

2020

2021

TARANGALU-2020-21

Jul-Dec, 2020 Volume VIII, Issue 1

CIET News broadcasts the information of Chalapathi Institute of Engineering & Technology and showcases the hidden talents of the students and staff

INSIDE
THE
CURRICULUM

FROM
CHAIRMAN
DESK

FROM
SECRETARY
DESK

FROM
PRINCIPAL
DESK

FROM
HOD
DESK

PARTON:-

Dr.M.CHAND
RA SEK HAR
PRINCIPAL

Editorial board:

Chief Editor:

Dr.T.Ramakrishna

Assoc prof &HOD

Editor:-

Mrs.A.Manjusha

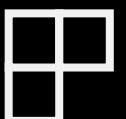
Asst prof

Student board:-

K.GNANESWAR III/IV A SEC

G.HIMAROHITH REDDY II/IV ASEC

- Webinars
- List of Faculty
- Faculty achievements
- Guest lectures
- Placements
- Campus life



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 solvetechnological 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:

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

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.

List of Publications for the academic year 2020-21(July-Dec)

| Title of the Paper | Name of Author | Title of journal | Year of publication | Institute |
|---|-------------------|------------------------------------|---------------------|-----------|
| Design of a IOT based heating ventilation and air condition system usingesp-12 | Dr. T Ramakrishna | CIJ, V-24,ISSUE-03 | OCT,2020 | CIET, LAM |
| Design of a low voltage bipolar sizing cmos technique based cmos comparator | Dr. K.V.Ramarao | CIJ, V-24,ISSUE-03 | OCT,2020 | CIET, LAM |
| A novel fpga based mac unit design using reversible logic gate approach | Dr. K.V.Ramarao | CIJ, V-6, ISSUE-6 | OCT,2020 | CIET, LAM |
| Density and latency optimized efficient approximate multiplier using radix 8 modified both encoding | Dr. C K Pradhan | DOGO, V-10,ISSUE-8, ISSN-2347-7180 | AUG, 2020 | CIET, LAM |
| A reversible data hiding based cryptography for effective image encryption | Dr. C K Pradhan | JES, V-11, ISSUE-10, ISSN-0377- | OCT,2020 | CIET, LAM |

| | | | | |
|--|-------------------------|-------------------|----------|-----------|
| | | 9254 | | |
| A novel fpga based mac unit design using | Mr. B. Venkateswara rao | CIJ, V-6, ISSUE-6 | OCT,2020 | CIET, LAM |

| | | | | |
|--|-------------------------|--|----------|-----------|
| reversible logic gate approach | | | | |
| Design of a IOT based heating ventilation and air condition system usingesp-12 | Mr. B. Venkateswara rao | CIJ, V-24,ISSUE-03 | OCT,2020 | CIET, LAM |
| Fingerprint recognition and matching system using covolution NN | Mr. B. Venkateswara rao | IJAEMA, V-12, ISSUE-10, ISSN-0886-9367 | OCT,2020 | CIET, LAM |
| Modelling and performance analysis of distributed arithmetic based lms filter | M. Sirisha | JICR, V-12, ISSUE-10, ISSN-0022-1945 | OCT,2020 | CIET, LAM |
| A novel fpga based mac unit design using reversible logic gate | | CIJ, V-6, | | CIET, |

| | | | | |
|--|--------------|--|----------|--------------|
| approach | M. Sirisha | ISSUE-6 | OCT,2020 | LAM |
| Implimentatio n of low power and area efficient module $2n + 1$ adder for high speed multi operand additions | Mr. K Rajesh | JICR, V- 6, ISSUE- 6, ISSN- 2454- 695X | OCT,2020 | CIET, LAM |
| Fingerprint recognization and matching system using covolution NN | Mr. K Rajesh | IJAEMA, V-12, ISSUE- 10, ISSN- 0886- | OCT,2020 | CIET, LAM |

| | | | | |
|--|-----------------|---|----------|--------------|
| | | 9367 | | |
| Implimentatio n of convolution nn based 32 bit adder for fast convolution operation. | Mr. k Anilkumar | JICR,V- 6,ISSUE- 10, ISSN- 2454- 695X | OCT,2020 | CIET, LAM |
| Implimentatio n of low power and area efficient module $2n + 1$ adder for high speed multi operand additions | Mr. A suresh | JICR, V- 6, ISSUE- 6, ISSN- 2454- 695X | OCT,2020 | CIET, LAM |
| Modelling and performance analysis of distributed arithmetic based lms | | JICR, V- 12, ISSUE- 10, ISSN- 0022- | | CIET, |

| | | | | |
|---|-----------------------------|---|----------|--------------|
| filter | | 1945 | | LAM |
| | Mr. A suresh | | OCT,2020 | |
| Implimentatio n of convolution nn based 32 bit adder for fast convolution operation. | Mr. Subrahmanyeswara rao | JICR,V-6, ISSUE- 10, ISSN- 2454- 695X | OCT,2020 | CIET, LAM |

During the pandemic we entertain students by conducting poster presentation on the account of international workers day, Independence Day and Gandhi jayanthi.

Poster Presentation by the students



STUDENTS PALCEMENTS:-

| | | | | | |
|----|---------------|------------------------------|-------------------------|--------------|--------------|
| 1 | Y17EC12 76 | NALLURI LEELA SATISH | SuryaTech | 1.5 Laks | Releas ed |
| 2 | Y17EC12 08 | BAIRAPANENI MEGHANADH | SuryaTech | 1.5 Laks | Releas ed |
| 3 | Y17EC12 92 | RAJOLU SRIKANTH | SuryaTech | 1.5 Laks | Releas ed |
| 4 | Y17EC13 12 | VANGAVALLU SURENDRA | SuryaTech | 1.5 Laks | Releas ed |
| 5 | Y17EC12 94 | RAYALA NARENDRA | SuryaTech | 1.5 Laks | Releas ed |
| 6 | Y17EC12 66 | MARAM PRATHAP REDDY | SuryaTech | 1.5 Laks | Releas ed |
| 7 | L18EC13 21 | PITTAM RAMI REDDY | SuryaTech | 1.5 Laks | Releas ed |
| 8 | Y17EC12 88 | PIDIKITI GOPAL | SuryaTech | 1.5 Laks | Releas ed |
| 9 | Y17EC13 08 | UMMANENI GOPI KRISHNA | SuryaTech | 1.5 Laks | Releas ed |
| 10 | Y17EC12 96 | SANDADI BALA KRISHNA | SuryaTech | 1.5 Laks | Releas ed |
| 11 | Y17EC12 06 | ATTULURI TARUN VINAYAK | SuryaTech | 1.5 Laks | Releas ed |
| 12 | Y17EC12 29 | GADDE MANOJ | SuryaTech | 1.5 Laks | Releas ed |
| 13 | Y17EC12 35 | GOGINENI SIVANAGA TEJA | SuryaTech | 1.5 Laks | Releas ed |
| 14 | Y17EC13 11 | VALLAPUNENI HARIKRISHNA | SuryaTech | 1.5 Laks | Releas ed |
| 15 | Y17EC12 91 | POTLA SRILEKHA | Wipro | 3.6 Laks | Releas ed |
| 16 | Y17EC12 82 | NIMMAGADDA TULASI KUMAR | Wipro EliteNHT | 3.6 Laks | Releas ed |
| 17 | Y17EC12 69 | MUNDLAPATI NAGA JYOTHI | Infosys | 3.6 Laks | Releas ed |
| 18 | Y17EC13 17 | VELAGAPUDI SIRISHA | Infosys | 3.6 Laks | Releas ed |
| 19 | Y17EC12 83 | N B SIVA VENKATA SOWJANYA | Infosys | 3.6 Laks | Releas ed |
| 20 | Y17EC12 40 | GUNTI MOHANA PRIYA | Infosys | 3.6 Laks | Releas ed |
| 21 | Y17EC12 82 | NIMMAGADDA TULASI KUMAR | Infosys | 3.6 Laks | Releas ed |
| 22 | Y17EC12 84 | PATHIPATI BHARGAVI | Caliber Technologies | 2.04 Laks | Releas ed |
| 23 | Y17EC12 90 | PONNAGANTI BHAGYA LAKSHMI | KJ Systems | 3.0 Laks | Releas ed |
| 24 | Y17EC12 12 | CHALLAGUNDLA RAMYASRI | KJ Systems | 3.0 Laks | Releas ed |

| | | | | | |
|----|---------------|------------------------------|-----------|-------------|--------------|
| 25 | Y17EC12 69 | MUNDLAPATI NAGA JYOTHI | Edwisely | 2.4 laks | Releas ed |
| 26 | Y17EC13 03 | T C VENKATA SAI SARANYA | Edwisely | 2.4 laks | Releas ed |
| 27 | Y17EC12 26 | DASARI MANI DEEPIKA | Edwisor | 3.7 lpa | Releas ed |
| 28 | Y17EC12 36 | GOLI ARUN KUMAR | Edwisor | 3.7 lpa | Releas ed |
| 29 | Y17EC12 52 | KATTA NANDINI | ACCENTURE | 4.5 Laks | Releas ed |
| 30 | Y17EC12 75 | NALLAPATI SAI KUMAR | ACCENTURE | 4.5 Laks | Releas ed |
| 31 | Y17EC12 36 | GOLI ARUN KUMAR | ACCENTURE | 4.5 Laks | Releas ed |
| 32 | Y17EC12 20 | CHINTHALA TEJASWI | Cognizant | 4.5 Laks | Releas ed |
| 33 | Y17EC12 58 | KOSURI KAVITHA | Cognizant | 4.5 Laks | Releas ed |
| 34 | Y17EC12 09 | BANDARUPALLI BHAVANI | Cognizant | 4.5 Laks | Releas ed |
| 35 | Y17EC12 90 | PONNAGANTI BHAGYA LAKSHMI | Cognizant | 4.5 Laks | Releas ed |
| 36 | Y17EC12 07 | Avulamanda Sivaprasad | Westsol | 2.00 LPA | Releas ed |
| 37 | Y17ec12 19 | VENKATA Gopi Ch | Westsol | 2.00 LPA | Releas ed |
| 38 | Y17EC12 24 | Damera.kavya sri | Westsol | 2.00 LPA | Releas ed |
| 39 | Y17ec12 35 | Siva naga teja.g | Westsol | 2.00 LPA | Releas ed |
| 40 | Y17EC12 38 | DURGA BHAVANI.GONUGUNTLA | Westsol | 2.00 LPA | Releas ed |
| 41 | Y17EC12 51 | Madhavi | Westsol | 2.00 LPA | Releas ed |
| 42 | Y17ec12 57 | Hemanth kommuri | Westsol | 2.00 LPA | Releas ed |
| 43 | Y17EC12 95 | Samanthula Uma maheswari | Westsol | 2.00 LPA | Releas ed |
| 44 | Y17ec13 11 | Vallapuneni harikrishna | Westsol | 2.00 LPA | Releas ed |
| 45 | Y17EC13 | | Westsol | 2.00 | Releas |

| | | | | | |
|----|---------------|----------------------------|---------------------|-------------|--------------|
| | 13 | PREMCHAND VARRE | | LPA | ed |
| 46 | Y17EC12 04 | AMBATI LAKSHMI PRASANNA | Qconnect | 2.00 LPA | Releas ed |
| 47 | Y17EC12 15 | HEMANTH KUMAR CHENNAM | Qconnect | 2.00 LPA | Releas ed |
| 48 | Y17EC12 20 | Tejaswi chinthala | Qconnect | 2.00 LPA | Releas ed |
| 49 | Y17EC12 25 | DANTLA.GOWTHAMREDDY | Qconnect | 2.00 LPA | Releas ed |
| 50 | Y17EC12 31 | SARIKA GANJINABOINA | Qconnect | 2.00 LPA | Releas ed |
| 51 | Y17EC12 58 | KOSURI KAVITHA | Qconnect | 2.00 LPA | Releas ed |
| 52 | Y17ec12 74 | Prakash nagendla | Qconnect | 2.00 LPA | Releas ed |
| 53 | Y17EC12 92 | Srikanth Rajolu | Qconnect | 2.00 LPA | Releas ed |
| 54 | Y17EC12 98 | Shaik chandini | Qconnect | 2.00 LPA | Releas ed |
| 55 | Y17EC13 08 | Gopikrishna ummaneni | Teleperforma nce | 2.00 LPA | Releas ed |
| 56 | Y17EC12 14 | Srividya chekuri | Teleperforma nce | 2.00 LPA | Releas ed |
| 57 | Y17ec12 16 | Alekhy chennupati | Teleperforma nce | 2.00 LPA | Releas ed |
| 58 | Y17EC12 22 | DADDANALA SUVARNA | Teleperforma nce | 2.00 LPA | Releas ed |
| 59 | Y17EC12 26 | D.Mani Deepika | Teleperforma nce | 2.00 LPA | Releas ed |
| 60 | Y17ec12 34 | Ch.Geetha sai | Teleperforma nce | 2.00 LPA | Releas ed |

CAMPUS LIFE:-

SAMVIDH ACTIVITY:

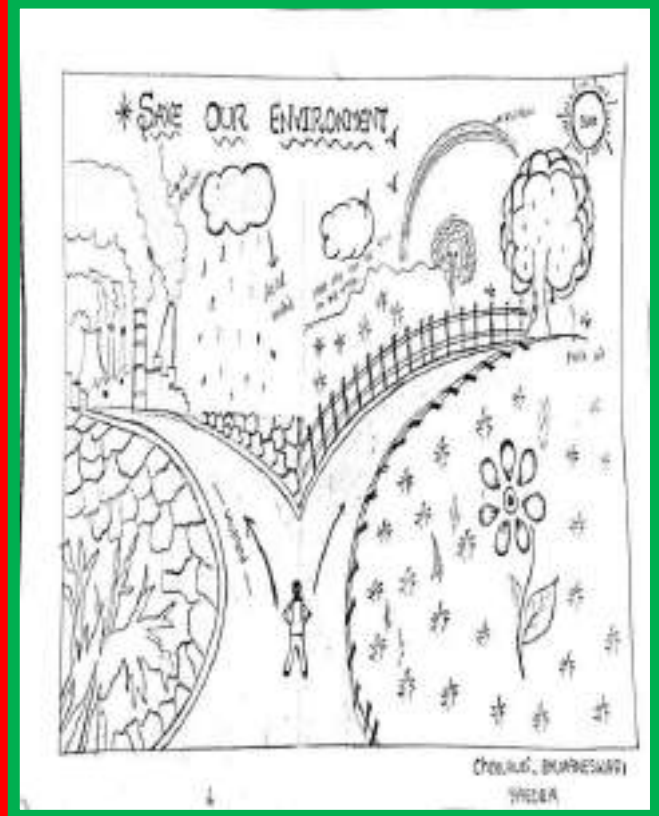
Distributed food to Orphans, around the surrounding's of Government General Hospital (GGH) and Railway Station, Guntur & Groceries distribution at Mathrusri oldage Home



SAMVIDH ACTIVITY:

As a part of “DASHARA SAMBARALU” conducted by Samvidh association at college campus for ECE students, participated in events like Essay Writing, Drawing, Chess, Carroms and Technical Quiz. Prizes are distributed for the winner’s and runners.





SAMVIDH ACTIVITY:

During corona pandemic situation our students distributed N-95 masks and Sanitizers for the people of LAM village.



మాస్కులు, శానిటైజర్లు పంపిణీ

లాం (తాడికొండ) జూనియర్ కళాశాలలోని ఎలర్నాన్స్ అండ్ కమ్యూనిటీ సర్వీసు డివిజన్ నేతృత్వంలో అసోసియేషన్ ఆఫ్ ఎడ్యుకేషన్ డిభాగం ఆధ్వర్యంలో గ్రామస్థులకు మాస్కులు, శానిటైజర్లు పంపిణీ చేశారు. ఈ సందర్భంగా కళాశాల నేతజీ మాజీ డైరెక్టర్ రమణి దివ్యారావు గ్రామస్థులకు 500 మాస్కులు, 500 శానిటైజర్లు పంపిణీ చేశారన్నారు. మాస్కులు, శానిటైజర్లు పంపిణీ చేసిన దివ్యారావు దివ్యారావులకు ఈ కార్యక్రమం చైర్మన్ వై.పి.అంజనేయులు ఆహ్వానించారు.

కార్యక్రమంలో కళాశాల ప్రెసిడెంట్ డాక్టర్ ఎం.వంశీకృష్ణ, ఎలర్నాన్స్ అండ్ కమ్యూనిటీ సర్వీసు డిభాగం అధ్యక్షురాలు డాక్టర్ కే.పి. రామారావు, నమోచీ స్టూడెంట్ అసోసియేషన్ నమస్కరణ కేంద్ర కార్యనిర్వహణ అధ్యక్షురాలు, ఎడ్యుకేషన్ డిభాగం నమస్కరణ కేంద్ర డాక్టర్ లక్ష్మిదాసులు పాల్గొన్నారు.

SAMVIDH ACTIVITY:

Distributed clay Ganesh Idols on the event of VINAYAKA CHAVITHI in campus and to public in SVN colony, Guntur



మట్టి వినాయక ప్రతిమల పంపిణీ

లాం (ఆడికొండ) సెషెంబరు 9, పర్యావరణ హితకేసం మట్టి వినాయక ప్రతిమలను వినాయక చవితికి ఉపయోగించాలని లాం చలవతి ఐంజనీరింగ్ కళాశాల సెక్రటరీ శైనుజితకుమార్ అన్నారు. గురువారం లాం చలవతి ఐంజనీరింగ్ కళాశాలలోని ఈసీఈ నంబర్ ఆరోసియేషన్ విద్యార్థుల ఆధ్వర్యంలో గుంటూరులో మట్టి వినాయక ప్రతిమల పంపిణీ కార్యక్రమాన్ని చేపట్టారు. కార్యక్రమంలో కళాశాల ప్రెసిడెంట్ ఎం.వంధ్రోజుల్, ఈసీఈ విభాగాధిపతి కే.మెలకురామారావు, వైస్ చీఫ్ ప్రొఫెసర్ కే.కీరణ్ కుమార్, ఈసీఈ నంబర్ కో ఆర్డినేటర్ ఎం.కోదేశ్వరరావు, విద్యార్థులు పాల్గొన్నారు.

SAMVIDH EVENTS ON OCTOBER 2020 WINNERS AND
RUNNERS LIST

Event Name: Essay writing

| S.No | Regd. No | Name of the student | prize |
|------|-----------|---------------------|-----------------|
| 1 | L20EC1391 | SADHU NARAYANA | 1 st |
| 2 | L20EC1389 | KURUKURI PRATHYUSHA | 2 nd |

Event Name: Drawing

| S.No | Regd. No | Name of the student | prize |
|------|-----------|---------------------------|-----------------|
| 1 | Y19EC1219 | CHERUKURI BHUVANESWARI | 1 st |
| 2 | Y19EC1370 | YENDURI MANJU | 2 nd |

Event Name: Chess (Boys)

| S.No | Regd. No | Name of the student | prize |
|------|-----------|-------------------------------|-----------------|
| 1 | Y19EC1248 | ITTADI JYOTHI BALAK | 1 st |
| 2 | Y19EC1367 | YARLAGADDA NARASIMHA SWAMY | 2 nd |

Event Name: Chess (Girls)

| S.No | Regd. No | Name of the student | prize |
|-------------|-----------------|---------------------------------|-----------------|
| 1 | Y19EC1206 | ARE SRIVENI | 1 st |
| 2 | Y19EC1301 | NALABOTHU HIMAJA NAGA MANASA | 2 nd |

Event Name: Carroms (Boys)

| S.No | Regd. No | Name of the student | prize |
|-------------|-----------------|-------------------------------|-----------------|
| 1 | Y19EC1312 | PASUPULETI PAVAN KUMAR | 1 st |
| 2 | Y19EC1291 | MENDEM THARUN | |
| 3 | Y19EC1251 | KAKUNURI MANIKHANTA | 2 nd |
| 4 | Y19EC1218 | CHENNAMRAJU NARENDRA VARMA | |

Event Name: Carroms (Girls)

| S.No | Regd. No | Name of the student | prize |
|-------------|-----------------|----------------------------|-----------------|
| 1 | Y19EC1355 | THUMATI DEEPTHI | 1 st |
| 2 | Y19EC1370 | YENDURI MANJU | |
| 3 | Y19EC1361 | VELPULA PRAVALLIKA | 2 nd |
| 4 | Y19EC1357 | TUMATI VISHNU PRIYA | |

Event Name: Quiz

| S.No | Regd. No | Name of the student | prize |
|------|-----------|----------------------------|-----------------|
| 1 | L20EC1391 | SADHU NARAYANA | 1 st |
| 2 | Y19EC1365 | YADLAPALLI PRAVEEN | |
| 3 | L20EC1390 | RAIPUDI NAVEEN KUMAR | |
| 4 | Y19EC1358 | UPPUTURI SRIKANTH REDDY | |
| 5 | Y19EC1333 | SATTENAPALLI MAHESH | |
| 6 | L20EC1393 | SHAIK AASIF PASHA | |
| 7 | Y19EC1350 | THOTA RAMAKRISHNA | |
| 8 | L20EC1397 | THOTA RAMAKOTAIAH | |
| 9 | Y19EC1218 | CHENNAMRAJU NARENDRA VARMA | 2 nd |
| 10 | Y19EC1204 | ALURI YESWANTH KUMAR | |
| 11 | Y19EC1202 | AKULA MANIKANTA | |
| 12 | Y19EC1367 | YARLAGADDA NARASIMHA SWAMY | |
| 13 | Y19EC1203 | ALAPATI SNEHA DEEPTHI | |
| 14 | Y19EC1345 | TALASALA NANDINI | |
| 15 | Y19EC1270 | KONDA PRAVALIKA CHOWDARY | |

CHALAPATHI INSTITUTE OF ENGINEERING TECHNOLOGY

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