

Tech Zig

it's a **Newsletter**

Department of Electronics & Communication Engineering



Approved by AICTE-NEW Delhi
Accredited by NAAC with 'A' Grade & NBA
Permanently affiliated to JNTUK Kakinada
and SBTET - Hyderabad

Vol-6

Issue-1

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HOD Message:	

Mr.N.V.G.Prasad
Head of the Department



First of all I would like to congratulate the students who were placed in various companies till now and merit students of the department. I hope that this semester also we will continue with the same spirit. I suggest all the students to prepare well for GATE-2017 exam which is creating various opportunities. I thank to all the faculty members for continuous support.

Department Vision:

To help in making the institute in providing competitive engineering education to the learner and bring out quality professionals in the field of Electronics and Communication Engineering, who can meet the industrial needs by taking up existing, new engineering and social challenges.

Department Mission:

To provide quality and effective training in the domain of Electronics and Communication Engineering through curriculum, state of art laboratories, industrial collaborative programs, effective learning, and teaching process and Co-curricular & extracurricular activities.

Programme Educational Objectives:

PEO1. Develop strong foundation in Electronics and Communication Engineering to achieve the needs of industry with continuous skill improvement.

PEO2. Contribute to society in solving technical problems using electronic and communication principles, tools, practices and Team work.

PEO3. Personally encourage to uphold to professional, ethical, social, environmental responsibilities of their profession.



Department News:

Workshops Attended:

- ✦ Mr.A.Kabirdas, Asst.Professor attended A Six day FDP on "Wireless Communication Technologies" by Electronics & ICT Academy, NIT Warangal at GVP College of Engineering, Visakhapatnam during 29th Aug to 03rd Sep-2016.
- ✦ T Venkateswara Reddy, Asst.Professor attended a five day FDP program on Zigbee WiFi Technologies for IoT organized by department of CSE at PSG College of Technology, Coimbatore from 29th Aug to 2nd Sept 2016.
- ✦ Mr.S.N.V.P.Raviteja and Mr.CH.Babu, Asst.Professors attended A Five day FDP on "21st Century Teaching Methods" at JNTUK, Kakinada during 24th to 28th Oct-2016.
- ✦ Mr.J.Lakshminarayana and Mr.B.V.Srikanth Asst.Professors attended A Six day Workshop on "Recent trends in Signal Processing" at KKR & KSR Institute of Technology & Sciences, Vinjanampadu during 31st Oct to 05th Nov-2016.
- ✦ Mr.Y.Himanth, Mr.PR.Mahidhar and Smt.N.Sannajaji, Assistant Professors attended a FDP on Data Analytics and IOT in SITE from 1st to 6th Nov, 2016 organized by NIT Warangal

and SITE sponsored by Electronics & ICT academy Govt of India.

- ✦ Mr.T Venkateswara Reddy and Mr. P.R. Mahidhar, Assistant Professors attended a two day summit on IoTNext 2016- Global IoT Summit on Realities & Road Ahead organized by IESA, Bangalore from 09th & 10th Nov 2016.
- ✦ Mr.B.V.Pavan Kumar Asst.Professor attended A Five day FDP on “Speech Signal Processing” at Electronics & ICT Academy, NIT Warangal during 21st to 26th Nov-2016.
- ✦ Mr.K.Maruthi Asst.Professor attended A Three day Workshop on “Advanced FPGA Architectures for Research and Industrial applications” at PES University, Bangalore during 24th to 26th Nov-2016.
- ✦ Mr.Sk.Ahmed Ali Assistant Professor attended a five Day Faculty Development Program on Custom IC and ASIC Implementation using Cadence EDA Tools in collaboration with Entuple Technologies Pvt. Ltd, Under TEQIP II, Organized by Department of Electronics & Communication Engineering, Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous) during 28th Nov to 2nd Dec- 2016.

Workshops Organized :

- ✦ Dr. N K Chaitanya, Associate Professor and Mr.P.Sivadurgarao Assistant Professor organized a guest lecture on “Latest Research Trends in DSP with VLSI” by Dr. Aneesh Turlapati, PhD, Post Doc, Associate Professor, Dept. of ECE, V R Siddhartha Engg. College, Vijayawada for IV B.Tech students and faculty members on 27th Sep-2016 at ECE seminar hall. The mentioned lecture targeted research oriented theme and motivated both students and faculty members towards learning depth into DSP.
- ✦ Mr.T Venkateswara Reddy and Mr. S. N. V. P Raviteja, Assistant Professors organized a two day workshop on Internet of Things (IoT) in ECE Department in association with Axelta Systems, Hyderabad on 28th & 29th Sep-2016.
- ✦ Mr. P R Mahidhar Assistant Professor organized a two day workshop on Lab View under IETE Student Forum in ECE Department in association with National Instruments, Bangluru during 9th & 10th Dec 2016.

Faculty Achievements:

Publications:

- ✦ Mr.T.V.Reddy & Mr.S.Kamesh Assistant Professors presented a paper in 4th IEEE International conference on MOOCs, Innovation and Technology in Education (MITE-16) entitled "Holistic Assessment Methodology for Undergraduate Projects".
- ✦ Mr.N.V.G.Prasad ,Asso.Prof ,Mr.V.V.N.Sujit & Mr.K.Sudheer Assistant Professors presented a paper in 4th IEEE International conference on MOOCs, Innovation and Technology in Education (MITE-16) entitled "A Novel method of Learning Outcome Assessment in Outcome Based Education".
- ✦ Mr.Shaik Ahemed Ali, Assistant Professor published a paper on Mems Piezoresistive Cantilever Based Sensors in South Asian Journal of Engineering and Technology Vol.2, No.51 (2016) 1–8.
- ✦ Mr.Sk Ahemed Ali and Mr.K.Sudheer Assistant Professors published an article titled A Survey On Speculative Adders Based On Power Delay and Area Constraints in South Asian Journal of Engineering and Technology Vol.2, No.27(2016) 1–8.

Memberships:

- ✦ Department of ECE achieved organizational membership in IETE.
- ✦ Mr.N.V.G.Prasad,Asso.Prof,Mr.P.Sivadurgarao, Mr.V.V.N.Sujit,Mr.J.Lakshminarayana & Mr.K.Sudheer Assistant Professors in ECE department have been enrolled as Associate Member in IETE.

Lakshya News:

Students Achievements:

- ✦ Mr.CH.Pavan Kumar & team of B.Tech in ECE participated in cricket competition organized by department of ECE at Sasi Institute of Technology & Engineering on 14/09/2016 on the occasion of Engineers Day-2016.They got 1st prize.
- ✦ Ms.Manchili Yashaswini III B.Tech in ECE got Gold Medal in state level “Kick Boxing” championship conducted on 18th Nov, 2016 at Srikakulam and also selected for National Level competition.
- ✦ 21 students of IV B.Tech ECE registered for IEEE student memberships.

Alumni:

- ✦ M.T.Sai Kiran joined in M.S.Programme in VEDA Institute of Information Technology Pvt. Ltd., Hyderabad.
- ✦ T.Pavan Kumar joined in M.Tech in VIT University, Vellore Campus.
- ✦ Ch.Tejaswi joined in Big Blue Bubble India Pvt.Ltd, Hyderabad.
- ✦ S.Devi Pasanna joined in Wipro India Pvt., Ltd.

Students Participation in Various Events:

Industrial Visits:

- ✦ Students of IV B.Tech ECE Visited Cyclone Detection Radar Station (Radar Centre) Machilipatnam on 20th July,2016 along with 75 students and 4 faculty members.



Students gathering for Radar Centre

- ✦ Students of III B.Tech ECE Visited EFFTRONICS Systems Pvt. Ltd., Vijayawada on 10th December 2016 with 37 students and 2 faculty members.



Students gathering for Efftronics

- ✦ Students of III & IV B.Tech ECE students attended a workshop on “Design Thinking Workshop” organized by ISB, Hyderabad on 16th & 17th Aug 2016.



Students at ISB

Results Corner:

II Year-II Sem



Ch.Naga Devi

14K61A0419

90.13%



Ch.N.V.Hari Durga

14K61A0422

85.87%

Pass Percentage of II-II in the Academic Year of 2015-16 is **63.70%**

Percentage wise Result Analysis

Year/Sem	>80%	80-70%	70-60%	60-50%
II/II	9	44	36	4

III Year-II Sem



S.Padmavathi

13K61A0480

87.10%



Garapati Harika

13K61A0425

85.68%

Pass Percentage of III-II in the Academic Year of 2015-16 is **79.28%**

Percentage wise Result Analysis

Year/Sem	>80%	80-70%	70-60%	60-50%
III/II	18	45	24	1

IV Year-II Sem



G. Balasri
12K61A0432
89.17%



A. Veni Rukmini
12K61A0401
86.50%

Pass Percentage of IV-II in the Academic Year of 2015-16 is **81.25%**

Percentage wise Result Analysis

Year/Sem	>80%	80-70%	70-60%	60-50%
IV/II	9	46	52	10

Committee Activities:

Women Welfare Committee of Sasi Institute of Technology and Engineering was conducted an awareness programme on cashless transactions on 26th December, 2016 in ECE department seminar hall for II, III, IV B.Tech ECE girl students.

The guests who attended to the programme are Mr. N. V. G. Prasad, Head of ECE department. This programme is hosted by Mrs. M. Lalitha Bhavani, Women Welfare Committee member. Mr. N. V. G. Prasad had spoken a few words about the cashless transactions, how these transactions are useful for developing the country with some live examples of cashless transactions.



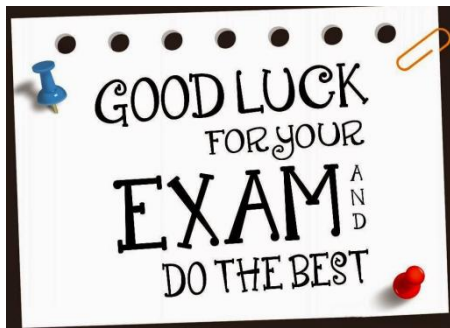
Head of the department addressing the students



Student presenting her views on the topic

Best wishes:

Dear students may the coming year bring along new hopes and new opportunities.... May you learn from your past mistakes and accomplish your targets for future with your strength and dedication.... Wishing you all a very successful and Happy New Year 2017.



GATE-2017

Placements Corner:

Total 31 students are selected for various MNC's during academic year of 2016-17 till 31-12-2016.

NTT DATA



K Ramya Sree



M.Leela Krishna



M.L.Dedeepya



M.S.Koteswari

Tech Mahindra



G.Harika



K.Madhavi



M.Bhavani



S.Richa Sravani



U.Gowthami Devi



V.Lakshmi Sambhavi



Y.Bhanu Priya



Capgemini



B.Srujana



G.S.Krishna Kanth



K.Thanoj



M.N.S.Priyanka



P.Divya



P.S.Kalyani



T.Jaya Sai



K. Amani



P. Srimannarayana



K. V. S. Haritha



P. Jyothi Durga



D. Pushpavathi



K. Renuka



K. Mounika



P. Krishna Priya



S. Indu



S. Nagendra Kumar



A. Janaki Sri Ram



B. Naga Kumara Swamy



A. Arun Kumar

Editorial board Members:

N.V.G.Prasad

Head of the Department, ECE

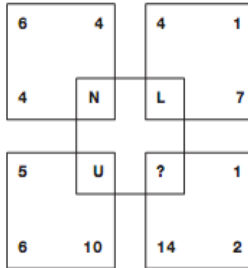
S.Rambabu

Assistant Professor, ECE

FUN ZONE:

Puzzle:

Which letter replaces the question mark?



Contributed by D.Pushpavati, IV ECE-A

Funny Riddles:

- 1) If you had five mango and two bananas in one hand and two mango and four bananas in the other hand. What would you have?
- 2) Who is silent in the parliament?

Sudoku:

7		4	9	5	1			2
				6	7	5		4
1	2	5					9	6
		7				2		
9			4			3		5
			1	3	5			
			3	2	4			
	9				8		6	
4	5					1		3

“BHARAT RATNA” Honor Recipients:

Year	Name of the recipient	Year	Name of the recipient
1954	C. Rajagopalachari	1991	Rajiv Gandhi
	Sarvepalli Radhakrishnan		Vallabhbhai Patel
	C. V. Raman		Morarji Desai
1955	Bhagwan Das	1992	Abul Kalam Azad
	M. Visvesvaraya		J. R. D. Tata
	Jawaharlal Nehru		Satyajit Ray
1957	Govind Ballabh Pant	1997	Gulzarilal Nanda
1958	Dhondo Keshav Karve		Aruna Asaf Ali
1961	Bidhan Chandra Roy		A. P. J. Abdul Kalam
	Purushottam Das Tandon	M. S. Subbulakshmi	
1962	Rajendra Prasad	1998	Chidambaram Subramaniam
1963	Zakir Husain	1999	Jayaprakash Narayan
	Pandurang Vaman Kane		Amartya Sen
1966	Lal Bahadur Shastri		Gopinath Bordoloi
1971	Indira Gandhi		Ravi Shankar
1975	V. V. Giri	2001	Lata Mangeshkar
1976	K. Kamaraj		Bismillah Khan
1980	Mother Teresa	2009	Bhimsen Joshi
1983	Vinoba Bhave	2014	C. N. R. Rao
1987	Khan Abdul Ghaffar Khan		Sachin Tendulkar
1988	M. G. Ramachandran	2015	Madan Mohan Malaviya
1990	B. R. Ambedkar		Atal Bihari Vajpayee
	Nelson Mandela		

Student Coordinators:



D.Pushpavathi
IV ECE-A



G.Pavani
IV ECE-B

Faculty Coordinators:

S.N.V.P. Ravi Teja, M.Tech

Assistant Professor

SK. Ahemed Ali, M.Tech

Assistant Professor

To

BOOK-POST

If undelivered, please return to

Department of Electronics & Communication Engineering
Sasi Institute of Technology & Engineering, Tadepalligudem
