



Editors Desk

We are delighted that 5th volume and 2nd Issue of the **Echoes**, our official news letter of the year 2019 is all set.

A great deal has been going on this semester, and we have it.

You may see a couple of changes this time around. We trust the resolute endeavors have at long last satisfied. Sorting out the frayed thoughts into this staggering magazine was for sure an overwhelming undertaking; restless evenings; composing and altering a load of articles, adjusting creation of this magazine in restricted time allotment, more or less. It is truly inspiring to see every one of these commitments. The Editorial Board appreciates the time and exertion that has been committed by the different contributors and might want to express gratitude toward them all. Cheerful reading!!!!



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DEPARTMENT OF ECE

ECHOES

Be shared with our Endeavors, Compliments, Events and Happenings

Principal's Foreword

The branch of Electronics and Communications delighted as it marks the release of the reputable department newsletter "ECHOES" with the effectual motto "GO GREEN".

Our goal is to create a category of certified, revolutionary and dynamic specialists for the betterment of society. As the Principal of this College, it gives me colossal satisfaction to peer college students who work collectively to create outstanding modifications for self and society.

"He who's firm in will, moulds the world to himself".

I wish our college students a satisfied journey to achieve all their aspirations in lifestyles!!!

- Dr. J.Appa Rao

HOD Speaks

People relying on yesterday's concept haven't any threat of survival in these day's competitive surroundings in which trade is at the velocity of concept. The pace of change requires continuous development and steady studying. Keeping this in mind, we educate our students to be completely organized for the challenges of the destiny. We offer revolutionary and experimental coaching methods to make a studying procedure extraordinarily fun and enlightening.

- Dr.K.Gouthami

Vision of the Department

To be a center of excellence in Electronics and Communication Engineering by providing quality education and producing competent women engineers to address global challenges of the society.

Mission of the Department

- To inculcate professional excellence and research culture through industry institute interaction.
- To impart a deep thirst for a lifelong learning by employing practical teaching and learning methodologies.
- To strengthen professional and soft skills through co-curricular and extracurricular activities.
- To nature ethical and socio-economical values amongst the learners through conducive learning environment.

Programme Educational Outcomes

PEO1: Graduates will be able to showcase their skills in solving real-time engineering problems by using cutting edge technologies.

PEO2: Graduates will be able to succeed in the areas of Electronics and Communication Engineering and other diverse fields by updating themselves with the advanced techniques through lifelong learning skills.

PEO3: Graduates will be able to establish a definite caliber in various interpersonal skills to facilitate excellent expression of their ideas and knowledge

PEO4: Graduates will be able to develop an all-round personality which abides by superior social and ethical standards to add maximum value to the society.

Programme Specific Outcomes

PSO1: Analyze real time problems and provide solutions in the field of advanced communications, signal, and image processing applications.

PSO2: Analyze and develop the components of a system or sub-system using the concepts of embedded systems and VLSI technology.

"Let's Nurture the Nature so that we can have a Better Future."



"NATURE ALWAYS WEARS THE COLORS OF SPIRIT"



This Philips Econova TV is not only made of recyclable materials, but when you turn it off, it automatically switches its consumption to zero watts. The cherry on top is the solar powered remote; you'll never have to get up to switch batteries again!



The aim of "Green Technology" is to make people lives better without compromising on "Quality of LIFE"



Work shop on Optical Communications

The Hands on Training Work shop on "Optical Communications" was held on 20th and 21st of July, 2019 in association with Saudi Telecom company. The Resource Person is Mr.Sk.Rahiman. The session dealt with basic concepts of Optical Communication. The workshop was fully focused on hands on Training with Fiber optic transmission. It was followed by some real time examples. There were 120 participants from IV ECE.



Students attended Workshop at Tech Mahindra

Students of ECE, Malineni Lakshmaiah Women's Engineering college are attended Decentrum community workshop at Tech Mahindra on 20th and 21st July 2019.



Workshop on PCB Designing

The hand on training workshop on PCB Designing was held on 6th and 7th September 2019. Mr.Kartheek and his Team from Indo Global Services-Hyderabad trained the Students. This work shop was fully Hands on Training with Designing Layout soldering, checking outputs of Electronic circuits.



Workshop on Boot Camp on IoT

The Training Workshop on IoT Interfaced Raspberry pi with Python Was held on 22nd Aug to 28th Aug 2019. This workshop dealt with real time applications on Raspberry pi and Arduino with python. Mrs. Archana Rao CEO of Mad Blocks and Mr.P.Madhu Director of Mad Blocks are the resource persons .III ECE students are the participants. After completion of this workshop students are able to write the Program in Python with Rasp berry pi and Arduino.



This keyboard is the first eco friendly keyboard with Bluetooth capabilities. Made out of 92% bamboo it is recyclable renewable and portable

Inauguration of Eleven01 at Tech Mahindra

First India's Biggest Block chain Network "Eleven01" launched by Tech Mahindra on **June 13th 2019**. Mr.Rama Iyer, President & CTO - Eleven01, Mrs.RamaDevi, OSD, Emerging Technology Telangana Government, Mr. Rajesh Doddu are the chief Guests. Some of our students are got Invitations for the Inaugural Program. Along with the students Dr.K.Gouthami Head of the Department attended the Inauguration function at Tech Mahindra.



Inauguration of IETE

The inauguration of IETE STUDENT CHAPTER (ISO) was held on Wednesday the 17th JULY, 2019. The college faculty coordinator for IETE Chapter **Dr. K. Gouthami** presented the details of the students enrollment in this chapter. Distinguished Engineer **Mr. Dr. Kalee Prasad, DDK**, Vijayawada and Secretary IETE Vijayawada Chapter honored the function as Chief Guest. Professor Mr. J. Kishore Babu Academic



"HE WHO PLANTS A TREE PLANTS A HOPE"



Seminar on Signal Processing

Mr.Prabhu Chandar CEO of Chandar Research Labs and Mr.Dr.Subbarao Boddu from Ecole Centrale (Tech Mahindra Technology centre) were Delivered the Seminar on Signal Processing. This Program was held on 22nd Aug.2019.Coordinator of this Seminar was Dr.P.Nageswara rao, director, Malineni groups.



Set up for
*AIR in to
PETROL*

Seminar on Challenges in Rocket and Space Craft Technologies

Mr.T.Subba Reddy Former associate Director SHAR Sriharikota delivered a seminar on “Challenges in Rocket and Space Craft Technology” On 25th September 2019.He Introduced latest space Technologies .He created complete awareness of SHAR and ISRO too.



*Carbon
Dioxide and
Hydrogen
combined in
the Reactor to
Produce
Methanol.*

Technology on Wheels Programme

This Programme was organized on 29 August 2019 in association with FESTO (German Company) and APSSDC. Mr.Sameerkhan G.V.Trainer/Engineer created awareness on latest product application of pneumatic technology on industrial automation. It was one of the value added educational programme.



Vinayaka Chaturdi Celebrations Programme

Vinayaka nimajjanam was held on 6th September 2019. The ECE Students won the Laddu Prasadam in auction. Sri Dr. Malineni Perumallu, Chairman and Dr. J. Apparao, Principal of MLWEC attended the end Ceremony of Lord Ganesh.



DESCRIPTION

WATER POWER BATTERY

CALCULATOR

SIZE:

121*87*18MM

*** LARGE LCD 8 DIGIT**

CALCULATOR

*** WATER POWER SOURCE**

PACKING/WEIGHT LIST:

Q'TY: 120PCS

G.W.: 9.50KGS

MEAS:

460*240*180MM

UNIT PACKING:

WHITE BOX

Personality Development Program

Personality development Program was conducted with IIFM Business School, Bangalore on 17 SEP 2019. The Resource Persons are Mr. Jhony Nasa, Mr. Raju, Mr. Vital, and Mr. Soundrya Rajan. 120 students of IV ECE are the participants. Faculty of ECE are the coordinators.



Drone Expo Programme

The Drone Expo Was conducted on 11 September 2019. Mr. Ambula. Gopi Raja founder of **FOPPLE Technologies** Explored the Drone Technologies and its applications. He exposed a remote controlled drone which helps a farmer to spray pesticides to the fields. The drone expo was visited by the Chairman principal, heads of various Departments, faculty members and Students from ECE department and various other Departments.



Hackathon Valedictory Programme

Valedictory of 36 hours Hackathon was held on 11th 2019. Innovative Ideas are implemented as prototype model. The jury members for the Hackathon were Mr. Tarun Kakani GTS Mr. A. Gopi Raja CEO of FOPPLE Technologies, and Mr. Santhosh Chaluvadi CEO of Supraja Technologies. Best ideas were awarded with Cash prizes worth amount Rs 15000/- . Ms. Archana Rao CEO of Mad Blocks Sponsored the cash prizes for the Students.

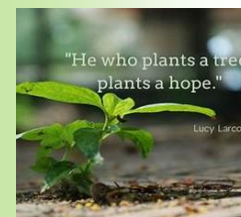


Satish Dhawan 100th Birth Day Celebrations

Padma Vibhushan, Padma Bhushan Sri. Dr. Satish Dhawan was an Indian mathematician and aerospace engineer, widely regarded as the father of experimental fluid dynamics research in India. In Respect to him SHAR Sriharikota has coined the name as Satish Dhawan space Center to Sriharikota space Center. In 1972 Dr. Dhawan became chairman of the Indian Space Research Organization (ISRO) and Secretary to the Government of India at the Department of Space. 100th birthday celebrations organized by ECE Department Mr. T. Subba reddy former Associate Director SHAR attended the Celebrations.



THE WORLD IS CHANGING FASTER THAN EVER. SMART PHONES, TABLOIDS AND OTHER GADGETS SURROUND OUR EVERYDAY LIFE. INFORMATION HAS NEVER BEEN SO HANDY. HERE ARE THE TOP TEN ECO-FRIENDLY APPLICATIONS YOU CAN CARRY WITH YOU ANYWHERE YOU GO.



Fresher's Day PARICHAY- 2K19

Students of II ECE were welcomed the I ECE Students at PARICHAY-2K19. Mr. Kolla Ramesh D.E, Panchayat Raj along with our beloved chairman Sri. Dr. M. Perumallu grace the celebration. All the Faculty of ECE are attended



Radical Thinking for Fundamental Change

Internship Offers by Supraja Technologies

25 Students of III ECE were got Internship Offers From Supraja Technologies .The area of Training is Ethical Hacking and Cyber Security. Best Performers of the Training Period will get the opportunity in the company with an annual pay of **4.25 l p.a.** Mr.Santosh.Ch along with Our Beloved chairman sri. Dr. M. Perumallu issued the offer letters to the Students.



Students Internship at Idea Labs

Students of ECE are got Summer Internship Offers from Idea labs, Hi-Tech City, Hyderabad. The area of Internship was Block chain Technology. The students are attended the training from May 1st 2019 to June 15th 2019.Students got the experience on real time applications.

Selected candidates for Idealabs internship							
S.No	Roll No	Name	Year	Dept	College	Phone	Email
1	187V1A0210	Kaarthikeyan	3	CSE	MPEC	7302792533	kaarthikeyan.187@gmail.com
2	187V1A0242	Rohitha Vemuri	4	ECE	MPEC	7095160591	rohitha1306roohitha@rediffmail.com
3	188S1A0242	P.Ananya	4	ECE	MLEC S KONDIA	9881811459	ananya236@gmail.com
4	188E1A0247	A.Priya	3	ECE	MLWEC	9945353266	apriya123@gmail.com
5	187V1A0268	K.Ganitha Krishna	3	ECE	MPEC	7607912209	ganitha201302@gmail.com
6	188S1A0270	N.Hamangirayudu	4	CSE	MLEC S KONDIA	7096014102	hamangir123@gmail.com
7	188E1A0281	P.Anusha	4	ECE	MLWEC	8490201176	anusha1806anusha@rediffmail.com
8	188S1A0282	P.Siva Lakshmi	4	CSE	MLEC S KONDIA	8705497923	lakshmi1806lakshmi@rediffmail.com
9	187V1A0283	P.Chitra Sri	3	ECE	MPEC	7012162678	chitra1806chitra@rediffmail.com
10	188E1A0477	P.Siva Praveen	3	ECE	MLWEC	6301272011	siva1806siva123@gmail.com
11	17V1A0475	S.Sneha	2	ECE	MLWEC	8133881452	snehasneha12@gmail.com
12	17NE1A0511	Nirva	2	CSE	MLWEC	8963501551	nirva1806nirva11@gmail.com

Students at Idea labs
Hitech city
Hyderabad



A Compressed air Car is a car that uses a motor powered by compressed air.

The car can be Powered solely by air or combined (as in a Hybrid Electric vehicle)

With Gasoline Diesel, Ethanol or an electric plan with regenerative braking.



Placements

Two of Our IV ECE students Ms.Mohitha sai Lakshmi and Ms.Mallika got TCS job opportunity through TCS Ninza Exam. Our beloved Chairman Sri.Dr.M.Perumallu , Director of Malineni group of Institutions Dr.P.Nageswar Rao and Principal of Malineni Lakshmaiah Women’s Engineering college Dr .J.Appa Rao were appreciated the Students.



Ms.Mohitha Lakshmi and Ms.Mallika are from ECE.

ఉద్యోగాలు సాధించిన మహిళా విద్యార్థిణులు



పల్లెటూరు సెంటర్ 18 వ ప్రతినిధులలో మహిళా విద్యార్థిణుల కొరత ఉన్నందున కాలం విద్యార్థులు డీఎన్ఐ ఉద్యోగాలు సాధించారు కొంతమంది విద్యార్థిణులు డీఎన్ఐలో ఉద్యోగం చేసినందుకు తెలిపారు. డీఎన్ఐలో ఉద్యోగం చేసినందుకు తెలిపారు. డీఎన్ఐలో ఉద్యోగం చేసినందుకు తెలిపారు. డీఎన్ఐలో ఉద్యోగం చేసినందుకు తెలిపారు.