PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada)

1-378, ADB Road, Surampalem, E.G. District, A.P.-533 437

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Learning is Supreme Deity

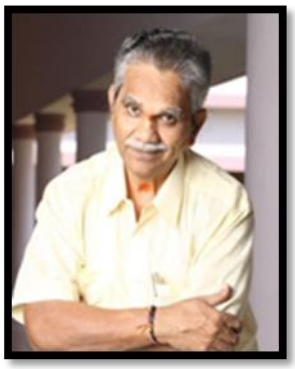
EC-TIMES

VOLUME#11 ISSUE#1

ACADEMIC YEAR: 2018-19

July to December

FROM DIRECTOR'S DESK



It gives immense pleasure to flag-off the newsletter "EC-TIMES" of the department of Electronics and Communication Engineering, highlighting the activities of the period 2018(July-Dec). It is endeavour of the department to articulate the newsletter with various information's to acquaint its readers with the achievements of the ECE fraternity. The laudable exercise of the students and staff of this department has already brought laurels in various corners of this institution. I applaud the staff and students for this achievement and wish that everyone continue their untiring efforts not only to retain this achievement but to grow to further high standards. Also, congratulate head of the department for taking initiative in releasing the seventh newsletter.

FROM H.O.D'S DESK

Engineering is releasing its Tenth issue of "**EC– TIMES**" newsletter. 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. With this bright vigor and enthusiasm, let's us look forward for further progress of our department academic objectives set for the year 2018-19. On this occasion we invite the alumni of ECE to come forward with new conceptual ideas towards department growth. Finally, department would like to convey sincere thanks to the management for their continuous support and admiration.

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Vision of the Department

To be an acknowledged Leader in providing quality education, training and research in area of Electronics and Communication Engineering to meet the industrial and Societal needs.

Mission of the Department

M1	To facilitate students with a state-of-the-art infrastructure, learning environment and value-based education to improve technical knowledge and skills for continuous learning process.
M2	To impart high quality education with well qualified faculty and enable students to meet the challenges of the industry at global level
M3	To promote innovation and active industry institute interaction by facilitating the students to improve their leadership and entrepreneurship skills with ethical values.

Program Educational Objectives (PEOs)

PEO 1	To prepare Graduates with sound foundation in fundamentals of mathematics, science and engineering to assist them exhibit strong, independent learning, analytical &problem solving skills in Electronics and Communication Engineering domain.
PEO 2	To facilitate learning in the core field with effective use of modern equipment and programming tools to solve real life, multi-disciplinary problems with professional, ethical attitude and also to make them aware of their social responsibilities.
PEO 3	To assist and enable individuals to imbibe lifelong learning in thrust areas related to research & innovation to have Progressive Careers or Entrepreneurs.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO-1	The ability to apply concepts in electronics and communication engineering, to design and implement complex systems in the areas related to analog and digital electronics, communication, signal processing, VLSI & ES.
PSO-2	Ability to provide discerning solutions based on the their expertise in electronics and communication courses in competitive examinations for successful employment, higher studies and research.

PROGRAM OUTCOMES (POs)

1	**Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	**Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	**Design/development of solutions**: 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.
4	**Conduct investigations of complex problems**: 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.
5	**Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6	**The engineer and society**: 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.
7	**Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	**Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	**Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	**Communication**: 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.
11	**Project management and finance**: 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.
12	**Life-long learning**: 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.

STAFF LIST

S.NO	NAME OF THE STAFF	QUALIFICATION	DESIGNATION
1	Dr. RAGHURAM GUDE	ME/M. Tech and PhD	Professor
2	Dr. SAILAJA VEMURI	ME/M. Tech and PhD	Professor
3	Dr. K S KUMARA SWAMY	ME/M. Tech and PhD	Professor & HOD
4	Mr. V PRASANTH	M.E/M.Tech	Associate Professor
5	Mrs. P SUNITHA	M.E/M.Tech	Associate Professor
6	Mr G S SIVAKUMAR	M.E/M.Tech	Associate Professor
7	Mr K RAGHURAM	M.E/M.Tech	Associate Professor
8	Mr D NATARAJ	M.E/M.Tech	Associate Professor
9	Mrs B VASANTHA LAKSHMI	M.E/M.Tech	Associate Professor
10	Mr CH VENKATESWARLU	M.E/M.Tech	Assistant Professor
11	Mrs K SURYA KUMARI	M.E/M.Tech	Assistant Professor
12	Mr CH SATISH	M.E/M.Tech	Assistant Professor
13	Mrs G SRILAKSHMI	M.E/M.Tech	Assistant Professor
14	Mrs P PRASANNA KUMARI	M.E/M.Tech	Associate Professor
15	Mrs B S S VIDYA	M.E/M.Tech	Assistant Professor
16	Mr P VIJAY GOPAL	M.E/M.Tech	Assistant Professor
17	Mr T VISHNU MURTHY	M.E/M.Tech	Assistant Professor
18	Mr K ARUNVEER KUMAR	M.E/M.Tech	Assistant Professor
19	Mr B SUDHIR	M.E/M.Tech	Assistant Professor
20	Mr M RAVI KUMAR	M.E/M.Tech	Assistant Professor
21	Mrs G V UJWALA	M.E/M.Tech	Assistant Professor
22	Mr K AJAY KIRITI	M.E/M.Tech	Assistant Professor
23	Mr P KRISHNA CHAITANYA	M.E/M.Tech	Assistant Professor
24	Mrs K DEEPTHI	M.E/M.Tech	Assistant Professor
25	Mr K V R VARAPRASAD	M.E/M.Tech	Assistant Professor
26	Mr M SRINIVAS	M.E/M.Tech	Assistant Professor
27	Ms D V V LAKSHMI	M.E/M.Tech	Assistant Professor
28	Mr CH.LAKSHMINARAYANA	M.E/M.Tech	Assistant Professor
29	Mr T MANIKUMAR	M.E/M.Tech	Assistant Professor
30	Ms U SANDHYA ALEKHYA	M.E/M.Tech	Assistant Professor
31	Mr K PASIPALANA RAO	M.E/M.Tech	Assistant Professor
32	Mrs A S AMRUTHA VARSHINI	M.E/M.Tech	Assistant Professor
33	Mr M PRIYANKA	M.E/M.Tech	Assistant Professor
34	Mrs P RAMYA KRISHNA	M.E/M.Tech	Assistant Professor
35	Ms B PRAKRUTHI	M.E/M.Tech	Assistant Professor
36	Mr P.SITARAMANJANEYULU	M.E/M.Tech	Assistant Professor
37	Mrs K CHAITANYA SRI	M.E/M.Tech	Assistant Professor
38	Mr G DURGA PRASAD	M.E/M.Tech	Assistant Professor
39	Ms Y ANANTYA SATYA	M.E/M.Tech	Assistant Professor
40	Mrs K SATYADEVI	M.E/M.Tech	Assistant Professor
41	Ms P ANURADHA	M.E/M.Tech	Assistant Professor
42	Mr P VENKATESH	M.E/M.Tech	Assistant Professor

43	Mrs K SOWJANYA	M.E/M.Tech	Assistant Professor
44	Mr K T K MOHAN	M.E/M.Tech	Assistant Professor
45	Ms D SRAVYA	M.E/M.Tech	Assistant Professor
46	Mr K V RAJESH KUMAR	M.E/M.Tech	Assistant Professor
47	Mr T SEKHAR	M.E/M.Tech	Assistant Professor
48	Mr SONGA SANDEEP	M.E/M.Tech	Assistant Professor
49	Dr K VENU GOPAL RAO	ME/M. Tech and PhD	Associate Professor
50	Ms RUBIA TASNEEM	M.E/M.Tech	Assistant Professor
51	Dr BHASKAR G	ME/M. Tech and PhD	Associate Professor

FACULTY FDPs/WORKSHOPS

S.No	Name of the Faculty	Name of the Event	Venue & Date
1	Dr.V.Sailaja	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
2	Mr.P.Vijay Gopal	Five day's faculty development program on Internet of Things(IoT)	NIT Warangal, On 18th - 22nd Jun, 2018
3	Mr.Ch.Lakshmi Narayana	Seven day's faculty development program on Practical RF Antenna Design	Chalapathi Intitute of Technology,Guntur, On 4th-10th Jun 2018
4	Ms.D.V.V.Lakshmi	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
5	Ms.D.V.V.Lakshmi	Six day's faculty development program on Embedded Systems(IoT)	Pragati Engg College,Surampalem, On 9th - 14th July, 2018
6	Ms.Rubia Tasneem	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
7	Mr.G.S.Siva Kumar	One week faculty development program on Improving Teaching Skills in Network Analysis	JNTUK, Kakinada, On 29th - 2nd Nov, 2018

8	Mr.G.S.Siva Kumar	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
9	Mr.G.S.Siva Kumar	One and half week NPTEL-AICTE faculty development program on OP-Amp Practical Applications:Design,Simulation and Implementation	NPTEL-AICTE , Jul-Oct 2018
10	Mr.D.Nataraj	One week faculty development program on Signal Processing for 5G Wireless Communications	Lendi Institute of Engineering & Technology,Vizianagaram, On 5th - 10th Nov, 2018
11	Mrs.K.Surya Kumari	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
12	Mr.G.S.Siva Kumar	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
13	Mr.G.S.Siva Kumar	One week NPTEL-AICTE faculty development program on Op amp Practical Applications:Design,Simulation and Implementation	NPTEL-AICTE , Jul-Oct 2018
14	Mr.B.Sudhir	Eight day's faculty development program on New Algorithms for Signal Processing Handson	Lakireddy Balireddy College of Engineering,Myalavaram, 20th-27th Apr, 2018
15	Mr.B.Sudhir	Six day's faculty development program on Embedded Systems(IoT)	Pragati Engg College,Surampalem, On 9th - 14th July, 2018
16	Mr.T.Vishnu Murthy	One week faculty development program on Signal Processing for 5G Wireless Communications	Lendi Institute of Engineering & Technology,Vizianagaram, On 5th - 10th Nov, 2018
17	Mr.M.Srinivas	One week NPTEL-AICTE faculty development program on Op amp Practical Applications:Design,Simulation and Implementation	NPTEL-AICTE , Jul-Oct 2018

18	Mrs.B.Vasantha Lakshmi	One week NPTEL-AICTE faculty development program on Developing Soft Skills and Personality	NPTEL-AICTE , Aug-Oct 2018
19	Mrs.B.Vasantha Lakshmi	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
20	Mr.D.Nataraj	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
21	Mr.K.Raghuram	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
22	CH.Satish	Five day's faculty development program on Internet of Things(IoT)	NIT Warangal, On 18th - 22nd Jun, 2018
23	Mrs.G.Sri Lakshmi	One week faculty development program on Real Time Embedded Systems and IoT, Its Application	Pragati Engg College,Surampalem, On 3rd - 8th Sep, 2018
24	Rubia Tasneem	One Day National level "Faculty Development Programme" on "Block Chain - The Modern Internet" Organized by Incubation Center, JNTU Kakinada	16th August 2018, at JNTUK Kakinada
25	Mr. K.V.R.Vara Prasad	One Week "Faculty Development Programme" on "Improving the Teaching Skills in Network Analysis" Organized by Directorate Of The Faculty Development Center at JNTUK	29th october – 2nd November,2018
26	G.S.Siva Kumar	One Week "Faculty Development Programme" on "Improving the Teaching Skills in Network Analysis" Organized by Directorate Of The Faculty Development Center at JNTUK	29th october – 2nd November,2018

RESEARCH & DEVELOPMENT

Research laboratories: JNTUK Recognized R & D Centre:

- Research Laboratories at Department of Electronics and communication Engineering is recognized Research Center by Jawaharlal Nehru Technological University, Kakinada.
- The research center emphasis on research under various areas of specialization that include communication, low power VLSI, AWP, Speech Processing, Image Processing.
- The Electronics and communication Engineering Department has separate laboratories catering to the

needs of both the regular course work and research works at different levels. The laboratories are well equipped with all the regular analytical instruments.

- Research lab is set up as additional facility to facilitate the students and faculties to involve in research projects, consultancy and to keep pace with the latest technology
- Open-ended experiments are added along with the existing experiments in the laboratory to enhance the technical skills.

Research Centre details

University	Year of Recognition	Duration
JNTUK	October 2018	2018-19 to 2019-20

Jawaharlal Nehru Technological University, Kakinada
Kakinada – 533 003, Andhra Pradesh

recognizes

Department of Electronics and Communication Engineering
Pragati Engineering College (A)
Surampalem

as a research centre

for the academic years
2018-19 & 2019-20

Kakinada
16th October, 2018

Registrar
REGISTRAR
J.N.T. University Kakinada
KAKINADA-533 003

CONFERENCES

1	Dr.V.Sailaja	Design and implementation of Low power 5 stage pipelined 32 bit MIPS processor using 28 nm technology.	29th-30thNOV 2018	ICETESTM

2	Mrs.P.Sunitha	"Design and implementation of low power 5 stage Pipelined 32 bits MIPS Processor using 28nm Tech2nology	29th -30th November 2018	ICETES
3	Mrs.P.Sunitha	Spectral subtractive type algorithms for speech enhancement and their performance analysis",	JULY 26 -27 2018	ICRIEECE
4	Mrs.B.Vasanthalakshmi	Design and implementation of Low power 5 stage pipelined 32 bit MIPS processor using 28 nm technology.	29^{th}-30^{th}NOV 2018	ICETESTM
5.	Mr.V.Prasanth	Power optimization techniques targeting FPGA	Dec 2018	IJMECE
6.	Mrs.P.Sunitha	"Spectral Subtractive Type Algorithms For Speech Enhancement And Objective Performance Evaluation"	27th & 28th July 2018	"International Conference On Recent Innovations In Electrical, Electronics & Communication Engineering"

Development activities

Product development

- Students appeared to Various Product Development Skill Activities during the academic year sem-2 (2018-19).

S. No	Title of product	Guidance given by the faculty Guided	Outcome of the project
1	Monitoring the level of pollution through pesticides in fruits and vegetables	Mr. K.Raghuram Mr.P.Krishna Chaitanya	To improve health levels of mankind by pesticides levels in fruits and vegetables
2	Low Cost Soil Sensing and Effective Mapping	Mr.V.Prasanth Mr.P.Krishna Chaitanya	Farmer will be able to know remotely soiled minerals

PLACEMENTS

S.no	Roll.No	Name of the Student	Selected for Company
1	15A31A0402	BANDARU LAKSHMI KAVYA	TATA CONSULTANCY SERVICES
2	15A31A0408	DEEPTHI AHUJA	
3	15A31A0417	MUNGALLA SOWJANYA	
4	15A31A0422	PEARL GNANA SAMHITHA PALLA	
5	15A31A0433	TIRUMALASETTI SAI MADHURI	
6	15A31A0435	VEMISETTI DURGA SRAVANI	
7	15A31A0444	GANJI GIRI CHARAN KALYAN	
8	15A31A0470	GOLI VIJAYA LAKSHMI	
9	15A31A0499	DESALANKA SURYA BHASKARAM	
10	15A31A04A7	MARISETTI VENKATESWARA SAI KIRAN	
11	15A31A04B7	POTHAMSETTI SANDEEP REDDY	
12	15A31A04C7	KELLA NAGA PRIYANKA	
13	15A31A04E1	PICHIKA SRAVANTHI	
14	15A31A04E6	SATYA SAI MANJUSHA TUMU	
15	15A31A04F2	ADDANKI JAGAN MOHAN SAI ANVESH	
16	15A31A04G9	MASINA RAVI DURGA NAGA SAI	
17	15A31A04H2	MUTYALA UMA MAHESH	
18	15A31A04H3	MYLAVARAPU DILEEP KUMAR	
19	15A31A04H4	PABBINEEDI DURGA PRASAD	
20	15A31A04I1	ACHANTA AISHWARYA	

21	15A31A04I4	ASHWINI TALATAM	
22	15A31A04I9	CHERUKURI SAI TUSHARA	
23	15A31A04J8	KANTIPUDI SRICHANDANA	
24	15A31A04K1	LAXMI KALYANI GUNNAM	
25	15A31A04K4	MUTYALA HEMA MOUNIKA	
26	15A31A04K5	PADALA BHARGAVI	
27	15A31A04L1	YAMINI KRISHNA PRIYA KATTUNGA	
28	15A31A04M0	KAJULURI RAJA	
29	15A31A04M5	VADDADI VENKATA SAI SRIRAM	
30	15A31A04M8	SAI UMA SHANKAR TATAVARTHY	
31	15A31A04N0	SRIRAMULA VENKATAKRISHNA	
32	15A31B0409	MASINA VARA LAKSHMI	
33	15A31B0413	SAHITHI GANNAVARAPU	
34	15A31B0448	POOLLA SAI PRANEETH	
35	15A31A0428	RAVURI KRISHNA CHAITANYA	**GGK TECHNOLOGIES**
36	15A31A0486	TELAGAREDDI ATCHIVENI	
37	15A31A04F2	ADDANKI JAGAN MOHAN SAI ANVESH	**SOCTRONICS**
38	15A31A04A5	KOMARAGIRI V V N NAGA SAI RAM	**HEXAWARE TECHNOLOGIES**
39	15A31A04A5	KATAMREDDI VIJAYA KALYAN	**TVARANA SOFTWARE SOLUTIONS**
40	15A31A0401	ADABALA SNEHA ALEKHYA	**CAPGEMINI**
41	15A31A0403	BATCHU VIJAYA RAMYA	
42	15A31A0404	BONAM PARVATHI SATYA GOWRI	
43	15A31A0405	BUDHARAJU ASHRITHA	

44	15A31A0410	GURUGUBELLI SAI LAVANYA	
45	15A31A0411	KANITHI SAI NIRUPAMA	
46	15A31A0412	KOPPIREDDY SRI RAMYA PRADEEPTHI	
47	15A31A0416	REENA SREE MUDDADA	
48	15A31A0421	PALIVELA SRI CHANDANA	
49	15A31A0423	PEETHA.SRAVANI	
50	15A31A0424	PENTAPATI SRI KEERTHI	
51	15A31A0428	RAVURI KRISHNA CHAITANYA	
52	15A31A0429	SATTI UMA ANANTHA LAKSHMI	
53	15A31A0430	SHAIK SIMRAN	
54	15A31A0435	VEMISETTI DURGA SRAVANI	
55	15A31A0452	NAMUDURI SATYA VISHNU SAI	
56	15A31A0456	SURTHANI TEJO NIKHIL	
57	15A31A0461	S. ANUSANDHYA	
58	15A31A0462	BATHULA SUCHITRA DEVI	
59	15A31A0471	KADALI SREE JAYA VEENA	
60	15A31A0474	KONAGALLA KASTURI	
61	15A31A0475	MARNI MANEESHA	
62	15A31A0480	LAKSHMI SAMHITHA PADALA	
63	15A31A0481	PENDYALA SOWMYA	
64	15A31A0483	SEELAMSETTI SRI SATYA VEERA SIVA NAGA MALLESWARI	
65	15A31A0484	SRI MEGHANA MATLAKUNTA	
66	15A31A0489	VANGA LAKSHMI BHAVYA	

67	15A31A0490	MOUNIKA YANDAKUDITI	
68	15A31A0492	YERRA SRILEKHA	
69	15A31A0494	AVV SRI RANGA VISWESH	
70	15A31A04A0	G.CHANDRA KANTH	
71	15A31A04A5	KOMARAGIRI V V N NAGA SAI RAM	
72	15A31A04A8	M.T.M.VIGNESH	
73	15A31A04B9	SUNKARA TEJESWAR	
74	15A31A04C1	VINEELA.AVIDI	
75	15A31A04C2	D.LIKHITHA RAJESWARI	
76	15A31A04C3	DURGA SRAVANTHI MANDIGA	
77	15A31A04C5	SUDHA PADMA SREE	
78	15A31A04D0	MAMIDALA SARANYA	
79	15A31A04D2	MOUNIKA MARELLA	
80	15A31A04D4	NAGA VAISHNAVI PUPPALA	
81	15A31A04D7	PADALA SOWMYA	
82	15A31A04E5	RUCHITA KEERTHI LINGAMPALLI	
83	15A31A04E6	T S S MANJUSHA	
84	15A31A04E9	TADINADA SRI LAKSHMI SUSMITHA	
85	15A31A04F0	VADLAMURI MAHESWARI	
86	15A31A04F1	VENKATA ANJALI SAI KUMARI KADA	
87	15A31A04G1	GINJALA SATISH	
88	15A31A04G5	KOTA SAIBABU	
89	15A31A04H5	PALIKA SAIKUMAR	

90	15A31A04H7	REDDY SREERAM	
91	15A31A04H8	SAI SANKAR NARAYANA CHIRRAVURI	
92	15A31A04I1	AISHWARYA	
93	15A31A04I7	LALITHA CHANDAKANNA	
94	15A31A04I9	CHERUKURI SAI TUSHARA	
95	15A31A04J3	GANDABOYINA TANUSRI	
96	15A31A04K4	MUTYALA HEMA MOUNIKA	
97	15A31A04K5	BHARGAVI PADALA	
98	15A31A04K9	TALLURI EESHA SRI	
99	15A31A04L3	ARJI BHASKAR SAI SRIRAM	
100	15A31A04L7	BAYISETTI RISHIDHAR S S N SANTOSH SARAN	
101	15A31A04M3	KATAMREDDI VIJAYA KALYAN	
102	15A31A04M6	TIRUMALLA VENKATA ASHOK	
103	15A31A04M9	SHAIK ABDUL KHADAR MOHAMMAD RABBANI	
104	15A31B0403	BANDARU SRI HARIKA DEVI	
105	15A31B0404	HARSHANANDINI GADDAY	
106	15A31B0407	AISHWARYA KEERTY	
107	15A31B0410	LALITHA DEVI MUMMIDI	
108	15A31B0412	PENUMATSA HEMA SRI	
109	15A31B0414	SATHI SRI BHARATHI	
110	15A31B0416	RASAGNA YADAGANI	
111	15A31B0418	ADABALA SAI KAMAL	
112	15A31B0421	BIKKAVILLI VAMSI	

113	15A31B0428	KAKARAPALLI DEVA SAI SURESH	
114	15A31B0450	VAMSI PURRE	
115	15A31B0453	UDAY KIRAN SAYYAPUREDDI	
116	16A35A0405	AJJARAPU BALA SATYA RAMAKRISHNA MANIKANTA	
117	16A35A0408	PRASADULA KRISHNA PUSHPA HARSHINI	
118	16A35A0412	CHODISETTI MANIKANTA	
119	16A35A0423	SUPRIYA VISWANADHAM	
120	15A31A0475	MARNI MANEESHA	**IBS**
121	15A31A0433	TIRUMALASETTI SAI MADHURI	**WIPRO Pvt Ltd**
122	15A31A0469	GEDDAM MANASA	
123	15A31A0492	YERRA SRILEKHA	
124	15A31A04A5	K V V N NAGA SAI RAM	
125	15A31B0403	B SRI HARIKA DEVI	
126	15A31A04A6	KONDAPALLI SAI SIVA PRABHU TEJA	
127	15A31A04D4	NAGA VAISHNAVI PUPPALA	
128	15A31A04E3	PUPPALA JAHNAVI	
129	15A31A04E9	TADINADA SRI LAKSHMI SUSMITHA	
130	15A31A04J4	GANDHAM SRAVANI	
131	15A31A04L1	YAMINI KRISHNA PRIYA KATTUNGA	
132	15A31B0411	PARLA VINEESHA	
133	15A31A04F9	GANTASALA AMBICA SAI VASA	
134	15A31A04F2	ADDANKI JAGAN MOHAN SAI ANVESH	
135	15A31A04B7	P SANDEEP REDDY	

136	15A31A0469	GEDDAM MANASA	**CODE MANTRA**
137	15A31A0467	DHARANIKOTA NAGA SATYA SAI LALITHA	**MULTIPLIER SOLUTIONS**
138	15A31A0408	DEEPTHI AHUJA	**INFOSYS**
139	15A31A04A5	KOMARAGIRI V V N NAGA SAI RAM	
140	15A31A04B9	SUNKARA TEJESWAR	
141	15A31A04G6	MALLIDI AKHIL KUMAR REDDY	
142	15A31A04L7	BAYISETTI RISHIDHAR S S N SANTOSH SARAN	
143	15A31A04M3	KATAMREDDI VIJAYA KALYAN	
144	15A31A0489	VANGA LAKSHMI BHAVYA	**MINDTREE**
145	15A31A04N1	SRUNGARAKAVI C M SHANMUKHAKOWNDINYA	
146	15A31A04D9	PAMPANA PADMAKALA	**TRIPOD**
147	15A31A04E8	SHAIK SHARIKA ANJUMA	
148	16A35A0402	PRATHIPATI SREE ALEKHYA	
149	16A35A0415	BHARATULA SURYA MANIKANTA	

ACADEMIC RESULTS

S.NO	CLASS	OVERALL PASS PERCENTAGE
1	IV-I (2015-19) Batch	62.3%
2	III-I (2016-20) Batch	65.4%
3	II-I (2017-21) Batch	59.8%

PROFESSIONAL SOCIETY ACTIVITIES

S.NO	NAME OF THE EVENT	DATE	TOPIC	RESOURCE PERSON	NO. OF STUDENTS PARTICIPATED
1.	WORKSHOP	19/11/2018 TO 24/11/2018	INTERNET OF THINGS	CH.SHARMA, TRAINER CUM DEVELOPER, APSSDC	205
2.	WORKSHOP	15/11/18 TO 17/11/18.	MACHINE LEARNING	P. KALYAN, PANTEC SOLUTIONS, HYDERABAD	154
3.	SEMINAR	15/10/2018	SPACE TECHNOLOGY	DR. M. Y. S. PRASAD ASSOC. DIRECTOR, ISRO SRIHARIKOTA	176
4.	WORKSHOP	11/07/2018 TO 13/07/2018	BASIC ELECTRONICS TO PROJECT PRESENTATION WITH PCB DESIGN	YOUNG MIND TECHNOLOGY SOLUTIONS PVT LTD.	210
5.	GUEST LECTURE	26/06/18	ADVANCES IN SIGNALS AND SYSTEMS	DR.B.LEELA KUMARI, PROFESSOR, JNTUK	190

STUDENT ACHIEVEMENTS

PARTICIPATION IN INTER-INSTITUTE EVENTS BY STUDENTS

INTER-INSTITUTE EVENTS BY STUDENTS (OUT OF THE STATE)

LIST OF STUDENTS WON PRIZES (OUT OF THE STATE)

S.NO.	NAME OF THE STUDENT	NAME OF THE EVENT	NAME OF THE TOPIC	VENUE & DATE	PRIZE
1.	ADHARAPURAPU ADITYA KASHYAP	PAPER PRESENTATION	COUPLING A.I. WITH HUMAN BRAIN	SIST CHENNAI 29/10/2018	3RD PRIZE
2.	GOLLAPALLI SAITEJA	POSTER PRESENTATION PRESENTATION	ALCOHOL SENSOR WITH GPS	SIST CHENNAI 29/10/2018	3RD PRIZE
3.	MADDIPOTI DEEPAK CHOWDARY				

4.	K.AJAYSURYA	PROJECT PRESENTATION PRESENTATION	HYBRID DRIVER SAFETY	OSMANIA UNIVERSITY,HYDERABAD 28/09/2018	2ND PRIZE
5.	P.ARAVIND KUMAR				
6.	M. N. S. D. KRISHNA PRANAV				
7.	S.S.L.PRASANNA	TOAST MASTER INTERNATIONAL MASTER ORATOR CHAMPIONSHIP SEASON-3	INTERNAL ENEMY	VASAVI COLLEGE OF ENGINEERING,HYDERABAD 19/08/2018	SEMI FINALIST
8.	KRISHNA CHAITANYA RAVURI	INDIAN REPRESENTATIVE	MICROSOFT ASIA STUDENT SUMMIT	TAIPEI, TAIWAN 26/06/2018 TO 30/06/2018	SELECTION
9.	N.YAMIMA RAJLIN	PAPER PRESENTATION	ADVANCED NETWORK COMMUNICATION	MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY HYDERABAD 28/03/2018	3RD PRIZE
10.	NIRCHITHA CHOUDARY				

INTER-INSTITUTE EVENTS BY STUDENTS (WITHIN THE STATE)

PRIZE WINNERS WITHIN THE STATE

S.NO	NAME OF THE STUDENT	NAME OF THE EVENT	NAME OF THE TOPIC	VENUE & DATE	PRIZE
1	D.SAI ABHISHEK	PROJECT PRESENTATION	SMART IRRIGATION SYSTEM	ADITYA ENGINEERING COLLEGE,SURAMPALEM 15/09/2018	1ST PRIZE
2	A.K.G.S.SAI RAM				
3	B.SATISH				
4	MOHAMMAD ALI AKHBAR		AUTOMATIC ROOM LIGHT & FAN CONTROLLER USING ARDUINO	JNTU KAKINADA 21/12/2018	3RD PRIZE
5	P.NAGALAKSHMI PRIYA				
6	K.RACHANMAYEE				

7	K.S.S.SOWMYA		RADAR SYSTEMS USING ARDUINO		1ST PRIZE
8	P.S.L.MANASA				
9	N.TEJASWI				
10	A.ASRITHA	PAPER PRESENTATION	BIONIC EYE	ADITYA ENGINEERING COLLEGE,SURAMPALEM 15/09/2018	2ND PRIZE
11	M.C.DHARANI				
12	PVSS SUREKHA		RFID TECHNOLOGY	GIET ENGINEERING COLLEGE,RAJAMAHENDRAVARAM 29/09/2018	3RD PRIZE
13	DNVSS SAHITHI				
16	M. MANEESHA				
17	A.V.SIRI LAKSHMI	POSTER PRESENTATION	LIFI TECHNOLOGY	ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM 5/10/2018	2ND PRIZE
18	T.SAI HARSHA				
19	G.KALYAN	QUIZ COMPETITION	ADVANCEDELECTORNICS AND COMMUNICATIONS	ADITYA ENGINEERING COLLEGE,SURAMPALEM 15/09/2018	3RD PRIZE
20	G.S.B.N .S.R. SASHANK				
21	OYV ADITYA SRINIVAS				
23	V.ABHILASH				
24	N.SUBASH				
25	V.SHIVA SHANKARA VARA PRASAD				
26	V.SHANMUKESH				
27	I.POOJA				
28	K.SATISH				

29	K.B.SABITHA RANI				
	D.SHANTHI				
30	Y.D.BAVYA SREE				
31	S.MUKESH KRISHNA REDDY	INNOVATIVE IDEA	ELECTRONICS & COMMUNICATIONS	ADITYA ENGINEERING COLLEGE,SURAMPALEM 15/09/2018	1ST PRIZE

INTERNSHIPS & INDUSTRIAL TRAINING

Industry Internship / Summer Training by students

S.No.	Organization where Internship / Summer Training attended	Title of the Project / Internship Activity	Duration	No. of Students
6	South Central Railways	Signal And Telecommunications	11-12-18 to 18-12-18	20
8	Nagarjuna fertilizers	Programmable logic control and distributed control systems	01-06-18	15
9	Album Semiconductors	VLSI Technologies	01-08-18 to 11-09-18	20
10	Ashoka Institute	Internet of Things	01-06-18	4

INDUSTRIAL TOURS

S.No	Name of the Industry/ Substation	No. of students participated	Duration	Year of student
1.	SHAR, Sriharikota	120	08-08-2018	III
2	Barat Sanchar Nigam Limited, Rajahmundry	120	15-10-2018	II

NPTEL CERTIFICATIONS

S.NO	NO. OF STUDENTS	NO. OF FACULTY	TOTAL CERTIFICATIONS
1	318	18	336

EVENTS

E-JIVE 2K19:

A Eleventh National Level Technical Symposium "STRIDES – E-JIVE 2K19" was inaugurated by the Department of Electronics and Communication Engineering on 08-12-2018 at PRAGATI ENGINEERING COLLEGE.

The programme was inaugurated by the **Chief guest Dr.A M Prasad** . Dr. A M Prasad lighted the inaugural jyothi and also spoke a few words on the occasion. Mr.Vishnu murthy convener of STRIDES2K18 ECE gave a warm welcome to the chief guest Dr. A M Prasad, Dr. P.Krishna Rao, Chairman of Pragati Engineering College, Principle , Vice President , Directors, Head of The Department, Staff , Participants and students to grace the inauguration. As a part of first day of Strides 2k18 Activities, EJIVE2K18 was organized by the Department of Electronic and Communication Engineering.

FRESHER'S DAY CELEBRATIONS

Our II ECE students organized Fresher's day on 20th July 2018, at 12pm in our college to giving warm welcome to their juniors. The directors, principal, head of the department and other faculty members were given a very wholehearted welcome. Our HOD **Dr.K.Siva Kumara Swamy** gave his valuable advice to the Fresher's and as well as 2nd years followed by our head of the department incharge **Mr.K.Raghuram** and principal **Dr.S.S.Shambu Prasad** sir to an orphanage home. The 2nd year students conducting game to the juniors like QUIZ CONTEST and LANGUAGE GAME, after that the cultural started which included some mesmerizing and excellent performances by seniors and juniors. After the cultural, the prize distribution took the centre stage, when our respected Staff members of our department distributed the prizes to the junior students for the games conducted. To make this event more memorable, seniors gave the juniors a photo frame, in which a ***group photo*** of their respective classes was given to them. Thus a wonderful fresher's day celebrations filled with heart-warming and heart touching moments came to end on a wonderful note.

ENGINEER'S DAY CELEBRATIONS

Department of ECE has celebrated Engineer's Day on 15.09.2018 on account of **Sir MokshagundamVisweswarayya** Birthday celebrations and on this occasion **Elocution, Essay Writing, Paper Presentation (PPT) and Project Presentation** are conducted for all II and III B.Tech ECE students. **Dr.K.Siva Kumara Swamy** HOD of ECE Department welcomed the gathering and Chief.

Guest of the function, Dr.G.Raghu Ram sir, Director of the college addressed the staff and students. The winners of the above competitions are awarded with mementos by Dr.G.Raghu Ram sir, Director of the college and Dr.K.Siva Kumara Swamy, HOD of ECE and Staff members.

TEACHER'S DAY CELEBRATIONS

All the students of ECE celebrated **September 5th** 2018 Teacher's day in a very good manner. The celebration started with a sanctified prayer song. Then all the dignitaries are invited to the dais. The chief guests arrived are **Director Dr. G. Raghuram** sir**, principal Dr. S.Shambhu Prasad** sir and Head of Department **Dr.K.Siva Kumara Swamy**, were invited on to the dais and then, accompanied them. The next event is, Dr.G.Raghuram sir spoke a few words saying "Choose your profession on your own interest." and suggested to students to give first priority for core jobs .All the students and teachers are on cloud nine by those words. The final year students presented mementos for all teachers. Then there is a delicious cake cut by Dr.G.Raghuram sir and the atmosphere was filled with joy. Then all the associate professors are invited on the dais to adorn it. They are all presented with small tokens of gratitude. They all showered their blessings on final year students and all other students as well.

Editorial Board Committee

Chief Editor

.Mr. CH. Lakshmi Narayana, Asst. Prof.

Members

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