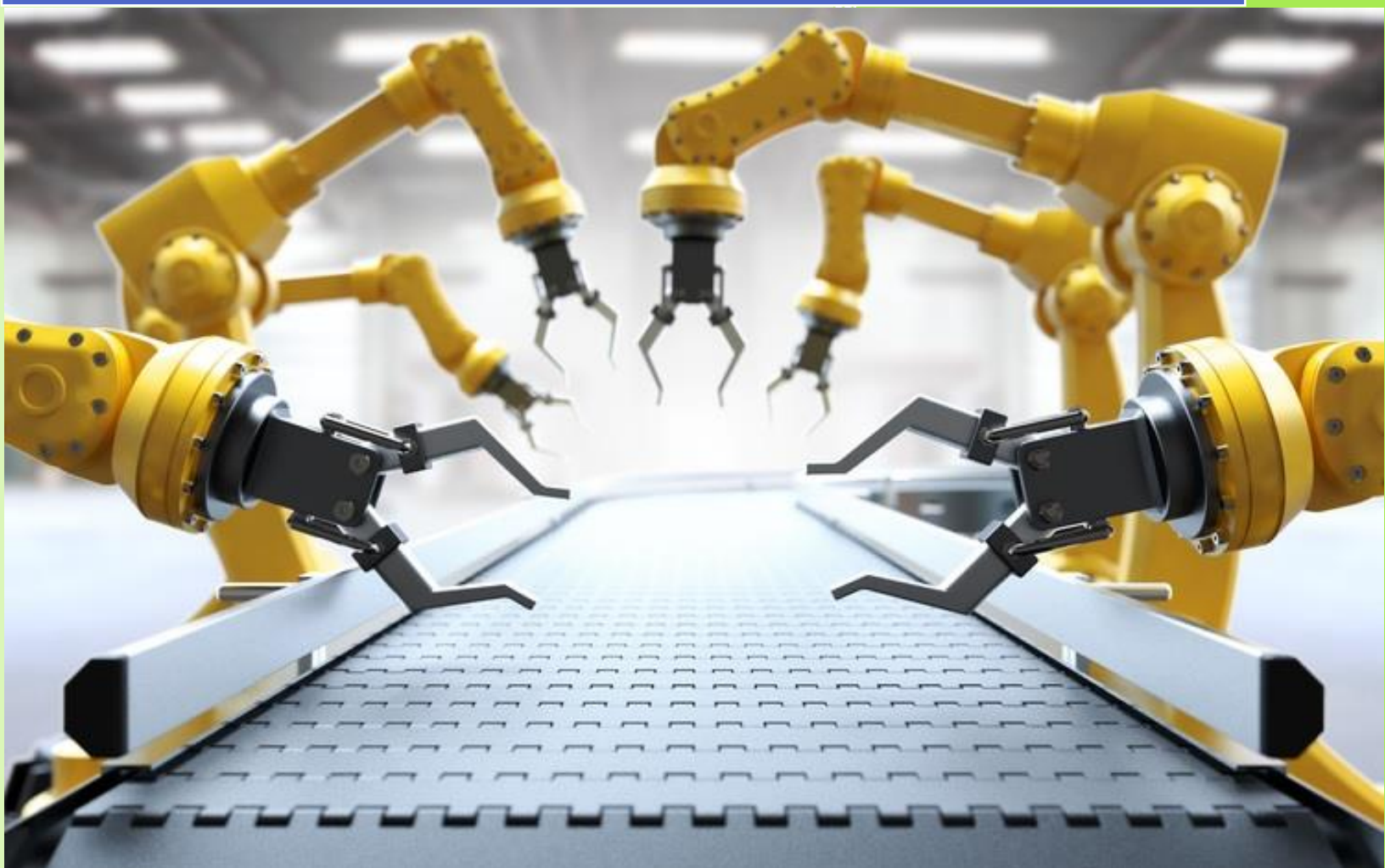


Volume-V Issue-I

JULY - DECEMBER

2017

ECE NEWSLETTER



**CHALAPATHI INSTITUTE OF
ENGINEERING AND TECHNOLOGY**
Dept. of Electronics & Communication Engineering

Chief Editor: Dr. M. Satya Sai Ram, HOD

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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 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-V Issue-I of ECE Newsletter 2017-18. 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. 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	FACULTY NAME	DESIGNATION
1	Dr. M. Satya Sai Ram	Professor &HOD
2	Dr.K.VenkataRamarao	Associate Professor
3	Prof. M.Subrahmanyeswara Rao	Associate Professor
4	Mr. B.Venkateswara Rao	Assistant Professor
5	Mrs. N.UmaKumari	Assistant Professor
6	Mrs. K.Vijaya Lakshmi	Assistant Professor
7	Mrs. M.Sirisha	Assistant Professor
8	Mr. P.ManiVara Kumar	Assistant Professor
9	Mr. K. Anil Kumar	Assistant Professor
10	Ms. M. KalpanaChowdary	Assistant Professor
11	Mr. K. Rajesh	Assistant Professor
12	Mr. Sk. Masthan	Assistant Professor
13	Mr. A. Suresh	Assistant Professor
14	Mr. K. Brahmendra	Assistant Professor
15	Mr. K. Tagore	Assistant Professor
16	Mr. M. Ravi Teja	Assistant Professor
17	Ms. Sk. Asma	Assistant Professor
18	Mrs. P. BalaPrasanthi	Assistant Professor
19	Mr. M. Koteswa Rao	Assistant Professor
20	Mr. B. VijayaSekhar	Assistant Professor
21	Mr. Y. Vishnu Vardhan	Assistant Professor
22	Ms. B.Prashanti	Assistant Professor
23	Ms.P.Soujanya	Assistant Professor
24	Mr.J.Venkatesh	Lab Technician
25	Ms.G.Saritha	Lab Technician
26	Ms. G.Manisri	Lab Technician
27	Ms.G.Ramya	Lab Technician

DEPARTMENT ACTIVITIES

IV/IV students trained for one week by APSSDC in Industry Automation courses from 18th Dec to 23rd December 2018.



IV/IV students interacting with Electric Drives Instructor

IV/IV students are listening to the explanation on industry automation tools



Instructor giving hands on session using Siemens S7-1200 and SIMANTIC TIA Software



Industry automation robot at the training center. (Pick and Place robot)



Faculty Achievements

AWARDS:

1. Sk. Masthan, Assistant Professor , ECE dept has received “Best Library Utilization award”
2. Ms. P. Balaprasanthi, Assistant Professor, ECE dept has received “Faculty Appreciation award”

RESEARCH PUBLICATIONS :

1. N.Renuka, **Dr. M. Satya Sai Ram**, “Improved Tone Reservation PAPR Reduction Algorithm in NC-OFDM/OQAM system,” Arabian Journal for Science and Engineering, Publisher: SPRINGER, Vol 43, Issue 1, December 2017, pp. 1-6. Global Impact Factor (GIF) value = 0.85
2. **Subrahmanywararao M**, A.Suresh, Rajesh Katragada and M.Suresh “The "Internet of Things" Perspective model of few Devices “ in International Journal of Electronics Engineering Research, Vol 9, Issue 7, pp. 985-993, July 2017.
3. P.Kanvitha, **M.Sirisha**, M.Kalpna Chowdary, “TIME TABLE MANAGEMENT SYSTEM USING RASPBERRY PI & RFID” in International Research Journal of Engineering and Technology, Volume: 04, Issue: 09, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Sep-2017.
4. **B. Venkateswara Rao** “Design of Spiral Antenna which covers Ghz Frequency Ranges”, IJMTST, Volume: 03 Issue: 08 Aug-2017.
5. P.Kanvitha, M.Sirisha, **M.Kalpna Chowdary**, “TIME TABLE MANAGEMENT SYSTEM USING RASPBERRY PI & RFID” in International Research Journal of Engineering and Technology, Volume: 04, Issue: 09, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Sep-2017.
6. M.Sirisha, **M.Kalpna Chowdary**, P.BalaPrasanthi and Sk.Aasma, “Data Transfer between Two Pen drives Using Raspberry Pi”, International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 07, pp.321-324, July 2017.

7. **M.Sirisha**, M.KalpanaChowdary, P.BalaPrasanthi and Sk.Asma, "Data Transfer between Two Pen drives Using Raspberry Pi", International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 07, pp.321-324,July2017.
8. **Sk. Masthan**, M. Koteswara Rao, Y.Mallikharjuna Reddy "Power efficient relaying strategy using QAM Modulation"- International journal for modern trends in science and technology volume:3 issue:7, July 2017.
9. **M. KoteswaraRao**, Sk.Masthan, Y.Mallikharjuna Reddy "Power efficient relaying strategy using QAM Modulation"- International journal for modern trends in science and technology volume:3 issue:7, July 2017.
- 10.Sony Polumatla, **Koteswara Rao.M**, Ch.Divya Susmitha, "Latent Fingerprint Matching Supported Texture Descriptor Mistreatment Though Transform" ,"International Journal for Modern Trends in Science and Technology" Volume: 03, Issue No: 07, July 2017,ISSN: 2455-3778,pp325-328.
- 11.M.Sirisha, M.KalpanaChowdary, **P.BalaPrasanthi** and Sk.Asma, "Data Transfer between Two Pen drives Using Raspberry Pi", International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 07, pp.321-324,July2017,
- 12.M.Sirisha, M.KalpanaChowdary, P.BalaPrasanthi and **Sk.Asma**, "Data Transfer between Two Pen drives Using Raspberry Pi", International Journal for Modern Trends in Science and Technology, Vol. 03, Issue 07, pp.321-324, July2017.
- 13.**P. Kanvitha**, S. Rajasekhar Reddy, M. Kalapana Chowdary, " An Efficient Architecture for Double Precision Floating Point Adder with LOA" Published in International Journal of Scientific Research in Science, Engineering and Technology, Print ISSN: 2395-1990, Online ISSN: 2394-4099, Volume 3, Issue 5, July-August-2017.
- 14.**Aala Suresh**, Parsha Manivara Kumar, Rajesh Katragadda, Nallapaneni Naga Raju, "Dual Band Operation of Slot Loaded Microstrip Antenna" , IJMTST, Volume: 03, Issue No: 07, July 2017
- 15.Subrahmanyaswararao M, **A.Suresh**, Rajesh Katragada and M.Suresh "The "Internet of Things" Perspective model of few Devices " in International Journal of Electronics Engineering Research, Vol 9, Issue 7, pp. 985-993, july 2017.
- 16.P. Kanvitha, S. Rajasekhar Reddy, **M. Kalapana Chowdary**, " An Efficient Architecture for Double Precision Floating Point Adder with LOA" Published in

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STUDENT ACHIEVEMENTS

1. P.Kanvitha, **M.Sirisha**, M.Kalpana Chowdary, "TIME TABLE MANAGEMENT SYSTEM USING RASPBERRY PI & RFID" in International Research Journal of Engineering and Technology, Volume: 04, Issue: 09, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Sep-2017.
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