

# Newsletter

## Electro Vision '19

**December 2019    Volume: 4    Issue: 1**



Estab. : 2001

### Sri Indu College of Engineering & Technology

An Autonomous Institution Under UGC

Recognized under 2(f) and 12(B) of UGC Act 1956

NAAC & NBA Accredited, Approved by AICTE and Permanently affiliated to JNTUH, Hyderabad.

Cell No: 9347306999, 9347363999, 7093703888, 9347353999 - [www.sriindu.ac.in](http://www.sriindu.ac.in)

EAMCET, PG CET & ICET Code : INDU



An  
ISO 9001 : 2000  
CERTIFIED COLLEGE



CAMPUS PLACEMENTS ORIENTED INSTITUTION



**Department of Electronics and Communication  
Engineering**

### **INSTITUTION VISION (IV)**

To be a premier Institution in Engineering & Technology and Management with competency, values, and social consciousness.

### **INSTITUTION MISSION (IM)**

- IM1:** Provide high quality academic programs, training activities and research facilities.
- IM2:** Promote Continuous Industry-Institute interaction for employability, entrepreneurship, leadership, and research aptitude among stakeholders.
- IM3:** Contribute to the economic and technological development of the region, state, and nation.

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **DEPARTMENT VISION (DV)**

To be a centre of excellence in Electronics and Communication Engineering Education to produce professionals for ever-growing needs of society.

### **DEPARTMENT MISSION (DM)**

- DM1:** To promote and facilitate student- centric learning.
- DM2:** To involve in activities that enable overall development of stakeholders.
- DM3:** To provide holistic environment with state-of-art facilities for students to develop solutions for various social needs.
- DM4:** Organize trainings in embedded systems with Industry interaction.

### **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

- PEO1:** Accomplish technical proficiency for the efficacious ECE Professional.
- PEO2:** Pursue higher studies with emphasizing design, test, and development of the systems to meet the industry and societal needs.
- PEO3:** Become entrepreneur by practicing ethics, professional integrity, and leadership qualities.

### **PROGRAM SPECIFIC OUTCOMES (PSOs)**

- PSO 1:** To manure and empower the SICET-ECE students strong in practical, technical and research domains in the areas of Signal/Image processing. VLSI and wireless Communication.
- PSO 2:** To design and develop a prototype system that will incorporate user requirements using modern devices and emerging technology for industry automations.
- PSO 3:** To make the SICET-ECE students as successful industry ready engineers by imparting essential interpersonal skills and widespread exposure on multi-disciplinary technologies.

POS	PROGRAM OUTCOMES STATEMENTS
<b>PO1:</b>	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
<b>PO2:</b>	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
<b>PO3:</b>	<b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
<b>PO4:</b>	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
<b>PO5:</b>	<b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
<b>PO6:</b>	<b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice
<b>PO7:</b>	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and contexts, and demonstrate the knowledge of, and need for us environmentally sustainable development
<b>PO8:</b>	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
<b>PO9:</b>	<b>Individual and teamwork:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
<b>PO10:</b>	<b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
<b>PO11:</b>	<b>Project management and finance:</b> Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
<b>PO12:</b>	<b>Life-long learning:</b> Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## ACHIEVEMENTS

- 137 placements in the academic year 2018-19.
- Accredited by NAAC.
- Collaboration with CISCO Networking academy.
- Collaboration with Service Now & SAP students Training Partner.
- College is recognized as an Active Local Chapter by SWAYAM NPTEL, IIT Madras.
- 205 Faculty and Students received SWAYAM-NPTEL Certification from IIT's and IISc.
- Received Appreciation certificate for waste Management from ITC Group. 142 MOOC online certificate courses completed from COURSERA by Faculty and students from reputed foreign universities.

## PROFESSIONAL MEMBERSHIPS IN SICET

- **IEEE** - Institute of Electrical and Electronics Engineers
- **ASME** - American Society of Mechanical Engineers
- **CSI** - Computer Society of India
- **IETE** - Institution of Electronics and Telecommunication Engineers
- **ISTE** - Indian Society for Technical Education
- **DELNET**-Developing Library Network
- **NDL** - National Digital Library of India
- **NLIST** - UGC e-Shod Sindhu Consortium
- **JGate**- JGate Engineering and Technology

## MOOCS

- **SWAYAM NPTEL** Local Chapter
- **COURSERA** Campus Program



# MOOCs- SWAYAM NPTEL CERTIFICATES

## Students

S. No.	Course Name	Name	Final Score	Certificate Type
1	Analog Communication - Online	Boda Usha	64	Elite
2	Analog Communication - Online	Dammojushivani	60	Elite
3	Analog Communication - Online	Muggulla Sai Narsimha	65	Elite
4	Analog Communication - Online	Sharva Ashok Kumar	66	Elite
5	The Joy of Computing using Python - Online	Sainath Veerla	72	Elite
6	Digital Image Processing - Online	Phanindra Chigullapally	61	Elite
7	Digital Image Processing - Online	Chennaram Shivananda	72	Elite
8	Analog Communication - Online	Kunchala Venkatesh	55	Successfully completed
9	Analog Communication - Online	Manda Sushma	56	Successfully completed
10	Analog Communication - Online	Miryala Nandhini	55	Successfully completed
11	Analog Communication - Online	D Chaitanya Shree	54	Successfully completed
12	Analog Communication - Online	Pallerla Vamshi	56	Successfully completed
13	Analog Communication - Online	Burugu Harika	53	Successfully completed
14	Analog Communication - Online	Lingala Bhuvana Sri	54	Successfully completed
15	Analog Communication - Online	Nenavath Praveen	54	Successfully completed
16	Introduction to Embedded System Design	Ajay Rangishetti	70	Elite

## Staff

S. No	Course Name	Name & Designation	Final Score	Certificate Type
1	Analog Communication – Online	Mrs.Sravanthi G.& Associate Professor	75	Elite+Silver
2	Analog Communication – Online	Mrs Bommala Neeraja& Associate Professor	75	Elite+Silver
3	Accreditation and Outcome based Learning - Online	Mrs Kotra Raghu Rajitha &Associate Professor	80	Elite+Silver
4	Digital Image Processing – Online	Mrs K Maheshwari Devi &Associate Professor	75	Elite+Silver
5	Introduction to Wireless and Cellular Communications - Online	Mr.Abdul Khaja Pasha &Associate Professor	54	Successfully completed
6	Microwave Theory and Techniques - Online	Mr.Narsimulu Sribaccha& Associate Professor	48	Successfully completed
7	Digital Image Processing – Online	Dendhi Thirumal &Reddy Associate Professor	57	Successfully completed
8	Digital Image Processing – Online	Mr.Pise Prashant Saswathrao &Associate Professor	58	Successfully completed
9	Introduction to Wireless and Cellular Communications - Online	Mrs Krishnaveni Goddu& Associate Professor	53	Successfully completed

## TRAINING & PLACEMENT CELL

Striving for 80% placements is the leading motto of the Training and Placement Cell. The trainers have more than a decade of experience in understanding the training requirements of undergraduate students and designing program to help students attain career success. Started in response to an emergent need the T&P Cell aims to bridge the gap between the requirements of the corporate and the skill sets that the students acquire during college.

The Goal of Training & Placement Cell of Sri Indu is to be a liaison between Industry and students to provide employment opportunities available in the market and to provide intensive training to the students for their overall development. The institute has provided complete well infrastructure for effective functioning for conducting various activities, which are being undertaken regularly like placement of the students and development programs.

## CAMPUS RECRUITMENT TRAINING- CRT

**Campus Recruitment Training (CRT)** is to aid candidates in their preparation for Recruitment through Campus or outside campus. Program which is exclusively designed for the students preparing for recruitment and is geared towards ensuring that the students are well equipped to get through the recruitment process of various IT and NON-IT companies. Daily training sessions for the students by the CRT and regular practice on Soft Skills, Quantitative aptitude, & Mock Interviews, Group Discussions, Reasoning Logical & Analytical, Personality Development Skill, Speaking Communication Skill, Personal Interviews Presentation skill and Resume Preparation. The program has different modules for preparing the job aspirant to tackle the interview process like: Written Test and Aptitude test, Company specific Comprehensive Tests, Guidance about the selection processes followed by various companies

## CRT Training sessions





## INDUCTION PROGRAM

Three days Induction classes were conducted from 25-11-2019 to 27-11-2019

**1<sup>st</sup> and 2<sup>nd</sup> day Session by Dr. Naga Prasad, World Recorder for Motivational Speech**



**PLACEMENTS IN THE ACADEMIC YEAR 2019-20**

S. No	Name	Company Name
1.	Anireddy Harika Reddy	Aliens Developers Pvt Ltd
2.	Bhavana Madiseti	Aliens Developers Pvt Ltd
3.	Praneeth Reddy Pachika	Aliens Developers Pvt Ltd
4.	Shruthi Gungi	Aliens Developers Pvt Ltd
5.	G Akhil	Aliens Developers Pvt Ltd
6.	Pathuri Mamatha	Hcl Technologies Ltd
7.	Peddi Sai Nagesh	Justdial
8.	Sreenidhi Mavoori	Mindtree
9.	Lavanya Mareedu	Infosys
10.	Abhinav Mamidipally	Winfo
11.	Spandana Katakam	Hcl Technologies Ltd
12.	Prashanth Ch	Ibeon Infotech Pvt Ltd
13.	Raghunath Reddy Kasireddy	Tata Consultancy Services
14.	Aduupala Pooja	Mouri tech Pvt Ltd
15.	A Jessy Prashanthi	Mouri tech Pvt Ltd
16.	D Shiva Sai Sowmya	Mouri tech Pvt Ltd
17.	C Ramya Reddy	Face
18.	M Anil	Goel Corporation Ltd
19.	Vanguru Preethi	Orient Spectra Education Consultants Pvt Ltd
20.	Pavan Kumar Raju	Tata Consultancy Services
21.	Alekya Nalla	Amazon
22.	Saikumar Makunuri	Cognizant
23.	Sreevidhya Thota	Cognizant
24.	Sreenidhi Mavoori	Cognizant
25.	K V M Sai Teja	Zenq
26.	Ravi Chandra Moganti	Tata Consultancy Services
27.	Rishika Sambavi Kakularapu	Tata Consultancy Services
28.	Bhavana Madiseti	Tata Consultancy Services
29.	Bhanuprasad Manda	Tata Consultancy Services
30.	Analini Kappala	Tata Consultancy Services
31.	Saikiran Elluri	Tata Consultancy Services
32.	Aishwarya Ranga Narapuram	Tata Consultancy Services
33.	Uday Kiran Reddy Korupolu	Tata Consultancy Services
34.	Gopi Yarramreddy	Tata Consultancy Services
35.	Abhishek Anumula	Tata Consultancy Services
36.	Sai Krishna Kyama	Tata Consultancy Services



37.	Chandana Poloju	Tata Consultancy Services
38.	Sashank Nandula	Tata Consultancy Services
39.	Shravani Yadgirkar	Cognizant
40.	Chandana Mallu	Cognizant
41.	Yamini Menta	Cognizant
42.	C Ramya Reddy	Cognizant
43.	Sai Sivasankaran Madhusudhan	Cognizant
44.	Gunda Srilaya	Cognizant
45.	Kanumuri Reeshma	Cognizant
46.	Komatireddy Deeksha	Cognizant
47.	Bhavana Sanaka	Nebulogic
48.	Ranuva Harsha Vardhan	Wipro
49.	Quadeer Sonu	Infosys
50.	Biradhar Sony	Concentrix Daksh Services
51.	Lakshmi Kavarthapu	Infinx
52.	H Sandhya Rani	Mindwave
53.	Ravi Teja Kallem	Mindwave
54.	R Abhishek	Mindwave
55.	Shirisha Thumu	Mindwave
56.	R Rajesh	Suryatech Solutions
57.	Md.Sayeed Ahmed	Suryatech Solutions
58.	A Sravanthi	Exceed Management Pvt Ltd
59.	M Vamsi Krishna Yadav	Exceed Management Pvt Ltd
60.	Sareddy Triveni	Ust Global
61.	M Vamsi Krishna Yadav	Haygot Services Pvt Ltd
62.	Shravan Goud	Altruista Health
63.	Gade Harish Reddy	Quess Corp Limited
64.	Chittani Prashanth	Mphasis
65.	Bharath Reddy Gurram	Audree Infotech
66.	Gudala Sowmya	Ctrl's Data Centre
67.	Bhavani Varma K	Infosys
68.	Pranathi Yarravalli	Infosys
69.	Anireddy Harika Reddy	Mouritech Pvt Ltd
70.	Madiraju Sai Krishna Rahul	Embedded Sys
71.	Bhanu Vinay	Tcs
72.	J Lahari	Tcs
73.	Y Chetan Reddy	Tech Mahindra Ltd
74.	D Sai Kiran Reddy	Mindwave
75.	Bathula Shiva Goud	Mouritech Pvt Ltd
76.	B Sunil Kumar Reddy	Cluzters. Ai

## SOFT SKILLS TRAINING

In the present world largely driven by service industry, soft skills are much sought after, especially by IT companies. Very often recruiters, because of absence of these skills reject majority of the candidates. As we are all aware, the undergraduate years coincide with the most impressionable age of the students where their attitudes are developed, and preference & interests formed. Therefore, before stepping into the world of work students require proper initiation and the right personality. Personality enhancement program at our college is therefore exclusively designed to prepare entrepreneurial, learnable, employable & readily billable students.

## FACULTY ACHIEVEMENTS

### Publications

- **Dr.N. Subash** Automated Brain Tumor Detection and Segmentation from MRI Images using Adapt JOURNAL Vole-9, ISSN: 2278-3075, page no 2642, NOV,2019.
- **Dr.J. Martin Sahayaraj** Automated Brain Tumor Detection and Segmentation from MRI Images using Adapti JOURNAL Vole-9, ISSN: 2278-3075, page no 2642, NOV,2019.
- **Dr.J. Martin Sahayaraj**, “A Novel Design of Microstrip Antenna for Wireless Applications” Journal of Science Technology and Research (JSTAR), Volume No.1, Issue No.1 (2019).
- **Dr.N. Subash** Wavelet based Video Compression Using Various Encoding Techniques: A Relative Study International Journal of Engineering & Technology, 7 (3.24) (2019) 501-504.
- **Dr. Joseph Prabhakar Williams** H, 2019, ‘Low power architecture of radix-8 SDC FFT for OFDM wireless communication systems’, International Journal of Emerging Technologies & Innovative Research (IJETIR), ISSN: 2349-5162, Volume 6, Issue 4, pp: 237-239.

### Patents: – Filed and Published

- **Dr.N. Subash & Dr.J. Martin Sahayaraj** an Energy Efficient Incentives Resource Allocation Scheme for a Cooperative Communication System PUBLISHED ,2019 201941019144 A.

## Guest Lecture by Dr. Surendra Kumar



## Teachers' Day Celebration





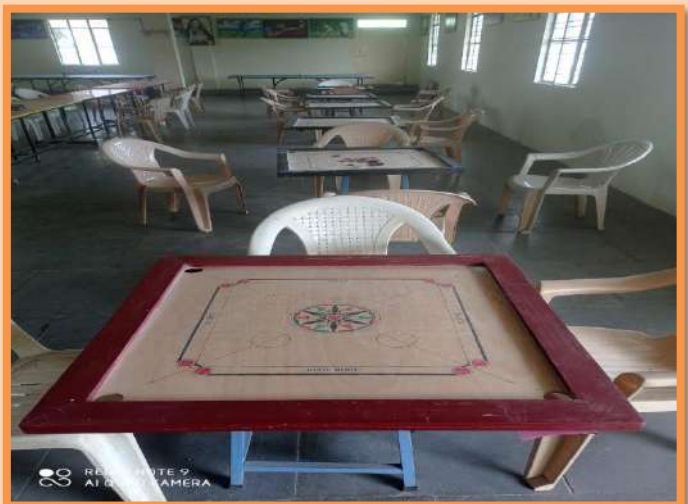




## National Science Day



## Events





## Industrial Visit



## Campus Placement





## International Yoga Day



### Chief Editors

**Dr.J.MARTIN SAHAYARAJ**

**Dr.N.SUBASH**

**Dr.H. JOSEPH PRABHAKAR WILLIAMS**

### Associate Editors

**B. JAYANTH (19DA1A0471)**

**MOHAMMED ABDUL (19D41A04C3)**

**NAMANI SINDHU (19DA1A04C9)**



# SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY



**Main Block**



**Girls hostel**



**First year block**



**ECE Block**



**Central Library**



**Cricket Ground**