

# 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-8, Issue-2, July -Dec 2021"

#### 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

1. The Department of electrical and electronics engineering organized a webinar on “**Renewable integration to Power Systems**” on 10<sup>th</sup> July, 2021. The resource person for this event was Dr. Mahaboob Shareef Syed, Professor, and EEE department, Vignan Lara Institute of Technology and Science, Vadlamudi.
2. The Department of electrical and electronics engineering organized a webinar on “**Multilevel inverter for PV applications**” on 2<sup>nd</sup> August, 2021. The resource person for this event was Dr. M. Venkatesan, Professor, VLITS, Vadlamudi
3. The Department of electrical and electronics engineering organized a webinar on “**Substation equipment**” on August, 2021. The resource person for this event was Dr. Madhusmitha Mohanty, AE, OPTCL, Odissa
4. The Department of electrical and electronics engineering have **Memorandum of Understanding** with Hyderabad Institute of Electrical Engineers on 10<sup>th</sup> November 2021.



5. The Department of electrical and electronics engineering organized a One day work shop on “**Industry Expectations from Young Engineers**” on 10<sup>th</sup> November 2021.



6. The Department of electrical and electronics engineering organized a One day guest lecture on “**Transients in Electrical Circuits**” on 20<sup>th</sup> November 2021.
7. The Department of electrical and electronics engineering organized webinar on “**MATLAB Applications for modeling and simulation of robots**” on 1<sup>st</sup> to 3<sup>rd</sup> December 2021.
8. The Department of electrical and electronics engineering organized a One day webinar on “**Virtual Site Visit On Roof Top Solar PV Plant**” in association with Hyderabad Institute of Electrical Engineers, Hyderabad on 26<sup>th</sup> December 2021

### INTERNSHIPS

1. The following students are completed internships in various organizations for academic year 2021-2022

S.No	Names of the Industry	No of Student participated	Date
1	AP TRANSCO	25	November 2021 to January 2022
2	Water Resource Department	8	November 2021 to January 2022

### FACULTY ACHIEVEMENTS

#### Patent

1. **Mrs.N. Vanajakshi** has patent on a “Data Processing System and Method for Vehicle and Devices” published on 10<sup>th</sup> December 2021.

#### Seminars / Webinar

1. **Mr. M. Malleswararao** Attended one Days National level Webinar on “IPR Innovation and Sustainability” organized by Institution's Innovation on 11<sup>th</sup> October 2021.
2. **Mr. M. Malleswararao** Attendedtwo DaysA Two Day National Level Webinar on Graph Theory and Communication Technology11th to 12th Oct 2021.
3. **Mr. M. Malleswararao** Attended two Days International Webinar on “Applied Research” organized by Bharata Mata College, Thrikkakara, from 23<sup>rd</sup> to 24<sup>th</sup> November 2021.
4. **Mr. M. Malleswararao** Attended one Days One-day National level Webinar on “Intellectual Property Rights (IPR'S)- Patent & Design Process” 26<sup>th</sup> November 2021.

#### Workshops

1. **Mr. M. Malleswararao** Attended A Three Day Online National Faculty Development Programme on “Relevance of Outcome Based Teaching & Learning” from 27<sup>th</sup> to 29<sup>th</sup> October 2021.
2. **Mr. M. Malleswararao** Attended Week National Level E-Workshop on “Research Methodology Tools and Techniques” organized by Department of Hiher Education Rusa, from 1<sup>st</sup> to 7<sup>th</sup> November 2021.

3. **Mr. M. Malleswararao** Attended A Two-week International Workshop Series on “Qualitative Research Traditions and Methods Experts”, in Associate with Presidency University Bangalore, Karnataka, India from 8<sup>th</sup> to 19<sup>th</sup> November 2021.
4. **Mr. M. Malleswararao** Attended A Five Online FDP on “Emerging Trends in Nano Technology ETNT 2021” Organized by Vishnu Institute of Technology, Bhimavaram, from 9<sup>th</sup> to 13<sup>th</sup> November 2021.
5. **Mr. M. Malleswararao** Attended One Day State Level Online Workshop on “NAAC: Pre-Preparation & Guidance” on 13<sup>th</sup> November 2021.
6. **Mr. M. Malleswararao** Attended Eight Day FDP on "Adoptive Approaches for Modern Teaching and Research" organized by SNMV College, CRDI Innovation Cell, Chennai, from 15<sup>th</sup> to 23<sup>rd</sup> November 2021.
7. **Mr. M. Malleswararao** Attended A Five Day National Level Online FDP on “Recent Advancements and Research Opportunities in Energy Sector” Organized by Aditya Engineering College, from 29<sup>th</sup> November to 3<sup>rd</sup> December 2021.
8. **Mr. M. Malleswararao** Attended A One Day National Online Workshop on 'Virtual Labs on Experiential Learning' organized by National Institute of Technology, Karnataka, Surathka, 4<sup>th</sup> December 2021.

#### **FDP Attended**

1. **Mr.P.V.Narendra Kumar** Attended One Week National Level FDP on "Computational Intelligence & Its Applications" organized by KSRM College of Engineering, Kadapa, Andhra Pradesh, from 16<sup>th</sup> to 21<sup>st</sup> Aug 2021.
2. **Mr.P.V.Narendra Kumar** Attended One Week National Level FDP on "Recent Trends in Electrical Engineering" organized by Geethanjali Institute of Science & Technology, Nellore, Andhra Pradesh from 16<sup>th</sup> to 23<sup>rd</sup> Aug 2021.
3. **Mr.P.V.Narendra Kumar** Attended One Week National Level FDP on "Application of AI in Electrical Engineering for the Performance Improvement of Various Sectors " organized by Madanapalle Institute of Technology & Science, Chittoor Dist., Andhra Pradesh 24<sup>th</sup> to 28<sup>th</sup> Aug 2021
4. **Mr.P.V.Narendra Kumar** Attended five Days FDP on "Recent Trends in Electrical Engineering" organized by Stanley College of Engineering & Technology for Women, Hyderabad, Telangana, from 12<sup>th</sup> to 16<sup>th</sup> Sept 2021.
5. **Mr.P.V.Narendra Kumar** Attended One Week National Level FDP on "Research Challenges, Opportunities in Smart Grid with Integration of Electric Vehicles " organized by Vemu Institute of Technology , Chittoor Dist, Andhra Pradesh from 8<sup>th</sup> to 12<sup>th</sup> Oct 2021.
6. **Mr.P.V.Narendra Kumar** Attended Three Day FDP on “Relevance of Outcome Based Education in Teaching, Learning and Evaluation for Social Sciences " organized by Indian Institute of Management and Commerce, Telangana from 27<sup>th</sup> to 29<sup>th</sup> Oct 2021.
7. **Mr.P.V.Narendra Kumar** Attended One Week National Level FDP on "Signals, Systems and Transform Techniques " organized by Maturi Venkata Subba Rao Engineering College, Hyderabad, from 22<sup>nd</sup> to 26<sup>th</sup> Nov 2021.
8. **Mr.K.Murali Krishna Raju, Mr.T.Venkatesh** Attended Five day Online Faculty Development Programme on “Effective Teaching” organized by Sri Balaji College of Engineering and Technology, Jaipur .from 20<sup>th</sup> to 24<sup>th</sup> December 2021.

#### **Conferences Attended:**

1. **Mr. M. Malleswararao** Attended One Day “Pre-Conference of Renewable Energy Conclave” under Madhya Pradesh Vigyan Sammelan & Expo (MPVS-2021) 26<sup>th</sup> Oct 2021.

2. **Mr. M. Malleswararao** Attendedone A One Day National level E-Conference on Emerging Trends in Life Sciences ETLS 2021 Organized by IQAC Sant Ramadas Arts, Commerce and Science College Jalna18th December 2021.

### STUDENT ACHIEVEMENTS

1. **Elite** Students Association of EEE Department organized a “**Cricket Tournament 2021**” from 1<sup>st</sup> to 2<sup>nd</sup> December 2021.



2. **Elite** Students Association of EEE Department organized a “**Technical Quiz**” event on 23<sup>rd</sup> December 2021.



### NEWS PAPER CLIPPINGS

**ఆదకాండ** మన్నారు.



కార్యక్రమంలో పాల్గొన్న చలపతి కళాశాల చైర్మన్ వైపి అంజనేయులు, హెచ్ఐఈఈ సీఈవో మదన్మోహన్ గౌడ్

**విద్యార్థుల ఉపాధి అవకాశాల కోసం పలు కంపెనీలతో 'చలపతి' ఒప్పందాలు**

లాం (తాడికొండ) నవంబరు 10: విద్యార్థుల ఉపాధి అవకాశాల కోసమే పలు కంపెనీలతో ఒప్పందాలు చేసుకుంటున్నట్లు లాం చలపతి ఇంజనీరింగ్ కళాశాల ప్రెసిడెంట్ ఎం.చంద్రశేఖర్ అన్నారు. బుధవారం లాం చలపతి ఇంజనీరింగ్ కళాశాలలో హైదరాబాద్ కు చెందిన హైదరాబాద్ ఇన్స్టిట్యూట్ ఆఫ్ ఎలక్ట్రికల్ ఇంజనీరింగ్ (హెచ్ఐఈఈ) కంపెనీతో ఇంజనీరింగ్ ఈఈఈ విభాగం వారు ఒప్పందం కుదుర్చుకున్నారు. ఈ సందర్భంగా ప్రెసిడెంట్ మాట్లాడుతూ విద్యార్థులలో నైపుణ్యాలను పెంచడానికి, ఉపాధి అవకాశాలు మెరుగు పరచడానికి వివిధ కంపెనీలతో ఒప్పందాలు ఎంతో ఉపయోగపడుతాయి. ఒప్పంద పత్రాలను చలపతి కళాశాలల చైర్మన్ వైపి అంజనేయులు హెచ్ఐఈఈ సీఈవో మదన్మోహన్ గౌడ్ ను మార్చుకున్నారు.

కార్యక్రమంలో కళాశాల ప్రెసిడెంట్ డాక్టర్ కే.కీరణ్ కుమార్, ఈఈఈ విభాగం హెచ్ఐఈఈ పీవీ నరేంద్రకుమార్ పాల్గొన్నారు.

**శిక్షణతో ఉపాధి అవకాశాలు**

లాం (తాడికొండ) నవంబరు 10: విద్యార్థులు శిక్షణలు తీసుకోవటం వలన ఉపాధి అవకాశాలను అందిస్తున్నారని చున్నని హెచ్ఐఈఈ కంపెనీ సీఈవో మదన్మోహన్ గౌడ్ అన్నారు. బుధవారం లాం చలపతి ఇంజనీరింగ్ కళాశాలలో ఎక్స్లెంట్ టాక్ ఆన్ ఇండస్ట్రీ ఎక్స్ పెక్టివెస్ ప్రం యంగ్ ఇంజనీర్స్ ఆనే అంశంపై విద్యార్థులకు అవగాహన సదస్సును నిర్వహించారు. కార్యక్రమానికి ముఖ్య అతిథిగా విచ్చేసిన మదన్మోహన్ గౌడ్ మాట్లాడుతూ నైపుణ్యాలను మెరుగు పరుచుకోవటం ద్వారా ఉద్యోగాలు త్వరగానే సాధించవచ్చునన్నారు. చదువుతో పాటు శిక్షణ కార్యక్రమాల్లో పాల్గొని పలు అంశాలపై అవగాహన పెంచుకోవాలన్నారు.



జ్యోతి ప్రజ్వలన చేసి కార్యక్రమాన్ని ప్రారంభిస్తున్న మదన్మోహన్ గౌడ్

కార్యక్రమంలో కళాశాల ప్రెసిడెంట్ డాక్టర్ ఎం.చంద్రశేఖర్, వైస్ ప్రెసిడెంట్ డాక్టర్ కే.కీరణ్ కుమార్, ఐక్యూపీసీ కో-ఆర్డినేటర్ డాక్టర్ సత్యనారాయణ, ఈఈఈ హెచ్ఐఈఈ డాక్టర్ పీ.వీ నరేంద్రకుమార్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



**CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Chalapathi Nagar, Lam, Guntur-34

**Editorial Board**

- Chief Editor:** Mr.K.Murali Krishna Raju, Assistant Professor, Dept of EEE  
**Student Members:** Ms.K.Naga Sirisha (Y20EEE019)  
 Mr. D.Sandeep (L21EEE052)  
 Mr. N.Dinesh Babu (L21EEE055)