

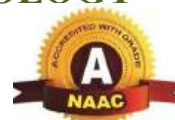
CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY



(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-10, Issue-1, Jan -June 2023"

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: To emerge as an Institute of Excellence for Engineering and Technology and provide world-class education and research opportunities to the students catering to the needs of society.

MISSION:

- To be a student centric institute imbibing experiential, innovative and lifelong learning skills with academic rigor
- To produce graduates who are knowledgeable, innovative and empathetic.
- To inculcate entrepreneurial attitude and values amongst Learners.

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 generate professionally competent, research oriented and eminent technocrats towards the development of state of art products and technologies to face the perpetual requirements of the society and to inculcate the notion of entrepreneurship in the minds of students

MISSION:

DM1: Provide the domain expertise and state of art infrastructure.

DM2: Provide advanced application/research oriented engineering laboratories, for Research and product development.

DM3: Offer a platform for 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'.



Dr. P.SANGAMESWARA RAJU
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

- The Department of electrical and electronics engineering Distributed old clothes to sweepers and scavengers on 04.04.2023



- The Department of electrical and electronics engineering distributed one month's Groceries to Mathrusri Children Orphanage on 03.03.23.



- The Department of electrical and electronics engineering organized a Industrial Visit to “Kumar Pumps and Motors”, Tenali, AP on 06.02.2023



- The Department of electrical and electronics engineering organized One day workshop on “operation, Maintenance and safety of Electrical equipment” in association with APTRANSCO on 08.05.23



- The Department of electrical and electronics engineering organized blood donation Camp.




- The Department of electrical and electronics engineering organized “ National Energy Conservation Day” on 14.12.2022

CIET CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
Chalapathi Nagar , Lam ,Guntur -522034

INSTITUTION'S INNOVATION COUNCIL


NATIONAL ENERGY CONSERVATION DAY

RESOURCE PERSON :




EVENTS:

- AWARENESS PROGRAMME ON ENERGY CONSERVATION
- PPT PRESENTATION
- POSTER PRESENTATION



Dr. P.SANGAMESWARA RAJU
Professor, Department of EEE

VENUE:
A-Block seminar hall



REGISTRATION LINK:
<https://forms.gle/Nsq7sTASV4evPCDf7>

Free registration

Date:14-12-2022

FACULTY ACHIEVEMENTS

Patent

1. **Mr.P Venkata Narendra Kumar** has patent on “Artificial Intelligence based smart health care system for healthy prediction of colorectal cancer using Machine Learning, Data mining and electronic medical records.” is published **26.04.2023**
2. **Mr.P Venkata Narendra Kumar** has patent on “Machine Learning and IoT based automatic prediction and diagnosis of Lung cancer using neural network ensemble with histogram of oriented gradient genomic features..” is published **05.05.2023**
3. **Mr. K.Murali Krishna Raju** has patent on “A Deep-Learning Based Automated Smart Nutrition Monitoring System For Health Care Management Systems For All Ages Of People Using Artificial Intelligence And Iot” is published 27th Feb 2023.

Publications:

1. **Mr.P Venkata Narendra Kumar** published a scopus paper on “An Energy and Area Efficient IoT Architecture For Bio- Medical Applications”
2. **Mr.P Venkata Narendra Kumar**, Sri. P.Venkata Narendra Kumar, I . Sasi Kiran, Sk . Mushruff, K .Suvarna Mani, Sd . Yasin Published A Paper On “Modelling And Control Design For Variable Speed Wind Turbine Energy System”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
3. **Mr. P. Venkata Narendra Kumar**, Sk. Althaf Basha, N. Rajaylakshmi , B. Syam Prasad, K. Lakshmi Srinivas Published A Paper On “Constant Current Fuzzy Logic Controller For Grid Connected Electrical Vehicle Charging”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
4. **Mr. P.Venkata Narendra Kumar**, Sravya Bodanapati, Kollipara Premkumar, Challa Sri Siva Sainadh, Kotla Narasimha Published A Paper On “Ann Based Mppt Applied To Solar Powered Water Pumping System Using Bldc Motor”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
5. **Sri. K.Murali Krishna Raju**, G. Ramya , G. Vamsi Krishna, B. Vamsi , V. Chandra Sekhar Published A Paper On “Fast Dc-Type Electric Vehicle Charger Based On A Quasi-Direct Boost- Buck Rectifier”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
6. **Mr. T Venkatesh**, Bandi Swapna, Medarametla Manikanta, Gogula Hema , Nannam Kondala Rao Published A Paper On “Controller For Charging Electrical Vehicle At Workplaces Using Solar Energy”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023.
7. **Mr. T Venkatesh**, K Venkata Jyoshna Devi, Shaik Sharmila, Siva Nageswara Rao , P Hareesh Published A Paper On “Energy Management Strategy Of A Photovoltaic Electric Vehicle Charging Station”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023.
8. **Sri. M.Malleswara Rao**, N.Venkateswara Rao , K.Venkatesh ,D.Aravind , Nannam Y.Sanjeeva Rao Published A Paper On “Smart Grid Power Quality Improvement Using Modified Upqc”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
9. **Dr. Manne Bharathi**, N. Chandrika, S. Durga Prasad, D. Sai Surya Teja Published A Paper On “Four Quadrant Operation & Control Of Three-Phase Bldc Motor For Electric Vehicles”, In Journal Of

Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023.

10. **Mr. K.Suresh** , G.Pavana Kumari , V.Bhaskar , Ch.Adi, P.Pavan Kumar, P.Suresh Published A Paper On “Modelling Of Hybrid Electric Vehicle Charger And Study The Simulation Results”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
11. **Mr. B. Bala Krishna**, G. Kiranmai , B.V. Pavan Kalyan, J. Gowtham, K.V.K.S. Prasad Published A Paper On “Design And Analysis Of Bi-Directional Dc-Dc Drive For Electrical Vehicle”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
12. **Mr. Md Iliyas**, Meriga Mallikarjuna Rao, Tadakaluri Kiran Kumar, Bandaviramam Naveen, Narra Venkata Ajay Babu Published A Paper On “Converter Control Of Hybrid Electricvehicles”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023
13. **Sri.K. Raju**, Sk.B. Siraj , M. Venkatesh, J. John Wesley, V. Madhu, V. Venkata Srinivasarao Published A Paper On “Vehicle-To-Grid Technology In A Micro-Grid Using Dc Fast Charging Architecture”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023.
14. **Ms. M.Susmitha**, B. Chandrika Chowdary, P. Kiran Kumar , B. Vinay Kumar, K. Sathvik Benagal Published A Paper On “Improved Active Power Filter Performance For Renewable Power Generation Systems”, In Journal Of Engineering Sciences (Ssn:0377-9254), Vol 14 Issue 05,2023.

NPTL Coerces:

1. Mr.Murali Krishna Raju,Mr.B.Bala Krishna, Ms.M.Susmitha got Elite NPTEL Online Certification for successfully completing the course Cloud Computing
2. Mr.T.Venkatesh got NPTEL Online Certification for successfully completing the course NBA Accreditation and Teaching and Learning in Engineering.
3. Dr.B.Bharathi, Mr.K.Raju ,Ms.M.Susmitha got NPTEL Online Certification for successfully completing the course Fuzzy sets, Logic and Systems & Applications
4. Dr.B.Bharathi, Mr.K.Raju ,Ms.M.Susmitha got NPTEL Online Certification for successfully completing the course soft skills development.

Workshops

1. Mr.B.Bala Krishna A Two day Workshop on Recent Trends and Challenges in Power System Transition 28 & 29th March, 2023

STTP/FDP Attended

1. **Mr. K.Murali Krishna Raju**, was participated in the One Week Short Term Training Program on "Design, Implementation and Control of Electrical Systems using MATLAB", organized by the Department of Electrical and Electronics Engineering, Bapatla Engineering College, Bapatla during 3rd to 7th of January, 2023.
2. **Ms.M.Susmitha** Attended One Week National Level On-Line Faculty Development Program (Fdp) On “Electric Vehicles-Technological Advancements And Trends” From 20th February 2023 To 25th February 2023
3. **Dr. Manne Bharathi** has undergone Innovation Ambassador (IA) training 'Foundation Level (Total 15 Sessions of 30 contact hours) conducted in online mode by MoE's innovation Cell & AICTE during the IIC calendar year 2021-22.

PLACEMENTS

- The following students are selected in various organizations from academic year **2021-2022** Till date

S.NO	Roll no	Name of student	Name of the employer	Package
1	Y19EE1203	B Naveen	Tech Mahindra	1.5 to 2.5 LPA
2	Y19EE1204	Bandi Swapna	TekWorks Enterprise Solutions Pvt Ltd.	3.5LPA
3	Y19EE1212	Gudipati Pavanakumari	Bitlabs	3.5LPA
4	Y19EE1213	G.Ramya	Tech mahendra	1.5 to 2.5 LPA
5	Y19EE1220	Medarametla Manikanta	Savantis	2.5 LPA
6	Y19EE1221	Mallikarjunarao Meriga	TCS	3.36 LPA
7	Y19EE1223	Pallapu Siva Nageswara Rao	Tech Mahindra	1.5 to 2.5 LPA
8	Y19EE1224	Prathipati Pavan Kumar	Tech Mahindra	1.5 to 2.5 LPA
9	Y19EE126	B.Sravya	Mind wave infomatics	2.5 LPA
10	Y19EE1227	V Chandra Sekhar	Tech Mahindra	1.5 to 2.5 LPA
11	Y19EE1228	Vempa Venkata Srinivasarao	Tech Mahindra	1.5 to 2.5 LPA
12	Y19EE1229	Vemuri Madhu	Tech Mahindra	1.5 to 2.5 LPA
13	L20EE1240	Kappagantula Vks Prasad	Mind wave	2.5 LPA
14	L20EE1241	K Venkata Jyoshna Devi	DXC technologies	4.2 LPA
15	L20EE1251	Shaik Boddu Siraj	DXC technologies	4.2 LPA
16	L20EE1254	Velpula Bhaskar	KodNest	2.5 LPA

NEWS CLIPS

సాక్షి

అనాధ ఆశ్రమానికి

నిత్యావసర సరుకుల వితరణ



గుంటూరు రూరల్: విద్యార్థులు చిన్ననాటి నుంచే సమాజ సేవను అలవర్చుకోవాలని చలపతి ఇంజనీరింగ్ కళాశాల ప్రెసిసిపాల్ ఎం.చంద్రశేఖర్ తెలిపారు. కళాశాల ఎలైట్ అసోసియేషన్, యలమంచిలి ఫౌండేషన్ ఆధ్వర్యంలో శుక్రవారం పట్టాభిషేకంలోని మాతృ శ్రీ అనాధ పిల్లల ఆశ్రమమానికి నెల రోజులకు సరిపడా బియ్యం, కూరగాయలు, నిత్యావసర సరుకుల్ని అందజేశారు. ఈ సందర్భంగా చంద్రశేఖర్ మాట్లాడుతూ తోటివారికి సహాయ, సహకారాలు అందించే గుణాన్ని చిన్ననాటి నుంచే విద్యార్థులకు అలవాటు చేస్తే సమాజం శాంతియుతంగా ఉంటుందని తెలిపారు. సేవా కార్యక్రమంలో పాల్గొన్న విద్యార్థుల్ని చైన్స్ ప్రెసిసిపాల్ కిరణ్ కుమార్, పి. నరేంద్రకుమార్ ఆభిసందించారు.

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CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Chalapathi Nagar, Lam, Guntur-34

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