

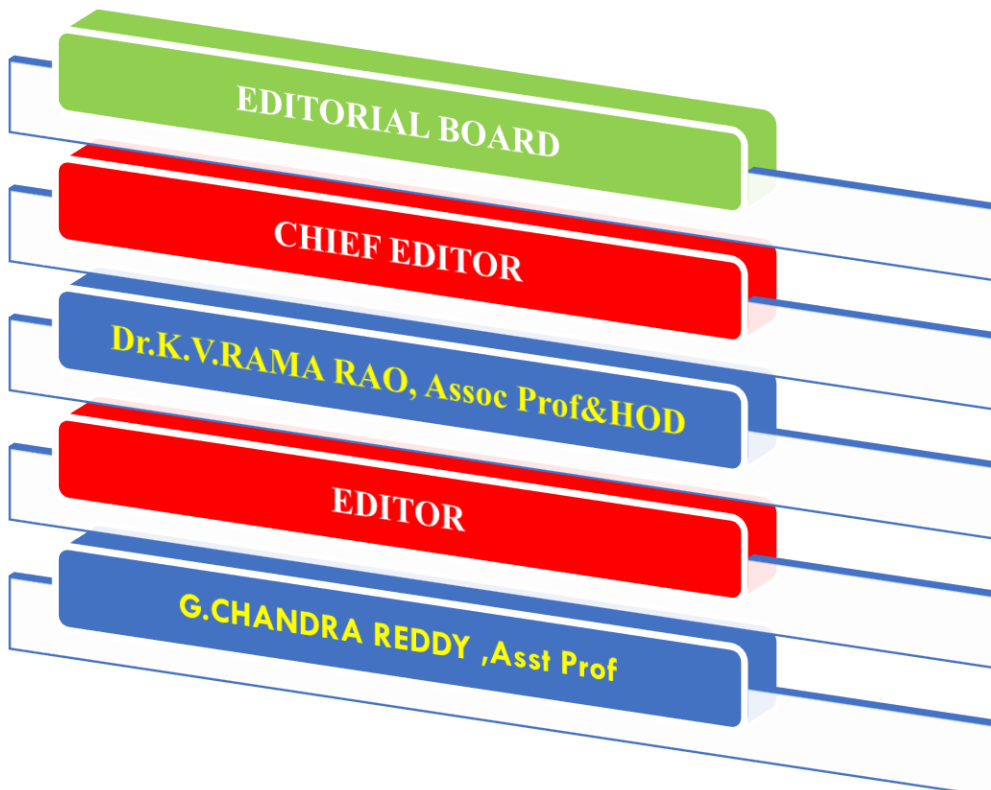
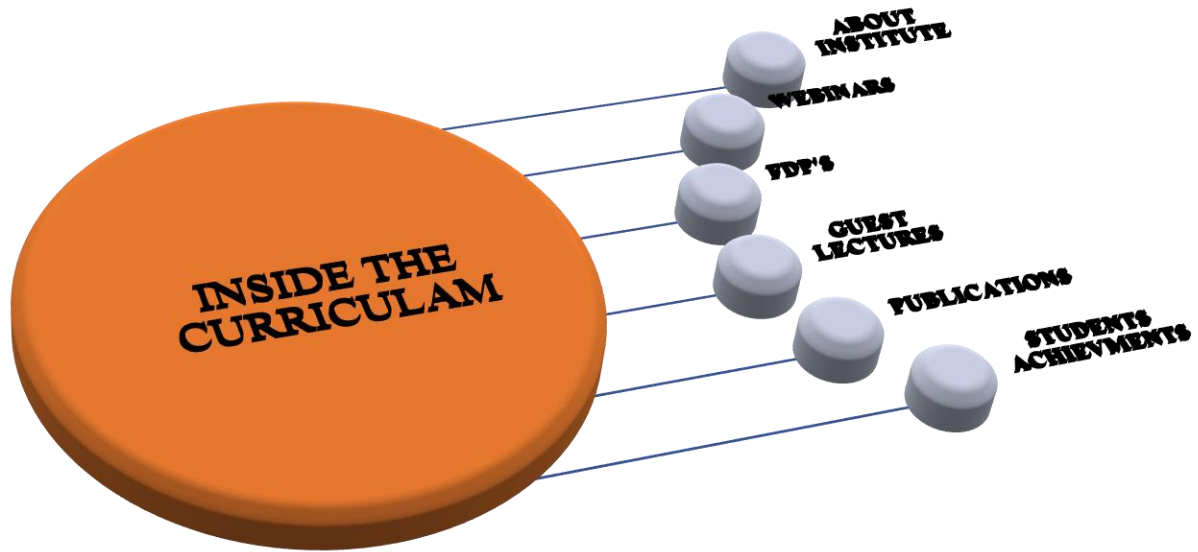
VOLUME NO IX ISSUE NO 2

JAN 22-JUN 22



TARANGALU
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG

CIET
CHALAPATHI INSTITUTE OF
ENGINEERING & TECHNOLOGY



From chairman:-

“I am greatly honored to serve the society as President of CHALAPATHI INSTITUTE OF TECHNOLOGY AND ENGINEERING at Chalapathi Nagar Lam. At Ciet, students are trained to become not only efficient Engineers but also good people who render great service to the humanity in all aspects. As production, software and service industries are shifting to India, our country needs lakhs of Engineers to fulfill the demand. These Engineers need to be creative in thinking, innovative in execution, proficient in oral and written communication, able to work for longer hours effectively in teams, on multi – disciplinary projects. In fact, these are our core teaching values at our CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY”



From Secretary: -

Sri. Y. Sujith Kumar M.B.A (USA), Secretary & Correspondent of Chalapathi Institute of Engineering & Technology, Guntur

Young and energetic personality making expeditions into the field of education. Obtained his MBA from USA and left the green pastures while doing a lucrative job in USA. It is his deep-rooted academic interest that fueled his endeavors in the field of education. His vision is that our nation needs virtuous men and women who can be professionals and entrepreneurs”.



From principal:

“Education is the passport to the Future, for tomorrow belongs to those who prepare for it today.”TARANGALU”

It encloses the activities such as FDP, conferences attended and paper published in International and National journals by staff members and competitions won by the students and innovative projects carried out by them. I, take this opportunity to thank all the stakeholders for showing interest and continuous support. I extend my best wishes to all students in their chosen career path and I am sure the college will scale up to greater heights in the years to come and serve many more in the society



From HOD: -

Electronics and Communication Engineering was established in the year 2007. It gives me immense pleasure to lead the Department of Electronics and Communication Engineering. I am sure you will feel assured about the excellent infrastructure and academics. The department offers B.Tech (ECE) with intake of 180 students and 18 students in M.Tech (VLSI & Embedded Systems).The department has been accredited by NBA. The college also accredited by NAAC with A grade in AY 2016-17. The department has state- of-the-art laboratory facilities in the constitution with industry to support the academic programs. Our department has a good record in both teaching and research. Our faculty members have excellent academic credentials and are highly regarded. Our department looks forward to impart quality education to the students to solve technological challenges of the society.



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:

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.

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 intake was increased to 180 in the academic year 2019-20. 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 *PratibhaPURAskar 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.**

Faculty Achievements: -

Workshops attended in various institutions:-

S.No.	Name of the faculty	Attended	Duration
1	Dr.K,V,Rama Rao, HoD	Two Day Online workshop on "AQAR" by IQAC, Govt. Degree college, Porumamila, Kadapa	17/03/2022 to 18/03/2022
		10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT, NIT Warangal	08/04/2022 to 17/04/2022
2	Dr.Chinmay Kumar Pradhan	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT, NIT Warangal	08/04/2022 to 17/04/2022
3	Dr.Mira Shafi Shahsaar	IP Awareness/training Program by NIPAM(National IP Awareness Mission)	14/02/2022
		10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT, NIT Warangal	08/04/2022 to 17/04/2022
4	Dr.K.S.Bala Murugan	One Week online FDP on "Machine Learning with Python" at NITTTR, Kolkata	21/02/2022 to 25/02/2022
		IP Awareness/training Program by NIPAM(National IP Awareness Mission)	14/02/2022
5	Sri. M. Subramanyeswara Rao	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT, NIT Warangal	08/04/2022 to 17/04/2022
6	K.Durga Prasad	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT, NIT Warangal	08/04/2022 to 17/04/2022
7	B. Venkateswara Rao	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT, NIT Warangal	08/04/2022 to 17/04/2022

8	M.Sirisha	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
		ATAL online FDP on "Recent Trends in Bio MEMS and Medical Microdevices:From Devices to Applications" at NIT Silchar	20/08/2021 to 24/08/2021
9	K.Vijaya Lakshmi	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
10	K. RAJESH	Participated in the Online AICTE Recognized Faculty Development Programme on "AI and Soft Computing Algorithms for Antenna Design",Conducted by NITTTR, Chandigarh	17/01/2022 to 21/01/2022
		One Week online FDP on "Advancements on Antenna Technologies for Future Applications",VR Siddhartha Engineering College	14/02/2022 to 19/02/2022
		10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
11	M.Koteswara Rao	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
12	A.Soujanya	10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
13	A.Manjusha	One Week online FDP on "Machine Learning with Python" at NITTTR,Kolkata	21/02/2022 to 25/02/2022
		10 days Online FDP on "Role of AI in communications & signal processing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
14	D.Usen	10 days Online FDP on "Role of AI in communications &	08/04/2022 to 17/04/2022

		signal processing" by E&ICT ,NIT Warangal	
15	G.Chandra Reddy	One week Online STTP on "NBA Areditation Issues" by NITTTTr,Kolkata	28/3/2022 to 01/04/2022
		10 days Online FDP on "Role of AI in communiations & signal proessing" by E&ICT ,NIT Warangal	08/04/2022 To 17/04/2022
		Recent trends in communication sytem by LBRCE	21/06/202 To 25/06/2022
16	D Naga Bhushan Babu	10 days Online FDP on "Role of AI in communiations & signal proessing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022
17	G Kishore Babu	One Week online FDP on "Advancements on Antenna Technolgies for Future Appliations", VR Siddhartha Engineering College	14/02/2022 to 19/02/2022
		10 days Online FDP on "Role of AI in communiations & signal proessing" by E&ICT ,NIT Warangal	08/04/2022 to 17/04/2022

NPTEL CERTIFICATION: -

- K. RAJESH**
Asst Prof.

DEPARTMENT OF ECE CONDUCTED AN INTERNATIONAL CONFERENCE ON ROLE OF ENGINEERS IN RURAL DEVELOPMENT & CHALLENGES



CHALAPATHI INSTITUTE Of Engineering & Technology



ICTACADEMY[®]

(Autonomous, NBA, NAAC 'A' Accredited), LAM, Guntur, AP, India.

Department of Electronics and Communication Engineering

Organizing

International Conference on Role of Engineers in Rural Development & Challenges (ICRERD'22) 22nd & 23th July 2022



Keynote Speaker

Dr. Md Zia Ur Rehman,
Professor,
KL University, Vijayawada

All Paper will be published in

Chalapathi Innovators Conference Proceeding with ISBN

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JOURNALS

Committee Members

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Patron:

Sri Y Sujith Kumar, Secretary, CIET.

Co-Patrons:

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Dr. K Kiran Kumar, Vice-Principal, CIET.

Convenors:

Dr. K V Rama Rao, HOD, ECE, CIET.

Coordinators:

Dr Mirza Shafi Shah savar, Professor, ECE, CIET.

Advisory Committee:

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Dr L V Choudary, Professor, Jimma University, Ethiopia.

Dr Abdelkader Ouda, Prof., Western University, Canada.

Dr Mudassir Khan, Prof., King Khalid University, SA.

Dr Navarum Gupta, Prof., University of Bridgeport, USA.

Dr Korhan Cengiz, Professor, University of Fujairah, UAE.

Dr Jonathan Andrew Ware, Professor,

University of South Wales, UK.

Dr D P Kothari, Ex. Director, IIT Delhi, India.

Dr Chidhambara Rajan, Principal,

SRM Valliammal Engineering College, Chennai, India.

Dr Prasun Chakrabarthi, Deputy Provost,

ITM BARODA University, Vadodara, Gujarat, India.

Dr S Naga Kishore Bhavanam, Coordinator, ECE,

Acharya Nagarjuna University, AP, India.

Dr M Murugappan, Assoc. Prof., Dept. of ECE.,

Kuwait College Science & Technology, Kuwait.

Dr B K Sarkar, Founder, GEH Research LLP, Japan.

Dr M Kalamuthumari, RuralCare Innovators LLP, India.

Dr Md. Farukh Hashmi, NIT Warangal, Telangana, India.

Dr Abin George, CSIR-National Aerospace Lab, India.

Dr Chinmaya ku Pradhan, Assoc. Professor, ECE, CIET.

Organizing Committee :

Faculty members, Department of ECE, CIET.

About the Conference:

Chalapathi Institute of Engineering and Technology(CIET) is an Autonomous institute has a well-established institutions innovation council(IIC), UBA Cell, MSME Cell and International membership with LoRa Alliance. Department of ECE has International Perspective R&D Lab collaborate with different national and international bodies. Now, going organizing the International Conference on "Role of Engineers in Rural development & Challenges(ICRERD'22)" for motivating the research scholar, PG, UG academic staff and students to solve the challenges in villages. It will create a big impact on Rural development by implementing the IoT, Artificial Intelligence (AI), Embedded systems, and all Engineering disciplines. Expecting Research articles from any domain for Rural development.

Benefits:

- ✓ Immediate Plagiarism Checking and Guidance for the same.
- ✓ Within **48 hours** getting **Reviewers Report**.
- ✓ Based on the Quality of the paper, the Advisory team suggest the **target database** either **Scopus/WoS/UGC care** along with a list of recommended journals. Support up to Publication.
- ✓ Publication **FEE less than the APC** of the journal.
- ✓ **Within a week Acceptance letter** from Committed Journal.
- ✓ **Hardcopy of Certificate & Coauthors Certificate FEE Rs.300 only.**
- ✓ Softcopy of **Conference Proceeding with ISBN**
- ✓ Best Paper Awards for Both **ONLINE/OFFLINE MODE.**
- ✓ Opportunity to work with the Chalapathi Innovation Cell.

Conference Fee: (for avail all above Benefits + Conference Kit)

Corresponding Author	Amount in Rs.	Last date for Registration:
Faculty/Research Scholar/ Industrialist/Foreign	Rs. 1000	15.07.2022
PG/UG Students	Rs.500	

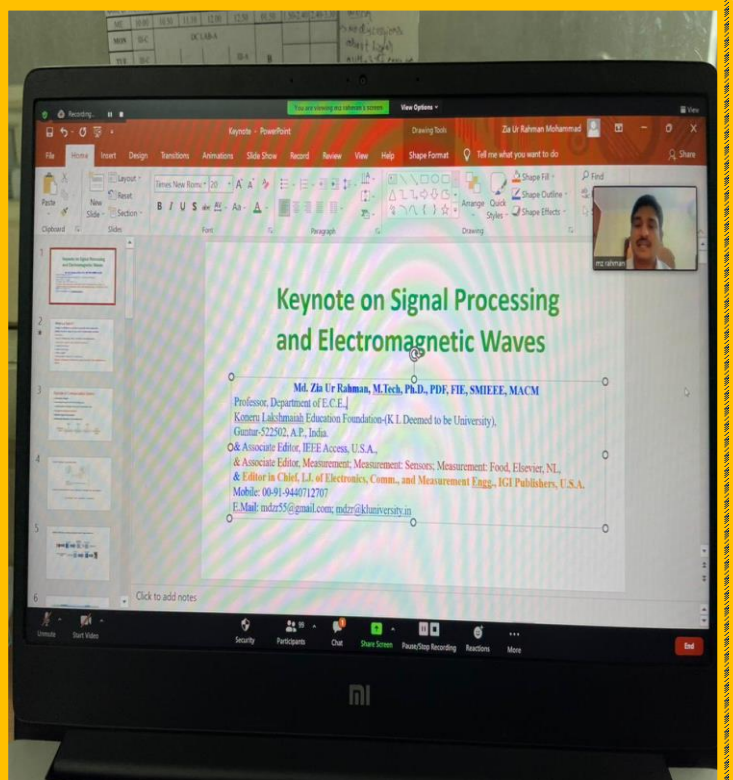
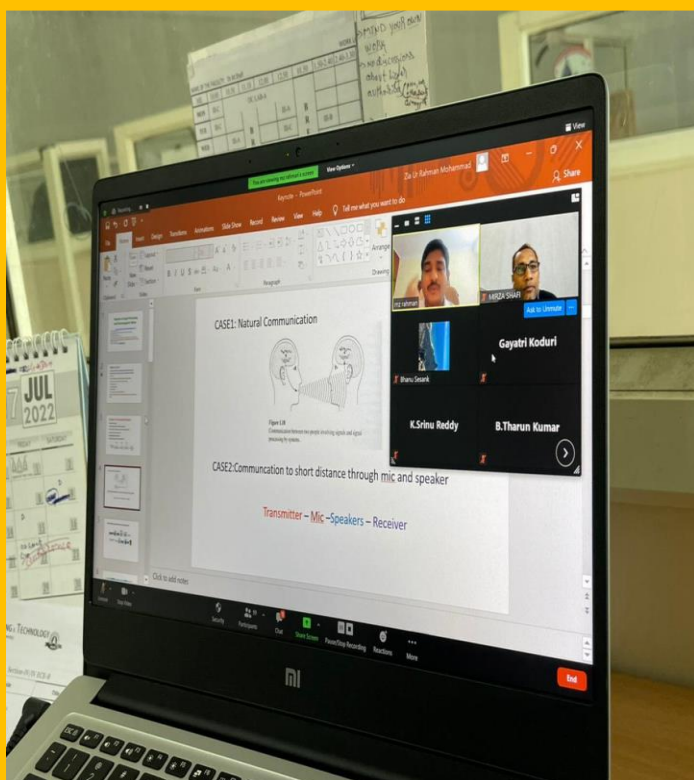
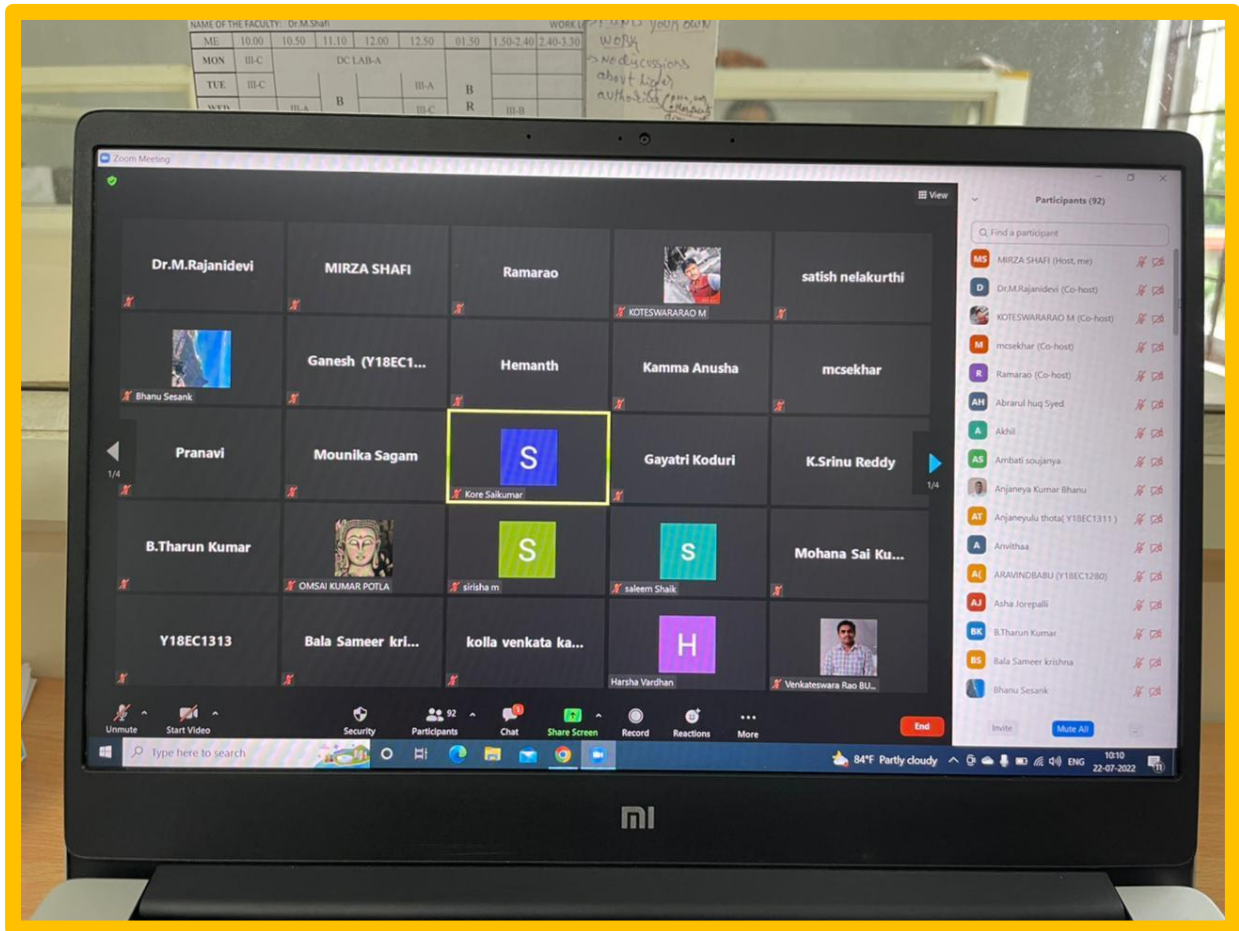
Registration Link: <https://forms.gle/saTvsfa1R2ztwYVq5>

For Queries Feel Free to Contact: icrerd@gmail.com,

Dr Mirza Shafi Shah savar- 9848883880

For more details, Visit: www.chalapathiengg.ac.in/conference/ICRERD22

Participants:-



A Five Day Online faculty development program
Organized by
E & ICT Academy, National Institute of Technology, Warangal. in association with
Department of ECE, Chalapathi Institute of Engineering and Technology, Guntur,
Andhra Pradesh

Day & Date	10.00 A.M. – 12.00 Noon		2.00 P.M. – 4.00 P.M.
08-04-2022 Friday	Inaugural Fn.	rch in Machine Learning MSV, NITW	Computer Vision and Applications MFH, NITW
09-04-2022 Saturday	Unsupervised Learning Methods MSV, NITW		Deep Concept of Deep Learning (3 Hrs.) KMB, VNIT Nagpur
10-04-2022 Sunday	AI/ML for 5G/6G Communication Systems VB, IIT Indore		Image Classifications using CNN-Hands on Session MFH, NITW
11-04-2022 Monday	6G Vision, Potential Technologies and Challenge RJP, IIT Dharwad		Brain Computer Interface(BCI) and Applications MFH, NITW
12-04-2022 Tuesday	Wireless Communication in the Era of Machine Learning PKS, VNIT Nagpur		Transfer Learning and Hands Session for Image Processing Applications MFH, NITW
13-04-2022 Wednesday	Multi-User Pair Scheduling in Wireless Communication systems with User Mobility PR, Senior Researcher TII Abu Dhabi UAE		Machine leaning Algorithms- Hardware Implementation- Hands on Session MFH, NITW
14-04-2022 Thursday	Reinforcement Learning with Communication System Applications VBS, IISST Valiamala, Kerala		ML and Signal Processing for EEG Signal Classification RBP, IIT Indore
15-04-2022 Friday	AI/ML for Signal Processing Applications TKK, NITW		Signal Processing Applications using MATLAB/Python- Hands-on Session MFH, NITW

Break

Registration Fee Particulars:

Faculty and Research Scholars Rs.750/-
Industry Participants Rs.2250/-

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Participants need to pay the Registration Fee Online using the following details

Online Transfer Details
Account Name: Electronics & ICT Academy NITW
Account No: 62423775910
IFSC: SBIN0020149
Bank and Branch: State Bank of India, NIT (REC) Warangal

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/vsr7iMXci4hP5e2E8>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important Dates:

Last date (Application & DD)	10.03.2022
Selection List by E-mail	11.03.2022
Duration	14.03.2022 to 24.03.2022

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About CIET Guntur:

Chalapathi Institute of Engineering and Technology is affiliated to Acharya Agarjuna University and recognized by AICTE, New Delhi. Also, Accredited by NAAC with "A" Grade. It offers B.Tech courses in CSE, ECE, CSIT, CSE (AI), CSE (DS), CSE (AI&ML), CSE (CS), and EEE and M.Tech courses in CSE and VLSI & ESD. Our membership with international industries like LoRa alliance, Established various Cell which one initiated by MHRD like IIC, UBA, NISP, EDC Cell and Various Centre of Excellence for research are helps to improve our skills in industry perspective.

The Department of Electronics and Communications Engineering has been functioning

since the AY 2007-08 with an intake of 60. The intake was increased to 120 from the academic year 2009-10 the intake was increased to 180 in the academic year 2019-20. The department has well qualified, experienced and dedicated faculty. Also, Accredited by NBA. Well Established Start-up innovation centre is one of the major strength in our department.

5-DAYS WORKSHOP ON “ELETRONIC CIRCUIT SIMULATION”

Topic : ELETRONIC CIRCUIT SIMULATION

Dates : 25/04/2022 to 29/04/2022

Main Speakers: Sk.Khasim, R.Sudheer, K.Goutam,
S.Srinias Prasanth, Trainers from Innovative
Technologies, Vijayawada

No. of Students Attended: 190 (III/IV B.Tech ECE Sections A, B&C)



Trainer S.Srinias Prasanth addressing the students in the workshop.

3 DAYS WORKSHOP ON PCB DESIGN & FABRICATION

Topic : PCB DESIGN & FABRICATION

Dates : 20/06/2022 to 22/06/2022

Main Speakers: Sk.Khasim, S.Ramakrishna, T.Prashanth,
C.Chandra Sekhar, Trainers from Innovative
Technologies, Vijayawada

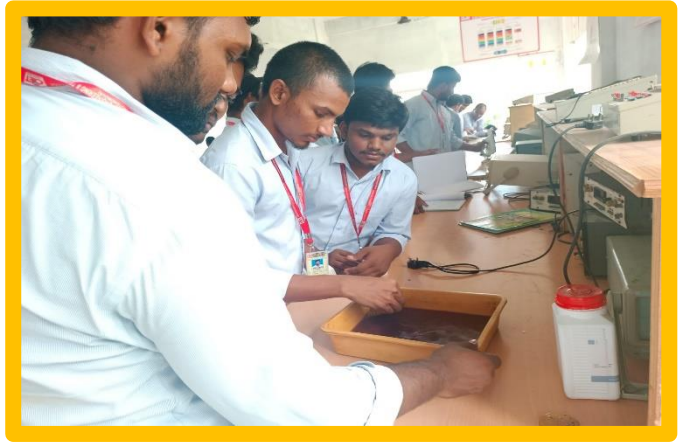
No. of Students Attended: 196 (II/IV B.Tech ECE Sections A, B&C)



Trainer Sk.Khasim addressing the students in the workshop.



Trainer S.Ramakrishna addressing the students in the workshop.



LIST OF CAANDIDATES SELCTED IN VARIOUS COMPANIES FOR A.Y 2021-22: -

THE STDENTS FROM 3 RD YEAR GETTING PLACED IN ON OF THE TOP MNC COMPANY

S.NO	REGD NO	NAME OF THE STUDENT	COMPANY
1	L20EC1385	PATTI VENKATA VERRA BHARGAVI	DXC
2	L20EC1391	NARAYANA SADHU	DXC
3	L20EC1397	RAMAKOTAIAH THOTA	DXC
4	L20EC1398	YADAGIRI DEEKSHITH	DXC
5	Y19EC1219	CHERUKURI BHUVANESWARI	DXC
6	Y19EC1222	DARA TEJASWINI	DXC
7	Y19EC1234	JOSHIKA GEDDAM	DXC
8	Y19EC1255	SUSMITHA KAMEPALLI	DXC
9	Y19EC1296	MUPPANEEDI PRIYANKA	DXC
10	Y19EC1301	NALABOTHU HIMAJA NAGA MANASA	DXC
11	Y19EC1306	PULIVARTHI VYSHNAVI	DXC
12	Y19EC1307	PABISETTI AKHIL	DXC
13	Y19EC1320	POLISETTI GANGA BHAVANI	DXC
14	Y19EC1328	RACHABATHUNI SAKIRAN	DXC
15	Y19EC1339	SHAIK MD SAJAD	DXC
16	Y19EC1342	SHAIK RAHUL GAFOOR	DXC
17	Y19EC1344	SUPRAJA GOGINENI	DXC
18	Y19EC1346	TALLURI LIJITHA	DXC
19	Y19EC1360	VASIMALLA JAFANYA	DXC
20	Y19EC1365	YADLAPALLI PRAVEEN	DXC
21	Y19EC1367	Y.NARASIMHA	TCS

Highest Package:-4.4.5 LPA

Offered by
Company:-DXC

SAMVIDH ACTIVITY:

As a part of **SAMVIDH** activity, association students have distributed fruits like Mangoes, Apricot, Sapota...etc to the ECE department staff and students to create a health consciousness.



Fruit Distribution

CIET **CHALAPATHI INSTITUTE**
Of Engineering & Technology
(Autonomous, NBA, NAAC-A Accredited), LAM, Guntur, AP, India.
Department of Electronics and Communication Engineering
Associate with
MGNCRE, Ministry of Education, Govt. of India
Organizing the online
Awareness Program on World Environmental Day
05.06.2022

Environment Day
+ June 5 +

do simple activities like this
Step 1:- Can eat Mango/Kala Jam Fruit
Step 2:- Collect seed
Step 3:- Sow seed in open land
Step 4:- Submit the Photo

VIDEO PRESENTATION
ESSAY AND SHORT STORY CONTEST

Submission Deadline: 04.06.22, 5pm,
link: <https://forms.gle/S9AkvZqsel1Httt>
Attractive Prize from SAMVIDH, CIET.
E-Certificate for all from Govt. of India.

Any Queries Please feel free to Contact: Ph: 98699 36932, 9966130661

Dept. of ECE



PLANTATION

CHALAPATHI INSTITUTE OF ENGINEERING TECHNOLOGY

Affiliated to ANU, Accredited by NBA, Accredited by NAAC with A Grade

CHALAPATHI NAGAR (POST), LAM, GUNTUR, ANDHRAPRADESH – 522 019

Website: www.chalapathiengg.ac.in

e-Mail: chalapathiengtech@yahoo.com

Phone No: [0863 252 4112](tel:08632524112)

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