

Annual Magazine

■ **Lakshya
2K24**

MARCH 6th & 7th

■ **Electrical
& Electronics
Engineering**



lendi 
Autonomous

**Institute of
Engineering &
Technology**



INSTITUTION

VISION

PRODUCING GLOBALLY COMPETENT AND QUALITY TECH-
NOCRATS WITH HUMAN VALUES FOR THE HOLISTIC NEEDS
OF INDUSTRY AND SOCIETY.

MISSION

- CREATING AN OUTSTANDING INFRASTRUCTURE AND PLATFORM FOR ENHANCEMENT OF SKILLS, KNOWLEDGE AND BEHAVIOUR OF STUDENTS TOWARDS EMPLOYMENT AND HIGHER STUDIES.
- PROVIDING A HEALTHY ENVIRONMENT FOR RESEARCH, DEVELOPMENT AND ENTREPRENEURSHIP, TO MEET THE EXPECTATIONS OF INDUSTRY AND SOCIETY.
- TRANSFORMING THE GRADUATES TO CONTRIBUTE TO THE SOCIO-ECONOMIC DEVELOPMENT AND WELFARE OF THE SOCIETY THROUGH VALUE BASED EDUCATION.

DEPARTMENT OF EEE

VISION

TO BE A CENTER OF EXCELLENCE IN IMPARTING KNOWLEDGE, SKILLS AND ETHICAL VALUES, WHILE FOSTERING INNOVATION, SUSTAINABILITY AND GLOBALLY COMPETENT TO MAKE EXEMPLARY CONTRIBUTIONS TO THE FIELD OF ELECTRICAL AND ELECTRONICS ENGINEERING

MISSION

- TO IMPART TECHNICAL EDUCATION USING STATE-OF-THE-ART INFRASTRUCTURE, LABORATORIES AND INSTRUCTIONAL METHODS ENSURING STUDENTS ACQUIRE COMPREHENSIVE KNOWLEDGE AND SKILLS.
- TO FOSTER INDUSTRY-ORIENTED LEARNING BY FACILITATING INTERNSHIPS, INDUSTRIAL VISITS, COLLABORATIVE PROJECTS WITH INDUSTRIES.
- TO CREATE A CONGENIAL ENVIRONMENT FOR HIGHER EDUCATION, EMPLOYMENT AND ENTREPRENEURSHIP BY DELIVERING QUALITY EDUCATION, ENHANCING PROFESSIONAL SKILLS AND PROMOTING RESEARCH AND INNOVATION.
- TO PROMOTE SOCIETAL COMMITMENT AND ETHICAL LEADERSHIP BY INSTILLING MORAL VALUES AND ENCOURAGING RESPONSIBLE ENGINEERING PRACTICES AMONG STUDENTS.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- *Graduates will possess a strong foundation in core and interdisciplinary areas of Electrical and Electronics Engineering along with analytical and computational skills, enabling them to tackle global challenges through innovative and critical problem-solving.*
- *Graduates will actively engage in research, entrepreneurship, and innovation to address contemporary challenges in Electrical and Electronics Engineering while promoting sustainable and inclusive technological development for the betterment of society.*
- *Graduates will exhibit effective communication skills, collaborative abilities, and ethical values, preparing them for successful careers, higher education, and leadership roles in a rapidly evolving competitive environment.*

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Capable of design, develop, test, verify and implement electrical and electronics engineering systems and products.

PSO2: Succeed in national and international competitive examinations for successful higher studies and employment.

PROGRAM OUTCOMES (POs)

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

ABOUT LAKSHYA

"Lakshya is a platform which brings your ideas to life where innovations meet nature to expose your talents". LAKSHYA – "Lendi's Association of Knowledgeable Sportive Humanistic Youthful Artistic" Students of EEE. The Lakshya has incorporated in the year 2010 by the department of EEE, Lendi Institute of Engineering and Technology. During these 13 years of journey the Lakshya event has made itself a grand success. The main motto of Lakshya is "To leadership skills". Owing to the interpersonal skills of students, Lakshya is making a positive move in that arena. Lakshya also encourages each and every individual to their creative thinking. Apart from academics, it provides a determination for students to make themselves as a responsible citizen. Lakshya itself is becoming one of the best part-in to cheer up the entity of every student. The Department of EEE at LENDI Institute of engineering and technology is celebrating "LAKSHYA 2K24" on March 6th & 7th at the college campus.

Events that make up the symposium are as follows:

PROJECT EXPO – An event that makes the students to explore their innovative ideas.

PAPER PRESENTATION & POSTER PRESENTATION – An event that makes the student to get a clear picture on the technical stuff.

SPOT EVENTS (JAM, PHOTOGRAPHY, VIDEO CREATIONS etc..) – An event that provides a good platform for developing quick thoughts.

TECHNICAL QUIZ – An event that enables the students to think out of the box.

SPORTS & CULTURAL – Builds the team work and management skills among students and provides both physical and mental relaxation.

-Magazine committee

PATRONS MESSAGES

IT GIVES ME IMMENSE PLEASURE TO NOTE THAT THAT THE DEPARTMENT OF EEE IS ORGANIZING ITS STUDENT ASSOCIATION LAKSHYA'S ANNUAL MEET FROM 6 TO 7TH MARCH 2024. I AM SURE THIS EVENT WILL DRAW TALENT FROM ALL OVER THE STUDENT'S FRATERNITY AND CREATE A GREAT LEARNING EXPERIENCE FOR ALL PARTICIPANTS. LENDI BELIEVES IN VALUE-BASED EDUCATION AND ALLOWS ENGINEERS TO STRENGTH SOCIETY ETHICALLY. SINCE ITS INCEPTION, IT IS STRIVING HARD TO MEET THIS GOAL AND I WISH THIS EVENT WOULD ALSO ADD VALUE TO THE INSTITUTION'S VISION. I APPRECIATE THE EFFORT UNDERTAKEN BY THE DEPARTMENTS EEE IN THE ORGANIZATION OF THIS EVENT AND HOPE AND THIS EVENT WILL BE A LITERARY OF HIGH STANDARDS.



SRI.P.MADHUSUDHANA RAO
CHAIRMAN



SRI.P.SRINIVASA RAO
VICE CHAIRMAN

LEARNING IS A PROCESS WHICH EXTENDS BEYOND CLASSROOMS. IN AN EFFORT TO WIDEN OUR HORIZON, IT IS NECESSARY TO TAKE PART IN EVENTS WHERE DIFFERENT PERSPECTIVES MEET AND IGNITE, RESULTING IN FRESHER AND MORE INNOVATIVE OUTCOMES. THIS STUDENT ANNUAL MEET IS NO DOUBT A PLATFORM TO EXCHANGE THE EVER-EXPANDING STYLES AND STRATEGIES IN THE FIELD OF THEIR STUDY TO BENEFIT THE STUDENTS OF THE COMING GENERATIONS. LIVELIHOOD IN THE SOCIETY IS NOT ONLY THROUGH ENTREPRENEURSHIP. FOR HAVING THAT EXPOSURE, HE WOULD USE THIS KIND OF CONVENTIONS. I ALSO CONGRATULATE THE HEAD OF THE DEPARTMENT HIS TEAM AND STUDENTS FOR THEIR EFFORTS IN ORGANIZING THIS EVENT.

LENDI HAS CARVED A NICHE IN THE FIELD OF EDUCATION IN ITS REGION. ITS QUEST FOR KNOWLEDGE AND PURSUIT OF EXCELLENCE HAS LED TO IT BECOMING ONE OF THE MOST SOUGHT-AFTER EDUCATION DESTINATIONS. THE INSTITUTION HAS BEEN HOME FOR MANY ACADEMIC AND LITERARY EVENTS WHICH HAVE ENLIGHTENED STUDENTS, FACULTY AND EDUCATIONISTS IN THEIR RESPECTIVE AREAS. THIS LAKSHYA ANNUAL STUDENTS MEET ORGANIZED BY THE DEPARTMENT OF EEE IS AN ATTEMPT TO ASSEMBLE THE LEADING EXPERTS AND LEARNERS IN THE FIELD. I APPRECIATE THE EFFORTS TAKEN BY DEPARTMENT EEE, FACULTY MEMBERS AND STUDENTS FOR THE SUCCESS AND I WISH THEM ALL THE BEST.



SRI K.SIVA RAMA KRISHNA
SECRETARY & CORRESPONDENT

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IN ADDITION TO OUR ONGOING EFFORTS TO CULTIVATE A WORLD-CLASS LEARNING ENVIRONMENT, WE ARE ALSO MINDFUL OF THE RECENT CHANGES IN EDUCATIONAL POLICIES AS PER **NEP 2020**, THAT EMPHASIZES THE HOLISTIC LEARNING AND SKILL DEVELOPMENT. THE INTEGRATION OF THE NEW EDUCATION POLICY ALIGNS SEAMLESSLY WITH OUR COMMITMENT TO INSPIRE CHANGE, FOSTER UNDERSTANDING, AND CULTIVATE KNOWLEDGE AMONG OUR STUDENTS AND THE BROADER LEARNING COMMUNITY. WE ARE DELIGHTED TO ANNOUNCE THAT OUR ANNUAL STUDENT MEET, **LAKSHYA**, STANDS AS A SIGNIFICANT MILESTONE IN THE HISTORY OF THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (EEE). THROUGH THIS EVENT, WE ASPIRE TO FACILITATE ROBUST KNOWLEDGE EXCHANGE AND ENRICHING LEARNING EXPERIENCES FOR ALL PARTICIPANTS, THEREBY EMPOWERING THEM TO CONTRIBUTE MEANINGFULLY TO THE ADVANCEMENT OF GLOBAL TECHNOLOGICAL STANDARDS. WE EXTEND OUR BEST WISHES TO THE **LAKSHYA** TEAM AS THEY EMBARK ON THIS JOURNEY OF KNOWLEDGE DISSEMINATION AND SUCCESS.



DR.V.V.RAMA REDDY
PRINCIPAL



MR.G.PRAKASH BABU
DEAN, T&P

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IT IS ALWAYS AN EXCITING MOMENT IN LIFE WHEN STUDENTS ASSOCIATION CELEBRATE SUCH TYPE OF OCCASIONS. IN CASE OF **LAKSHYA**, ITS ACTIVITY, PLANNING, EXECUTION AND THE OUTCOME ALWAYS LOOK OUTSTANDING. IT PROVIDES A PLATFORM FOR THE STUDENTS TO SHOWCASE THEIR TALENT AND TO EXPLORE THEIR TECHNICAL AND CREATIVE SKILLS BY PARTICIPATING IN CURRICULAR AND CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES. THE TRAINING & PLACEMENT CELL OF OUR COLLEGE WILL ALWAYS SUPPORT THESE TYPE OF ACTIVITIES AS THEY PROMOTE THE INTERPERSONAL SKILLS OF THE STUDENTS WHICH ARE VERY MUCH REQUIRED IN THE PRESENT SCENARIO. THEY EXPAND THEIR LEARNING OUTSIDE OF THE CLASSROOM AND MAKE GREAT CONNECTIONS TOO.

STUDENTS ASSOCIATION'S AIMS MAY INVOLVE THE PRACTICE AND PROPAGATION OF A CERTAIN PROFESSIONAL HOBBY OR CAUSE, OR TO PROMOTE PROFESSIONAL DEVELOPMENT. THEY PLAY AN IMPORTANT ROLE IN COLLEGE LIFE BY BRINGING TOGETHER LIKE-MINDED STUDENTS TO ENGAGE IN ACTIVITIES THE ASSOCIATION SEEKS TO PROMOTE. I AM DELIGHTED TO KNOW THAT THE "LAKSHYA" DEPT OF THE EEE STUDENTS ASSOCIATION IS ORGANIZING ITS ANNUAL MEET ON MARCH, 7TH 2024. IT IS ALWAYS AN EXCITING MOMENT IN LIFE WHEN STUDENTS' ASSOCIATIONS CELEBRATE SUCH OCCASIONS. IN THE CASE OF LAKSHYA, ITS ACTIVITY PLANNING, EXECUTION AND OUTCOME ALWAYS LOOK ASTOUNDING. I EXTEND MY WARMEST WISHES TO ALL THE MEMBERS OF THE ASSOCIATION. I AM SURE THAT IT WILL CONTINUE TO MAINTAIN ITS EXCELLENCE AND CHARACTER WITH GREATER DISTINCTION.



DR. T. HARI BABU
VICE PRINCIPAL (ADMINISTRATION)



PROF. K. V. NARASIMHAM
VICE PRINCIPAL (ACADEMICS)

"SOME PEOPLE DREAM OF SUCCESS WHILE OTHERS WAKE UP AND WORK". "SUCCESS ISN'T JUST ABOUT WHAT YOU ACCOMPLISH IN YOUR LIFE; IT'S ABOUT WHAT YOU INSPIRE YOURSELF AND OTHERS TO DO". IN ORDER TO BE SUCCESSFUL EVERY STUDENT OUGHT TO POSSESS THE QUALITIES OF BEING POSITIVE, BEING APPROACHABLE, AND EXPRESSING AFFIRMATIVE THOUGHTS AND FEELINGS THROUGH BOTH VERBAL AND NONVERBAL COMMUNICATION. I STRONGLY BELIEVE THAT THE REGULAR ACTIVITIES UNDERTAKEN BY "LAKSHYA" WILL DEFINITELY INCULCATE SUCH VIRTUES IN STUDENTS TO MAKE THEM EMOTIONALLY INTELLIGENT AND SELF-RELIANT. I CONGRATULATE THE TEAM "LAKSHYA" ON THEIR FLOURISHING AND RELENTLESS JOURNEY.

THE ENDEAVOUR OF CONDUCTING AN ANNUAL STUDENTS MEET ON LAKSHYA IS WORTHY OF PRAISE FOR INITIATING AND SPROUTING LITERARY, TECHNICAL AND SOCIAL ZEAL AND ENTHUSIASM AMONG THE TECHNOCRATS, STUDENTS, SCHOLARS AND TEACHERS THROUGH ORGANIZING A TWO-DAY CONVENTION HELD FROM 6 TO 7TH MARCH 2024. EDUCATION IN THE FIELD OF ELECTRICAL ENGINEERING HAS ESTABLISHED NEW AND HIGHER BENCHMARKS AND IT IS IMPERATIVE TO UPDATE AND UPGRADE ONESELF ACCORDING TO THE CURRENT NEED. MODERN LEARNERS HAVE VARYING NEEDS AND HENCE FRAMING NEW LEARNING STYLES AND STRATEGIES TO SUIT THEM ARE NECESSARY. I LAUD THE EFFORTS OF LAKSHYA TO ORGANIZE THE ANNUAL CONVENTION AND THANK ALL THE STUDENTS WITH THE HELP OF FACULTY MEMBERS THAT ARE STRIVING TO ORGANIZE IT AND WISH ALL SUCCESS.



DR. K. SUBBARAMAIAH
PROFESSOR & HOD, EEE



IT GIVES ME IMMENSE PLEASURE TO WELCOME ALL THE STUDENTS FROM VARIOUS COLLEGES TO OUR **TECHNICAL FEST "LAKSHYA-2024"** IN OUR COLLEGE. THIS FEST IS AIMED TO DEVELOP KNOWLEDGE, AWARENESS OF SOCIAL IMPLICATIONS OF THEIR RESPECTIVE DISCIPLINES, COMMUNICATIONS AND MANAGEMENT SKILLS ETC. OF ALL THE STUDENTS. I HOPE THAT THIS TECHNICAL FEST WOULD BE MUCH INFORMATIVE AND FRUITFUL TO ALL PARTICIPANTS, WHICH GIVE OPPORTUNITIES FOR STUDENTS TO DEVELOP THEIR LEVEL OF CONFIDENCE TO WORK IN ANY KIND OF ENVIRONMENT. UNDOUBTED, IT WOULD BE A GREAT BENEFIT TO THE PARTICIPANTS AND WOULD DEFINITELY ENHANCE AND STRENGTHEN THEIR SKILLS.



DR.B.V.S.ACHARYULU
PROFESSOR, DEPT.OF EEE
CO-CONVENOR

ABOUT THE DEPARTMENT

WE ARE THE POWER OF THE WORLD

Let the peace be amplified, World be rectified

Department of Electrical & Electronics engineering is started in the year 2008 with a present intake of a sum of nearly 500 students. The department is heading with an objective to develop industry ready engineers while meeting local industry needs. The department is an integral part of Lendi Institute of Engineering & Technology, Vizianagaram. Since inception the department has well experienced and committed faculty, who continuously strive for the benefit of the students and their career development. The strength of the department is its laboratory facilities besides good infrastructure. Department of EEE also has a dedicated R&D / Projects lab to carry research activities by the students and faculty. To enhance industry-institution interaction, the department has signed MOUS with reputed organizations. Faculty of the department continuously encourage/drive students to involve in industrial visits, internships and also provides various training programs to enhance the technical skills of the students.



MAGAZINE COMMITTEE



J.VIJAYCHANDRA
MAGAZINE CHIEF EDITOR



K.DINESH
MAGAZINE EDITOR



K.VEDAPRAKASH
MAGAZINE EDITOR



A.V.S.GAYATRI
ANNUAL MAGAZINE STUDENT COORDINATOR



K.DURGAVARA PRASAD
TECHNICAL MAGAZINE STUDENT COORDINATOR

MAGAZINE COMMITTEE MESSAGES

DEAR READERS,

I'M VERY DELIGHTED TO SHARE MANY THINGS THROUGH THIS ANNUAL MAGAZINE OF THE EVENT "LAKSHYA-2024". IT'S ALMOST A MONTH WORKING ON ANALYSING ALL THE CREATIVITIES AND IDENTIFYING THE BEST AMONG THEM AND PLACING THE SAME IMMEDIATELY AND STILL CHANGING THE CONTENTS INSTANTANEOUSLY IN ORDER TO RELEASE A PARTICULAR PRODUCT OUTSIDE IN THE FORM OF A MAGAZINE. I HAVE GONE THROUGH MANY ACHIEVEMENTS OF STUDENT COMMUNITY OF OUR DEPARTMENT AND I FELT REALLY HAPPY FOR THEIR HARD WORK AND ENTHUSIASM SHOWING TOWARDS ACHIEVING SOMETHING BIG. BESIDES, THE DEPARTMENT BAGGED MANY RESEARCH PUBLICATIONS AND PARTICIPATIONS IN VARIOUS TECHNICAL EVENTS. SPORTS IS THE ONE PLATFORM WHERE THE MINDS GET REACTIVATED AGAIN AND I WITNESSED THE STRENGTH OF OUR BOYS AND GIRLS AFTER EDITING ALL THE WINNING PICS. THE ACHIEVEMENTS OF STUDENTS IN ALL SECTORS ARE FABULOUS. I WISH YOU ENJOY READING THIS MAGAZINE....

THANKS & REGARDS
J.VIJAYCHANDRA



J.VIJAYCHANDRA
MAGAZINE CHIEF EDITOR

AS A STUDENT AT LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY, I HAD THE PRIVILEGE OF EXPERIENCING A NURTURING ACADEMIC ENVIRONMENT THAT NOT ONLY IMPARTED TECHNICAL KNOWLEDGE BUT ALSO INSTILLED A STRONG SENSE OF DISCIPLINE AND TEAMWORK. THE FACULTY MEMBERS WERE DEDICATED AND SUPPORTIVE, SHAPING MY EDUCATIONAL JOURNEY IN PROFOUND WAYS. AS AN ALUMNI CUM ASSISTANT PROFESSOR AT THE SAME INSTITUTION, I AM PROUD TO CONTRIBUTE TO THE GROWTH OF FUTURE ENGINEERS. IT'S FULFILLING TO GIVE BACK TO THE INSTITUTION THAT PLAYED A PIVOTAL ROLE IN SHAPING MY CAREER. BEING ON BOTH SIDES OF THE CLASSROOM HAS GIVEN ME A UNIQUE PERSPECTIVE AND DEEP APPRECIATION FOR THE INSTITUTION'S COMMITMENT TO EXCELLENCE IN EDUCATION.

THANKS & REGARDS
K.DINESH



K.DINESH
MAGAZINE EDITOR



K.VEDAPRAKASH
MAGAZINE EDITOR

FIRST OF ALL MY BEST WISHES TO ALL, I AM ALSO VERY HAPPY TO BE CELEBRATING THIS EVENT AND DOING WELL IN IT. ELECTRICAL ENGINEERING IS THE MAIN FACTOR IN THE DEVELOPMENT AND ADVANCEMENT OF TECHNOLOGY. AN ELECTRIC ENGINEER HAS THE POTENTIAL TO HANDLE THINGS FROM SCRATCH. JOB PROSPECTS ASSOCIATED WITH ELECTRICAL ENGINEERING ARE EXTENSIVE BECAUSE TODAY'S WORLD IS RUN ON ELECTRICAL ENERGY. THIS DEPENDENCY GIVES A GOLDEN CHANCE TO ELECTRICAL ENGINEERING ASPIRANTS, MAKING THE WORLD OYSTER FOR THEM. BESIDES, WITH CONSTANT DEVELOPMENT IN TECHNOLOGY, IT IS HIGHLY BENEFICIAL TO HAVE ELECTRICAL SKILLS. MINIMISING ELECTRICAL FAILURES AND ADOPTING SUSTAINABLE METHODS TO PRESERVE ENERGY IS THE LIFE MOTTO OF ANY ELECTRICAL ENGINEER. OUR COLLEGE, ESPECIALLY OUR EEE DEPARTMENT ALSO KEEPS ALL THE RESOURCES AVAILABLE TO EVERYONE, WE HOPE YOU WILL USE THEM AND GET SUCCESS, ENJOY THE EVENT LAKSHYA.

THANKS & REGARDS
K.VEDAPRAKASH



A.V.S.GAYATRI
ANNUAL MAGAZINE STUDENT COORDINATOR

I AM TRULY DELIGHTED TO BE A PART OF THE LAKSHYA MAGAZINE COMMITTEE. THIS IS AN INCREDIBLE OPPORTUNITY FOR ME TO CONTRIBUTE TO THE GROWTH AND DEVELOPMENT OF THIS ESTEEMED MAGAZINE. AS A MEMBER OF THE COMMITTEE, WE LOOK FORWARD TO ENSURING THAT THE MAGAZINE IS SUCCESSFUL IN ACHIEVING ITS GOALS AND OBJECTIVES. THE LAKSHYA MAGAZINE COMMITTEE IS MADE UP OF TALENTED INDIVIDUALS FROM DIVERSE BACKGROUNDS, EACH BRINGING THEIR OWN UNIQUE PERSPECTIVES AND IDEAS. THROUGH OUR COLLECTIVE EFFORTS, WE STRIVED TO CREATE CONTENT THAT IS INFORMATIVE, ENTERTAINING AND THOUGHT-PROVOKING. IT IS A GREAT HONOUR FOR ME TO BE A PART OF THE LAKSHYA MAGAZINE COMMITTEE.

THANKS & REGARDS
A.V.S. GAYATRI



K.DURGAVARA PRASAD
TECHNICAL MAGAZINE STUDENT COORDINATOR

"EMBRACE THE SPIRIT OF INNOVATION AND CURIOSITY AS YOU EMBARK ON THIS EXCITING JOURNEY THROUGH OUR COLLEGE'S TECHNICAL FEST. REMEMBER, EVERY CHALLENGE IS AN OPPORTUNITY FOR GROWTH, EVERY SETBACK IS A LESSON IN RESILIENCE, AND EVERY SUCCESS IS A TESTAMENT TO YOUR HARD WORK AND DEDICATION. LET YOUR CREATIVITY SOAR, AND LET YOUR PASSION DRIVE YOU TO NEW HEIGHTS. TOGETHER, LET'S MAKE THIS FEST A CELEBRATION OF INGENUITY, COLLABORATION, AND ENDLESS POSSIBILITIES. BELIEVE IN YOURSELF, PUSH YOUR BOUNDARIES, AND INSPIRE OTHERS TO DO THE SAME.

THANKS & REGARDS
K.DURGAVARA PRASAD

COMMITTEE MESSAGES



Mr.K.PRAVEEN KUMAR YADAV
LAKSHYA COORDINATOR

IT IS ALWAYS A PLEASURE TO BE A PART OF A TEAM WHICH STRIVES TO BRING OUT THE TALENTS OF STUDENTS AND STAFF AND CONGRATULATE THE TEAM THAT HAS TAKEN THE INITIATIVE FOR PRODUCING THIS MAGAZINE. IT IS GREAT TO FIND A CONSIDERABLE NUMBER OF ARTICLES, POEMS AND DRAWINGS THAT CERTAINLY PROVE THAT OUR STAFF AND STUDENTS ARE ADEQUATELY EQUIPPED. READING THIS MAGAZINE WOULD DEFINITELY BE AN INSPIRATION AND MOTIVATION FOR ALL STUDENTS AND STAFF TO CONTRIBUTE EVEN MORE TO THE FORTHCOMING ISSUES. I HOPE THAT EVERYONE WOULD CONTINUE TO GIVE THEIR FULL EFFORTS TO KEEP THE MOMENTUM AND CONTINUE TO ENHANCE THE STANDARDS OF THE MAGAZINE.

IT IS WITH GREAT JOY AND GRATITUDE THAT I SERVE AS THE PRESIDENT OF LAKSHYA 2024. THIS EVENT HOLDS A SPECIAL PLACE IN MY HEART AS IT NOT ONLY CELEBRATES OUR TALENTS BUT ALSO EMBODIES THE SPIRIT OF OUR COLLEGE COMMUNITY. LAKSHYA IS MORE THAN JUST AN EVENT, IT IS A JOURNEY OF GROWTH, LEARNING, AND CAMARADERIE. THROUGH MY ROLE, I HAVE LEARNED THE IMPORTANCE OF TEAMWORK, COMMUNICATION, AND PERSEVERANCE. I HAVE WITNESSED FIRSTHAND THE INCREDIBLE IMPACT THAT A DEDICATED TEAM CAN HAVE WHEN THEY WORK TOGETHER TOWARDS A COMMON GOAL. I AM IMMENSELY GRATEFUL TO THE DEPARTMENT AND OUR COLLEGE FOR ENTRUSTING ME WITH THIS RESPONSIBILITY. THEIR UNWAVERING SUPPORT AND GUIDANCE HAVE HELPED ME GROW INTO A MORE CONFIDENT AND CAPABLE INDIVIDUAL. I AM TRULY BLESSED TO BE SURROUNDED BY SUCH A SUPPORTIVE AND ENCOURAGING COMMUNITY.



K.SUMANTH VARMA
PRESIDENT



P. MANOHAR
VICE PRESIDENT

I'VE EXCELLED AS THE VICE PRESIDENT OF MY DEPARTMENT'S (EEE) EVENT, LAKSHYA, WHERE I'VE DEMONSTRATED EFFECTIVE LEADERSHIP IN ENSURING TASKS ARE COMPLETED AND GOALS ARE ACHIEVED. MY JOURNEY, FROM BEING A SUCCESSFUL CLASS REPRESENTATIVE TO ASSUMING THE ROLE OF VICE PRESIDENT, REFLECTS MY COMMITMENT TO SHAPING A PROMISING FUTURE. I ATTRIBUTE MUCH OF MY SUCCESS TO THE GUIDANCE AND ENCOURAGEMENT OF MY FACULTY, WHO HAVE CONSISTENTLY PUSHED ME TO STRIVE FOR EXCELLENCE.



M. BHARATH
SECRETARY

I AM BHARATH MEDABAYANA, HONOURED TO SERVE AS SECRETARY OF THE EEE DEPARTMENT FOR LAKSHYA 2024. THIS ROLE HAS BEEN A PROFOUND LEARNING EXPERIENCE, SHAPING ME IN INVALUABLE WAYS. AS SECRETARY, I MANAGE PIVOTAL TASKS LIKE MEETING MINUTES, RECORDS, AND DEPARTMENT COMMUNICATION. I ENSURE DECISIONS ARE COMMUNICATED AND IMPLEMENTED TRANSPARENTLY. THIS ROLE HAS HONED MY ORGANIZATIONAL ABILITIES AND TAUGHT ME THE IMPORTANCE OF INITIATIVE, HONESTY, AND INTEGRITY. I AM DEEPLY THANKFUL FOR THE OPPORTUNITY AND SUPPORT. TO MY JUNIORS, EMBRACE EVERY CHALLENGE AND SEIZE EVERY OPPORTUNITY. YOUR CONTRIBUTIONS ARE INVALUABLE, AND I HAVE NO DOUBT YOU WILL UPHOLD OUR LEGACY OF EXCELLENCE.



A. MARY NIKITHA
TREASURY

I ARISSETTY MARY NIKHITHA .I AM VERY GLAD TO HANDLE THE TREASURY DEPARTMENT LAKSHYA 2k24 .BEING A TREASURER I HAVE LEARNT TO PERFORM A RANGE OF RESPONSIBILITIES, SUCH AS CONDUCTING RISK MANAGEMENT ACTIVITIES RELATED TO LIQUIDITY, AND RESPONSIBILITY FOR CASH MANAGEMENT PROCEDURES AND MAKE DECISIONS REGARDING THE INVESTMENT OF EVERY PENNY AND DEVELOPING FINANCING STRATEGIES, PREPARE BUDGETS, MONITOR EXPENDITURES, AND PROVIDE ADVICE ON MATTERS OF FINANCE.

DEPARTMENT RESOURCES

ELECTRICAL MACHINES LABORATORY



POWER ELECTRONICS LABORATORY



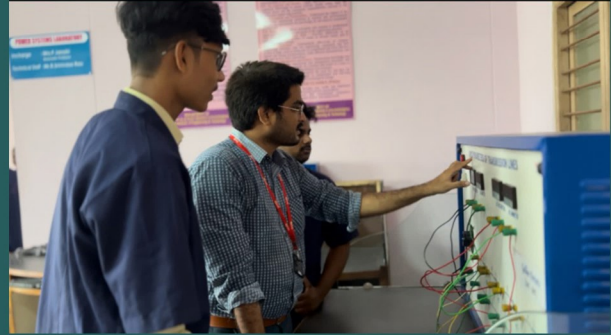
CONTROL SYSTEMS LABORATORY



ELECTRICAL MEASUREMENTS LABORATORY



POWER SYSTEMS LABORATORY



PLC LABORATORY



ECPS LABORATORY



R & D LABORATORY



VOLT 18.2—THE DEPARTMENT RADIO

VOLT 18.2 IS OUR DEPARTMENT RADIO CLUB. IT'S ALWAYS BENEFICIAL FOR STUDENTS TO HAVE EXTRACURRICULAR ACTIVITIES THAT CAN HELP THEM LEARN AND DEVELOP NEW SKILLS. RADIO CLUB CAN BE A GREAT WAY FOR STUDENTS TO GAIN EXPERIENCE IN BROADCASTING, COMMUNICATION, AND TEAMWORK. SOME ACTIVITIES THAT OUR RADIO CLUB INCLUDES ARE COVERING DEPARTMENT EVENTS, ANNOUNCEMENTS, KNOWLEDGEABLE CONTENT RELATED TO TECHNICAL BACKGROUND, REFRESHING QUOTES, ACTIVE TALKS ETC.



A RADIO CLUB FOR STUDENTS CAN PROVIDE AN EXCELLENT OPPORTUNITY FOR BUDDING RADIO ENTHUSIASTS TO LEARN AND EXPLORE THE WORLD OF BROADCASTING. THROUGH SUCH A CLUB, STUDENTS CAN GAIN HANDS-ON EXPERIENCE IN ALL ASPECTS OF RADIO PRODUCTION, FROM PROGRAMMING AND CONTENT CREATION TO TECHNICAL OPERATION AND MAINTENANCE. THEY MAY ALSO DEVELOP VALUABLE SKILLS IN CRITICAL THINKING, COMMUNICATION, AND TEAMWORK THROUGH ORGANIZING EVENTS OR CREATING SHOW PROPOSALS. SUCH CLUBS ALSO OFFER THE CHANCE TO BUILD NETWORKS WITH PROFESSIONALS IN THE FIELD WHO CAN HELP ADVANCE THEIR CAREERS UPON GRADUATION. FURTHERMORE, BEING PART OF A RADIO CLUB ALLOWS STUDENTS TO STAY ACTIVE AND ENGAGED WITH BOTH THEIR PEERS AND THEIR COMMUNITY WHILE MAKING SIGNIFICANT CONTRIBUTIONS TO CAMPUS LIFE. ULTIMATELY, STUDENT RADIO CLUBS ARE AN ASSET TO ANY EDUCATIONAL INSTITUTION LOOKING TO FOSTER STUDENT LEADERSHIP, CREATIVITY, AND PROFESSIONAL DEVELOPMENT THROUGH MEDIA LITERACY EDUCATION.

IT'S GREAT TO SEE THAT OUR DEPARTMENT IS PROVIDING STUDENTS WITH OPPORTUNITIES TO ENHANCE THEIR SKILLS THROUGH **VOLT 18.2**.

ENTREPRENEUR AND DEVELOPMENT CLUB

ENTREPRENEURSHIP DEVELOPMENT CLUB IS FORMED TO INCULCATE ENTREPRENEURIAL CULTURE AMONG STUDENTS AND EQUIP THEM WITH THE SKILLS, TECHNIQUES AND CONFIDENCE TO ACT AS TORCH-BEARERS OF ENTERPRISE OF THE NEW GENERATION. THE MAIN OBJECTIVE OF THE ENTREPRENEURSHIP DEVELOPMENT CLUB IS TO INFUSE CREATIVITY AND INNOVATION AMONG THE STUDENTS OF OUR COLLEGE. TO IN STILL SOCIAL CHARACTERISTICS SUCH AS DEPENDABILITY, INTEGRITY, HARD EFFORT, DISCIPLINE, AND HONESTY AS ESSENTIAL COMPONENTS OF ENTREPRENEURSHIP AND TO EDUCATE THE STUDENTS ABOUT THE VARIOUS DIMENSIONS OF INDUSTRY.

FINE ARTS AND PHOTOGRAPHY CLUB

THE FINE ARTS AND PHOTOGRAPHY CLUB, THE OMNIPRESENT CULTURAL CLUB OF THE COLLEGE, ALSO KNOWN AS FPC IS A GROUP OF PEOPLE WHO ARE ENTHUSIASTIC ABOUT ART AND PHOTOGRAPHY. THE CLUB IS A GREAT STAGE FOR STUDENTS TO SHARE THEIR CREATIVITY, KNOWLEDGE AND PASSION TO EXPLORE, LEARN AND CREATE. THE CLUB PROVIDES GREAT OPPORTUNITIES FOR ITS MEMBERS TO ENHANCE THEIR CREATIVITY THROUGH PAINTING, PHOTOGRAPHY, CRAFT, SKETCHING, DOODLING, ART THERAPIES AND MUCH MORE. BASICS OF PHOTOGRAPHY LIKE EXPOSURE TRIANGLE AND COMPOSITION RULES ARE THOROUGHLY EXPLAINED IN PHOTOGRAPHY WORKSHOPS. THE CLUB ALSO CONDUCTS VARIOUS WORKSHOPS FOR THE STUDENTS THROUGH WHICH THE MEMBERS ACQUIRE PROFICIENCY AND ENHANCE THEIR SKILLS IN PHOTOGRAPHY, ART, AND CRAFT.



PROMOTIONAL CLUB

IF YOU WANT TO GRAB SOME FRESHLY BREWED CONTENT, WE'RE HERE... WE SERVE AS MEDIA REPRESENTATIVES FOR OUR DEPARTMENT. WE PUBLICIZE UPCOMING EVENTS AND PROVIDE GENERAL INFORMATION ON CONTESTS, EVENTS, AND COMPETITIONS IN OUR DEPARTMENT. WE USE SOCIAL MEDIA TO PROMOTE EACH CLUB'S EVENTS AND PRIZES. PROMOTIONS FOR THE GREATEST CLICKS IN PHOTOGRAPHY AND SHORT FILMS ARE ADVERTISED ON INSTAGRAM, FACEBOOK, TWITTER, AND YOUTUBE. THIS MOTIVATES OTHER KIDS TO BRING FORWARD THEIR INNOVATIVE IDEAS AND ENTHUSIASM SPONTANEOUSLY.



ENERGY CONSERVATION CLUB

ENERGY CLUB AIMS AT GENERATING & DISSEMINATING AWARENESS FOR JUDICIOUS AND SUSTAINABLE CONSUMPTION OF ENERGY. CONSIDERING THE LIMITED QUANTUM OF FOSSIL FUELS AVAILABLE, THE NEED OF THE HOUR IS CONSERVATION AND JUDICIOUS USE OF RESOURCES. ENERGY CLUB IS THE PLATFORM WHERE STUDENTS ARE MADE FAMILIAR WITH THE TERM ENERGY CONSERVATION, THE NEED FOR IT AND WHAT ROLE THEY CAN PLAY IN ENSURING CONSERVATION. IT ENABLES THE STUDENTS TO SAVE ENERGY SO THAT THE ON-GOING ENERGY CRISIS CAN BE ADDRESSED. THESE MEASURES WOULD NOT ONLY HELP IN IMPARTING KNOWLEDGE ON ENERGY EFFICIENCY BUT ALSO IN ITS IMPLEMENTATION IN HOUSEHOLDS AND INSTITUTIONS.

– THE CLUB AIMS AT EXPLORING BETTER USES OF CLEAN AND RENEWABLE SOURCES OF ENERGY.

– TO INCULCATE THE MIND SET OF THE STUDENTS TO BECOME AMBASSADORS IN RAISING THE AWARENESS OF ENERGY SAVING.

DEPARTMENT CLUBS

SPORTS CLUB

SPORTS CLUB ACTIVITIES PLAY SUCH A VITAL ROLE IN THE CHARACTER FORMATION OF EVERY STUDENT. INVOLVEMENT IN SPORTS ON CAMPUS IS SOMETHING LIKE THAT SEEMS INEVITABLE FOR HIGHLY POTENTIAL BENEFITS TO STUDENTS. RECOGNISING THE IMPORTANCE OF SPORTS AND FITNESS FOR THE PHYSICAL AS WELL AS MENTAL WELLBEING OF STUDENTS. IT IS COMMITTED TO PROVIDE A HEALTHY SPORTING HABIT AMONG THE STUDENTS. IT HELPS TO LEARN TEAMWORK AT WORK, COORDINATION AMONG DIVERSE CULTURAL & ETHNIC GROUPS AND MAINLY INFUSES DISCIPLINE & INSTILLS THE VALUE SYSTEM IN ONE INDIVIDUAL. THE MAIN OBJECTIVE OF SPORTS CLUB IS IT WILL REDUCE STRESS AND IMPROVE HEALTH AND IT WILL BUILD POSITIVE ATTITUDE, SELF-CONFIDENCE, COURAGE AND PATIENCE TO THE STUDENTS.



TECHNICAL CLUB

IT'S NOT JOB YOU DO ITS HOW YOU DO THE JOB ABILITIES AND KNOWLEDGE NEEDED TO PERFORM SPECIFIC TASKS ARE LEARNT UNDER THE GUIDANCE OF TECHNICAL CLUB IN OUR DEPARTMENT. OUR AIM IS TO ACHIEVE ADVANCEMENT IN BOTH SOFT SKILLS AND TECHNICAL SKILLS. THIS IS A COMBINATION OF PEOPLE SKILLS, SOCIAL SKILLS, COMMUNICATION SKILLS, PERSONALITY TRAITS, CAREER ATTRIBUTES, SOCIAL INTELLIGENCE AND SCIENTIFIC TASKS. THIS ENABLES EACH AND EVERY STUDENT TO NAVIGATE THEIR ENVIRONMENT, WORK WELL WITH OTHERS, PERFORM WELL AND ACHIEVE THEIR GOALS WITH COMPLEMENTING HARD SKILLS. WE HAVE ORGANIZED COMPETITIONS SUCH AS TECH QUIZ, PPT, GROUP DISCUSSION, DEBATE AND JAM FOR THE FUTURE ENHANCEMENT. EVERY INDIVIDUAL IS GIVEN ACCESS TO LEARN PROFESSIONAL ETHICS I.E., HOW TO CONFRONT IN INTERVIEWS AND DEAL IN GROUP DISCUSSIONS.



RESEARCH AND DEVELOPMENT CLUB

THE ESTABLISHMENT OF A RESEARCH AND DEVELOPMENT CLUB FOR STUDENTS IN OUR DEPARTMENT IS AN INNOVATIVE INITIATIVE THAT RECOGNIZES THE IMPORTANCE OF PRACTICAL EXPERIENCE IN SUPPLEMENTING ACADEMIC KNOWLEDGE. SUCH A CLUB WOULD PROVIDE A PLATFORM FOR STUDENTS TO ENGAGE IN RESEARCH PROJECTS, DISCUSS CUTTING-EDGE IDEAS, AND COLLABORATE WITH THEIR PEERS TO ADVANCE THEIR SKILLS AND UNDERSTANDING IN THEIR RESPECTIVE FIELDS. THIS INSTITUTIONAL SUPPORT IS CRUCIAL AS IT ENABLES STUDENTS TO BROADEN THEIR HORIZONS THROUGH ACTIVE PARTICIPATION AND TEAMWORK WHILE BUILDING UPON THEIR ACADEMIC FRAMEWORK. ADDITIONALLY, THIS CLUB CAN HELP FOSTER NETWORKING OPPORTUNITIES BETWEEN STUDENTS, FACULTY MEMBERS, AND INDUSTRY PROFESSIONALS, PROVIDING THEM ACCESS TO CRITICAL RESOURCES THAT WILL BENEFIT THEM DURING THEIR CAREERS. OVERALL, ESTABLISHING SUCH AN ORGANIZATION REFLECTS THE DEPARTMENT'S COMMITMENT TO ENHANCING STUDENT LEARNING EXPERIENCES BY DEVELOPING INTELLECTUAL CURIOSITY AND PROFESSIONAL SKILLS THAT WILL SERVE OUR GRADUATES WELL BEYOND GRADUATION.

DEPARTMENT CLUBS



CULTURAL CLUB

THE ESTABLISHMENT OF A CULTURAL CLUB FOR STUDENTS IN OUR DEPARTMENT EMBODIES OUR COMMITMENT TO FOSTERING A DIVERSE AND INCLUSIVE ACADEMIC COMMUNITY. THROUGH THE CLUB, STUDENTS WILL HAVE THE OPPORTUNITY TO SHARE AND CELEBRATE THEIR UNIQUE CULTURAL BACKGROUNDS, BUILD CROSS-CULTURAL CONNECTIONS, AND LEARN ABOUT CULTURES DIFFERENT FROM THEIR OWN. THIS INITIATIVE SERVES AS AN EMBODIMENT OF OUR DEPARTMENT'S OBJECTIVE OF PREPARING GRADUATES NOT ONLY PROFICIENT IN THEIR CHOSEN FIELDS BUT ALSO WELL-ROUNDED INDIVIDUALS WITH VALUABLE SKILLS IN COMMUNICATION, TEAMWORK, AND CULTURAL COMPETENCE. THE ACTIVITIES WITHIN THE CLUB WILL RANGE FROM GUEST SPEAKERS FROM DIFFERENT CULTURAL BACKGROUNDS SHARING THEIR EXPERIENCES AND PERSPECTIVE, ORGANIZING EVENTS AROUND VARIOUS FESTIVALS SUCH AS EIDAL-FITR OR DIWALI OR CREATING LANGUAGE IMMERSION GROUPS FOR PARTICIPANTS INTERESTED IN LEARNING A NEW LANGUAGE. AS SUCH, THE SETTING-UP OF THIS CULTURAL CLUB IS INSTRUMENTAL IN ENHANCING OUR STUDENTS' ACADEMIC EXPERIENCE AND DEVELOPING THEM INTO GLOBAL CITIZENS FIT TO NAVIGATE TODAY'S MULTICULTURAL SOCIETY.



DEPARTMENT INITIATIVES

SOLAR POWER PLANT IN OUR COLLEGE

IN THE PROCESS OF ENERGY CONSERVATION TO ENCOURAGE RENEWAL ENERGY SOURCES, THE DEPARTMENT OF EEE IS LOOKING AFTER SOLAR POWER PLANT WHICH IS INSTALLED IN THE CAMPUS WITH THE HELP OF COLLEGE MANAGEMENT.

INSTALLED CAPACITY: 200KWP GRID-TIED OR ON-GRID SYSTEM

CHARGING STATION FOR ELECTRIC VEHICLE

AN EV CHARGER IS A PIECE OF EQUIPMENT THAT SUPPLIES POWER FOR ELECTRIC VEHICLES. ITS MAIN JOB IS TO RECHARGE THE BATTERY OF AN EV TO KEEP THE VEHICLE IN MOTION. WE INITIATED AN OFF-GRID CHARGING STATION IN OUR PREMISES. OFF-GRID CHARGERS TYPICALLY REQUIRE BACKUP BATTERIES AND ARE MORE VULNERABLE TO THE WHIMS OF NATURE, BUT THEY ARE ALSO EASIER AND CHEAPER TO INSTALL. THE MAIN REASON IS THAT THEY DON'T NEED TO BE PHYSICALLY CONNECTED TO THE GRID, WHICH CUTS OUT ONE MAJOR STEP OF THE INSTALLATION PROCESS. BECAUSE OF THIS, THE CHARGING STATIONS CAN BE INSTALLED AS SOON AS THEY ARRIVE AT THEIR LOCATION, AND THERE'S NO NEED TO BRING IN A LICENSED CONTRACTOR TO HANDLE THE WIRING.



WIND TURBINES USING ARCHIMEDES PRINCIPLE

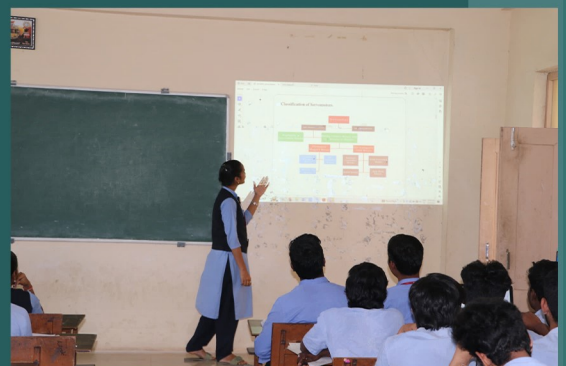
THE ARCHIMEDES WINDMILL IS A NEW TYPE OF WIND TURBINE COMPRISING THREE CIRCULAR BLADES WHICH ARE WRAPPED AROUND ONE ANOTHER AND THEN EXPANDED. THIS CREATES A THREE-DIMENSIONAL CONICAL TURBINE, SIMILAR TO ELONGATED SHELLS FOUND ON THE BEACH. THE SPECIAL DESIGN ENSURES THAT WIND IS DRAWN INTO THE TURBINE. THE AVERAGE YIELD IS MANY TIMES HIGHER COMPARED TO A NORMAL URBAN WINDMILL PROPELLER. THE ARCHIMEDES SPIRAL WIND TURBINE UTILIZES THE KINETIC ENERGY OF THE WIND MUCH MORE EFFICIENTLY THAN TRADITIONAL HAWTs. THE WIND DIRECTION IN AN URBAN ENVIRONMENT CHANGE CONSTANTLY BUT THE ARCHIMEDES WIND TURBINE FOLLOWS THE WIND DIRECTION AUTOMATICALLY AND OPERATES EFFICIENTLY AT LOW SPEEDS.



SMART CLASS CONCEPT

DAILY 10 MINUTES SEMINAR IS BEING DELIVERED BY THE STUDENTS BEFORE STARTING THEIR REGULAR CLASS IN ORDER TO IMPROVE THEIR COMMUNICATION SKILLS.

- MEDITATION IS PRACTICED DAILY FOR 10 MINUTES IN THE FIRST HALF ON ALL WORKING DAYS.
- SINGING OF NATIONAL ANTHEM IS ALSO PRACTICED DAILY AT 4:10 PM ON ALL WORKING DAYS, THROUGH VOLT 18.2.
- THE ACADEMIC POOR PERFORMERS ARE BEING IDENTIFIED AND THE PROPER METHODOLOGY ARE FOLLOWED TO IMPROVE THEIR PERFORMANCE.
- THE ATTENDANCE PERCENTAGE OF THE STUDENTS IS CONTINUOUSLY MONITORED.



FACULTY CONTRIBUTIONS

JOURNALS

1. Dr.K. Subbaramaiah, Dr.B.V.S.Acharyulu, Mr.T.Papinaidu & Mr. K. Praveen Kumar Yadav published a paper titled – “**Shunt Compensation using Deep Belief Learning Network Based Inductively Coupled DSTATCOM**” in **Energy Systems Journal**, December 2023.
2. Dr.K. Subbaramaiah published a paper titled – “**PV Fed Multi-level Inverter with Reduced Number of Power electronics Components**” in **Dogo Rangsang Research Journal**, June 2023.
3. Dr. B.V.S.Acharyulu published a paper titled – **Green anaconda optimized DRN controller for automatic generation control of two-area interconnected wind-solar-tidal system** in **Journal of Electrical Engineering**, December 2023.
4. Dr. B.V.S.Acharyulu published a paper titled – **Sea Lion optimized pid+dd control for load frequency control of a hybrid power system** in **SN Computer Science Journal**, July 2023.
5. Dr.P.Janaki published a paper titled – **Evaluation of electrical properties of graphene nanopowder-dispersed propylene glycol-water solutions** in **Engineering Research Express Journal**, July 2023.
6. Dr.P.Janaki published a paper titled – **Characterization and Evaluation of Electrical Properties of Corn Oil Biodiesel mixed with Nano Additive** in **International Journal of Renewable Energy Research**, June 2023.
7. Mr. K. Praveen Kumar Yadav published a paper titled – Experimental Analysis of DI-ZSI based DSTATCOM in **International Journal of Applied Power Engineering**, September 2023.

CONFERENCES

1. Dr.K. Subbaramaiah, Mr.K.Ravishankar, Mr.M.Satish, Mr.K.Dinesh and Mr.T.Karthik published a paper titled – **Modelling and analysis of a permanent magnet dc motor fed electric vehicle drive system** in an International Conference on Renewable Power for Sustainable Growth, January 2024.
2. Mr.K.Ravishankar, Mr.M.Satish, Mr.K.Dinesh and Mrs.A.Praveena published a paper titled **Gradient Descent Back propagation through momentum (GDBPM) endorsed icos pi control technique-based D statcom intended for shunt ideminification** in an International Conference on Renewable Power for Sustainable Growth, January 2024.
3. Dr.M.Venkateswaran published a paper titled **Synthesis of Prognostic Control and fault identification for a Solar photovoltaic fed DC-DC converters used in Electric Vehicles** in an International Conference on Computer Communication and Informatics (ICCCI), January 2024.
4. Mrs.K.Asmini published a paper titled **Deep Neural Network based Intelligent Multi-Microgrid Energy Management** in IEEE 3rd International Conference of Sustainable Energy and Future Electric Transportation (SEFET) September 2023.

BOOK CHAPTERS

1. Mr.J.Vijaychandra, Mrs.B.Vanajakshi, Mr.B.Ram Vara Prasad, Mr.K.Veda Prakash and Mr.U.Sri Annjaneyulu presented a paper on **A Critical Review on Battery Management Systems in electric Vehicles: Key Features, Challenges and Recommendations** in “First International Conference on Emerging Technologies and Applications in electrical Engineering (ETAEE2023)”, held on 21st and 22nd December 2023, hosted and organized by Department of Electrical Engineering, National Institute of Technology, Raipur.

2. Mr.J.Vijaychandra, Mr. A. Anil Kumar, Mr. K.Dinesh, Mrs. K.Anitha, Mrs.K.Nagamani and Mr.D.Rama chandra presented a paper on **Artificial Intelligence based MPPT Techniques for Electric Vehicle charging Station Applications** in “First International Conference on Emerging Technologies and Applications in electrical Engineering (ETAEE2023)”, held on 21st and 22nd December 2023, hosted and organized by Department of Electrical Engineering, National Institute of Technology, Raipur.

Book

1. Dr.P.Janaki published a book title – “**Electrical Vehicle Technology**” in SIP Publishers, November 2023 with ISBN No 978-93-5757-620-8.

PATENTS

1. Dr. K. Subbaramaiah, Dr. B.V.S. Acharyulu, Mr.T. Papinaidu, Mr.K.Praveen Kumar Yadav, Mr.Rama Vara Prasad and Mr.M.Satish have been received an UK Design Patent with title,” **Hybrid (Solar & Wind) Energy Generating Roof Mount**”.
2. Dr.P.Janaki, Mr.T.Karthik and Mrs.K.Nagamani have been received a design patent with title “ **Electric Vehicle Charger**”.
3. Dr.P.Janaki, Mr.T.Karthik have been received a design patent with title “ **Multipurpose Solar Tail Light for Bicycle**”.

INSIGHTS OF DEPT. OF EEE



1. DEPARTMENT OF EEE HAS BEEN RECOGNIZED AS THE RESEARCH CENTRE BY JNTU-GV, VIZIANAGARAM.
2. DR.B.V.S.ACHARYULU HAS DELIVERED A GUEST LECTURE ON “ VOLTAGE STABILITY ON POWER SYSTEM” AT AVANTHI’S ST.THERESSA INSTITUTE OF ENGINEERING & TECHNOLOGY, VIZIANAGARAM, ANDHRA PRADESH.
3. DR.B.V.S.ACHARYULU HAS DELIVERED A GUEST LECTURE ON “ IMPROVING POWER SYSTEM STABILITY BY USING FACTS CONTROLLERS”. AT SAI GANAPATHI ENGINEERING COLLEGE, VISAKHAPATNAM, ANDHRA PRADESH.
4. DR.B.V.S.ACHARYULU ACTED AS “SALESFORCE’S MENTOR” OR SPOC AND 87 MEMBERS COMPLETED SALESFORCE’S INTERNSHIP FROM THE PARENT DEPARTMENT,EEE AND 549 STUDENTS COMPLETED FORM COLLEGE SIDE
5. DR.B.PARUSHURAMULU HAS DELIVERED AN EXPERT TALK DURING ONE WEEK ONLINE SHORT TERM COURSE ON RECENT TRENDS IN POWER ELECTRONICS AND SUSTAINABLE ENERGY SYSTEMS(RTPESS-2023) CONDUCTED BY DR.B.R.AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY,JALANDHAR.
6. DR.P.JANAKI AND MR.T.KARTHIK MENTORED THREE STUDENTS FROM III EEE TO RECEIVE A DESIGN GRANTED PATENT WITH TITLE,” MULTIPURPOSE SOLAR TAIL LIGHT FOR BICYCLE”.

7. **MR.J.VIJAYCHANDRA** HAS BEEN RECEIVED “**CERTIFICATE OF EXCELLENCE IN PEER-REVIEWING**” AWARDED IN RECOGNITION OF AN OUTSTANDING CONTRIBUTION TO THE QUALITY OF THE BOOK.
8. **MR.J.VIJAYCHANDRA** HAS MENTORED STUDENTS FROM **III & IV EEE** TO PRESENT PAPERS IN AN INTERNATIONAL CONFERENCE ON “**INNOVATIONS IN THE POWER SECTOR TOWARDS SUSTAINABLE DEVELOPMENT GOALS (IPSSDG)**”, HELD DURING **23,24 JUNE 2023** AT **KOLKATA,INDIA** ORGANIZED BY **DAMODAR VALLEY CORPORATION** AND OUT OF WHICH **FIVE PAPERS** HAVE BEEN PUBLISHED.
9. **MR.J.VIJAYCHANDRA** HAS MENTORED TWO STUDENTS FROM **III EEE** TO PRESENT PAPERS IN “**FIRST INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND APPLICATIONS IN ELECTRICAL ENGINEERING (ETAEE2023)**”, HELD ON **21ST AND 22ND DECEMBER 2023**, HOSTED AND ORGANIZED BY **DEPARTMENT OF ELECTRICAL ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR** AND GOT ACCEPTANCE TO PUBLISH AS BOOK CHAPTERS (**CRC PRESS, TAYLOR & FRANCIS**).
10. **MR.J.VIJAYCHANDRA** HAS MENTORED THREE STUDENTS FROM **III EEE** TO PRESENT PAPER IN **VIDHATRI 2K23**, A TECHNICAL FEST ORGANIZED BY **DEPARTMENT OF MECHANICAL ENGINEERING, LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY**.
11. **MR.B. RAM VARA PRASAD** MENTORED FOUR STUDENTS FROM **III EEE** TO ATTEND PROJECT EXPO AT **JNTUGV VIZIANAGARAM** AND BAGGED SECOND PRIZE FOR THE PROJECT ENTITLED,“ **SMART WIRELESS CHARGING FOR ELECTRIC VEHICLES**”.
12. **MR.B.RAM VARA PRASAD** HAS BEEN BAGGED “ **BEST TEACHER AWARD IN THE ASSISTANT PROFESSOR CATEGORY**” ON THE EVE OF **TEACHERS DAY CELEBRATIONS** AT **LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY** ON **SEPTEMBER 5,2023**.
13. **MR.B.RAM VARA PRASAD ,MR.A.ANIL KUMAR, DR.P.JANAKI, MRS.K.NAGAMANI & MRS.K.ANITHA** HAVE BEEN BAGGED “ **CERTIFICATE OF APPRECIATION**” IN RECOGNITION OF **THEIR ROLE AS A MENTOR** FOR THE **NPTEL ONLINE CERTIFICATION COURSE ON “INTRODUCTION TO INTERNET OF THINGS” (JUL-DEC 2023)**.
14. **MR.K.PRAVEEN KUMAR YADAV** HAS BEEN INVITED AS A **REVIEWER** FOR “ **INTERNATIONAL JOURNAL OF ELECTRONICS**”.
15. **DR P. JANAKI** HAS ACHIEVED PROCTOR CERTIFICATE FOR GUIDING FEW STUDENT TEAMS FOR **IEEE XTREME 17.0 CODING CONTEST** IN **LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

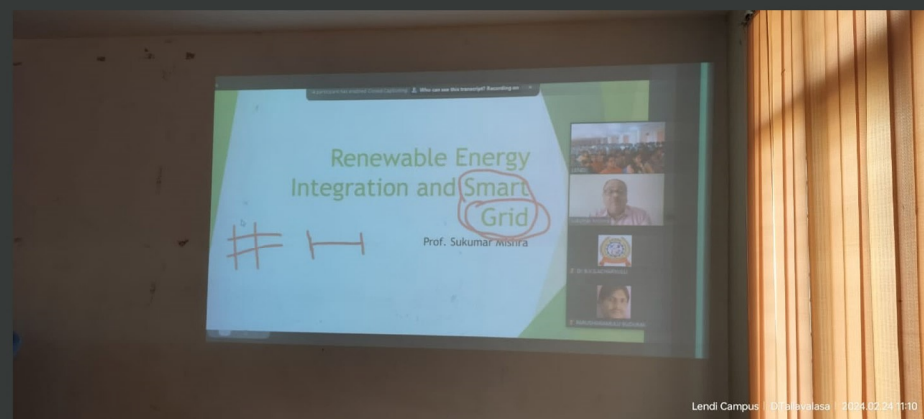
DEPARTMENT OF EEE ORGANIZED A FIVE DAYS ONLINE FDP ON

NEW TREND IN POWER ELECTRONICS FOR MICRO GRIDS AND ELECTRICAL VEHICLES.

 Manohar K-EECE-1763	Dr G.MUNIREDDY Dr G.MUNIREDDY	DrRahat Ullah K... DrRahat Ullah Khan	Dr. Rohit Babu,... Dr. Rohit Babu, Allianc...	Dharani Deepika Dharani Deepika	 Jayamurigan Jayam	Dept. of EEE Dept. of EEE
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 V.Rajesh	 V.Bhavana	 Rishu Kumar	Alamanda Anil... Alamanda Anil kumar	Ravisankar Kam... Ravisankar Kampara	K KUMARASAVANAN ...	Asfaq Ahama Asfaq Ahamad
USER USER	Mr.K.Trinadh Ba... Mr.K.Trinadh Babu	OPPO A11k OPPO A11k	Mani Shankar... Mani Shankar Matta	bindu vadlamudi bindu vadlamudi	swetha 07 swetha 07	Komali Veeranki Komali Veeranki
Lubna Sayyed Lubna Sayyed	NANDIGAM RA... NANDIGAM RAMA NA...	SUMANTH SUMANTH	Sruthi Sruthi	 Maheswara Rao Pydis...	Appalabathula... Appalabathula Venkate...	Ramesh Devara... Ramesh Devarapalli
Avinash Vujji Avinash Vujji	B Bhavani Chitkala	lakshmi narasim... lakshmi narasimha	SRINIVASA RAO... SRINIVASA RAO UPPA...	Padmini Padmini	Lavanya Komma Lavanya Komma	K Vijay Kumar K Vijay Kumar

GUEST LECTURES

ONLINE GUEST LECTURE BY **DR.SUKUMAR MISHRA**, PROFESSOR,
DEPARTMENT OF ELECTRICAL ENGINEERING , IIT DELHI



STUDENT ACHIEVEMENTS



P.VARSHITHA
1ST PRIZE IN PROJECT EXPO
@LAKSHYA



P.THANUSRI
2ND PRIZE IN QUIZ
@ENGINEERS DAY



BALA REDLA
3RD PRIZE IN PROJECT EXPO
@LAKSHYA 2023



P.VARSHITHA
1ST PRIZE QUIZ COMPETITION
@ENGINEERS DAY



P.VENKATA LAKSHMI & P.THANUSRI
1ST PRIZE IN PPT COMPETITION
@ENGINEERS DAY



A.VENKATA SAI GAYATRI
1ST PRIZE IN PAPER PRESENTATION
@LAKSHYA 2023



P.HARI PRIYA, R.MONICA, R.HEMA LATHA
1ST IN PPT COMPETITION
@VIDHATRI 2K23



K.SUMANTH VARMA
GOT DISTRICT 1ST PRIZE
@YOUTH FESTIVAL -2022



P.HARI PRIYA
1ST PRIZE IN ESSAY WRITING
@ENGINEERS DAY



G.NARENDRA
1ST PRIZE IN LEADER (FULL TIME SESSION)
@NSS

PATENTS

P.HARIPRIYA , P.VENKATA LAKSHMI ,
P. THANU SRI

HAS RECEIVED PATENT GRANTION ON
MULTIPURPOSE SOLAR TAIL LIGHT FOR BICYCLE



M. ANIL KUMAR
NPTEL GOLD



***P.V.S.SOWRYA,R.ANIL KUMAR, M.BHARATH AND S.ROHITH – RUNNERS IN ROBO WAR
P.V.S.SOWRYA AND M.ANIL KUMAR – RUNNERS IN PAPER PRESENTATION
P.V.S.SOWRYA AND P.MANOHAR – RUNNERS IN POSTER PRESENTATION
@LAKSHYA 2023***



***CHANDINI SANKRANA
DHANA LAKSHMI PINNINTI
AKHILA PUDI
JOSHI VUTUKURI – RUNNERS IN PROJECT EXPO
@JNTUGV***

STUDENT PARTICIPATIONS IN INTER/INTRACOLLEGIATE EVENTS

1. A.Venkata Sai Gayatri presented a paper on **Cybersecurity Applications in Smart Grid: Issues and Challenges** in an International conference on "Innovations in the Power sector towards Sustainable Development Goals(IPSSDG)", held during 23,24 June 2023 at Kolkata,India organized by Damodar Valley Corporation.
2. P.Venkata Lakshmi, T.Harshini, P.Thanusri presented a paper on **Battery Management Systems in electric Vehicles** in an International conference on "Innovations in the Power sector towards Sustainable Development Goals(IPSSDG)", held during 23,24 June 2023 at Kolkata,India organized by Damodar Valley Corporation
3. P.Haripriya, P.Venkata Lakshmi, R.Hemalatha presented a paper on **Artificial Intelligence based MPPT Techniques for mitigating partial shading effects on PV systems** in an International conference on "Innovations in the Power sector towards Sustainable Development Goals(IPSSDG)", held during 23,24 June 2023 at Kolkata,India organized by Damodar Valley Corporation.
4. T.Harshini, P.Thanusri, R.Monica presented a paper on **A Review on the Applications of the Nature Inspired Optimization Algorithms** in an International conference on "Innovations in the Power sector towards Sustainable Development Goals(IPSSDG)", held during 23,24 June 2023 at Kolkata,India organized by Damodar Valley Corporation.
5. N.Yamini, P.Thanusri, T.Harshini presented a paper on **Integration of Electric Vehicles in Smart Grid: An Overview** in an International conference on "Innovations in the Power sector towards Sustainable Development Goals(IPSSDG)", held during 23,24 June 2023 at Kolkata,India organized by Damodar Valley Corporation.
6. N.Yamini, P.Haripriya, R.Hemalatha presented a paper on **A Review on Energy Efficiency Initiatives and Regulations** in an International conference on "Innovations in the Power sector towards Sustainable Development Goals(IPSSDG)", held during 23,24 June 2023 at Kolkata,India organized by Damodar Valley Corporation.
7. P.Venkata Lakshmi presented a paper on **A Critical Review on Battery Management Systems in electric Vehicles: Key Features, Challenges and Recommendations** in "First

International Conference on Emerging Technologies and Applications in electrical Engineering (ETAEE2023)", held on 21st and 22nd December 2023, hosted and organized by Department of Electrical Engineering, National Institute of Technology, Raipur.

8. P.Haripriya presented a paper on **Artificial Intelligence based MPPT Techniques for Electric Vehicle charging Station Applications** in "First International Conference on Emerging Technologies and Applications in electrical Engineering (ETAEE2023)", held on 21st and 22nd December 2023, hosted and organized by Department of Electrical Engineering, National Institute of Technology, Raipur.
9. P.Venkata Lakshmi, P.Haripriya, P.Thanusri, received a design Patent with the title, **"Multipurpose Solar Tail Light For Bicycle"** in the name of Lendi Institute of Engineering and Technology.
10. P.Haripriya, R.Monica, R.Hemalatha presented a paper on **Energy Conservation methods** in VIDHATRI 2K23, a technical fest organized by the department of Mechanical Engineering, Lendi Institute of Engineering and Technology.
11. T.Madhu, R.Hema latha and S.Manasa participated in the workshop on **" Energy Conservation"** held on the occasion of National Energy Conservation Week (14-20 Dec 2023) at MVGR college of Engineering (Autonomous), Vizianagaram.
12. P.Sri Mahalakshmi, U.Tejaswini, M.Geetanjali, T.Ganesh,S.Venkat Vinay, P.Revanth participated in the workshop on **" Energy Conservation"** held on the occasion of National Energy Conservation Week (14-20 Dec 2023) at MVGR college of Engineering (Autonomous), Vizianagaram.
13. R.Hemalatha has participated in **IEEEExtreme 17.0 Programming Competition** that hosted +17000 participants on 29th October,2023

INDUSTRIAL VISIT



IV EEE-A



IV EEE-B



III EEE-A



III EEE-B

..... *ACADEMIC TOPPERS*

IV YEAR



M.ANIL KUMAR



G.JYOTHSNA



S.MANASA



M.MANOHAR

III YEAR



G.SEKHAR



G.DAMAYANTHI



R.SINDHU

II YEAR

ALUMUNI MESSAGES

WHEN I FIRST ENTERED LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY. I WAS ANXIOUS ABOUT MY FUTURE. OVER THE YEARS, SO MANY DOORS WERE OPENED FOR OUR PERSONAL AND ACADEMIC DEVELOPMENT THAT I BECAME CONFIDENT. THE COLLEGE AIMS AT ENHANCING OUR KNOWLEDGE, SKILLS AND ABILITIES. THESE YEARS AT LENDI INSTITUTE ARE THE BEST YEARS FOR LEARNING, EXPERIENCE AND GAINING EXPOSURE TO FIELDS RELEVANT TO MY DISCIPLINE, ALL DUE TO MY FACULTY MEMBERS. AT LAST, THANKS TO THE COLLEGE AND TRAINING & PLACEMENT DEPARTMENT FOR THEIR CONTINUOUS EFFORTS IN GETTING ME PLACED IN MCore TECHNOLOGIES PVT.LTD. AS ALUMNI, I CARRY THE SPIRIT OF OUR COLLEGE WHEREVER I GO. LET'S CONTINUE TO INSPIRE AND SUPPORT EACH OTHER IN OUR JOURNEY AHEAD. THANK YOU.



S.CHARAN
2023 PASSED OUT



K.PARDHA SARADHI
2023 PASSED OUT

HI THIS IS PARDHA SARADHI, OUR COLLEGE IS A PLACE WHICH PROVIDES A LOT OF OPPORTUNITIES AND VALUABLE LESSONS BEYOND THE ACADEMICS. I FEEL PROUD TO BE THE PART OF THE LENDI FAMILY AND I'M HAPPY TO SAY THAT THE DECISION THAT I HAD TAKEN 4 YEARS BACK WAS RIGHT THAT IS OF CHOOSING THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING WHERE I LEARNT LEADERSHIP QUALITIES, RESPONSIBILITY TOWARDS WORK, SELF - LEARNING, TIME MANAGEMENT.... NOW, MY STUDENT LIFE AT LENDI HAS ENDED BUT I STILL REMEMBER THE FIRST DAY STEPPING HERE. OUR COLLEGE IS NOT ONLY A BEST PLACE FOR STUDIES BUT ALSO EVERY ACTIVITY THAT HAS TAKEN PLACE IN MY COLLEGE HELPED ME TO LEARN BOTH TECHNICALLY AND NON-TECHNICALLY ESPECIALLY MY DEPARTMENT EVENT LAKSHYA WHICH IS THE BEST PLATFORM TO EXHIBIT MY SKILLS. DURING THESE FOUR YEARS OF TIME MY COLLEGE HELPED ME IN FINDING THE TYPE OF THE PERSON I'M GOING TO BECOME. FINALLY I THANK ALL MY FACULTY AND MY FRIENDS WHO ENCOURAGED AND SUPPORTED ME DURING MY UP'S AND DOWN'S.

GREETINGS EVERYONE, I'M **S. NAGESWARA REDDY**, CURRENTLY EMPLOYED AT **M-CORE TECHNOLOGIES**. PREVIOUSLY, I WAS A STUDENT AT **LENDI COLLEGE**. I AM PROUD TO ACKNOWLEDGE THAT MY COLLEGE PROVIDED ME WITH A FANTASTIC PLACEMENT OPPORTUNITY, ALLOWING ME TO FULFILL MY DREAM OF BECOMING AN **ELECTRICAL ENGINEER** AT **M-CORE**. MY ROLE AS A POWER SYSTEM ENGINEER LEVERAGES THE KNOWLEDGE AND SKILLS I ACQUIRED DURING MY FOUR YEARS OF STUDY IN **B.TECH** AND THE PROJECTS I COMPLETED. I AM SINCERELY GRATEFUL TO THE **EEE DEPARTMENT** OF MY COLLEGE FOR PAVING THE WAY FOR MY CAREER. THANK YOU.



S.NAGESWAR REDDY
2023 PASSED OUT

DEFINITELY YES....

SUCCESS....

IN SOCIETY POINT OF VIEW....IT CAN BE ACHIEVED WITH A CONSTANT DEDICATION.... GREAT DETERMINATION.... PROPER FOCUS....GOOD DISCIPLINE....

OFCOURSE WE AGREE....BUT WHAT IF WE WON'T ACHIEVE IT BY IMPLEMENTING THE ABOVE PARAMETERS STRICTLY WITH NO FAIL? BECAUSE NO ONE HAS GUARANTEED ABOUT GETTING THE SAME **SUCCESS** EVERY TIME EVEN AFTER GOING THROUGH THE ABOVE PARAMETERS SINCERELY....

BUT ONE CAN GET A POSSIBLE SOLUTION REGARDING VARIOUS DIFFICULTIES ASSOCIATED WITH THE TERM **SUCCESS**.... BECAUSE IT IS NOT CONFINED TO A SINGLE AREA....

MOST OF THE CIVILS/GROUPS/GATE/ESE/ANY AREA ASPIRANT CANNOT CRACK EVERYTHING IN SINGLE ATTEMPT EVEN AFTER DOING GREAT PREPARATION....

ALL COACHES ASSOCIATED WITH SPORTS MAY NOT PLAYED FOR THEIR COUNTRY BUT THEY HAVE ENOUGH SKILLS AND ABILITIES TO MAKE THEIR DISCIPLES TO REPRESENT THE COUNTRY....

STUDENTS....YOU JUST TRY TO ASSESS YOUR ABILITIES.... EVERYWHERE YOU WILL GET SURROUNDED WITH LOTS OF THORNS TO BE CROSSED AND MANY HUMILIATIONS TO BE BAGGED....

IN A COMPETITIVE WORLD, YOU TRY NOT TO THINK OF A **SUCCESS** IN A PARTICULAR AREA....YOU JUST TRY TO THINK OF YOUR CAPABILITIES....POSE YOURSELF LOTS OF QUESTIONS DAILY ABOUT YOUR ABILITIES....JUST WORK ON THEM....A DAY WILL COME INTO PICTURE WHERE YOU WILL GET ALL DEVINE BLESSINGS FROM **GOD** AND YOUR EFFORTS WILL BE TAKEN INTO ACCOUNT AS AN **INSPIRATION** FOR MANY....

WE CANNOT COMPARE ANYONE WITH OUR OWN POTENTIAL....THE ONE WHO IS VERY STRONG IN ONE AREA MAY NOT BE STRONG IN THE AREA WHERE YOU ARE HIGHLY EXPERTISE ENOUGH....I DON'T THINK MOTIVATIONAL SPEAKERS, INSPIRATIONAL QUOTES ETC..WILL SUPPORT US AT THE END BECAUSE IT DEPENDS ON VARIOUS CIRCUMSTANCES WHERE THOSE THINGS ALSO TO BE IGNORED **ASIDE** WITH NO OTHER OPTION....

WE HAVE TO MOVE ON....WE HAVE TO WORK HARD....WE HAVE TO BE GENUINE....WE HAVE TO BE SINCERE....WE HAVE TO BE HONEST.... NEVERTHELESS THE SITUATION,WE HAVE TO BE GOOD AT ALL....WE HAVE TO CREATE HAPPINESS....WE HAVE TO SHARE HAPPINESS....WE HAVE TO IMPROVE OUR ABILITIES....WE HAVE TO UNDERSTAND THE SITUATIONS....WE HAVE TO GIVE RESPECT....

A DAY WILL COME INTO EVERYONE'S LIFE WHERE THE ANSWER FOR THE QUESTION " WILL YOU GET **SUCCESS** ATLEAST BY NEXT TIME?" WOULD BE "**DEFINITELY YES**"....



J.VIJAYCHANDRA
ASSISTANT PROFESSOR

THE ENDURING INFLUENCE OF THE TEACHER: FROM ANCIENT INDIA TO MODERN TIMES



K.DINESH

ASSISTANT PROFESSOR

THE TEACHER, OR "GURU," HAS BEEN A REVERED FIGURE IN INDIAN SOCIETY SINCE ANTIQUITY, AND THEIR IMPORTANCE HAS TRANSCENDED TIME, EVOLVING AND ADAPTING TO THE CHANGING CURRENTS OF CIVILIZATION. FROM THE ANCIENT GURUKULA SYSTEM TO THE MODERN EDUCATIONAL LANDSCAPE, THE ROLE OF THE TEACHER REMAINS PARAMOUNT, SHAPING MINDS, NURTURING TALENTS, AND MOLDING CHARACTER. LET US EXPLORE THE JOURNEY OF THE TEACHER FROM ANCIENT INDIA TO THE PRESENT DAY AND THE ENDURING SIGNIFICANCE THEY HOLD IN SOCIETY.

ANCIENT WISDOM: FOUNDATION OF MODERN EDUCATION

THE ROOTS OF MODERN EDUCATION IN INDIA CAN BE TRACED BACK TO THE ANCIENT GURUKULA SYSTEM, WHERE STUDENTS LIVED WITH THEIR TEACHER IN AN ASHRAM, IMBIBING KNOWLEDGE NOT ONLY OF ACADEMIC SUBJECTS BUT ALSO OF ETHICS, MORALITY, AND SPIRITUALITY. THIS HOLISTIC APPROACH TO EDUCATION LAID THE FOUNDATION FOR THE MODERN EDUCATION SYSTEM, EMPHASIZING THE IMPORTANCE OF CHARACTER DEVELOPMENT ALONGSIDE INTELLECTUAL GROWTH.

CONTINUITY OF TRADITION: GURU-SHISHYA PARAMPARA

DESPITE THE ADVENT OF MODERN EDUCATIONAL INSTITUTIONS, THE TRADITION OF GURU-SHISHYA PARAMPARA (TEACHER-DISCIPLE LINEAGE) REMAINS DEEPLY INGRAINED IN INDIAN CULTURE. THE GURU'S GUIDANCE IS SOUGHT NOT ONLY IN ACADEMIC PURSUITS BUT ALSO IN SPIRITUAL AND PERSONAL MATTERS, SYMBOLIZING THE ENDURING INFLUENCE OF THE TEACHER IN SHAPING LIVES AND DESTINIES.

EVOLUTION OF PEDAGOGY: ADAPTING TO CHANGE

WHILE THE ESSENCE OF THE TEACHER-STUDENT RELATIONSHIP REMAINS UNCHANGED, THE METHODS OF TEACHING HAVE EVOLVED OVER THE CENTURIES. FROM ORAL TRADITIONS AND HANDWRITTEN MANUSCRIPTS TO DIGITAL CLASSROOMS AND ONLINE LEARNING PLATFORMS, TEACHERS HAVE ADAPTED TO TECHNOLOGICAL ADVANCEMENTS WHILE PRESERVING THE TIMELESS WISDOM OF ANCIENT TEACHINGS. THE ABILITY TO INNOVATE AND ADAPT TO CHANGING PEDAGOGICAL TRENDS IS A TESTAMENT TO THE RESILIENCE OF THE TEACHING PROFESSION.

SOCIAL INFLUENCE: SHAPING MINDS AND SOCIETY

TEACHERS HAVE ALWAYS PLAYED A PIVOTAL ROLE IN SHAPING SOCIETY BY INSTILLING VALUES, FOSTERING CRITICAL THINKING, AND PROMOTING SOCIAL COHESION. FROM ANCIENT SAGES IMPARTING WISDOM IN FOREST HERMITAGES TO MODERN EDUCATORS LEADING CLASSROOMS IN BUSTLING CITIES, TEACHERS HAVE BEEN THE CUSTODIANS OF KNOWLEDGE AND GUARDIANS OF MORAL VALUES, GUIDING GENERATIONS TOWARDS ENLIGHTENMENT AND PROGRESS.

CHALLENGES AND OPPORTUNITIES: NAVIGATING THE MODERN LANDSCAPE

IN THE RAPIDLY CHANGING WORLD OF THE 21ST CENTURY, TEACHERS FACE NEW CHALLENGES AND OPPORTUNITIES. FROM ADDRESSING THE NEEDS OF DIVERSE LEARNERS TO HARNESSING THE POWER OF TECHNOLOGY FOR EFFECTIVE TEACHING, EDUCATORS MUST ADAPT TO THE DEMANDS OF A RAPIDLY EVOLVING EDUCATIONAL LANDSCAPE. HOWEVER, AMIDST THESE CHALLENGES, THE CORE VALUES OF INTEGRITY, COMPASSION, AND DEDICATION REMAIN THE GUIDING PRINCIPLES OF THE TEACHING PROFESSION.

CONCLUSION

FROM THE ANCIENT SAGES OF INDIA'S PAST TO THE DEDICATED EDUCATORS OF THE PRESENT DAY, THE TEACHER HAS BEEN A BEACON OF LIGHT, GUIDING HUMANITY ON THE PATH OF KNOWLEDGE, WISDOM, AND ENLIGHTENMENT. AS WE CELEBRATE THE RICH LEGACY OF THE TEACHER-STUDENT TRADITION, LET US REAFFIRM OUR COMMITMENT TO HONORING AND SUPPORTING THE TIRELESS EFFORTS OF TEACHERS IN SHAPING THE MINDS AND HEARTS OF FUTURE GENERATIONS. THEIR INFLUENCE TRANSCENDS TIME AND SPACE, EMBODYING THE TIMELESS WISDOM OF ANCIENT INDIA IN THE MODERN WORLD.

STUDENT ARTICLES

DAD- WONDERFULLEST MAN IN THE WORLD

DAD IS THE WORD WHICH MAKES ME SMILE AND MY DAY BRIGHT. HE IS THE REAL HERO AND FIRST TEACHER OF MY LIFE .HE IS THE ONE WHO TEACHES ME GOOD MANNERS, HUMANITY AND THE MORALS OF LIFE. HE IS SOMEONE WHO WANTS TO CATCH YOU BEFORE YOU FALL BUT INSTEAD PICKS YOU UP, BRUSHES YOU OFF AND LETS YOU TRY AGAIN. HE IS THE ONE WHO HOLDS YOU WHEN YOU CRY, SCOLDS YOU WHEN YOU BREAK THE RULES, SHINES WITH PRIDE WHEN YOU SUCCEED AND HAS FAITH IN YOU EVEN WHEN YOU FAIL. I LOVE MY DAD, HE MAY BE A THOUSAND MILES AWAY BUT NO ONE ELSE IS CLOSER TO MY HEART THAN HIM. THANK YOU DAD, FOR BEING MY PILLAR OF STRENGTH AND FOUNTAIN OF WISDOM.



- PORAM.THANUSRI

STUDENT RESPONSES

POETRY



ప్రియమైన నీకు,

అమాయకంగా చూసే నీ చూపులలో దాగివున్నాయి ఎన్నో రహస్యాలు,
పలకని ఆ పెదవులు వెనకున్నాయి పులకరింప చేసే ఆ చిరు నవ్వులు.
నిర్మలమైన మనసుతో నిండి ఉంది నీ హృదయం,
నువ్వు వస్తావని అని ప్రతిక్షణం ఆశ కలిగిస్తుంది నీ ముఖచిత్రం.
ఆఖరిగా ఒక మాట,

అమ్మ ఎలా అయితే తన బిడ్డ పుట్టిన క్షణం నుంచి తాను పైకి ఎదిగే దాకా
తోడుగా ఉంటూ ఎంత జాగ్రత్తగా చూసుకుంటారో అంతే జాగ్రత్తగా
చూసుకుంటూ తోడుగా ఉంటా అని నీకు నేను మాటిస్తున్నాను.

ఇట్లు,
నీ ప్రియమైన నేను.

-P.AKANKSHA



*జీవితం ఒక ప్రశ్న పత్రం

దానికి శ్రమే సూత్రం!

*తప్పుచేసి తప్పించుకోవచ్చు

కానీ కర్మ కాటికి వరకు వెంటాడుతూ ఉంటుంది!!

* కాలకాలం ఉండాలి...

అనుకున్నా నీ కళ్ళు

కలలోకి వచ్చి కనుమరుగవుతున్నాయే.

* కడలిలాంటి నీ కల్ల కోసం కాగడ పట్టుకొని యెదురుచూస్తున్నా కాపరి
నేను

-V.KESAV SAI

PHOTO*G*ALLERY



G. NARENDRA





SARIPALLI MANASA



P THANUSRI

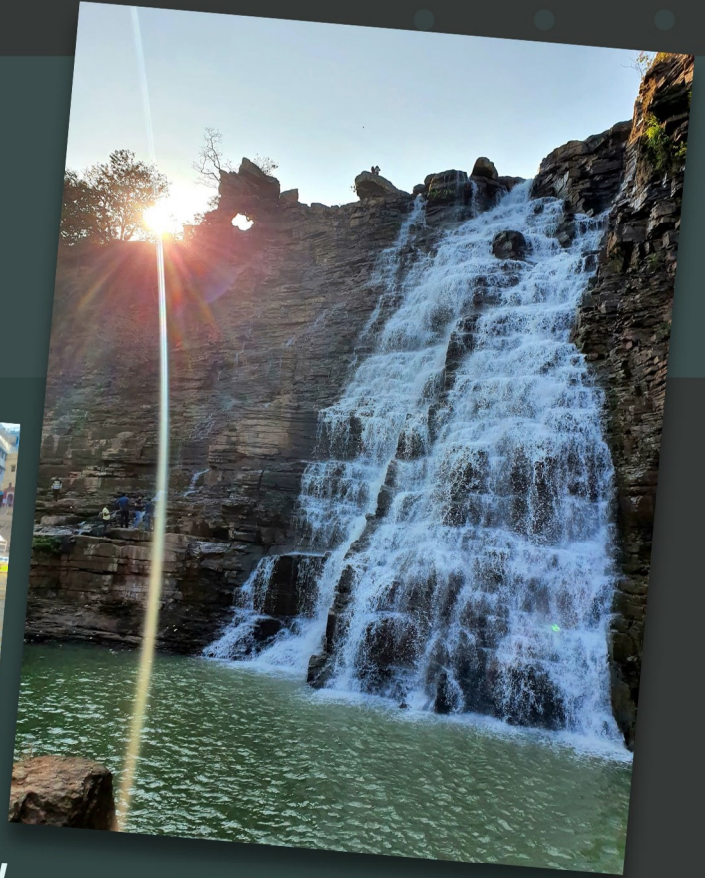


D RAJASHEKAR





AVS GAYATRI



ROHITH

FEMINA WING



R. HEMALATHA

VICE PRESIDENT, FEMINA WING

AS THE HEARTBEAT OF OUR COLLEGE, THE FEMINA WING STANDS AS A BEACON OF EMPOWERMENT, IGNITING THE FLAMES OF INSPIRATION AND COURAGE ACROSS OUR CAMPUS. IT'S NOT JUST A WING; IT'S A RELENTLESS MOVEMENT, A FORCE THAT CELEBRATES THE ESSENCE OF WOMANHOOD IN ALL ITS MAGNIFICENCE. AS THE VICE PRESIDENT OF THE FEMINA WING, I AM PROFOUNDLY BLESSED TO HELM THIS ROLE, ENTRUSTED WITH THE RESPONSIBILITY OF NURTURING, GUIDING, AND AMPLIFYING THE VOICES OF OUR REMARKABLE WOMEN. IT'S A PRIVILEGE TO WITNESS THE TRANSFORMATIVE JOURNEYS, THE TRIUMPHS, AND THE RESILIENCE THAT DEFINE OUR COMMUNITY. IN EVERY CORNER OF OUR CAMPUS, THE SPIRIT OF FEMINA RESONATES, ECHOING THE STORIES OF STRENGTH, RESILIENCE, AND BRILLIANCE THAT DEFINE THE WOMEN WITHIN OUR COMMUNITY. IT'S ABOUT DISMANTLING BARRIERS, CHALLENGING NORMS, AND SCULPTING A TOMORROW WHERE EQUALITY ISN'T JUST A DREAM BUT A REALITY, WE BREATHE EVERY DAY. FEMINA ISN'T CONFINED TO MERE WORDS OR GESTURES; IT'S A SYMPHONY OF VOICES RISING IN UNISON, A KALEIDOSCOPE OF DREAMS INTERTWINING TO CREATE A FUTURE WHERE EVERY WOMAN WALKS TALL, UNBOUND BY STEREOTYPES OR LIMITATIONS. "MAY OUR UNITY BE THE CANVAS, OUR DIVERSITY THE PALETTE, AND OUR EMPOWERMENT THE MASTERPIECE, AS WE PAINT THE STORY OF FEMINA'S LEGACY TOGETHER."

ON INTERNATIONAL WOMEN'S DAY, 8TH MARCH, 2010, 'FEMINA WING' TOOK ITS SHAPE AT LENDI WITH THE ENTIRE FEMALE FACULTY AS ITS MEMBERS. THE VISION OF THE WING IS TO CREATE A POSITIVE SPIRIT AMONG THE GIRL STUDENTS AND DRIVE THEM TOWARDS A RIGHT PATH.

VARIOUS ACTIVITIES CONDUCTED IN OUR DEPARTMENT:

FRUITS DAY : TO MAKE A HABIT OF HEALTHY DIET.

MOTIVATIONAL SESSIONS : TO EMPOWER THE ATTITUDE OF THE GIRL STUDENTS.

CULTURAL EVENTS : TO MAKE AWARE OF THE INDIAN TRADITION.



COORDINATORS



A.MARY NIKHITHA



K.SRI VIDYA



P.VARSHITHA

NSS

THE NATIONAL SERVICE SCHEME IS AIMED AT DEVELOPING STUDENT'S PERSONALITY THROUGH COMMUNITY SERVICE. THE PROGRAM AIMS TO INCULCATE SOCIAL WELFARE IN STUDENTS, AND TO PROVIDE SERVICE TO SOCIETY WITHOUT BIAS. UNDER THIS NSS UNIT WE ARE ORGANIZING VARIOUS EVENTS AND SOME OF THEM ARE AS FOLLOWS:

- *YOGA DAY, YOUTH DAY, GANESH CHATURTHI, CHILDREN'S DAY AT ORPHANAGES, CHRISTMAS EVE CELEBRATION, NEW YEAR CELEBRATIONS, MAATRU BHASHA DHINOTSAVAM, NSS DAY ETC*
- *VISITING AND INTERACTING WITH PEOPLE AT DUMB & DEAF SCHOOLS, ORPHANAGES, OLD AGE HOMES AND OTHER BY SPENDING TIME WITH THEM FOR A WHILE BESIDES SERVING.*
- *MEGA BLOOD DONATION CAMPS, SPECIAL CAMP FOR 7 DAYS BY ADOPTING A VILLAGE & HELPING THEM BY SOLVING THEIR COMMON ISSUES AND ORGANISING FREE MEDICAL CAMP FOR PEOPLE OVER THERE.*
- *PARTICIPATING IN NATIONAL INTEGRATION CAMPS PROMOTING DIFFERENT TRADITIONS & CULTURES, NATIONAL YOUTH COUNCIL OF INDIA PROGRAMS & COMPETITIONS SHOWCASING TALENTS IN DIFFERENT CRITERIA.*



RECAP OF LAKSHYA 2K23



Annual fest 'Lakshya' held at Lendi College

A workshop on 'Electrical Vehicle' and various competitions were organised as part of the programme

HANS NEWS SERVICE
VIZIANAGARAM

THE Lendi College students of electrical branch organised annual festival 'Lakshya' at the campus on Friday.

Addressing the students, Principal Dr VV Rama Reddy said that the "Electrical department will take the lead in all matters and advised the students to enthusiastically participate in all events."

G Tammi Raju, Senior Manager and Center Head of Tesolve Semiconductor Pvt Ltd advised the students to

pursue technical education with clarity and commitment to embrace the new job opportunities that are coming with the revolutionary changes in technology.

He said that electrical engineering students will have a bright future in alternative energy sources, electrical vehicles and chip designing and appreciate the EEE department of Lendi College for preparing students for the same.

Later, a workshop on "Electrical Vehicle" and competitions like Project

Expo, Poster Presentation, Robo race, and Robo wars was organised as part of the programme. Students from various colleges participated in the programmes.

Prizes were distributed to students who excelled in PPT presentations, Project Expos, Robo Races, and Robo Wars.

HOD Dr. K. Subbaramiah, Vice Principal Dr. Haribabu Tammineni, AV Parankusam, Placement Dean G. Prakash Babu and others were present on the occasion.



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SPORTS AND TECHNICAL EVENTS



TECHNICAL QUIZ



TECHNICAL ESSAY



TECHNICAL QUIZ



TECHNICAL QUIZ WINNERS



TECHNICAL QUIZ RUNNERS

SPORTS AND TECHNICAL EVENTS



CRICKET WINNERS BOYS III EEE-A



TEAM EEE



THROW BALL WINNERS IV EEE-A



CRICKET RUNNERS GIRLS III EEE



INAUGURAL CEREMONY OF SPORTS BY HOD



CRICKET RUNNERS BOYS IV EEE-B



KHO-KHO WINNERS II EEE-B



KHO-KHO RUNNERS III EEE-B



CRICKET WINNERS GIRLS IV EEE

CONGRATULATIONS !

SUCCESSFULLY PLACED IN



D.V .R. ANJANA

 **HEXAWARE**
4 LPA



M. ANIL KUMAR



K. JOSHNA



B.DEEPIKA



P. MANOHAR

 **accenture**

4.5 LPA



R. ANIL KUMAR



V. PAVANI

BIG WORKS

4 LPA



G. GREESHMA



T. ANURAG



**V. CHAITANYA
LAHARI**



GROWCONTROLS™
2.1 LPA



K. KANAKARAJU



K. SANYASI NAIDU



**T. SAI PAVAN
KUMAR**



invenio

4.5 LPA



K. DIVYA

tvarana 

4.5 LPA



A.V.S GAYATHRI



M. ANIL KUMAR



TECHNOLOGIES

3.5 LPA



A. MARY NIKITHA



V. KESAV



A.U.V.V.S. SEKHAR



K. MANOJ

POLYCAB

IDEAS. CONNECTED.
3.6 LPA



P. YERNAIDU



M. BHARATH



K. DURGA VARA PRASAD



D.RAJA SEKHAR



M.RAMU NAIDU



N.NIKHIL



CH.DURGAPRASAD

Jobiak

2.8 LPA



CH.SAI KUMAR



**S.SHAMSHEER
AHAMAD**



D.DURGA PRASAD



P.YERNI RAJU



CH.SAI MOULI

DEPARTMENT OF EEE

FACULTY



4TH YEAR EEE



3RD YEAR EEE



2ND YEAR EEE





Department of Electrical and Electronics Engineering

FIND DEPARTMENT OF EEE ON THE FOLLOWING SOCIAL MEDIA



@LAKSHYA_EEE

LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY