



# SREE DATTHA INSTITUTE OF ENGINEERING AND SCIENCE

SHERIGUDA, IBRAHIMPATNAM

Department of Electronics and Communication Engineering

## E-NEWS LETTER-TECH PATRA

**Vision of Department:** To become world reputed centre for the Electronics and Communication Engineering education and inventions for the benefit of society.

**Dept Mission 1:** Train the Stake holders to gain knowledge in Electronics & Communication Engineering.

**Dept Mission 2:** Promote and involve in Social, Professional & Leadership activities.

**Dept Mission 3:** Provide state of the Art facilities to promote logical and innovative thinking.

**Dept Mission 4:** Collaborate to meet the challenges and betterment of the mankind.



SREE DATTHA INSTITUTE OF ENGINEERING AND SCIENCE  
SHERIGUDA, IBRAHIMPATNAM, HYD

### Vision, Mission of the Institute

#### Vision:

- To develop this Institute as one of the premier & top-class institution in India.
- To be an academic institution in dynamic equilibrium with its social ecological and economic environment, striving continuously to excellence in education, research and technological service to nation.

#### Mission:

- To provide high quality enterprising students with excellent technological skills
- To create and sustain a community of learning in which students acquire knowledge and learn to apply it professionally with due consideration for ethical and economic issues
- To pursue Research and disseminate research findings
- To help in building national capabilities in science, technology, humanities, management, education and research.

### **About the Department**

The Department of Electronics and communication Engineering degree prepare graduates for successful, profitable and lifelong careers in Electronics and Communication Engineering. In this Engineering students study hardware and software systems through innovative classroom instructions, supported by laboratories equipped with the state of-the-art hardware and software. The department ensures that the students are introduced to both fundamental and advanced knowledge in areas such as Electronics, Communication, embedded systems, networking technology, and software etc.

Salient Features of the department are as follows.

- State of the Art Computing Facilities
- ICT in Teaching and Learning
- Teacher as Mentor
- Research & Publications with Social Impact
- Supportive Learning for Placements
- Professional Development for Industrial Engagement

**Various activities conducted by the department for the students are as follows.**

- Value Added Courses
- Career Oriented Add-On Courses
- Special Training for Competitive Examination
- Expert Lectures for Industry Interaction
- Report Writing & Paper Presentation
- Personality Development & Soft Skill Training

### **Program Educational Objectives (PEOs)**

- **PEO 1:** Pursue Successful career in Industry, Research by applying contemporary Science, Engineering and Technical Skill with professional ethical values.
- **PEO 2:** Apply the Technical Skills, Analyze the Requirements, Prepare Technical Specific designs and provide novel Engineering Solutions with Ethics.
- **PEO 3:** Work in Multidisciplinary teams with effective Interpersonal skills to develop Sustainable Solutions for Industry and Society.
- **PEO 4:** Adopt the Recent Emerging Technologies and become a lifelong learner to analyze and produce efficient product designs.

### **PROGRAM OUTCOMES(PO'S)**

1. An ability to apply knowledge of computing, mathematics, science and engineering fundamentals appropriate to the electronics and communication engineering.
2. An ability to analyze a problem, and identify and formulate the electronics and communication requirements appropriate to its solution.
3. An ability to design, implement, and evaluate electronics and communication based system, process, component, or program to meet desired needs with appropriate Consideration for public health and safety, cultural, societal and environmental considerations.
4. An ability to design and conduct experiments, as well as to analyze and interpret data.

5. An ability to use current techniques, skills, and modern tools necessary for practice.
6. An ability to analyze the local and global impact of electronic communication on individuals, organizations, and society.
7. Knowledge of contemporary issues.
8. An understanding of professional, ethical, legal, security and social issues and responsibilities.
9. An ability to function effectively individually and on teams, including diverse and multidisciplinary, to accomplish a common goal.
10. An ability to communicate effectively with a range of audiences.
11. Recognition of the need for and an ability to engage in continuing professional development.
12. An understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects.

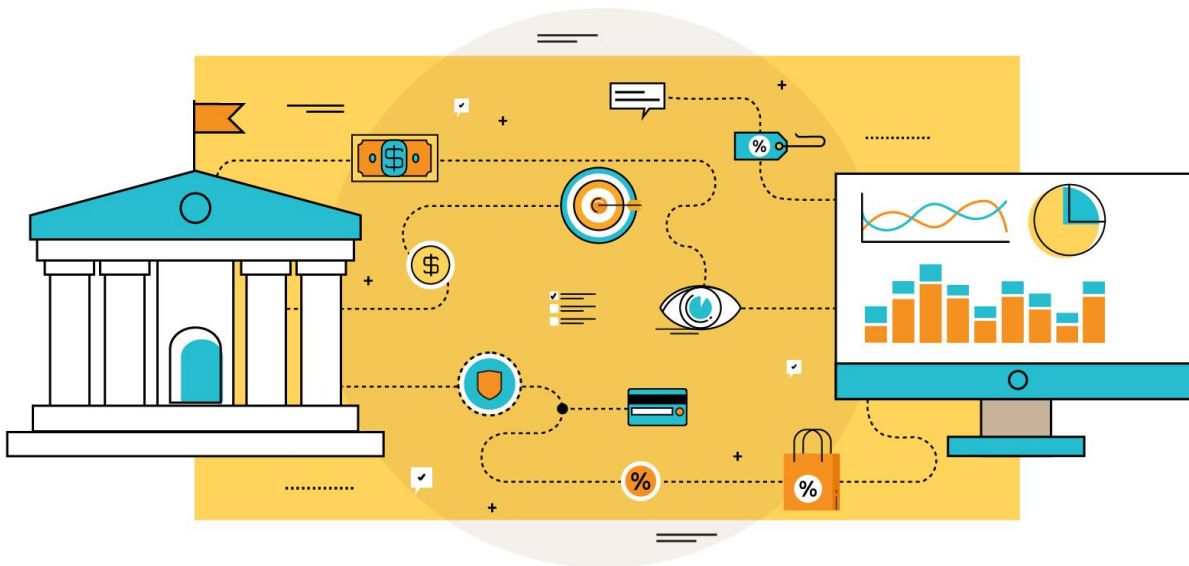
## LATEST TRENDZ

### ROBOTICS

This trend will explode within the next few years. Currently, two types of robots are in use: those that look like machines, and those that more resemble a person. The latter type includes displays that facilitate interface with humans – often, as with Robotelf Technologies' [Robelf](#), they show facial expressions. While all robots include some means of interface, people want visual confirmation of their interaction. In some environments, people may prefer to deal with a machine rather than a potentially rude or judgmental "service person." Self-service kiosks and ATMs at airports and banks have already proven our preference for working with machines. Having personal robots in a hotel room can automate requests such as asking for towels, ordering room service, etc. Soon you might be waited on by a robot in a restaurant. In human-interface applications, the display plays a significant role: large, aesthetically pleasing, interactive displays are desired; they have to be able to pass rigorous mechanical bump and vibration tests; and their specs are likely to be similar to those of automotive displays.



## Artificial intelligence will reshape the business strategies



AI BRINGS ENORMOUS CHANGES TO BUSINESS OPERATIONS, RESHAPING ENTIRE INDUSTRIES WITH THE POWER OF ADVANCED TECHNOLOGIES AND SOFTWARE. SOME COMPANIES NOW ACKNOWLEDGE THE VALUE OF IMPLEMENTING THE AI STRATEGIES FOR THEIR BUSINESS, AND A MAJOR LEAP TOWARDS AI IS ON THE WAY. LARGE COMPANIES WITH OVER 100,000 EMPLOYEES ARE MORE LIKELY TO IMPLEMENT THE AI STRATEGIES, BUT FOR THEM, THIS PROCESS CAN BE ESPECIALLY CHALLENGING. 2018 WILL BE THE YEAR WHEN THE LEADING FIRMS WILL INCORPORATE AI APPLICATIONS INTO THEIR STRATEGIC AND ORGANIZATIONAL DEVELOPMENT. ADDITIONALLY, THERE IS A POTENTIAL FOR ALGORITHMS MARKETPLACES, WHERE

THE BEST SOLUTIONS CREATED BY ENGINEERS OR COMPANIES CAN BE SHARED, BOUGHT, AND DEPLOYED FOR ORGANIZATIONS' INDIVIDUAL USE.

BRAVE IDEAS THAT USED TO BE HARD TO BELIEVE, ARE BECOMING REAL. THE CONSTANT DEVELOPMENT OF MACHINE LEARNING AND AI TECHNOLOGIES WILL MAKE EVERY BUSINESS BECOME DATA-DRIVEN, AND EVERY INDUSTRY SMARTER. AFTER YEARS OF BACKGROUND WORK ON PROTOTYPES AND IDEAS, THE NEW SOLUTIONS WILL BE BREATHTAKING. VIRTUAL ASSISTANCE FOR PATIENTS, COMPUTATIONAL DRUG DISCOVERY, AND GENETICS RESEARCH GIVE A GLIMPSE OF THE AMAZING USE CASES IN MEDICINE. MANY MORE APPLICATIONS FOR AUTOMATION, ROBOTIZATION, AND DATA MANAGEMENT IN DIFFERENT INDUSTRIES WILL BRING SIGNIFICANT CHANGES. HEALTHCARE, CONSTRUCTION, BANKING, FINANCE, MANUFACTURING – EVERY EXISTING INDUSTRY WILL BE RESHAPED.

#### SIGNATURE DAY CELEBRATIONS



Signature day celebrations of ECE Department with director sir



On signature day taking picture with javid sir

NSS ACTIVITY



NSS activity inauguration by CSE



Speech by vibhav sir on NSS activity

FARE WELL DAY CELEBRATIONS



Director Sir and Javed sir cheering with students



ECE student presenting bouquet to Director Sir



Fresher's Day Lightening ceremony



Director sir interacting with the Fresher's Day students

## YOGA DAY CELEBRATION



students doing the Asanas during the Yoga day



Hod sir Teaching the Asanas to the students

## PLACEMENTS DETAILS OF THE STUDENTS

## Placement data for the year 2017-2018

Sl.No.	NAME OF STUDENT PLACED	Enrollment no.	NAME OF THE EMPLOYER	Appointment Letter Reference No with Date
1	14E41A0401	POLA NAVEEN	Genpact	17/2/2018
2	14E41A0402	TALASANI SREEJA REDDY	Genpact	17/2/2018
3	14E41A0403	MADHULA SAHITH REDDY	Genpact	17/2/2018
4	14E41A0404	G. ANUSHA	Genpact	17/2/2018
5	14E41A0405	PASHAM VANI	Genpact	17/2/2018
6	14E41A0406	NALLAGIINNELA NIKITHA	HCL	Ref. No. 163460 Date: 20/2/2018
7	14E41A0407	TELUGU RAJ KUMAR	HCL	Ref. No. 163461 Date: 20/2/2018
8	14E41A0408	ANEDLA SATHISH REDDY	HCL	Ref. No. 163463 Date: 20/2/2018
9	14E41A0409	ANUGU SINDHUJA	HCL	Ref. No. 163465 Date: 20/2/2018
10	14E41A0410	KATAKAM NIKHIL	HCL	Ref. No. 163467 Date: 20/2/2018
11	14E41A0411	MUDIGONDA SAINATH	HCL	Ref. No. 163469 Date: 20/2/2018
12	14E41A0412	AMANCHI MANI DEEP	HCL	Ref. No. 163471 Date: 20/2/2018
13	14E41A0413	NAGAPURI SAIRAM CHARY	Creatic Solutions Pvt Ltd	24/11/2017



14	14E41Ao414	MUNIGALA DEERAJ KUMAR	Creatic Solutions Pvt Ltd	24/11/2017
15	14E41Ao415	GONDLE NAVAVEETH KUMAR	Creatic Solutions Pvt Ltd	24/11/2017
16	14E41Ao416	K. PRIYANKA	Creatic Solutions Pvt Ltd	24/11/2017
17	14E41Ao419	MADDERLAWAR AMULYA	Creatic Solutions Pvt Ltd	24/11/2017
18	14E41Ao421	V.NARASIMHA KOUNDINYA	Creatic Solutions Pvt Ltd	24/11/2017
19	14E41Ao422	SINGAPAGU BHANU PRAKASH	Creatic Solutions Pvt Ltd	24/11/2017
20	14E41Ao423	SOMU NAGESH		
21	14E41Ao426	A.TEJASWINI	Wanes Technologies Pvt Ltd	8/1/2018
22	14E41Ao427	P.SUSHMA	Wanes Technologies Pvt Ltd	8/1/2018
23	14E41Ao428	SHAIK MUSTHAFA	Wanes Technologies Pvt Ltd	8/1/2018
24	14E41Ao429	SATYA SAI CHAITANYA.V	Wanes Technologies Pvt Ltd	8/1/2018
25	14E41Ao430	T.SRIDHAR	Wanes Technologies Pvt Ltd	8/1/2018
26	14E41Ao431	T. SRIKANTH	Wanes Technologies Pvt Ltd	8/1/2018
27	14E41Ao432	C. ANUSHA REDDY	Wanes Technologies Pvt Ltd	8/1/2018
28	14E41Ao433	K. KALPANA	Wanes Technologies Pvt Ltd	8/1/2018
29	14E41Ao435	A. SRIKANTH	Wanes Technologies Pvt Ltd	8/1/2018
30	14E41Ao441	P. ASHOK REDDY	Wanes Technologies Pvt Ltd	8/1/2018
31	14E41Ao442	P.SANTHOSH KUMAR	Wanes Technologies Pvt Ltd	8/1/2018
32	14E41Ao452	DURGEMPUDI ASHA LATHA	Wanes Technologies Pvt Ltd	8/1/2018
33	14E41Ao454	JAKKAANOLLA PRUTHVI RAJ	Wanes Technologies Pvt Ltd	8/1/2018
34	14E41Ao455	GIRI LAKKI REDDY PRAVEENA	Wanes Technologies Pvt Ltd	8/1/2018
35	14E41Ao456	E. SNIGDHA	Wanes Technologies Pvt Ltd	8/1/2018
36	14E41Ao458	BOMIDIKA SOUMYA REDDY	Wanes Technologies Pvt Ltd	8/1/2018
37	14E41Ao462	NAVYA GULIKAR	Wanes Technologies Pvt Ltd	8/1/2018

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