

JULY-DECEMBER

2018

ECE NEWSLETTER



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, and accredited by NBA. 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 the needs of society

MISSION:

Establishing a state-of-the-art Engineering Institute with continuously improving infrastructure and produce students with innovative skills and global outlook .



Sri. Y. V. Anjaneyulu
Chairman



Sri Y.V. Sujith Kumar
Secretary



Sri D. Vinay Kumar
Director



Dr.P.Pandarinath
Principal

ABOUT THE DEPARTMENT

The Department of Electronics and Communications Engineering has been functioning since the beginning of the college i.e., from the Academic Year 2007-08 with an intake of 60. The intake was increased to 120 from the academic year 2009-10. The department has well qualified, experienced and dedicated faculty and three faculty are doctorates and some of them are pursuing Ph.D in different streams. ECE department is offering M.Tech course in VLSI and Embedded systems from A.Y. 2012-13 with an intake of 18. Our students got *University First, Fifth and sixth Ranks*. One student has received *Pratibha Puraskar Award* from the Govt. of AP.

VISION

Emphasize best practices towards technical knowledge, analytical and practical skills necessary to meet the demands of Electronics and Communication Engineering industry.

MISSION

- DM1.** Provide Quality education with qualified and dedicated faculty.
- DM2.** Collaborations with industries/ organizations and provide trainings/ Internships to meet the demands of industry.
- DM3.** Create a research environment of excellence.

HOD'S Message

It gives very content that as a forerunner the department of Electronics & Communication Engineering is releasing **Volume-VI Issue-I** of ECE Newsletter 2018-19. The major strength of the department is the amalgamation of our qualified and dedicated faculty who understand the rhythm of the students for their academic excellence. The department was accredited by NBA for a period of three years, which shows a strong evidence for our commitment towards academics. Our under graduate and post graduate program students are equally showing their enthusiasm towards extracurricular and co-curricular activities contemplate them towards placement and higher education. Further, it gives satisfaction to bring out the update information about the department newsletter blended with technical and non-technical segment that is rich in contents. Finally, department would like to convey sincere thanks to the management for their continuous support and admiration.



Dr. M. Satya Sai Ram
Professor & HOD

FACULTY DETAILS

S.No	Name	Designation
1	Dr. M.SATYA SAI RAM	Professor & HOD
2	Dr. K VENKATA RAMA RAO	Associate Professor
3	Dr. CHINMAYA KUMAR PRADHAN	Associate Professor
4	M.SUBRAHMANYESWARA RAO	Associate Professor
5	B.VENKATESWARA RAO	Assistant Professor
6	K.ANIL KUMAR	Assistant Professor
7	K.VIJAYA LAKSHMI	Assistant Professor
8	M.SIRISHA	Assistant Professor
9	P.MANI VARA KUMAR	Assistant Professor
10	SK.MASTHAN	Assistant Professor
11	B.VIJAYSEKHAR	Assistant Professor
12	M.KALPANA CHOWDARY	Assistant Professor
13	K.RAJESH	Assistant Professor
14	SK.ASMA	Assistant Professor
15	P.BALA PRASANTHI	Assistant Professor
16	K.BRAHMENDRA	Assistant Professor
17	M KOTESWARA RAO	Assistant Professor
18	A SURESH	Assistant Professor
19	K.PRIYANKA	Assistant Professor
20	Y VISHNU VARDHAN	Assistant Professor
21	P.SOUJANYA	Assistant Professor
22	P KANVITHA	Assistant Professor

DEPARTMENT ACTIVITIES**➤ Guest Lecture by Former Director of DRDO**

A Guest lecture on **ROLE OF ELECTRONICS IN DEFENSE AND CIVIL SECTORS** was conducted on 10th October 2018. Lecture delivered by Mr. P. Raghavendra Rao, former Associate Director of DRDO.



Mr. P. Raghavendra Rao, former Associate Director of DRDO giving lecture on "ROLE OF ELECTRONICS IN DEFENSE AND CIVIL SECTORS".

Students listening the lecture at SS convention Hall





Press Clipping

➤ Faculty Orientation program by IIT professor

Faculty orientation program on “Introduction to Research” was conducted by Professor K M MPrabhu on 21st August 2018 on 10:00AM in Computercenter of ECE department





Professor Prabhu explained various issues of research through ppt

Press Clipping



➤ Guest Lecture On DSP by IIT professor

Guest Lecture on “Some Tricky Issues in Signals, Systems & Digital Signal Processing ” was conducted on 20th August 2018 by IIT Professor KMM Prabhu. The session was very interactive.



Prof K MM Prabhu delivering lecture



III/IV and IV/IV ECE students participated in the session and listening to the lecture



Press Clipping

➤ Workshop on MATLAB

A Two day workshop on “MATLAB Made Easy” was conducted on 06th August 2018 to 7th Aug 2018 by Sri P.Vikram Kumar , M.Tech (IIT Madras).



Press Clipping

TOURS



Explaining the Functioning of Traffic Signal Indicators by Sr Engineer



II/IV B.Tech ECE-A students visited Efftronics on 10th November 2018. They gained knowledge about "Smart signalling solutions for Indian Railways", "LED signal Lamp functioning". Students also visited the historic place "Undavalli caves".



***III/IV B. Tech(ECE-A)
Students Visited Cyclone
Detection Radar Station ,
Machilipatnam on 27th
August 2018***



**Explaining the operation of Cyclone
Detection Radar by RADAR station staff**

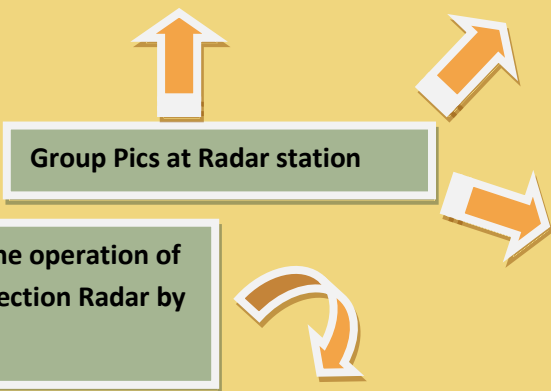
II/IV B. Tech(ECE-A) Students Visited Railway Electric Loco Shed, Vijayawada on 24th August 2018



Explaining about working models of Railway Electric loco shed by Mr. Murali, Sr. Engineer and staff



***IV/IV B. Tech(ECE-A) Students Visited Cyclone Detection Radar Station ,
Machilipatnam on 31st August 2018***



II/IV B. Tech(ECE-B) Students Visited Railway Electric Loco Shed, Vijayawada on 20th August 2018



Explaining about working models of Railway Electric loco shed by

Mr. Murali, Sr. Engineer and staff



Chalapathi Institute of Engineering and Technology is now accredited by NBA on 18th December 2018. Management and Principal appreciated the staff for their strenuous efforts in meeting the standards of the NBA. ECE, EEE, CSE and CIVIL departments were accredited to the NBA for a period of three years.

లాం చలపతి ఇంజనీరింగ్ కళాశాలకు ఎన్బీఏ గుర్తింపు

లాం(తాడికొండ) డిసెంబరు 21) లాం చలపతి ఇంజనీరింగ్ కళాశాలలో టీఆర్ఎస్ కోర్సులోని నాలుగు విభాగాలకు నేషనల్ బోర్డ్ ఆఫ్ అక్రిడిటేషన్(ఎన్బీఏ) గుర్తింపు వచ్చిందని చలపతి విద్యాలయస్థల అధినేత వై.వి.అంజనేయులు తెలిపారు. కళాశాలలో గురువారం జరిగిన సమావేశంలో ఆయన మాట్లాడుతూ నవంబరులో ఎన్బీఏ గ్యూ డిబ్లీ ఇబందం కళాశాలలో పర్చేయి వివిధ విభాగాలను, వర్తమాన సమస్యలను, బోధనా పద్ధతులు, పరిశోధనాశాలలను, గ్రంథాలయాలు, శ్రీదా ప్రాంగణాలను తదితర అంశాలను పరిశీలించినారు. విద్యార్థులు ప్రతిభ, అధ్యయనం పనితీరు పరిశీలించారన్నారు. వీటిలోని నాణ్యతాప్రమాణాలను గుర్తించి కంప్యూటర్ ప్రెస్ట్ అండ్ ఇంజనీరింగ్, సివిల్ ఇంజనీరింగ్, ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్ ఇంజనీరింగ్, ఎలక్ట్రీకల్ అండ్ ఎలక్ట్రానిక్స్ ఇంజనీరింగ్లను మూడేళ్ల అక్రిడిటేషన్ ఇచ్చినట్లు తెలిపారు. కార్యక్రమంలో కళాశాల సెక్రటరీ అండ్ కన్సల్టెంట్ వై.సుజిత కుమార్, డైరెక్టర్ డీ.వినయ్ కుమార్, ప్రెసిడెంట్ డాక్టర్ పీ.వందరీనాథ్, ఎన్బీఏ సమన్వయకర్త డాక్టర్ కేశవ్ కుమార్ తదితరులు పాల్గొన్నారు.

ఎన్బీఏ గుర్తింపు పత్రాన్ని యాభై మంది చలపతి కళాశాలల అధినేత వై.వి. అంజనేయులు తిరుగుబాటు

అంధ్రజ్యోతి
Fri, 21 December 2018
<https://epaper.andhrasjyothi.com/c/35851574>

FACULTY PARTICIPATIONS

- **B. Venkateswara Rao**, Assistant Professor in ECE department has participated in TWO day workshop on PCB design and Prototype development organized by the Department of Electronics and Communication Engineering, Vellore Institute of Technology- AP, during December 08th – 09th, 2018.
- **A. Suresh**, Assistant Professor in ECE department has participated in TWO day workshop on PCB design and Prototype development organized by the Department of Electronics and Communication Engineering, Vellore Institute of Technology- AP, during December 08th – 09th, 2018.

HOBBY PROJECTS BY STUDENTS

- Vehicle Accident tracking using GSM and Arduino was done by B L V D Manoj of IV/IV B.Tech ECE-A/Sec and G. Siva of III/IV B.Tech ECE- B/Sec.
- S. Lakshmi Gayatri, Sk. Riffath Afreen, Sk. Naadiya Afreen and Sd. Shamshad of III/IV B.Tech ECE-B/Sec students designed “ Water Level Indicator”.
- P. Manaswini, P.Kalyani, P. Raja Rajeswari and P. Lavanya of III/IV B.Tech ECE-B/Sec students designed “Automatic Night Lamp” circuit.
- “Speed control of DC servo motor” was designed by V. Thirumaleswari, V.Raveena, V.Ruchita, Y. Sampurna and Y Himaja of III/IV B.Tech ECE-B/Sec.
- “Portable Mobile charger” was developed by D. Vijaya Lakshmi, D. Mounika and G.Tejaswini of III/IV B.Tech ECE-B/Sec.
- “Line follower robot” project was done by B. Kishore and P. Chakradhar of III/IV B.Tech ECE-B/Sec.
- “Regulated power supply” circuit was done by Sk. Riffath Afreen, Sk. Naadiya Afreen, Sd. Shamshad, P. Manaswini, and P. Raja Rajeswari of III/IV B.Tech ECE-B/Sec.
- “Mobile charger using 7805” was designed by G. Siva, D. Siva Sankar and A. Ramya Sita of III/IV B. Tech ECE -A/Sec.
- “Automatic street lights ON using LDR” was done by G.Siva, D. Siva Sankar and G.Chaitanya of III/IV B.Tech ECE-A/Sec.