

COMMUNICATION ENGINEERING

MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE





About Our College



Malineni Lakshmaiah Women's Engineering College was established in the year 2008. The Institution is ideally located near Pulladigunta on Guntur – Parthipadu road at distance of 8 k.m in a vast expanse of 35 acres of land.

The college is providing excellent technical education through its well-equipped laboratories and teaching faculty. The faculty members of all the departments are highly experienced in the field of teaching, research and have excellent industrial exposure. The college is offering U.G programmes in the fields of ECE, EEE, CSE, IT and P.G programmes in M.Tech (VLSI), M.Tech(CSE) & MBA. The College is recognized by AICTE and is affiliated to JNTUK, Kakinada, A.P.

Editorial Board:

Mr.Chiluka Ramesh, HOD, ECE

CHAIRMAN'S MESSAGE

MLWEC has made tremendous progress in all areas crossing several milestones within a very short span of time. I feel very happy to know that the students and faculty of the ECE department of MLWEC are bringing out the first volume of the ECE magazine which is intended to bring out the inherent literary talents in students and the teachers also to inculcate leadership skills among them. I am confident that this issue will send a positive signal to the staff, students and the persons who are interested in the educational and literary activities.



VICE- CHAIRMAN'S MESSAGE

I feel extremely delighted to observe that in our college Electronics and Communication Engineering Department is bringing out a Magazine with the dedicated and committed efforts of the faculty and the students of the Editorial Board. The magazine of a college is the reflection of the creativity of the students, involved in multifarious activities. I congratulate the efforts of the members of the Editorial Board that they have brought out this issue of the magazine. This magazine is going to showcase the strength of this college.



Dr.Malineni Perumallu Vice-Chairman Malineni Lakshmaiah Group Of Collges

PRINCIPAL'S MESSAGE

I congratulate the department of ECE, MLWEC for bringing out the first issue of the prestigious department technical Magazine, I am sure that the magazine will provide a platform to the students and faculty members to expand their technical knowledge and sharpen their hidden literary talent and will also strengthen the all round development of the students.



Dr.J. Apparao M.E, Ph.D

Principal

DIRECTOR'S MESSAGE

I congratulate department of Electronics and Communication Engineering, MLWEC for bringing out the first issue of the prestigious department Magazine. I am sure that the magazine will provide a platform to the students and faculty members to sharpen their hidden talents and will also strength the all round development of the students. My congratulations to the editorial board who took the responsibility for the arduous task more effectively.



Dr.P.Nageswara Rao M.E.,Ph.D Director

DEAN'S & HOD'S MESSAGE



Competition is an opportunity to prove one's mettle. If students are on their toes to prove themselves to be true competitors, their success graph is always impressive. The ECE department are putting their best possible efforts to make their students global competitor.

Dr.P.RameshBabu, Dean, Engg



Today's professional students have a special opportunity to aim at national excellence too besides the organizational development and their personal and career progress. I congratulate ECE department for releasing Impulse 2017 magazine.

Dr.T.Nageswara Rao, Dean MBA



I congratulate ECE department for successful releasing of Impulse 2017 department magazine which images the various activities held in the department with great spirit. Education is not preparing for life, education is life itself. I wish all the students of ECE department a great future.

Dr. G. Ramaswami, HOD, CSE



I have long been aware of the dedication and determination of the ECE department. So success on their part is not any surprise to me. I am sure to witness many achievement stories from ECE department in the days to come too.

Dr.A.S.K.Chaitanya HOD,S&H



I congratulate ECE department for presenting first issue of Impulse 2017. The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires and hence it is an inspiration to all other departments

Mr. P. Venu Babu, HOD, IT

INDIAN WORLD RECORD TO MALINENI GROUP OF

COLLEGES: MALINENI MAHA SANKALP 2016

Malineni Group of Colleges has carved a niche for itself in adopting innovative methods to make technical education meet industry and social needs of the nation. The goal is to prepare, not just knowledgeable human resources by certifying them with engineering qualification, but of producing true professionals with desirable traits like right attitude, effective communication, good interpersonal skills, who are quick to learn, and willing to take risks and seek to convert challenges into opportunities.

Human Satellite Launch Vehicle enters record book

The human satellite launch vehicle formed by students of Malineni Perumallu Educational Society's Group of Institutions and Malineni Lakshmaiah Women's Engineering College propelled the Institutions into the hall of fame as it entered the Indian Book of Records.

Over 2016 students arranged themselves in a grid as a fitting tribute to the country's missile man and former President Dr. A.P.J. Abdul Kalam. Malineni Group of Colleges Vice Chairman Dr. Malineni Perumallu presided over the programme along with N. Saranya Ram, Personality development trainer.

Mr. N. Saranya Ram later spoke on the inspirational life of Dr. A.P.J. Abdul Kalam as the students listened by sitting in the grid. G.V.N.R.S.S. Vara Prasad, adjudicator of the event, then announced that the two events were entered in the **Indian Book of Records.**

Indian World Record certificate is presented to Malineni Group of Colleges on 30th March, 2016. Special recognition and Commendations are conveyed upon being recognized for outstanding record attempt dedicating to Dr. A.P.J. Abdul Kalam by creating the "World's Largest Human Satellite Launch Vehicle" which includes 2016 student and staff of Malineni Group of Colleges, by memorising the services in the field of Science & Technology have been appreciated at Pulladigunta, Guntur, Andhra Pradesh, India. Former MLC, K.S. Lakshmana Rao, Rector ANU, K.R.S. Sambasiva Rao and DSP Guntur, Sri. G. Lakshmaiah congratulated the students



Indian World Record Certification presented to Malineni Group of Colleges,
Dr. M. Perumallu, Vice Chairman



Indian World Record Celebrations and 2016 Students arranged themselves in a grid to grand bid tributes to Dr. A.P.J Abdul Kalam

Principal, MLWEC, Dr. J. Appa Rao, Vice-Prinicipal, MPES, Dr. A. Subrahmanayam, Dean Engineering Dr. P. Ramesh Babu, Dean MBA, Dr. T. Nageswara Rao, HODs and Faculty members were present.

Dr. Malineni Perumallu, Vice Chairman congratulated all the Faculty and Students of our prestigious Malineni Group of Institutions of Guntur for an outstanding and Commendable achievement of creating Indian World Record by forming "World's Largest Human Satellite Launch Vehicle" dedicated as great Tribute to Dr. A.P.J. Abdul Kalam with 2016 students and staff of our beloved Malineni Group of Colleges by memorizing the yeomen services in the field of Science and Technology.

Dr. MALINENI LAKSHMAIAH,

CHAIRMAN OF MALINENI LAKSHMAIAH GROUP OF COLLEGES, AWARDS

Malineni Lakshmaiah Group of Colleges were established in the year 1999 by "Malineni Perumallu Educational Society's" at singarayakona, Prakasm Dist., built in an a vast land amidst pleasant and stimulating natural environment with an excellent infrastructure under the Chairmanship of Dr. Malineni Lakshamaiah, a renowned social worker, Cine Producer, recipient of "Excellency award", "Indira Gandhi Sadbhavana Award" with the main objective of imparting value based education to the society. His visionary efforts and commitment to the society played a pivotal role in providing quality education to help the rural students in uplifting them to succeed in the career.



Dr. Malineni Lakshmaiah receiving "Prathibha Puraskhar Award 2016"

Under the capable leadership of the founder and visionary Chairman, Dr. M.Lakshmaiah, and the able stewardship of the Vice-Chairman Dr. M. Perumallu, assisted by a team of highly dedicated and experienced Deans and senior faculty, a vibrant student centred environment is created with a host of opportunities for rich and diverse experience of study, training, and industry exposure.

Dr. Malineni Perumallu the Vice-Chairman of this Group of Institutions is embodiment of optimism, patience, perseverance, commitment, self discipline, self confidence and thus dedicated himself for the cause of imparting value based education to common man.

'Attack' a sensational hit

Ram Gopal Varma has his great actors who come up with a restrained, mature performance. Be it Prakash Raj, Jagapati Babu or Manchu Manoj, they lend gravitas to their parts. Dr. M. Lakshamaiah is the Co-Producer for this block buster hit "Attack".

MALINENI LAKSHMAIAH GROUP OF COLLEGES: COLLEGE ACTIVITIES





ONE DAY CAREER CONFERENCE EMPLOYABILITY AND EMPLOYMENT OPPORTUNITIES ASPIRE



FACULTY DEVELOPMENT PROGRAMME



HAPPY SUNDAY PROGRAMME



HAPPY SUNDAY PROGRAMME



CYCLOTHON PROGRAMME

MALINENI LAKSHMAIAH GROUP OF COLLEGES: COLLEGE ACTIVITIES





MINORITIES MEGA JOB MELA HELD ON 25-03-2017 AND 26-03-2017 AT MPES



SRI. K.S.LAKHMAN RAO GARU



DR. B.V. PATTABHI RAM GARU



MALINENI TECHNO EXPO-17, MPES



AWARENESS ON EAMCET ON LINE EXAM

RAPSODIZ 2016: A NATIONAL LEVEL STUDENT TECHNO CULTURAL FEST

Rapsodiz-2016 a two day National Level Student Techno-Cultural Festival has been inaugurated by Chief Guest of the function *Sri. Rayapati Srinivas, Ex-MLC,* Guests of honor *Sri. Gundu Hanumanthara Rao, Cine Actor and Smt. Chitra Lekha, Cine Actress.*



Cultural Performance and Lighting of Lamp by Dignitaries on the dais



Sri. Rayapati Srinivas, Addressing students Felicitation of Guests



About Department of ECE

The Department of Electronics and Communication is one of the major departments of MLWEC since its inception in the year 2008. The Department of ECE has an intake of 120 in B.Tech program and is also offering M.Tech program in VLSI. The ECE department is indeed fortunate to have an excellent team of faculty members, and support staff members who are committed to the cause of quality technical education with patience, hard work, still and sincerity. The department has well equipped laboratories to cater to the needs of the JNTUK curriculum effectively. These laboratories have been meticulously planned and all these laboratories have state-of-the art equipment.

The faculty members of this department play an active role in various college activities like conducting Guest Lectures, Workshops, National Level Technical Fests, Industrial visits, Fresher's and Farewell day etc. Personal counseling is an integral part of the department's teaching program. The department has good interpersonal relationships amongst its faculty and the students.

The students of this branch are also taking an active role in sports like throwball and kabbadi. Several students have participated in paper-presentations, seminars, and technical quizzes. It is a matter of pride to the department that its alumni have occupies enviable positions in various reputed organizations and some of them are pursuing higher education in esteemed universities in US, UK, Germany and Australia

DEPARTMENT VISION

Our vision is to develop the department in to a full-fledged Centre of learning in various fields of Electronics and Communication Engineering keeping in view the latest developments and to invoke enthusiasm among the students to continually renew their education in rapidly developing technological scenario

DEPARTMENT MISSION

Our mission is to inculcate a spirit of scientific temper and analytical thinking and train the students in contemporary technological trends in electronics and communication to meet the challenging needs of the industry by providing versatile sound knowledge in the field of engineering and technology

HOD'S MESSAGE



Chiluka.Ramesh,HOD,ECE

I feel privileged in presenting the First issue of our department magazine Impulse 2017. I would like to place on record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success. My special thanks to Dr. Malineni Perumallu for his guidance which enabled me to bring out this volume. It is my moral duty to thank him for giving support and encouragement. I express my appreciation for Association member's for their restless efforts in shaping this magazine and make the magazine popular. I specially thank Dr. Aluri Subrahmanyam, Sr. Professor, CE for his guidance in drafting text used in Impusle 2017

ECE LABS



AC&DC Labs



EDC& ECA Labs



PDC&ICA Labs



MWE& OC Lab



DSP LAB



MPMC & VLSI Lab

ECE DEPARTMENT FACULTY MEMBERS



CHILUKA.RAMESH HOD,ECE



K.RAVIKUMAR
ASSOCIATE PROF



G. NIRMALAKUMARI ASSOCIATE PROF



Y.BHASKARA RAO
ASSOCIATE PROF



P. NARAYANA SWAM ASSISTANT PROF



K.SARADA
ASSISTANT PROF



D.VIJAYA SARADHI ASSISTANT PROF



K. SWETHA
ASSISTANT PROF



P. BUJJI BABU ASSISTANT PROF



S.RATNAKAR
ASSISTANT PROF



K.HARIBAUI
ASSISTANT PROF



K. SWETHA
ASSISTANT PROF



K.D.L.PRASAD



K.SRINU NAIK LAB TECHNICIAN



G. DAYAMANI LAB TECHNICIAN

HOPS









Robotics & PCB Workshop held on 15-06-2011





Embedded Systems Workshop in association with Microlink, Vijayawa<mark>da held on 31-06-2</mark>015

WORKSHOPS





Robotics held in Association with Data Point on 10-03-2017 & 11-03-2017





Robotics held in Association with Data Point on 10-03-2017 & 11-03-2017





Robotics held in Association with Data Point on 10-03-2017 & 11-03-2017

GUEST LECTURES







"Current Trends in Computer Networking" Lecture by Golar Networks Held on 29/12/2016





Career Guidance by Dr. Murali Krishna, Principal, JNTUN held on 18/12/2016





Electronic revolution and future challenges in VLSI by Dr. Avireni Srinivasulu, Ph.D (Birla Inst of Tech) Dean R&D, Vignan University held on 07/03/2016



Awareness Programme on Anti Ragging held on 14/07/201





Guest Lecture on "Current Situation and the Challenges" held on 20/07/2016





FDP on "Research Activities" Dr. Lingaraju Dumpala, Asst Professor, JNTUK, held on 10/12/2016



Personality Development Program by Dr. A. Chiranjeevi Held on 27/07/2016





Vanam Manam programmeld on 29/07/2010





Radio Mire

n held on 28/10/2016



TV program Held on 03/12/2016

ENGINEER'S DAY CELEBRATIONS



PROJECT EXPO



ELOCUTION



WOMEN'S DAY CELEBRATIONS



మలినేని లక్ష్మయ్య మహిశా ఇంజినీలింగ్ కళాశాలలో కేకు కోస్తున్న అచార్యులు నిర్మలకుమాలి, విద్యాల్థినులు



TEACHER'S DAY CELEBRATIONS

FRESHER'S DAY CELEBRATIONS





















Parichay 2016

FAREWELL DAY CELEBRATIONS 2017



























INDUSTRIAL VISITS





Students visited Doordarshan Studio, Vijayawada on 26/07/2016





Students visited All India Radio, Vijayawada on 16/12/2016





Students visited Numbur Transmitter, Vijayawada on 16/12/2016





Students visited Efftronics, Vijayawada on 29/10/2016





Students visited Cyclone Detection Radar Station, Machillipatnam on 27/12/2016

ACADEMIC TOPPERS

IV B.TECH ECE



KONAKANCHI (13KE1A0428)



KKA NAKMAI KE1A0402)



3KE1A0429)



SK. SHABEENA (13KE1A0453)

HI B.TECH ECE A & B



M.V.S USHA SRI (14KE1A0451)



R, Y LAKSHMI (14KE1A0472)



K.NAVYA (14KE1A0440)



VIJAYALAKSHMI (14KE1A0443)

ATTORCE A COL



P.ANUSHA (15KE1A0467)



P.RAMYA DEEPTHI (15KE1A0470)



G.CHARISHMA (15KE1A0425)



B.DIVYA (15KE1A0408)

PLACEMENTS RECORD (2016-17)



SK. JASMINE ALLSEC



SK.RIZWANA HGS, ALLSEC



SK.SHABEENA ICICI, HGS, ALLSEC



VASANTHA DIVYA HGS, ALLSEC



ALLSEC



S.SRAVANI ALLSEC





Hearty Congratulations to our student

Receiving 3 Gold Medals from Padma Vibhushan Dr. E.Sreedharan, Former Delhi Metro Chief, New Delhi, Honourable Vice-Chancellor Prof.G. Tulasi ram Das, JNTUK and Prof. E. V. Prasad Registrar, JNTUK



Receiving Cash Award from Sri M. Muralimohan (Cine Star) chairman Dr. Malineni Lakshmaiah



GOLD MEDALS BAGGED BY MALINENI LAKSHMAIAH GROUP OF COLLEGES

STUDENTS ACHIEVEMENTS





ಆಲಾವನ್ <u>පත්රි</u>ක ലാസ

పాల్వాంశం ఆధారంగా సౌర విద్యుత్ వ్యవస్థ పర్నాటు 🖝 ఇంజినీలింగ్ విద్యాల్థనుల కృషి

కృషి, పబ్బుదల, సాదించబల్ను తమ్మన ఉంట బందులోనైనా ఆశించవచ్చని నీరుకేసించారు. తరగతి గదిలో అము చదివిన పార్వాంశాన్ని ఇంగరంగా చేసుకొలిన సౌల విద్యుత్ కృవస్వరు. మ్యాటు చేసి తద్వారా దీపిలుకు వెరిగించి కళా అల ప్రాంగణంలో వెలుగు నింపారు. విద్యుత్ సర

తోత్వరెడుకూరు మండలం ప్రజ్ఞడిగుంటలోని మలినేని క్షయ్య మహిళా జంజికీరంగ్ కళాశాల మంతి గృహింలో బీతు రివరి సంవత్సరం రమవుత్తున్న విధ్యాక్షినులు ఓ అంది ప్రయోగాగు మేస్ పరితాన్ని రాబట్టారు తరసత్ గుంలో గారాలు రదువుకోవడమే కాకుండా అండులో ఉన్న సారాల న్న సూడాలను ఆకరింపు చేసుకున్నారు. రెన్యూబులో







దీమం తింది చదువుతున్న విద్యా సమాతారంతో కళాశాలలో సొర విద్యుతో వ్యవస్థను ఏర్పాటు చేళారు ఇందులోని నినిశాన్ అనే నెమ్ కురక్కర్ ద్వారా జర్వ్యమ్య్ ఎల్మ్మాన్స్ హార్మీలు విడిపోయి కారిస్ సమ యంలో వెల్లదర్యు శక్తి నుంచి వెలుగులు పొందవర్నని తెలుమకున్నారు కళాశాల ప్రిన్నపర్ ఎం సుజ్బారాయుడు హార్మెక్ షఫీలతో చర్చించారు ఒక్కు మీరం తయారు చేయడానికి అయిన దూ 17 వేలు జర్చును కళాశాల భరిం ఏరిని ఇందుకు ఇవాల్మిన విడి అగాలను తెప్పురుకున్న కళాశాల ప్రయోగళాలలో దీపాలను దూపొందికండారు కళా ఇల భవనాలకు వెలుపల భూమిపై సూర్య కరవాలు నిత్యం స్వీకరించేలా ప్రత్యేకంగా నాలుగు ప్రంతాలను ఏర్పాటు చేశారు వాడిపై దీపాలను అమర్పారు.

మానవ రహితంగా పని వేస్తాయి

మానిన రహాతంగా ఎన చిన్నాయి.

ఈ సౌర విద్యుక్ రీపాలు మానవ రహితంగా పని
చేసూ విధ్యార్యలు ఈాపాందించరు విశేఘ ర్జీకి పడినప్పుడు చాటంతట అవే వెలగడం ఉరయం ఆరి పోటు జరిగీలా వ్యవస్థను ఏర్పాటు చేశారు. వాతాన రజ శాలుప్పం లేకుండా వెలుతురు పొందరం శోసం పేటిని ఏర్పాటు చేసినట్లు విద్యార్థలు వివరించారు పేటి నిర్వహణకు ఎలాంటి జర్బు ఉందరిని పేర్కొ న్నారు. వీడికుల్ల కాల్లి చేశ విద్యుత్ సమస్యలను అది గమించామని తెలిపారు.

ණ්දා්දාවල් ආක්ථුන න්ය^{්ධි}න ද්ලසිද්

పుల్లడిగుంట(ක්සී చెరుకూరు)న్యూస్ టుడే పుల్లడిగుంట మలినేని లక్ష్మయ్య మహిళా ఇంజినీరిగ్ కళాశాల రెండో సంవ త్సరం ఈసీఈ విద్యా ర్థిని డ్రవళ్లిక ఇటీవల వీజ్ఞాన్ లారా ఇంజినీ రింగ్ కళాశాలలో జరి గిన విజ్ఞాన్ నిరులో త్సవ్ కార్యక్రమంలో షాట్ఫుట్లో డ్రతిభ చూపి ద్వితీయస్థానం



ప్రవర్ణికకు జ్ఞాపిక, ప్రశంసాపత్రం, నగదును అందిస్తున్న డ్రిన్సిపల్ జె.అప్పారావు, ఈసీఈ విభాగాభిపతి రమేష్లు

ఏర్పాటు చేసిన ప్రత్యేక కార్యక్రమంలో ఈ కార్యక్రమంలో ఈసీఈ విభాగాధిపతి ఆమెకు జ్ఞాపిక, స్థశంసాపత్రాలు, నగదు చిలకా రమేష్ పాల్గొన్నారు.

సాధించారు. గురువారం కళాశాలలో బహుమతులను ట్రిన్సిపల్ అందించారు.

కబడ్డీ పోటీల్లో ఇంజినీలంగ్ విద్యార్థినుల త్రతిభ

పుల్లడిగుంట(వట్టిచెరు **కూరు,న్యూస్ట్ టుడే):** గ్రామీణ గుంటారు మండలంలోని బుడంపాడు జీవీఆర్ఎస్ ఇంజి నీరింగ్ కళాశాలలో ఇటీవల జాతీయ స్థాయి మహోత్స వాల్లో భాగంగా నిర్వహించిన కబడ్డీ పోటీల్లో పుల్లడిగుంట మలినేని లక్షుయ్య మహిళా ఇంజినీరింగ్ కళాశాల విద్యార్ధి నులు ప్రథమ స్వానం సాధిం చారు. అక్కడ నుంచి వారికి



వచ్చిన రూ. 8వేల నగడు, జ్ఞాపిక, ప్రశంసా పత్రాలను కళాశాల వైస్వైర్మన్ మరినేని పెరు మాళ్లు, డ్రిన్సిపాళ్లు జె.అప్పారావు, పి.నాగేశ్వరరావు ఆదివారం అందించారు. క్రీడల్లో రాణించే విద్యార్థులకు ఎంత ఖర్చు అయినా తాము భరిస్వామని పెరుమాళ్లు చెప్పారు.

Alumni Talk

A.Vasavi Sravani completed B.Tech from this college in 2016. I am currently working at EGLOBAL Data Services, Hyderabad. I would like to convey my thoughts about the time spent in college and also about my wonderful experience at MLWEC. At first I was quite apprehensive about joining a new college but when I had first visited the college on the Orientation Day I was very much impressed by the infrastructure of the college- the lush green campus, the huge college building, big play ground etc.



K.Sushma completed B.Tech from this college in 2015. We have had ample opportunities to hone our skills by taking part in all kinds of events such as debate, quiz, powerpoint presentations, seminars and cultural activities such as a grand traditional day where we could showcase our singing, dancing and acting skills. Academically the college has given me a lot of knowledge and understanding of subjects not just theoretically but also in a very practical manner.



K. Malleswari completed B.Tech from this college in 2016. We owe an excellent start to our career to this college. All this was only possible due to only one whose dynamic thinking and emphasis in overall development has led to this success he is our beloved Principal, Dr. J. Apparao. All this was possible due to the hard efforts put in by the well trained faculty who are very skilled in whatever they teach.

P.Udaya Lakshmi completed B.Tech from this college in 2012. I take this opportunity to thank our Principal, Dr. J.Apparao for helping me achieve what I am today. I am extremely overwhelmed and grateful to this institute for giving me an opportunity to share my thoughts and about my beloved college – MalineniLakshmaiah Women's Engineering College. The four years of college was not just a learning time but also a personality development time for all of us.



ALUMNI



2009 admitted students of ECE department (2009-2013)



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