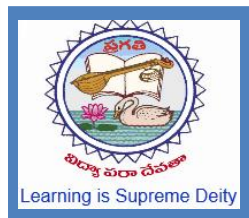


PRAGATI ENGINEERING COLLEGE

(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



EC-TIMES

VOLUME#10 ISSUE#2



ACADEMIC YEAR: 2017-18

January to June

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(Jan-June). 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

It gives very content that as a forerunner the department of Electronics & Communication Engineering is releasing its Seventh 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 2017-18. 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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ACADEMIC RESULTS

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 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	Ms 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	Ms 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	Mr K SAI BALARAM	M.E/M.Tech	Assistant Professor
44	Mrs K SOWJANYA	M.E/M.Tech	Assistant Professor
45	Mr K T K MOHAN	M.E/M.Tech	Assistant Professor
46	Ms D SRAVYA	M.E/M.Tech	Assistant Professor
47	Mrs R PADMA	M.E/M.Tech	Assistant Professor
48	Mr K V RAJESH KUMAR	M.E/M.Tech	Assistant Professor
49	Mr T SEKHAR	M.E/M.Tech	Assistant Professor
50	Mrs P SANDHYA RANI	M.E/M.Tech	Assistant Professor
51	Mr SONGA SANDEEP	M.E/M.Tech	Assistant Professor
52	Mr G RATNA RAJU	M.E/M.Tech	Assistant Professor
53	Mr PENKE SRI SURESH	M.E/M.Tech	Assistant Professor
54	Ms SHEIK ASHA	M.E/M.Tech	Assistant Professor
55	Ms RUBIA TASNEEM	M.E/M.Tech	Assistant Professor
56	Mr PILLI DAYANAND	M.E/M.Tech	Assistant Professor
57	Mr V S S REDDY OGIREDDY	M.E/M.Tech	Assistant Professor
58	Mr KOLUKULURI ASHOK VARMA	M.E/M.Tech	Assistant Professor
59	Mr BHUPATHI KEERTICHAND	M.E/M.Tech	Assistant Professor
60	Mr SRI SURYA APPAJI THOTA	M.E/M.Tech	Assistant Professor
61	Mrs CH N S T DEVI	M.E/M.Tech	Assistant Professor
62	Mr MALAPATI VIJAYA BHASKAR	M.E/M.Tech	Assistant Professor

FACULTY FDPs/WORKSHOPS

S.No	Name of the Faculty	Name of the Event	Venue & Date
1	Mr.K.Ajay Kiriti	One week faculty development program on VLSI Design Verification & Test	NIT Warangal, On 26th - 30th May, 2018
2	Ms.D.V.V.Lakshmi	One week faculty development program on VLSI Design Verification & Test	NIT Warangal, On 26th - 30th May, 2018
3	Mr.K.Arun Veer Kumar	One week faculty development program on VLSI Design Verification & Test	NIT Warangal, On 26th - 30th May, 2018
4	Ms.M.Priyanka	One week faculty development program on VLSI Design Verification & Test	NIT Warangal, On 26th - 30th May, 2018
5	Mrs.P.Prasanna Kumari	One week faculty development program on Pattern Recognition, Machine Learning and Computer Vision Applications using MATLAB with Hands-on Training	Vignan University, On 7th - 11th May, 2018

6	Mr.P.SitaRamanjaneyulu	One week faculty development program on New Algorithms for Signal Processing Hands On	NIT Warangal, On 20th - 27th Apr, 2018
7	Ms.Y.Anantha Satya	One week faculty development program on Improving Teaching Skills in Electronic Devices and Circuits	JNTUK, Kakinada, On 27th - 31st March, 2018
8	Ms.K.Chaitanya Sri	One week faculty development program on Improving Teaching Skills in Electronic Devices and Circuits	JNTUK, Kakinada, On 27th - 31st March, 2018
9	Ms.U.Sandhya Alekhya	One week faculty development program on Improving Teaching Skills in Electronic Devices and Circuits	JNTUK, Kakinada, On 27th - 31st March, 2018
10	Mr.M.Srinivas	One week faculty development program on Internet of Things (IoT) Applications	JNTUK, Kakinada, On 22nd - 27th Jan, 2018
11	Mrs.P.Prasanna Kumari	One week faculty development program on Internet of Things (IoT) Applications	JNTUK, Kakinada, On 22nd - 27th Jan, 2018
22	Ms.Rubia Tasneem	One week faculty development program on Internet of Things (IoT) Applications	JNTUK, Kakinada, On 22nd - 27th Jan, 2018
23	Mrs.B.Vasantha Lakshmi	One week faculty development program on Internet of Things (IoT) Applications	JNTUK, Kakinada, On 22nd - 27th Jan, 2018
24	Mrs.B.Vasantha Lakshmi	One week faculty development program on VLSI Design Verification & Test	NIT Warangal, On 26th - 30th May, 2018
25	Mr.D.Nataraj	One week faculty development program on Pattern Recognition, Machine Learning and Computer Vision Applications using MATLAB with Hands-on Training	Vignan University, On 7th - 11th May, 2018
29	CH.Satish	One week faculty development program on Internet of Things (IoT) Applications	JNTUK, Kakinada, On 22nd - 27th Jan, 2018

PLACEMENTS

S.NO	ROLL N.O	NAME OF THE STUDENT	COMPANY
1	14A31A0445	K SANKAR	JUST DIAL
2	14A31A0458	T S S VENKATA SRIKANTH	
3	14A31A04A3	A.ROHITH	
4	14A31A04F6	B SAI ANUDEEP	

5	14A31A04G4	M ABDUL RAZZAKH	
6	14A31A04N7	V TARUN	
7	15A35A0411	Y JAI NAGA SAI KIRAN	
8	15A35A0416	ALAMANDA SIVA SAI SRIRAM	BSENS GROUP
9	15A35A0438	P A G VENKATA SAI GANESH	
10	14A31A0410	J SARVYA	NALSOFT
11	14A31A0408	INAPAKOLLA VEERA PRAVALLIKA	INFOSYS
12	14A31A0418	MOTIPALLI BALA SWATHI SRI	
13	14A31A0466	BODDUPALLI SAHITHI	
14	14A31A04C9	GUNNAM SRI ANUSHA	
15	14A31A04J1	GODITHI THANAYI	
16	15A35A0401	A SUBASRI	
17	14A31A0481	PREMA NAGA MADHULATHA	
18	14A31A04M2	MADHAVA MOHAN	
19	14A31A04I4	VEERA RAJA SURYA SEETHA SOWJANYA	
20	14A31A04J3	SAI PRATYUSHA	
21	14A31A04K6	ROSHNI	
22	14A31A04J9	KAVYA SRI LAKSHMI	
23	14A31A0473	JEDIDAH BLESSINA	
24	14A31A04C3	MAMATHA	
25	14A31A0497	VENKATA PADMAJA	
26	14A31A0461	HARITHA POORNIMA	
27	14A31A04I6	DANNINA RESHMA	
28	14A31A0402	CHENNA SRI LAKSHMI SATYA AMRUTHA	GGK TECHNOLOGIES
29	14A31A0487	NAGA SHRAVANI PULAVARTHI	
30	14A31A04K4	PASUPULETI SOWMYA	

31	14A31A04K6	ROSHNI KOTHARI	INVENIO BUSINESS SOLUTIONS
32	14A31A04H4	SAKA KAPIL	MIDCO LTD
33	15A35A0426	GUBBALA KUMAR SWAMY	
34	14A31A0428	PUTTA SATYA SRAVANI	HCL
35	14A31A0478	KOKA VENKATA SOWJANYA	AMAZON
36	14A31A04D0	IMANDI OOHA	
37	14A31A04F0	SINDHUJA SWARANGI	

PROFESSIONAL SOCIETY ACTIVITIES

S.NO	NAME OF THE EVENT	DATE	TOPIC	RESOURCE PERSON	NO. OF STUDENTS PARTICIPATED
1.	GUEST LECTURE	13/03/2018	BASICS OF EMBEDDED SYSTEMS DESIGN	SRI KIRAN KUMAR AKELLA LEAD DESIGN ENGINEER, INTEL, BANGALORE	157
2.	WORKSHOP	11/02/2018 TO 13/02/2018	ANALOG AND DIGITAL VLSI DESIGN USING EDA TOOLS	DR.N.S..MURTHY PROFESSOR OF ECE DEPARTMENT, NIT WARANGAL	132



STUDENT ACHIEVEMENTS

PARTICIPATION IN INTER-INSTITUTE EVENTS BY STUDENTS

<i>ACADEMIC YEAR</i>	<i>NO OF STUDENTS PARTICIPATED (WITH IN THE STATE)</i>	<i>NO OF STUDENTS PARTICIPATED (OUT OF THE STATE)</i>	<i>TOTAL NO OF STUDENTS PARTICIPATED</i>	<i>TOTAL AWARDS/PRIZES WON</i>
2017-2018	136	42	178	50

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	K.V.V.N.NAGA SAIRAM	SMART INDIA HACKATHON-2018	FASTER RETRIEVAL OF SPATIAL TEMPORAL DATA BY INDEXING USING GPU	AHMEDABAD(GUJARAT) 30 & 31 /03/2018	PARTICIPATED IN GRAND FINALE
2	P.SANDEEP REDDY				
3	M.T.M.VIGNESH				
4	M.CHINNA SAMUDRUDU				
5	G.SAI SRIKAVYA				
6	Y.SRIMOUNIKA				
9	PEYYALA SIVA KUMAR				

INTER-INSTITUTE EVENTS BY STUDENTS (WITHIN THE STATE)

PRIZE WINNERS WITHIN THE STATE

S.N O	NAME OF THE STUDENT	NAME OF THE EVENT	NAME OF THE TOPIC	VENUE & DATE	PRIZE
1	CHODISETTI SAIGAYATRI	ACADEMIC TOPPERS		STATE GOVT OF ANDHRA PRADESH	PRATHIB HA AWARD
2	BODAPATHI GOWTHAMI				
3	MALOTHU TEJASWANI				
4	MITTINTI SHIVA POOJITHA	POSTER PRESENTATI ON	STRENGTH TECHNOLOGY	JNTUK 24-25 TH FEB-18	2 ND PRIZE
5	BANTUPALLI BHUVANESW ARI				
6	VELIGATLA SATYA SREE				
7	KELLA LOKESH CHANDRA	POSTER PRESENTATI ON	VIRTUAL ABILITY TO COUNTER DISABILITY	GAYATRI VIDYA PARISHAD, VISAKHAPA TNAM 8-9 TH MARCH 2018	1 ST PRIZE
8	VENKATA RATNAM				
9	DANTULURI NAGA SAI LIKHITHA				
10	V.ANUSHA	PAPER PRESENTATI ON	SIXTH SENSE TECHNOLOGY	JNTUK 24-25 TH FEB-18	3 RD PRIZE
11	M.SATYA SWETHA				
12	VAKKALANK A ABHILASH				
13	D.SHANTHI	PAPER	HAPTIC	GAYATRI VIDYA	2 ND PRIZE

14	M.LEELA SRAVANTHI	PRESENTATI ON	TECHNOLOGY	PARISHAD,VISAKHAPA TNAM	
15	ADHARAPUR APU ADITYA KASHYAP			8-9 TH MARCH 2018	
16	S.S.L.PRASAN NA	DRAWING	INDUSTRIAL SAFETY MEASURES	RAK CERAMICS 23/03/2018	1 ST PRIZE
17	VELIGATLA SATYA SREE				
18	VELUGUBAN TLA SIVA SANKAR VARA PRASAD	PROJECT PRESENTATI ON	VEHICLE THEFT	SRKR, BHIMAVARAM, 23,24 FEB 2018	2 ND PRIZE
19	ILLA POOJA				
20	ADABALA SNEHA ALEKHYA				
21	BANDARU LAKSHMI KAVYA				
22	BATCHU VIJAYA RAMYA	QUIZ COMPETITIO N	ELECTRONICS AND COMMUNICATI ONS	GAYATRI VIDYA PARISHAD,VISAKHAPA TNAM 8-9 TH MARCH 2018	2 ND PRIZE
23	BONAM PARVATHI SATYA GOWRI				
24	BUDHARAJU ASHRITHA				
25	DANTULURI NAGA SAI LIKHITHA				

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
1	BSNL	Telecom Technologies	01-05-2018 to 14-05-2018	30
3	Vizag Steel Plant	Telecommunications	03-05-2018 to 04-06-2018	30
4	Prasar Bharati	10kw FM and 100Kw MW Transmitters	02-05-2018 to 10-06-2018	20
5	Electronics And Corporation India Limited	Hardware Implementation Of Digital Control System For Antenna And Telemetry	25-04-2018 to 24-05-2018	20
6	South Central Railways	Signal And Telecommunications	21-04-2018 to 20-05-2018	15
7	Reliance	Instrumentation And Control System At Onshore Terminal At KGD6 Basin	01-05-2018 to 1-06-2018	20
8	Nagarjuna fertilizers	Programmable logic control and distributed control systems	03-05-2018 to 04-06-2018	15
9	Atom Software Solution	Internet of Things	01-05-2018 to 7-05-2018	4
10	Raayan systems	Internet of Things	01-05-2018 to 7-05-2018	2

OUTSTANDING ACHIEVEMENT

Ms. Krishna Chaitanya Ravuri III year ECE student has been selected to represent India at Microsoft Asia MSP summit at Taipei, Taiwan during 20th to 30th June 2018.



PRATHIBA AWARD WINNERS

S.No.	Roll N.0	Name of the Student	Branch
1	13A31A04I6	CHODISETTI SAI GAYATRI	ECE
2	14A35A0401	BODAPATHI GOWTHAMI	ECE
3	13A31A04D8	MALOTHU TEJASWANI	ECE

NPTEL CERTIFICATIONS

Apr Examination

S.NO	NO. OF STUDENTS	NO. OF FACULTY	TOTAL CERTIFICATIONS
1	26	06	32

GATE/GRE/CAT SCORES

Name of the Student	Roll N.0	Exam	Marks/Rank
M.MANGAPATI RAJU	14A31A04N1	GATE	53.7/1286
DATLA SRAVYA	14A31A0403	GRE	296/340

ACADEMIC RESULTS

S.NO	CLASS	OVER ALL PASS PERCENTAGE
1	IV ECE II SEM (2014-18)	81.3%
2	III ECE II SEM (2015-19)	48.33%
3	II ECE II SEM (2016-2020)	68.66%

Editorial Board Committee***Chief Editor***

Mr. CH. Lakshmi Narayana, Asst. Prof.

Members

Chelluboyina Prudhvi-14A31A04F7

Sathi Narendra Reddy-14A31A04H5