICITY WITHIN AN ELECTRICAL CIRCUIT. THE TRADITIONAL THREE CIRCUIT ELEMENTS ARE THE RESISTOR, CAPACITOR, AND INDUCTOR. RECENTLY, WITHIN THE PAST 15 YEARS, TWO ADDITIONAL CIRCUIT ELEMENTS, THE MEMRISTOR, AND THE MEMCAPACITOR, HAVE BEEN DISCOVERED. THESE NEWER CIRCUIT COMPONENTS ARE REFERRED TO AS THE “MEM-” VERSIONS OF THEIR CLASSICAL COUNTERPARTS AND EXHIBIT UNIQUE CURRENT AND VOLTAGE PROPERTIES THAT DEPEND ON PREVIOUS VALUES OF CURRENT OR VOLTAGE IN TIME, ACTING LIKE A MEMORY.

“THOSE TWO DISCOVERIES SET THE WORLD A LITTLE BIT ON ITS HEAD AS FAR AS ELECTRICAL ENGINEERING,”. “ALL OF A SUDDEN, WE THOUGHT WE HAD THREE, BUT NOW WE FOUND THESE TWO OTHERS. AND SO THAT LED US TO THINK, ‘OK, THERE’S GOT TO BE MORE THEN, BUT HOW DO WE UNDERSTAND WHAT THEY ARE? HOW DO WE MAP ALL OF THESE THINGS RELATIVE TO EACH OTHER?’ AND IT TURNS OUT, THERE IS A RELATIONSHIP BETWEEN EACH OF THE RESISTORS AND ITS FAMILY AND EACH OF THE CAPACITORS AND ITS FAMILY.”

A TWO-TERMINAL PASSIVE SYSTEM — COMPRISED PRIMARILY OF AN ELECTROMAGNET INTERACTING WITH A PAIR OF PERMANENT MAGNETS — TO EXAMINE THE MAGNETIC FLUX DENSITY AND MAGNETIZING FIELD STRENGTH OF THE INDUCTOR CIRCUIT ELEMENT. WITH THE HELP OF THIS TOOL, HARRIS WAS ABLE TO PROVE THE EXISTENCE OF THE PINCHED HYSTERESIS CURVE WITHIN THE INDUCTOR LEADING TO ITS MEM- STATE, OR MEMORY-LIKE NATURE, BY THE SAME DEFINITION THAT THE MEMRISTOR AND MEMCAPACITOR WERE REALIZED.

ARTICLES (STUDENT)



DECENTRALIZED POWER GENERATION IS A NECESSITY

OF LARE INDIA HAS EXPERIENCED SEVERAL CYCLONES, WHEN THE POWER SYSTEMS GOR BADLY AFFECTED, AND THERE IS NO DEATH OF EXAMPLES WHERE IN TOOK MORE OR LESS A WEEK TO RESTORE THE POWER SUPPLY AS FAR AS THE CENTRALISED POWER SYSEM IS CONCERNED, SUCH STUATIONS NOT ONLY POSE CHALLENGES TO THE POWER DISTRIBUANNNS BURT ALSO THE POWER GENERATION COMPANIES ARE AFFECTED BY THESE UNFORESEEN NATURAL DISASTERS

ALSO, IN THIS PHASE OF COVID-19 PANDEMIC, MANUAL COLLECTION OF MEER READINGS FROM ALL END-USERS' PLACES IN A BAG ON-GOING CHALLENGE. ALTHOUGH WE HAVE STARTED DEPLOYING SMART METERS IN THE COUNTRY THAT WILL GRADUALLY ELIMINASE THE NEED FOR PHYSICAL THECLANG OF THE METERS OPPIENELY, IT IS SOLL AS THE NASCENT SEAGE

IN SUCH CIRCUMSTANCES MALISE THE APPROPRIARENESS OF THE CONCEPT OF DECENTRALISED POWER GENERARION. IN FACT, IN A COUNTRY OF VASE GEOGRAPHICAL EXPANSE LIKE INDIA, DECENTRAISED POMER SEEMS CAN TRULY CEFFER SOME VERY TANGIBLE BENEFITS. SMALL IS BEAUUÑAL, AND PARTICULARLY IN THIS CONTEXT, SOLVING LOCAL PROBLEMS LOCALLY WILL NOT ONLY SPEED UP SHE RESTORANEN WORK, STAG UNNECESSARY LONG-DISTANCE MOVEMENT OF TECHNICAL PERSONNEL AND HELP THE E GROWTH OF LOCAL ECONOMY THOUGH CREATION AS WELL AS BOOSING OF THE LOCAL EMPLOYMENT OF COURSE, WHEN I DECENTRALIZED POWER GENERASON, 1 PARUCULARLY EMPHASIZE O

SOLAR POWER GENERATION, STUCH WILL ALSO MAUGARE AIR POLLUNO SUPPRES IN FACT, TOWARDS THE SUM OF THE PANSOUS YEAR SVAN HOGLE. PREMADENS, CLEAN, A NON-PROER ORGANISASON COMMUNED TO UNIFY AND GROW THE DECEMAINED RECENSIE ENES (DRE IN INDIA, SAD. THICH COVID-19 SALONG IS TEL EN CLEAN MEMBERS EMPLOYMERIZ HAS DROPPED AND SO HAS THE POUNXIAL AND NEED FOR DECENDED SOLUTIONS HAS NEVER BEEN GREATER

EVENTS AND ORGANISATIONS



Industrial Visit To Srisailem Right Bank Power House Project



Work Shop on Power Electronics & Applications



A Guest Lecture on Electrical Machine Design

STUDENTS ACHIEVEMENTS

STUDENTS ACHIEVEMENTS OF DEPARTMENT OF EEE

S No	Batch No./Guide	Roll No.	Name(s) of the Students	Title of the Project	ProjectType
1	Dr S Vijaya Kumar Professor	17FH1A0206	M Raghavendra	A Four Switch Three Phase Sepic Based Inverter	Design & Simulation
		17FH1A0207	M Surya Prakash		
		17FH1A0210	S Giri Babu		
		18FH5A0202	J Sai Jyothi		
2	S Thirumalaiah Assistant Professor	18FH5A0208	V. Vamsi Krishna	An Improved Hybrid Dsta tcom Topology To Compensate Reactive And Non Linear Load s	Design & Simulation
		18FH5A0203	B Nagamani		
		18FH5A0204	K Veeresh		
		18FH5A0206	K Kullayappa		
		15FH1A0219	P Manish Kumar		
3	S Masum Basha Assistant Professor	17FH1A0202	D Jagadeesh	Single And Two Stage Inverter Based Grid Connected Photovoltaic Power Plants With Ride Through Ca pability UnderGrid Fa ults	Design & Simulation
		17FH1A0208	M Srianjaneyudu		
		18FH5A0201	V Bharathi		
		18FH5A0207	K Raghu		
4	M Madusudhan Reddy Assistant Professor	17FH1A0209	N Vikas	A Single Phase Active Device For Power Quality Improvement Of Electrified Transportation	Design & Simulation
		17FH1A0201	R Sowjanya		
		17FH1A0203	G Ramesh		
		17FH1A0204	K Shabbir		
		18FH5A0205	P Mohammed Rafi		

FACULTY ACHIEVEMENTS

FACULTY ACHIEVEMENTS OF DEPARTMENT OF EEE

S.No	Title of the Paper	Name of the Author	Name of the Journal	Year of Published	ISSN Number	Link to the recognition in UGC enlishment of the journal
1	CONSTANT CURRENT FUZZY LOGIC CONTROLLER FOR GRID CONNECTED ELECTRIC VEHICLE CHARGING	S. VIJAYA KUMAR	Journal of Nonlinear Analysis and Optimization	2020	1906-9685	https://jnao-nu.com/Vol.%2011,%20Issue.%2001,%20January-June%20-%202020.html (https://jnao-nu.com/Vol.%2011,%20Issue.%2001,%20January-June%20-%202020.html)
2	Electric Vehicle Application Based Fuzzy with Vector Control Controlled High Speed SRM	TIRUPATI REDDY GADDAM	Turkish Journal of Computer and Mathematics Education	2020	doi.org/10.61841/turcomat.v11i2.14441 (https://doi.org/10.61841/turcomat.v11i2.14441)	https://turcomat.org/index.php/turkbilmat/article/view/14441.html (https://turcomat.org/index.php/turkbilmat/article/view/14441.html)
3	Closed Loop Control of Bidirectional Buck-Boost Converter in A Smart Grid Using Photovoltaic and Energy Storage Systems	S. THIRUMALAI AH	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i1.14442 (https://doi.org/10.61841/turcomat.v11i1.14442)	https://turcomat.org/index.php/turkbilmat/article/view/14442 (https://turcomat.org/index.php/turkbilmat/article/view/14442)
4	UPFC Based Multilevel Cascade Converter for Power Quality Improvement in Dc System	M. MADHUSUDHAN REDDY	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i3.14440 (https://doi.org/10.61841/turcomat.v11i3.14440)	https://turcomat.org/index.php/turkbilmat/article/view/14440 (https://turcomat.org/index.php/turkbilmat/article/view/14440)
5	Speed Control of Dc Motor Using Isolated Dc-Dc Converter	K. MAHESH	International Journal of Food and Nutritional Sciences	2021	2320 1775	https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021 (https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021)
6	Closed Loop Control of Bidirectional Buck-Boost Converter in A Smart Grid Using Photovoltaic and Energy Storage Systems	S. VIJAYA KUMAR	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i1.14442 (https://doi.org/10.61841/turcomat.v11i1.14442)	https://turcomat.org/index.php/turkbilmat/article/view/14442 (https://turcomat.org/index.php/turkbilmat/article/view/14442)
7	Electric Vehicle Application Based Fuzzy with Vector Control Controlled High Speed SRM	S. MASUM BASHA	Turkish Journal of Computer and Mathematics Education	2020	doi.org/10.61841/turcomat.v11i2.14441 (https://doi.org/10.61841/turcomat.v11i2.14441)	https://turcomat.org/index.php/turkbilmat/article/view/14441 (https://turcomat.org/index.php/turkbilmat/article/view/14441)

UPFC Based Multilevel Cascade Converter for Power Quality Improvement in Dc System	V. NIRMALA DEVI	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i3.14440 (https://doi.org/10.61841/turcomat.v11i3.14440)	https://turcomat.org/index.php/turkbilmat/article/view/14440 (https://turcomat.org/index.php/turkbilmat/article/view/14440)
Closed Loop Control of Bidirectional Buck-Boost Converter in A Smart Grid Using Photovoltaic and Energy Storage Systems	P. INDUSREE	Turkish Journal of Computer and Mathematics Education	2020	https://doi.org/10.61841/turcomat.v11i1.14442 (https://doi.org/10.61841/turcomat.v11i1.14442)	https://turcomat.org/index.php/turkbilmat/article/view/14442 (https://turcomat.org/index.php/turkbilmat/article/view/14442)
Speed Control of Dc Motor Using Isolated Dc-Dc Converter	A. RAJA BABU	International Journal of Food and Nutritional Sciences	2021	2319 1775	https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021 (https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021)
Speed Control of Dc Motor Using Isolated Dc-Dc Converter	D. DAVID LIVINGSTONE	International Journal of Food and Nutritional Sciences	2021	2319 1775	https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021 (https://ijfans.org/issue?volume=Volume%2010&issue=Issue%201&year=2021)
CONSTANT CURRENT FUZZY LOGIC CONTROLLER FOR GRID CONNECTED ELECTRIC VEHICLE CHARGING	D. TULASI MANASA	Journal of Nonlinear Analysis and Optimization	2020	1906-9685	https://jnao-nu.com/Vol.%2011,%20Issue.%2001,%20January-June%20-%202020.html (https://jnao-nu.com/Vol.%2011,%20Issue.%2001,%20January-June%20-%202020.html)
Electric Vehicle Application Based Fuzzy with Vector Control Controlled High Speed SRM	D. DAVID LIVINGSTONE	Turkish Journal of Computer and Mathematics Education	2020	doi.org/10.61841/turcomat.v11i2.14441 (https://doi.org/10.61841/turcomat.v11i2.14441)	https://turcomat.org/index.php/turkbilmat/article/view/14441 (https://turcomat.org/index.php/turkbilmat/article/view/14441)
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PLACEMENTS

PLACEMENTS SECURED BY STUDENTS OF DEPARTMENT OF EEE

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	RAMISETTY SOWJANYA	17FH1A0201	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/01
2	DAMPETLA JAGADEESH	17FH1A0202	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/02
3	KATTUBADI SHABBIR	17FH1A0204	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/03
4	MACHANI RAGAVENDRA	17FH1A0206	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/04
5	MALLELA SURYAPRAKASH	17FH1A0207	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/05
6	MEENUGA SRIANJANEYUDU	17FH1A0208	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/06
7	VADLA BHARATHI	18FH5A0201	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/07
8	JILAKARA SAJYOTHI	18FH5A0202	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/08
9	BANGI NAGAMANI	18FH5A0203	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/09
10	KODAGANTI VEERESH	18FH5A0204	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/10
11	U K VAMSIKRISHNA	18FH5A0208	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/11
12	PEESY MANISH KUMAR	18FH5A0209	Sintex BAPL ltd TAMILARASAN	HRDSIN/KVS/2021/12



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VOLUME 6