

QIS INSTITUTE OF TECHNOLOGY AND SCIENCE

(Affiliated to JNTU Kakinada, Approved by AICTE, New Delhi) (ISO 9001:2015 Certified Institution) Vengamukkapalem, ONGOLE - 523 272. Ph: 9030650172, Cell: 9246419528,

ECE DEPARTMENT NEWS LETTER

Academic Year 2015 -2016



President Message



I am very glad to know that the Department of ECE is bringing out a newsletter to throw light on the activities and achievement of their department. Such activities among the students will enhance their communication skills, technical skills, innovative thinking, analytical thinking and knowledge as well. I congratulate the department of ECE for taking up this task and I wish all the students of ECE can have a great future which is ahead.

"Be attentive at your work to achieve your goal".

Secretary & Correspondent Message

Dear faculty of the Department of Electronics and Communication Engineering, I am happy with an immense pleasure to convey my message for newsletter. Such activities will help the faculty and students to begin and pursue their voyage into new realms of knowledge. I congratulate the Department of ECE for delivering such a wonderful newsletter.

"Training your minds to become engineers of innovation should be the first motto during your under graduation".

I wish you all success for your bright future.



Principal Message



I am happy to note that the editorial board brings out newsletter for the period June- 2015 to March 2016. It is great to find a considerable number of winners and participants in co-curricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary skill-sets to bring such laurels to the institution. In QISIT, the year complemented with the blend of curricular and co-curricular activities. The major events of the year include Workshop on

IOT based applications, Campus Drives by CTS, Sutherland Global Services, Gesco healthcare, vertex, Tech Mahindra, Awareness Programs on viral fever, Mega blood Donation camp etc.

I appreciate the faculty members for publishing a good number of research papers in National and International journals.

HOD Message



I am happy on releasing March 2016 newsletter by the department of ECE into the light of world. I am very glad to note that interactive General Quiz, seminars, Paper Presentations, Technical Quiz, Aptitude Tests, JAM, Painting competition, Social Welfare activities and Group Discussions were conducted. I heartily congratulate the faculty of ECE for taking initiation and creating this newsletter.

ELECTRONICS & COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering was started in the year 2008 with an intake of 60 students. At present there is an intake of 120 UG students and 18 PG students. It has excellent infrastructural facilities and is well equipped with full-fledged laboratories, audio-visual facilities, and software tools such as Mentor graphics, MATLAB, and 70 Mbps Internet facility. The department offers PG program, M. Tech in VLSI and Embedded Systems.

The Department of ECE conducts the examinations and the degree is awarded by Jawaharlal Nehru Technological University, Kakinada. The board of education is incorporated with latest developments in Electronics and Communication field, such as well-equipped labs and well trained faculty and allied fields in the dynamic fashion, so that the student is exposed to the latest technological advancements during the program.

Vision of the Department

To be a premier department of Electronics and Communication Engineering to produce the cognizant knowledgeable professionals embedding innovative techno-skills with global competence having research and socio-ethical commitment.

Mission of the Department

- To impart quality technical education with the state of art infrastructure and instruction.
- To enrich the academic activities to produce the globally competent Technocrats with research and socio-ethical approach.
- To empower the learners to apply acquired knowledge and innovative skills to cater the present and future needs of industry and society.

Program Educational Objectives

- I. To acquire knowledge in applied and basic engineering sciences to understand engineering principles to solve problems related to Electronics and Communication Engineering.
- II. To analyse, design and create innovative products/solutions to real life problems to cater the societal needs.
- III. To inculcate managerial and entrepreneur skills, ethical and professional attitude and multidisciplinary approach to meet the needs of industry.
- IV. To imbibe lifelong learning and research aptitude to the emerging technologies with global competence.

Program Outcomes

- a) Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- b) 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
- c) 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
- d) 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.
- e) Modern tool usage: 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.

- *f*) **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.
- g) 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
- *h*) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
- *i*) **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- j) 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.
- *k*) **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.
- *l*) **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.

PSOs

- 1. **PSO1:** Ability to apply the concepts of Electronics and Communications to design the products in the fields of VLSI, Embedded systems, Networking, and Automation.
- **2. PSO2:** Ability to apply programming, aptitude, and technical skills to work in the software industry and IT sector.

The Department of ECE is the trend setter in the institution. In this manner the department has the unique identity in the institution, with many successful assignments and achievements as well.

Training Programs / Entrepreneurship programs/ Conferences/Guest Lectures/ Seminars/ Workshops organized

Skill Development programs organized for students details (A.Y:2015-16)

S. No.	EVENT	Date-month-Year
1	Workshop on Embedded System Design	17.08.15
2	Workshop on PCB Design	14.9.15 to 15.9.15
3	Workshop on ASIC design flow using Mentor graphics tool	5.10.15 TO 7.10.15

Guest lectures/Seminars organized

S. No.	EVENT	Date-month-Year
1	Guest Lecture on Analog Communications	22.8.15
2	Seminar on Antennas and wave propagation	26.09.15
3	Guest lecture on VLSI DESIGN	14.10.15
4	Seminar on Awareness of Management Studies	12.08.15
5	Seminar on GATE	19.8.15

ECE Department collaborated with different industries:-

S. No.	Name of the Organization	Major Activity
1	TALENTIO, Hyderabad	The company organizes placement training to the students to enhance employability skills.
2	Guvi geek Technologies, Chennai	The company organizes placement training to the students to enhance employability skills
3	Expansion, Chennai	The company organizes placement training to the students to enhance employability skills.
4	Six phrase, Chennai	The company conducts embedded systems training as per the industry needs.
5	Career global point , Hyderabad	The company organizes placement training to the students to enhance employability skills.

Faculty Publications: -

- 1. Vaddempudi Koteswara Rao, et al.," An Area Efficient Q-format Multiplier with High Performance for Digital Processing Applications" 2015 IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics (PrimeAsia-2015), 27 Nov 29 Nov 2015 held at Vasavi Engineering college, Hyderabad.
- 2. Vaddempudi Koteswara Rao, et al., "A Novel VLSI Architecture for Convolution and Deconvolution using Higher Radix Algorithm" 2015 IEEE Power, Communication and Information Technology Conference (PCITC-2015), 15 oct-17 oct 2015 at Siksha 'O' Anusandhan University, Bhubaneswar, India.
- 3. Vaddempudi Koteswara Rao, et al., "A novel VHDL implementation of UART with single error correction and double error detection capability," in *Signal Processing And Communication Engineering Systems (SPACES), 2015 International Conference on*, vol., no., pp.152-156, 2-3 Jan. 2015.
- 4. G.Sai Sravanthi, et al.," Multiple image blind water marking using MDC and QIM" international journal of scientific engineering and technology research, ISSN 2319-885,vol.04,issue.46,November 2015,pages:10066-10072.

Students Achievements: -

Student's Participations in Seminars, Workshops, Symposiums in the Academic Year 2015-2016

The following is the detailed list pertaining to achievements of students within the state in the academic year 2015-2016.

S.no	Name of the student	Details of Seminar/ Workshop/ Paper/ Poster	Event Name	Date of the Event	College / University & Location
1	GUTTA KEERTHI	Paper Presentation	BECTAGON 2K16	11/03/2016 & 12/03/2016	Bapatla Engineering College, Bapatla
2	NAGINENI NAGAMANI	Paper Presentation	BECTAGON 2K16	11/03/2016 & 12/03/2016	Bapatla Engineering College, Bapatla
3	NALLURI SAILAKSHMI	Paper Presentation	BECTAGON 2K16	11/03/2016 & 12/03/2016	Bapatla Engineering College, Bapatla
4	PATHAPATI MANEESHA	Paper Presentation	BECTAGON 2K16	11/03/2016 & 12/03/2016	Bapatla Engineering College, Bapatla
5	RAVIPATI SUSMITHA	Paper Presentation	BECTAGON 2K16	11/03/2016 & 12/03/2016	Bapatla Engineering College, Bapatla
6	SHAIK HASEEYA	Paper Presentation	BECTAGON 2K16	11/03/2016 & 12/03/2016	Bapatla Engineering College, Bapatla
8	BHIMAVARAPU ABHISHEK	Paper Presentation	Technical Fest	16/10/2015 to 18/10/2015	Sree Vidyanikethan Engineering College, Tirupathi
9	BOMMINENI SAICHAND	Paper Presentation	Technical Fest	16/10/2015 to 18/10/2015	Sree Vidyanikethan Engineering College, Tirupathi
10	CHENIKALA HARI KRISHNA	Paper Presentation	Technical Fest	16/10/2015 to 18/10/2015	Sree Vidyanikethan Engineering

					College, Tirupathi
11	CHERUKURI VENKATESWARLU	Paper Presentation	Technical Fest	16/10/2015 to 18/10/2015	Sree Vidyanikethan Engineering College, Tirupathi
12	CHUKKA PAVANCHANDU	Paper Presentation	Jignasa 2K15	02-03-2015	Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering and Technology, Vijayawada
13	DAKKUMALLA NANI BABU	Paper Presentation	Jignasa 2K15	02-03-2015	Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering and Technology, Vijayawada
14	SUJATHA MUPPARAJU	Paper Presentation	Jignasa 2K15	02-03-2015	Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering and Technology, Vijayawada
15	NAGALAKSHMI NELAKURTHI	Paper Presentation	Jignasa 2K15	02-03-2015	Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering and Technology, Vijayawada
16	SRILATHA PONNAGANTI	Paper Presentation	SAMYAK 16	25/02/2016 & 26/02/2016	KL University, Vijayawada
17	NAZREEN SULTHANA SHAIK	Paper Presentation	SAMYAK 15	26/02/2015 & 27/02/2015	KL University, Vijayawada
18	SRAVANI TALLAPALLI	Paper Presentation	SAMYAK 15	26/02/2015 & 27/02/2015	KL University, Vijayawada
19	NAGAMANI THANNIRU	Paper Presentation	SAMYAK 15	26/02/2015 & 27/02/2015	KL University, Vijayawada
20	ANUSHA UNNAM	Paper Presentation	SAMYAK 15	26/02/2015 & 27/02/2015	KL University, Vijayawada
21	CHUKKA PAVANCHANDU	Paper Presentation	SAMYAK 15	26/02/2015 & 27/02/2015	KL University, Vijayawada
22	GOGINENI RAVEENDRA	Paper Presentation	SRUJANA-2K16	27/02/2016 & 28/02/2016	Pace Institute of Technology & Sciences, Ongole
23	KAKU MANOJ RAJA	Paper Presentation	SRUJANA-2K16	27/02/2016 &	Pace Institute of Technology &

				28/02/2016	Sciences, Ongole
24	KAKUMANU RAGHUNATH	Paper Presentation	SRUJANA-2K16	27/02/2016 & 28/02/2016	Pace Institute of Technology & Sciences, Ongole
25	KODELA ADITYA	Paper Presentation	SRUJANA-2K16	27/02/2016 & 28/02/2016	Pace Institute of Technology & Sciences, Ongole
26	PALLERLA RAJASEKHAR REDDY	Paper Presentation	SRUJANA-2K16	27/02/2016 & 28/02/2016	Pace Institute of Technology & Sciences, Ongole
27	KONDURI TARUN KUMAR	Paper Presentation	YODHA 15	02-04-2015	Gudlavalleru College Of Engineering & Technology, Gudlavalleru
28	MARINENI VENU	Paper Presentation	YODHA 15	02-04-2015	Gudlavalleru College Of Engineering & Technology, Gudlavalleru
29	MENDA DILIPKUMAR	Paper Presentation	YODHA 15	02-04-2015	Gudlavalleru College of Engineering & Technology, Gudlavalleru
30	NAGENDLA MANIKANTA	Paper Presentation	YODHA 15	02-04-2015	Gudlavalleru College of Engineering & Technology, Gudlavalleru
31	MAKKINA AMULYA	Paper Presentation	JUBILATION 2K16	07/01/2016 & 09/01/2016	Narasaraopet Engineering College, Narasaraopet
32	MANDAVA RAMYASRI	Paper Presentation	JUBILATION 2K16	07/01/2016 & 09/01/2016	Narasaraopet Engineering College, Narasaraopet
33	MUTHINENI SPANDANA	Paper Presentation	JUBILATION 2K16	07/01/2016 & 09/01/2016	Narasaraopet Engineering College, Narasaraopet
34	BOYAPATI KAVITHA	Paper Presentation	TARANAG 2K16	05-01-2016	Lingayas Institute of Management and Technology, Vijayawada
35	CHUNCHU AMULYA	Paper Presentation	TARANAG 2K16	05-01-2016	Lingayas Institute of Management and Technology, Vijayawada
36	GALLA PRIYANKA	Paper Presentation	TARANAG 2K16	05-01-2016	Lingayas Institute of Management

					and Technology, Vijayawada
	THOKALA MANJUSHA	Paper Presentation	TARANAG 2K16	05-01-2016	Lingayas Institute of Management and Technology, Vijayawada
37	GANGADI ANUSHA	Paper Presentation	AFOSEC '16	29-02-2016	VR Siddhartha College of Engineering, Vijayawada
38	KOLLA NAGA GAYATHRI	Paper Presentation	AFOSEC '16	29-02-2016	VR Siddhartha College of Engineering, Vijayawada
39	KONGARA SRI MOUNIKA CHOWDARY	Paper Presentation	AFOSEC '16	29-02-2016	VR Siddhartha College of Engineering, Vijayawada

The following is the detailed list pertaining to achievements of students in the other state in the academic year 2015-2016.

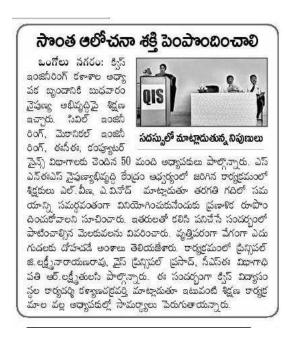
S.NO	Name of the student	Details of Seminar/ Workshop/ Paper/ Poster	Event Name	Date of the Event	College / University & Location
1	THOKALA MANJUSHA	Paper Presentation	FACEIT 2K15	09/10/2015	Ace Engineering College, Hyderabad
2	BHIMAVARAPU ABHISHEK	Paper Presentation	FACEIT 2K15	09/10/2015	Ace Engineering College, Hyderabad



పురస్కారాలు అందజేస్తున్న క్విస్ కళాశాల అధినేత నాగేశ్వరరావు

ఇంజినీలింగ్ విద్యార్థులకు పురస్కారాలు

ఒంగోలు నగరం, న్యూస్ట్ టుడే: క్విస్ ఇంజినీరింగ్ కళాశా లలో నాలుగో సంవత్భరం ఈసీఈ, సీఎస్ఈ, సీఎస్ ఇంజి నీరింగ్ విద్యార్థులకు బుధవారం ప్రతిభా పురస్కారాలు అంద జేశారు.ప్రిన్నిపల్ జి.లక్ష్మీనారాయణరావు ఆధ్యక్షతన జరిగిన కార్యక్రమంలో క్విస్ కళాశాల ఆధ్యక్షడు నిడమానూర్ నాగే శ్వరరావు పాల్గొని పురస్కారాలు అందజేశారు. విద్యార్థులను కళాశాల కార్యదర్శి ఎన్ఎస్ కల్యాణచక్రవర్తి, ఆభినందించారు.



Awareness events conducted by NSS

Student placements:

Most of the Students selected in various multinational companies

S.No	Name of the Company	Number of students placed
1	CTS ,CHENNAI -600098	5
2	Traint Software Solutions, Kukatpally, Hyderabad-500072	3
3	Aquatronic systems Delhi	1
4	Net connect Pvt.ltd,Bangalore-560068	1
5	TELEPERFORMANCE, HYDERABAD	5
6	SUTHERLAND GLOBAL SERVICES PVT.LTD. TAMIL NADU-600063	2
7	SURYATECH SOLUTIONS, HYDERABAD-62	8
8	HDFC,HYDERABAD-500073	13
9	VISHAY PRECESSION TRANSUDUCERS,SRIPERUMBUDAR-602105	1
10	SVTECH Solutions, NELLORE	6
11	Gesco healthcare, CHENNAI-98	8
12	SL Lumax,TAMIL NADU	7

QIS FEST - 2016

Inter-Collegiate Techno Cultural Fest

QIS-FEST 2016 is a National Level Students Meet, which witnesses the interfusion of competitions, inspirational talks, music, dance, pro-shows and much more. It is aimed at stimulating the youth to elevate aspirations, fight challenges and to achieve big. The objective of the program is to showcase the dynamism of the youth and to give an excellent platform for everyone to explore their talents.





Departmental day celebrations:

మునంగాం క్వేస్ టిమెల్లు మెంట్ ఉత్తనాలు ప్రభాతవార్త -ఒంగోలు క్వేస్ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీలో డిపార్బమెంట్ ఉత్సవాలు మనంగా జరిగాయి. ఈ సందర్భంగా విద్యార్ధులకు క్విజ్ కాంపిటీషన్, స్పాట్ ఈవెంట్స్, ఆటల పోటీలు, పేవర్ (పెజెంటేషన్ పోటీలు, సాంస్కృతిక కార్యక్రమాలు నిర్వహించారు. ఈసందర్భంగా కళాశాల సెక్రటరీ ఎన్ సూర్యకళ్యాణ చక్రవర్తి, (పెసిడెంట్ ఎన్ నాగేశ్వరరావులు మాట్లాడుతూ ఈ కార్యక్రమాలు విద్యార్ధులోని ప్రతిభను వెలికితీస్తాయని తెలిపారు. ఈ కార్యక్రమంలో కళాశాల (పిన్సి పల్ డాక్టరు జి లక్ష్మీనారాయణ, ఓవిఎస్ ప్రసాద్, అసోసియేట్ బ్రాఫెనర్ వి కోటేశ్వరరావుచే సెన్స్ స్పోర్ అని డిపార్డుమెంట్ సావనీరును ఆవిష్యరించారు.

How to Reach QIS, Ongole, AndhraPradesh, India. Nearest Airports-Vijavada, Chennai,Bangalore, Hyderabad Nearest Port - Chennai Nearest Railway Station- Ongole RAILWAY STATION COLLECTORATE Nearest Bus Station-Ongole Ongole to Vijayavada-148 K.m Ongole to Guntur- 112 K.m. Ongole to Hyderabad - 345 K.m Ongole to Vizag 500 K.m. Ongole to Kurnool - 258K.m TO VENGAMUKKALA PALEM Ongole to Nellore- 128K.m Ongole- Tirupati- 281K.m

Address for Correspondence

- Principal Dr. C. V. SubbaRao Cell No. 9246419528
- President Sri N. Nageswara Rao Cell No: 98492 93405
- > Executive Chairman/Secretary & Correspondent Sri. N. Surya Kalyan Chakravarthy Cell No. 99499 99977

Ongole to Chennai- 308 K.m Ongole to Bangalore- 510 K.m

> Admission Coordinator - Mr. G. Srinivasa Rao - Cell No.9246419579

QIS INSTITUTE OF TECHNOLOGY

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Extd. 1/99/5

Counselling Code: QISE

QIS COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE., Permanetly Affiliated to J.N.T. University, Kakinada - Accredited by NBA - UGC Recognised)
Vengamukkapalem, ONGOLE - 523 272. Ph: 08592-281023, Cell: 9246419542, Fax: 281323
B.Tech.: C.S.E. - 240, E.C.E. - 240, E.E.E. - 180, Mech. - 180, I.T. - 60
M.Tech.: (C.S.E., C.S., D.E.C.S., D.S.C.E., M.D., P.S., P.S.C & A, VLSI & ES, PE & PS)
M.C.A., M.B.A.

E444 2506

Counselling Code: QITO

OIS INSTITUTE OF TECHNOLOGY

(Approved by AICTE., Affiliated to J.N.T. University, Kakinada)

Vengamukkapalem, ONGOLE - 523 272, Ph:08592-650172, Cell: 9246419528

B.Tech.: E.C.E. - 120, C.S.E. - 120, Civil - 120, I.T. - 60, E.E.E. - 60, Mech. - 60

M.Tech. (VLSI & ES. C.S.E., P.E.& D.), MCA

W. IECH. (VLSI & ES, G.S.E., P.E.& D.), WICE

Counselling Code: QISP

OIS COLLEGE OF PHARMACY

(Approved by AICTE., PCI, New Delhi, Affiliated to J.N.T.University, Kakinada)

Vengamukkapalem, ONGOLE - 523 272. Ph : 08592-200565 Fax : 08592-221198, Cell : 92464 19548

B.Pharm - 120, M. Pharm

(Pharmaceutics, Pharmaceutical Analysis & Quality Assurance)

Other Institutions under SRI NIDAMANURI EDUCATIONAL SOCIETY

QIS NNR & CL DEGREE & PG. COLLEGE, Kurnool Road, Ongole (1998) Ph : 08592- 235307, 92464 19531 QIS HIGH SCHOOL (State Syllabus - EM) (2004) Kurnool Road, Ongole. Ph : 08592- 221175, 92464 19544 QIS PUBLIC SCHOOL (CBSE) (2004) Vengamukkapalem, Ongole. Ph : 92464 19546 QIS COLLEGE OF EDUCATION (2007) Ph : 08592- 200646, 92464 19547

OIS - Quality Is Strength