

CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY



(Approved by AICTE, Affiliated To Acharya Nagarjuna University)

Chalapathi Nagar, LAM, Guntur-522034

Accredited by NBA NAAC with 'A' Grade



NEWS LETTER

Department of Electrical and Electronics Engineering

WELCOME: "The Newsletter Welcomes You for the Volume-4, Issue-2, July - Dec 2017"

ABOUT CIET:

Chalapathi Institute of Engineering & Technology (CIET) is located at Lam, Guntur, 5 Km from the heart of the city. The college was established in the year 2007. It is affiliated to Acharya Nagarjuna University and approved by AICTE, New Delhi. The main aim is to create unique environment conducive to learning and committed to excellence. The college bestows an erudite atmosphere crafted with ethics, to adorn the education of the students. The college is geared up with excellent facilities and state-of-the-art infrastructure. It inculcates research attitude within the students and concurrently nurtures them with industry-demanding caliber.

VISION: We emphasize the knowledge, skills and experience necessary for students to pursue academic achievement and workforce opportunities. To make the students productive and engaged citizens capable of meeting the complex challenges of a global community

MISSION: To provide world-class education and research opportunities to the regional community, as well as to the nation. To prepare the students for jobs in the engineering profession, research leading to innovative technologies

ABOUT EEE DEPARTMENT:

The Department of Electrical and Electronics Engineering lays emphasis on Teaching and Research activities in diversified areas thereby, moulding the students to be Analytical Thinkers, Skilled Communicators and Ethical Leaders.

VISION: To cater to the needs and aspirations of the people and their development, reach to the world through state of art technologies of electrical and electronics engineering and to serve the society at large.

MISSION:

- To provide the necessary domain expertise and infrastructure to the students.
- To make available the advanced laboratories, application oriented engineering principles for students and researchers.
- To offer research and industry orientation to become successful service oriented technocrats.

HOD's Message

I am happy to note that the magazine brought out in our EEE department is of good quality and taste. Hearty congratulations to the editorial team. The Department's main objective is to conduct competitive research and deliver high quality teaching. We want to develop graduate engineers with the skills, knowledge and imagination to help shape our country. The zeal and fervor with which the department is working will surely achieve many more things in the future as 'Research Centre of Excellence', 'Accreditation', and 'Autonomy'..



G.Nageswara Rao
Professor & HOD

Our greatest weakness lies in giving up. The most certain way to succeed is to try just one more time

Thomas A. Edison

DEPARTMENT ACTIVITIES

1. The Dept of EEE organized a two day international conference on “Recent Advances in Electrical and Electronics Engineering” (ICEEE-2017) from 25th to 26th July, 2017.



Lightening Lamp by Chief Guest
Dr.K.Chandra Sekhar, Professor & HOD of EEE,
RVR&JC Engineering College



Felicitation to the Chief Guest
Dr.K.Chandra Sekhar, Professor & HOD of
EEE, RVR&JC Engineering College

FACULTY ACHIEVEMENTS

Publications in International Journal

1. **Mr.K.Murali Krishna Raju, Mr.P.Ramesh Babu and Mr.K.Enoshan Kumar** published a paper on “AC Small Signal Modeling Technique of Switched Reluctance Motor,” IJMTST, ISSN: 2455-3778 Volume: 03, Issue No: 08, August 2017
2. **Mr.P.Ramesh Babu, Mr.K.Enoshan Kumar and Mr.K.Murali Krishna Raju** published a paper on “A Three Phase Instantaneous Power Based Fault Detector for Digital Relays”, IJMTST, ISSN: 2455-3778 Volume: 03, Issue No: 08, August 2017.
3. **Mr.P.Ramesh Babu, Mr. K.Murali Krishna Raju, Mr. K.Enoshan Kumar** published a paper on “Wireless Power Transmission for Solar Power Satellite”, IJMTST, ISSN: 2455-3778 Volume: 03, Issue No: 08, August 2017.
4. **Mrs.N.Vanajakshi** published a paper on “Power Quality Improvement by Using 24 Pulse AC-DC Converters for an Isolated Hydropower Generation” ICAEASM- Nov 2017 and published IJEECS Journal.
5. **Mr.K.Saida Rao and Mr.K. Rajesh Kumar** published a paper on “APFC Control Strategy for Single Phase Bridgeless Diode Rectifier based on SEPIC Converter” IJMTST, Volume: 03, Issue No: 08, August 2017.
6. **Mr.T.Venkatesh , Mr. K.Saida Rao and Mr.K. Rajesh Kumar** published a paper on “Fault Analyzer using Micro Controller”, International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 08, August 2017, pp.-143-148, ISSN: 2455-3778
7. **T.Venkatesh K. Rajesh Kumar** published a paper on “PV Power System Based Z-Source Inverter to Supply a Sensor less BLDC Motor”, International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 08, August 2017, pp.-164-171, ISSN: 2455-3778.
8. **P.Jyothi** published a paper on “Modeling and analysis of DVR for robustness and constraint with three level inverter using SPWM based controller”.

Workshops / Seminars / FDP Attended

1. **Mr.K.Murali Krishna Raju, Mrs.N.Vanajakshi, Mr.P.RameshBabu, Mr.K.Rajesh Kumar, Mr.K.Enoshan Kumar, Mr.K.SaidaRao, and Mr.T.Venkatesh** attended a seminar on “Role Of Smart Grids in Smart Cities” from 15th to 16th September 2017.at MIC, kanchakacharala.
2. **Mr.K.Enoshan Kumar** attended a faculty development program on “Foundation program in ICT for Education” from 3rd August to 7th September, 2017. at RVR&JC
3. **Mr.P.Ramesh Babu, Mr.K.SaidaRao, and Mr.T.Venkatesh** attended a faculty development program on “Research Methodology and Technical Paper Writing” from 18th to 23rd September, 2017 at Eswar Collage of Engineering.
4. **Mrs.N.Vanajakshi** attended a faculty development program on “Analysis for Electrical Engineering Applications” on 6th to 10th November, 2017 at LakkireddyBali Reddy College of Engineering, Krishna.
5. **Mr.K.Murali krishna Raju, Mr.P.Ramesh Babu, Mr.K.Rajesh Kumar, Mr.K.Enoshan Kumar, Mr.T.Venkatesh** attended a faculty development program on “Real Time Control of Solar Inverters Using DSPACE and DSP” from 13th to 15th November, 2017 at KKR & KSR Institute of Technology & Science, Guntur.
6. **Mr.K.Muralikrishna Raju , Mrs.N.Vanajakshi, Mr.P.RameshBabu, Mr.K.Rajesh Kumar, Mr.K.Enoshan Kumar Mr.K.SaidaRao, Mr.T.Venkatesh, Ms.P.Jyothi** attended a faculty development program on “Education for the Future” from 18th to 19th November, 2017 at Chalapathi Institute of Engineering and Technology, Lam, Guntur
7. **Mrs.N.Vanajakshi** attended a faculty development program on “Applications of Matlab and Simulink” from 7th to 9th December,2017, at Bapatla Engineering college, Guntur
8. **Mrs.N.Vanajakshi, Ms.P.Jyothi** attended a faculty development program on “IOT Based Real Time Control for Industrial Applications Using PIC, Arduino and soft computing” from 15th to 17th December, 2017 at Guntur Engineering College,
9. **Mr.T.Venkatesh** attended a faculty development program on “Alternative Energy Source for Distributed Generation” From 18th to 22nd December,2017 at NITW
10. **Mr.K.Muralikrishna Raju, Mr.P.RameshBabu, and Mrs.N.Vanajakshi** attended a conference on “Power Quality Enhancing by Reduction of Harmonics by Using Fuzzy” from 18th to 19th October, 2017 at SITS, Tirupathi.
11. **Mr.K.Muralikrishna Raju, Mrs.N.Vanajakshi, Mr.K.Rajesh Kumar, Mr.K.SaidaRao, Mr.T.Venkatesh, and Ms.P.Jyothi** attended a International Conference on “Recent Advances in Electrical and Electronics Engineering” (ICEEE 2017) from 25th & 26th July,2017 at CIET
12. **Mrs.N.Vanajakshi** attended a conference on “Power Quality Improvement by using 24pulse ac to dc converter for isolated hydro power generation” 25th & 26th November, 2017 at IETE, Bangalore.
13. **Mrs.N.Vanajakshi** is attended a two day work shop on “Relay Technologies” on VR Sidarda Krishna dist.
14. **Ms.P.Jyothi** is attend a two day work shop on “IOT Based automatic real time application using Arduino control” from 21st to 22nd November, 2017 Francis Xavier, Chennai .

STUDENT ACHIEVEMENTS

1. The Students of EEE Completed Intern ship in following organizations as

S.No	Industry	No.of Students	Duration
1.	National academy of construction	1	2 Weeks
2.	Chakra ElectroTech Pvt. Ltd.	1	2 Weeks
3.	Sree Divya Industries	1	2 Weeks

PHOTO GALLERY



CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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Editorial Board

Chief Editor: Mr.K.Murali Krishna Raju, Assistant Professor, Dept of EEE
Associate Editor(s): Mr. K.Rajesh Kumar, Assistant Professor. Dept of EEE
Student Members: Mr.Ch.V.V.N. Yaswanth (L16EE1231)
 Mr.Ch.Dhanunjaya (L16EE1232)