ANTRIX NEWS LETTER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES (Autonomous) :: RAJAMPET

AN EXCLUSIVE NEWS LETTER OF DEPARTMENT OF ELECTRONICS &COMMUNICATION ENGINEERING
FROM ANTRIX-ECE ASSOCIATION
Reach us at www.aitsrajampet.ac.in/ecedept/index.htm

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Antrix Newsletter is an amalgamation of all the events held in the Department of Electronics & Communication Engineering, Annamacharya Institute of Technology & Sciences, Rajampet. This e-News letter is compiled by Antrix-ECE Association with the inputs of the Faculty and Students of the Department. It plays an instrumental role in providing a greater exposure of the achievements accomplished.

VISION

To offer educational experiences those make the students globally competent, socially responsible and bring in answers to ever-ebbing problems in the field of Electronics & Communication Engineering.

MISSION

To offer high quality premier education in the field of Electronics & Communication Engineering and to prepare students for professional career and higher studies. To promote excellence in technical research, collaborative activities and positive contributions to society

Program Educational Objectives (PEOs)

1) Work efficiently as Electronics & Communication Engineers, including supportive and leadership roles on Multidisciplinary teams.

2) Communicate effectively, recognize and incorporate societal needs and constraints in their professional endeavors with high regard to legal and ethical responsibilities.

3) Develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.

PROGRAM OUTCOMES

Students in the Electronic and Communication Engineering program should, at the time of their graduation, are in possession of:

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 modeling 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.

EVENTS ORGANISED

- A Guest lecture on **"Quality of Service on Wired and Wireless Communication & Networking"** was conducted on 28/01/2019 by the Dept of ECE for IV B.Tech ECE students. The resource person of this event was Dr .D. Srinivasa Rao, Prof JNTUH Hyderabad. In the morning session he explained about the Quality service in wired and wireless communication and networking, Data communication, switching circuits in the communication etc.,

- A "**National level technical and cultural fest ATM-19"** was conducted on 14/02/2019 by the department of ECE. Chief guest for this program was P. Mahanaiah, professor Department of ECE, NBKR institute of science and technologies, vakadu.

- Guest Lecture on **"Carrier Development"** was conducted by ECE department on 19/02/19.The speaker of this event was Dr. Ramanaiah, Director, Saimedha institutions. For II & III B. Tech ECE students. He gave awareness on competitive exams like GATE, ESE and PSU'S and how to undergo video classes related to them. This was conducted

- A Two day workshop on **"PCB Design"** was conducted for II B.Tech ECE students on 20/02/2019 and 21/02/2019, by the Dept of ECE. The resource persons of this workshop was Mr.Aman—Associate technical engineer, Mr.shabas—Application engineer from Shanana Technologies, Banglore.

- A Two day workshop on **"VLSI Design methodology 2k19",**was conducted on 07/03/19 and 08/03/2019 to III B.Tech ECE students by the department of ECE in association with "Enterprenurship development cell". The resources persons of this event was Y.Avinash. SrHead, mirafia technologies, Hyderabad. P.Karthik Sharma, Technical Manager, Tech fluent ,Hyderabad.

- **National conference on emerging trends in information Digital and Embedded systems (NCE-TIDES-19)**, was conducted on 13/03/2019 to 14/09/2019 by the department of ECE. chief guest of this program was Dr. R. V. S. Satyanarayana, Professor, ECE Department, SV university , Tirupathi.

Antrix ECE Association Events:

EXODUS-19

"Farewell Day celebrations "was conducted by the department of ECE III Year ECE Students to IV Year ECE Students. Chief guest of this event was Sri.C.Yellareddy,vcechairman,AET. All the faculty members of ECE department and all stydents of III&IV B.Tech students had participated in this program. This event was conducted under Antrix ECE Association.

STUDENT ACTIVITIES

Co –Curricular:

Workshops:

S. NO.	TITLE	VENUE	DATES	No. of Students Attended
1	A two day workshop on PCB Design	AITS Rajampet	20th & 21st February 2019	24

Symposium:

S. NO.	TITLE	VENUE	DATES	No. of Students Attended
1	ATM – 19	AITS, Rajampet	14, 15 & 16 February 2019	20
2	SaMSLESHANA 2K19	AITS, Kadapa	23 Feb 2019	03
3	SIGMOID-2K19	SV University	24 & 25 March 2019	05
4	Tech Mantra – 2K19	KSRM College of Engineering, Kadapa	23 March 2019	01
5	PIXEL 2K19	JNTU, Anantapur	23 & 24 March 2019	02
6	E-BLAZE 2K19	SV University	22 & 23 March 2019	01
7	PRAYATNA 2K19	Narayanadri Institute of Science and Technology	March 2019	01

Online courses:

SL. NO.	STUDENT NAME	TITLE	VENUE	DATE(S)	REMARKS
1	Thota Yogeshwar Reddy	Siksha's Digital Marketing Project 1.0	Online	October 2018 – January 2019.	Contributor
2	Sai Vardhan Bolla	Learn C# .Net core with real world examples	Online	April 1, 2019	Completed

Conference:

SL. NO.	TITLE	VENUE	DATES	No. of Students Attended
1	NC'e - TIDES	AITS Rajampet	13 & 14 March 2019	04

Achievements:

S. No	Name of the Student	Seminar/ Symposium	Place & Date	Award
1.	T. Yogeshwar Reddy	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	1st prize
2.	S. Isra	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	2nd prize
3.	K. Deepika	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	2nd prize
4.	M. Kaveri	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	2nd prize
5.	U. HimaBindu	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	2nd prize
6.	K. Vanitha	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	1st prize
7.	R. Sudha Rani	Symposium	AITS, Rajampet, 14th, 15th & 16th February, 2019	1st prize
8.	J. Lakshmi	Paper presentation	AITS, Rajampet,14th, 15th and 16th February 2019.	1st prize
9.	T. Yogeswar Reddy	Paper Presentation	Sri Venkateswara university college of engineering, Tirupati, 24th and 25th March 2019.	1st prize
10.	T. Yogeswar Reddy	Paper Presentation	JNT University Anantapur, Ananthapuramu, 22 & 23rd March 2019	1st prize

Extra-Curricular:

Sports:

S. No	Name of the Student	Event	Place & Date	Award
1.	P. Haritha	Hand Ball	Anna University, Chennai, 04th February 2019	1st prize

FACULTY PUBLICATIONS

Journals:

- **J. Chinna Babu,** C.Chinnapu Reddy,M.N.Giri Prasad, "Computation of Parity Check Matrices for Binary EG-LDPC Codes used in Communication Systems", Helix the scientific explorer , Volume:9, Issue No: 1, 2019, February 2019, Pg. 4823-4831, **E-ISSN: 2319-5592, DOI 10.29042/2019-4823-4831 (WoS)**

- **M. Venkata Dasu,** Dr.P.Subbaiah, "Detection of Leucocytes in Microscopic Images with Swarm Intelligence Algorithm", Helix the scientific explorer , Volume:9, Issue No: 1, 2019, February 2019, Pg. 4838-4842, **E-ISSN: 2319-5592, DOI 10.29042/2019-4838-4842 (WoS)**

- **C.Venkatesh**, Polaiah Bojja, "A Novel Approach for Lung Lesion Segmentation Using Optimization Technique", Helix the scientific explorer , Volume:9, Issue No: 1, 2019,February 2019, Pg. 4832-4837, **E-ISSN: 2319-5592, DOI 10.29042/2019-4832-4837 (WoS)**

- **Sudhakiran Gunda** , Dr. Ernest Ravindran R. S. , B. Hemalatha , C. Divya, "Design And Simulation Of Digitally Controlled Oscillator Of Adpll" International Journal of Advanced Scientific Technologies in Engineering and Management Sciences (IJASTEMS-ISSN: 2454-356X) Volume.5,Issue.3, March.2019 Page No.:.1-4.**(ICI) (WCI).**

- **K. Naganarasaiah Goud**, S. Hemalatha, A. Hima Chandrika, "Detection of Brain Tumors in MRI Images by Using GLCM Texture", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.264-267, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- K. Arun Kumar **, K.Ramudu** , "Precision Agriculture using Internet of Things and Wireless sensor Networks" , International Journal of Scientific Research and Review **ISSN No**.: 2279-543X Volume 07, Issue 03, March 2019, **UGC Journal No**.: 64650 **(UGC)**

- **M.Venkadasu**, K.Prasanthi, J. Laila, C. Pavan Kumar, "Remote Image Classification using Particle Swarm Optimization", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.261-263, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **C. Venkatesh, L. SivaYamini**, M. Lakshmi Kanthamma, N. Bharath Kumar, "An Optimized Image Fusion Technique for Neurosurgery", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.257-260, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **M.Venkata dasu,** P.S.Balaji, V.Ashok, P.Harshini, " Spatial and Spectral Classification of Hyper Spectral Images Using Optimization Algorithms", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.254-256, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- Dr. Shaik Bajid Vali, **Dr. K. Riyazuddin, Dr. Fahimuddin Shaik,** "Adaptive Optimizing Radiation Patterns of Smart Antennas", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.251-253, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **C. Venkatesh, L. Sivayamini**, C. Sai Krishna, M. Tharuni, "Detection of Lung Cancer Using Efficient Optimization Technique", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.248-250, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **C.Venkatesh**, S.Reddy Sahithi, K.Subramanyam, "Optimization Based Lung Cancer Detection on CT Images and Data Transfer Using Raspberry Pi", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.245-247, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **L. Siva Yamini, C.Venkatesh**, K. Pavani Kumari, K. Narasimhulu, "Blood Vessel Segmentation of Retinal Images Using Contrast Limited Adaptive Histogram Equalization", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.242-244, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **L. Siva Yamini**, P.Nagamohan Reddy, S. Pranitha, M. Linga Raju, " Blood Vessel Segmentation of Retinal Images Using Tyler Coye Algorithm", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.239-241, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Shaik Karimullah**, Umar Shaik, Ramanjaneyulu Kottakula, "Gesture Recognization Technique Using Coherence Vector Algorithm For The Implementation Of Imaginary Art", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.235-238, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **P. Jothibasu**, "Analysis and Comparison of IIR and FIR Filter Implementation for Audio Applications", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.232-234, **ISSN NO. (Online):2347-6890, ISSN NO. (Print): 2347-5013 (ICI)**

- **G. Tirumalaiah**, V. Manoj Reddy, K. Ram Satish Reddy, P.Loka Pavani, "Video Synopsis through Events Rearrangement", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.228-231, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **M. Ravi kishore**, M.Swapna, C.Vasanthi, G. Saikishore, "Image Reconstruction using Discrete Fourier Slice Theorem", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.225-227, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **R. Mahesh Kumar**, S. Venkata Swarna, T. Venu Gopal Chowdary, J. Yeshwanth Kumar, "Modified Bacterial Foraging Optimization Algorithm for Digital Watermarking", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.221-224, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **S. Fayaz Begum**, K. Tharun Kumar Reddy, C. Sushmitha, K. Sneha Latha, "Pattern Noise Component Removal in an Image Based on Decomposition", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.215-220, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **M. Hanumanthu**, P. Suresh, G. Surendra," Detection of Spinal Tuberculosis Using DTCWT", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.210-214, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **G. Obulesu**, M. Siva Pavan Kumar, P. Sowmya, V. Thriloknath Reddy," Single Image Dehazing Using Multilayer Perceptron and DCP", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.205-209, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **K. Ramudu**, S. Sravani, J. Vaishnavi, G. Venkata Sai, " Detection of Breast Cancer Tumors in Mammography Images Using Neural Networks", International Journal of Engineering Research, Volume: 8, Special Issue:03, March 2019, Page No.:.202-204, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **M. Hanumanthu,** C. Sowjanya, T. Divya Sai, N. Sucharitha, "Design of a Computer Aided Diagnosis System for Spinal Tuberculosis Analysis", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.197-201, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Ramanjaneyulu.K,** Umamaheswari.K, N. Teja, D. Lakshmisowmya, "Lung Cancer Detection Using Neural Networks", International Journal of Engineering Research, Volume: Special Issue: 02, March 2019, Page No.:.192-196, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **K. Ramanjaneyulu**, D. Mohan Bootheswar, K.Blavan Kumar Reddy, "Design of a Cad System for Lung Cancer Detection Using Neural Networks", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.187-191, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **G.Obulesu**, K. Saila Banu, M. Satya Priya, "Dehaze A Image by Use of Multi-Layer Perceptron", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.182-186, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.Fahimuddin Shaik**, K.Yellaiah, A.Vishnu Vardhan Rao, V.Shanawaz, "Retinal Blood Vessel Tracking By Using Gaussian Processing And Radon Transform", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.177-181, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.Fahimuddin Shaik**, O. Ravi Sankar Reddy, A. Revardhan Reddy, M. Shiva Keerthi, "Automatic Cell Segmentation Using Ellipse Fitting Method", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.173-177, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **B. Prasanthi**, D. P. Hemasri, A. Prathyusha, M. Ramesh Nithin Sai, "Unsupervised Medical Image Segmentation Based On Local Center of Mass", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.170-172, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **M. Ravi Kishore, G. Obulesu**, P. Kowsalya, P. Devendra, "Image Segmentation Using Distance Regularized Level Set Evolution Method", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.164-166, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr. Fahimuddin Shaik**, C. V. Sai Bharadwaja Reddy, A. Srinivasa Reddy, N. Sreekanth, " Posterization of Images Using Bilateral and Fuzzy Concepts", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.159-163, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.B Abdul Raheem**, Sai Divya B., Ramya K., Teja T, "Automatic Crop Protection system during Harvesting", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.155-158, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Shaik Karimullah**, G. Akhila, Madaka Deepthi, "A Comparative Study on Adaptive Hybrid Memetic Algorithm and Exact Algorithm for Floor Planning in VLSI Circuit Design", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.147-150, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013(ICI)**

- **Shaik Karimullah**, Shaik Karishma, Buchakkagari Chelisha, Shaik Ifsha Tabbussum D, "A Comparative Study on Enhanced Optimization Kernel and a Hybrid Algorithm for Designing of Analog Integrated Circuit using SC Mechanism", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.144-146, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr. Nagaraju Choudavaram**, Ayesha Sidikha S., Chandrika Reddy V., Abdul Ajeej S, "Message Passing Algorithm for Compressed Sensing by Using Hybrid Vector Perturbation", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.137-139, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **P. Syamala Devi**, K. Narendra Kumar, B. Ramya3, K. Lavanya, "Power Analysis of Merged Flip-Flops by Using Clock-Gating Technique", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.133-136, **ISSN NO. (Online): 2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **L. Siva Yamini, C. Venkatesh**, S. Shaheena, C. Trinath, "Bio- Metric Based High Security System for Vehicles", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.129-132, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.B Abdul Raheem**, L Bhargavi, V.Udayachari, G.Palakondaiah, "Area Minimization using Genetic Algorithm for Floorplanning", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.122-125, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.B Abdul Raheem**, S Javeed Basha, M Sreenu, K.Manisha, "Floorplanning Using Nature Inspired Algorithms : An Overview", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.118-121, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.Prasad K.**, B. Chaitanya Lahari, K. Adi Lakshmi, "A Methodical Review on Yagi Uda Antenna for Broadcasting Applications", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.115-117, **ISSN NO. (Online): 2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **P.Brundavani**, D. Vishnuvardhan, R.Lakshmi Prasanna, R.Kavya, "Continuous Time CMFB Circuits For $\sum \Delta$ Modulatorbased ADC", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.111-114, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Mrs. S. Fayaz Begum**, K. Anitha2, G. Guru Sekhar, V. Hruday Kumar, "Design of RHBD 12T Memory Cell", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.107-110, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **S Nazeer Hussain**, Yamini Alekhya, Suresh, "Protection of Crops from Weather Calamities Using GSM and Wireless Sensor Network", International Journal of Engineering Research, Volume: 8, Special Issue: 02, March 2019, Page No.:.102-106, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **S. Nazeer Hussian**, V.Vyshnavi, S. Waheed Basha, "Protection of Crops from Heavy Rains Using GSM Technology", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.97-101, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.B Abdul Raheem**, Sadika Shaik, Sai Prakash D, "Harvest Losses and Protection: A Review", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.93-96, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **L.Sivayamini**, **C.Venkatesh**, S.Thusarabhargavi, P.Preethi, "A Dynamic Wireless Robot for Railway Track Scanning and Surveillance", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.89-92, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.Ch.Nagaraju**, C.Venkatesh, K.Preethi, S.Sowmya, "Synchronization Method for MIMO-OFDM Systems Using CAZAC", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.84-88, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Priyanka Aluru** , Ramu Kondagandla, Kulay Reddy Annapureddy, "IOT Based Crop Protection System against Wild Animals", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.80-83, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Priyanka Aluru**, Naveen reddy.Kanakanti, Mahammed Rasool Shai K,Naveen kumar Sure, "Advanced Method of Crop Protection System from Intruder Attacks", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.76-76, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **S. Siva kumar**, K. Anjaneyulu, U. Aruna kumari, V. Jaya Bhargavi , "Novel Design of Low Power High Speed Hybrid Full Adder by Using XOR/XNOR Gates", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.75-77, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **B. Lakshmi Prasanna**, K. Nagarjuna Raju, S.Muhammad Suhail, N. Poorna Chandra, " Design of Wireless Sensor Network Node for Protection of Valuable Forest Trees against Poaching", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.70-74, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.K. Riyazuddin**, R. Rakesh Reddy, K. Naga Sri Priya, C. Naveen Kumar, "Enhanced Energy Detection Method for Sensing the Spectrum in Cognitive Systems", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.66-69, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **M. Hanumanthu**, K. G. V. Sai Krishna, Y. Madhu Sudha, "Modeling and Simulation of High Functioning Advanced Encryption Standard Using Rijndael Procedure", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.63-65, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.Prasad K**., K. Adilakshmi, K. Harsha Vardhan, "Design Of Miniaturized Multi-Band Meta-material Planar Patch Antenna (Mmmpp) For Atmospheric Surveillance And Air Traffic In L Band", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.59-62, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Dr.K.Riyazuddin**, S. Ajay , M. Bindu Sree, B. HariChanadana, "Smart Navigation Using a Mobile Guided Robot", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.53-55, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **P. Siva Kalyani**, D. Ksrishnaveni, P. Anusha, P. Bhaskar Reddy, "Circular Delivering Robot for College Applications", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.49-52, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **R. Mahesh Kumar**, R. Suresh, S. Sreekanth, L. Sai Sasikala, "Design and Implementation of AITS FM Radio", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.44-48, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **K. Sreenivasa Rao**, S. Amrin, T. Sreekanth Reddy, S. Mohammed Afridi, "LPG Level Monitoring, Auto Booking Using Iot With Leakage Alert", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.39-43, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **Shaik Karimullah**, T. Lakshmi Praveena, B.Lavanya, "Gesture Based Digital Art - Drawing in The Air Using Open CV", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.35-38, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013(ICI)**

  M. Hanumanthu, B. Bhavana , L. Sravani, B. Venkata Rahul, "Modeling and Simulation of High Performance AES Using Rijndael Algorithm", International Journal of Engineering Research, Volume: 8, Special Issue: 01, March 2019, Page No.:.32-34, **ISSN NO. (Online):2347-6890, ISSN NO. (Print):2347-5013 (ICI)**

- **A.Priyanka**, V.Hymavathi, **Fahimuddin Shaik, B.Prasanthi**, "A Cognitive Approach Based Image Thresholding System for Analysis of Image Associated with Diabetic Myonecrosis", Journal of Basic and Applied Research International, Volume: 25, Issue: 02, April 2019, Page No.:.87-90, **ISSN NO. (Online):2395-3446, ISSN NO. (Print):2395-3438.(UGC)**

International Conferences:

- **Kota Sreenivasa Rao,** "Design and Area Optimization of 32-Bit ALU for Application Specific Processors", International Conference on Electrical, Communications , Electronics, Instrumentations and Computing-2019 (ICECEIC) , 30 & 31 January 2019, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Tamil Nadu, India**,**

- **B.Abdul Raheem,** Syed Javeed Basha, "VLSI Floorplanning using Nature-Inspired Hybrid Optimization Algorithm", International Conference on Data Sciences, Machine learning and Applications, Organized by department of CSE, CMR institute of technology, Hyderabad, Telangana, India, 29th & 30th March 2019.

- **Dr.K.Riyazuddin, Shaik Karimullah** "Design and Implementation of novel 4-bit ALU", International Conference on Data Sciences, Machine learning and Applications, Organized by department of CSE, CMR institute of technology, Hyderabad, Telangana, India, 29th & 30th March 2019.

- **J.Himabindhu, V.Sai Anusha,** "Implementation of Matrix-Vector Multiplication Methad On Fpga Using Xilinx System Generator", International Journal of Research, volume: VIII, Issue: VI june-2019, Page No.:. 693-698, **ISSN NO. 2236-6124.(UGC)**

National Conferences:

- **M.Ravi Kishore, Dr.D.Suresh** "Analysis of MRI Brain Images for Detection of tumor,"IETE Sponsored second national conference on Emerging Trends in Engineering, Science & Technology, 3rd May 2019, RNS Institute of Technology, Bangalore, Karnataka,

Text Books Authored and Published by Faculty:

S.No	Author	Title of the Book/Chapter book	Publisher	ISBN No.	Year
1.	N. Baladastagiri M. Hanumanthu	An Introduction to VERILOG HDL-A Beginners Guide	Mahi Publications	9788194013730	February 2019

Patent:

S.NO	Name of Applicant(s)	Name of other Inventor(s)	Title of the Invention	Application No	Date of Filing	Publication Date
1	Dr.Fahimuddin Shaik Dr.B.Abdul Rahim N.Baladastagiri	M.Ravi Kishore Dr.Fahimuddin Shaik Dr.B.Abdul Rahim N.Baladastagiri	Computer Automated Method for detection of Brain Tumor	201941008330	04/03/2019	15/03/2019

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