



K L University

(Deemed to be University, Estd. in 1983, UGC Act 1956)
(AACSB Accredited "A" Grade University)

DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE ENGINEERING NEWSLETTER

Green Fields, Vaddeswaram, Guntur Dist., A. P., 522 502.

Vol. IV, Issue 1

Dr. K. Raghava Rao, HOD-ECSE

January - March, 2017

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Dear readers, this newsletter covering the period from January 2017 to March 2017 offers a view of the academic, professional, research and center for extension activities of the Department.

The Department has organized a 3 Day DST SERB sponsored workshop on "INTERNET OF THINGS –TECHNOLOGIES AND APPLICATIONS" On 4th, 5th and 6th January 2017

A guest lecture on "IOT APPLICATION DEVELOPMENT" conducted for the students of B.Tech 2nd year of ECSE and M.Tech Students of Embedded System on 30th January 2017.

Plantation Drive is conducted on 1st February 2017. Around 20 students Volunteers of ECM department and Faculty In charges participated in the program. The volunteers participated actively and planted 200 plants in the streets and roads of tadepalli.

ECM Women's forum conducted an interactive session between the II, III year, IV year B. Tech and I M. Tech Girl students on the topic of "Women Connect" with the all Women Faculty and Staff of ECM Department with the following themes of Women as entrepreneurs, Women's role in community development through Reach one and teach one, Women's Education and career, Women emotional Intelligence, Women- social media protection on 2nd March 2017.

Renowned companies like HGS, Vertex, Allsec and L&T conducted recruitment drive in the campus and Department completed 100% placements for this year also..

The editorial team thanks all its patrons for their support of the newsletter. We welcome suggestions from all our readers who wish to see their ideas incorporated in the subsequent issues.



Placements:

Department of Electronics and Computer Science Engineering Placements from January 2017 - March 2017

S.No.	Date of Interview	Name of the Company	No. of Students attended	No. of Students qualified in written	No. of Students selected
1	05.01.2017	Sutherland Global Service	20	0	0
2	07.01.2017	Virtusa Polaris	24	0	0
3	02.02.2017	Technovert	24	0	0
4	09.02.2017	Cyeint	12	0	0
5	10.02.2017	West Line	6	1	0
6	16.02.2017	HGS	16	10	10
7	17.02.2017	Vertex	16	10	10
8	21.2.2017	Allsec	3	1	1
9	04.03.2017	Miracle Soft	23	2	0
10	11.03.2017	Huawei	20	1	0
11	16.03.2017	L & T	23	3	2
12	30.03.2017	Genpact	18	2	0

Guest Lecture on IOT APPLICATION DEVELOPMENT

Conducted on: 24th December 2016

The DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE ENGINEERING (ECSE)

K.L.University, Vaddeswaram organized an guest lecture on “IOT APPLICATION DEVELOPMENT” on 30-01-2017 for the students of B.Tech 2nd year of ECSE and M.Tech Students of Embedded System. The resource person Mr.Amrendar katpam, Smart Bridge, Hyderabad delivered that, there are lot of opportunities for electronics engineers in the fields of

IOT and Embedded Systems and how a student can select a particular organization and Research for the carrier. He further explained the students that the IOT plays an important role in making the life easy and intelligent, and hence the students must understand the functionality and programming of the hardware and software. He also demonstrated the students on IOT Application in the different fields.

Mr.Amrendar Katpam demonstrated application IOT in different fields like Agriculture Monitoring and controlling, Smart Home and Traffic management etc...

Dr. K. Raghava Rao, HOD-ECSE department and Mr. A. V. Prabu , Assoc. Professor & Program Coordinator and faculty of ECSE attended the guest lecture.



**DST Sponsored THREE DAY Workshop on
“INTERNET OF THINGS-
TECHNOLOGIES AND
APPLICATIONS”
ORGANISED BY
DEPARTMENT OF
ELECTRONICS
AND COMPUTER
ENGINEERING**

Conducted on: 4th, 5th and 6th January, 2017
VENUE: Rose Hall

The Department of Electronics And Computer Engineering has organized a 3 Day DST SERB sponsored workshop on “INTERNET OF THINGS – TECHNOLOGIES AND APPLICATIONS”.

Sri D CHAKRAPANI, IAS (Retd.), Presently Director General, AP HRD Institute and Ex-officio Secretary to Govt. GAD, Govt. of Andhra Pradesh, Addl. Charge of the post of Director, Centre for Innovations in Public Systems (CIPS), an Organization funded by Govt. of India, Hyderabad was the chief guest .

Day 1(4th January , 2017)

The first day of the workshop started with Inauguration of the workshop at 10:00 a.m. with a welcome note by Dr. K. Raghava Rao, HOD ECM. Dr. M. Rammoorthy -Chancellor KLU, Dr. LSS Reddy -Vice Chancellor KLU, Dr. Akhilesh Kumar –Advisor (Academics), Dr. ASR Murthy - Senior Professor addressed the gathering and highlighted the need of technology innovations for better living.



Dr.K.Raghava Rao –HOD –ECM addressing the gathering Faculties and students Participation in the Workshop



Resource Persons and Other Dignitaries



Faculties and students Participation in the Workshop



Dr. LSS Reddy Vice Chancellor Lightening the Lamp

Technical Talks were delivered by the following Eminent academicians

- ✓ Dr.Kodali Ravi Kishore ,Professor ,Department of Electronics & Communications Engineering -NIT Warangal.
- ✓ Dr.B.Lakshmi,Professor,Department of Electronics & Communications Engineering-NIT Warangal.

The following Industry Experts had demonstrated practical applications of IOT and made the students gain hands on experience of using various IOT related Boards and sensors.

1. Mr. Amarendar, Smart Bridge Solutions ,Hyderabad.

2. Mr. Raghav, INTEL-FICE-Bangalore

On day 1 the resource persons gave demonstration on installing software that are needed for controlling various sensors.

Day 2 (5th January, 2017)-The second day of workshop was started at 10:00 am in the morning. The session was Brief explanation about sensing elements like moisture sensor ,heat sensor has sensor, light sensor etc.,

Day 3 (6th January, 2017) - The resource persons demonstrated and gave hands on practice on Intel board with coding, dumping and net connectivity to the board

NSS Activity PLANTATION DRIVE

Conducted on: 6th February 2017

Plantation Drive is conducted in tadepalli, Guntur Dt on 1/02/2017. Around 20 students Volunteers of ECM department and Faculty In charges participated in the program. The volunteers participated actively and planted 200 plants in the streets and roads of tadepalli.



పర్యావరణ పరిరక్షణకు పాటుపడదాం



మొక్కలు నాటాను విద్యార్థులు

కుంచనపల్లి (తాడేపల్లి), న్యూస్టుడే: తాడేపల్లి మండలం కుంచనపల్లిలో కేవల్ విశ్వవిద్యాలయం జాతీయ సేవా పథకం విద్యార్థులు సోమవారం మొక్కలు నాటారు. రహదారికి ఇరు వైపుల మొక్కలు నాటి పర్యావరణ పరిరక్షణకు పాటుపడాలని కోరారు. స్టూడెంట్స్ అసైర్ డీన్ డాక్టర్ జ్యోతి, డాక్టర్ రవీంద్ర నాథ్, ఎన్ఎస్ఎస్ ప్రోగ్రాం కోఆర్డినేటర్ శ్రీపతిరాయ్, హాబీక్లబ్ ఇన్చార్జి శుభకర్ రాజు, ఈసీఎం ఇన్చార్జి గోపీకృష్ణ, వెంకటేశ్వర్లు, సురేష్, సతీష్, శివకృష్ణ, శ్రీనివాసరావు పాల్గొన్నారు.



కేవల్ యూనివర్సిటీ జాతీయ సేవా పథకం వలంటీర్లు కుంచనపల్లి ప్రధాన రహదారికి ఇరువైపులా సోమవారం మొక్కలు నాటారు. కార్యక్రమంలో స్టూడెంట్స్ అసైర్ డీన్ డాక్టర్ ఎం.జ్యోతి, అసోసియేట్ డీన్ డాక్టర్ కేరవీంద్ర నాథ్, ఎన్ఎస్ఎస్ ప్రోగ్రాం అధికారి కే.శ్రీపతిరాయ్, హాబీక్లబ్ ఇన్చార్జి డాక్టర్ ఆర్.శుభకర్ రాజు, ఈసీఎం ఇన్చార్జి గోపీకృష్ణ, సీఈఎం కోఆర్డినేటర్లు డాక్టర్ ఎన్.వెంకటేశ్వర్లు, సతీష్, శివకృష్ణ, కేవలయూ గార్డెన్ ఇన్చార్జి శ్రీనివాసరావు, 200 మంది వలంటీర్లు పాల్గొన్నారు. **వడ్డేశ్వరం (తాడేపల్లి)**



ఆంధ్రజ్యోతి Tue, 07 February 2017
epaper.andhrajyothy.com/c/16668379

మొక్కలు నాటిన కేవలయూ విద్యార్థులు
తాడేపల్లి రూరల్ : కేవలయూ ఎన్ఎస్ఎస్ వాలంటీర్లు సోమవారం మండలంలోని కుంచనపల్లిలో మొక్కలు నాటారు. ప్రధాన రహదారులకు ఇరువైపులా సుమారు 200 గానగు మొక్కలను నాటారు.

సాక్షి Tue, 07 February 2017
epaper.sakshi.com//

Women's Forum National Women's Parliament on 10th, 11th and 12th February- 2017

Though we are the largest democracy, women in India find themselves under-represented and farremoved from decision making levels. Women face many political, socio-economic, ideological and psychological obstacles. There is a dire need to remove these obstacles for their equal participation in all Spheres of Life. We will have to ensure that young girl students realize their potential, guide and nurture them, so that they believe, there is a bright future that awaits them. On this backdrop, and by a conscious deliberation between Dr. Kodela Siva Prasad Rao, Hon'ble Speaker of Legislative Assembly, Shri. N. Chandrababu Naidu, Hon'ble Chief Minister of Andhra Pradesh and Shri. Rahul V. Karad, the seed thought of National Women's Parliament (NWP) was conceived. It is heartening that visionary leadership of Government of Andhra Pradesh has decided to host and extend complete solidarity for this massive movement, initiated by Andhra Pradesh Legislative Assembly.

The National Women's Parliament saw over 10,000 higher secondary girls connecting with 401 women legislators, 91 women Members of Parliament and 300 social and corporate women leaders of India and overseas.

In this regard KLU-Women's Forum has decided to participate in NWP Program and focused to generate new ideas, concepts, theories and ideologies for women empowerment. Mrs. S. Sridevi with their Students from the Department of ECSE participated in this NWP Program.

Vision:

The platform of National Women's Parliament will enable and encourage the social, political and economic empowerment of women in all strata of the society.

Mission:

To establish a connect between women from diverse backgrounds like politics, social sector, education, sports, industry, media, cinema, arts & culture, judiciary and students by providing them a platform for deliberations, discussions, debates, mentoring and for evolving reciprocal and continuing engagement

on all women centric issues and challenges.

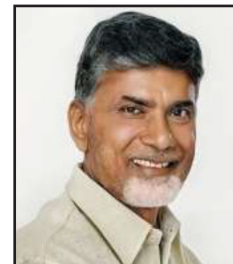
Objectives:

1. To facilitate an interaction between women from diverse backgrounds.
2. To sensitize the society about common issues.
3. Making the young girls to realize their potential.
4. To enhance the network between eminent women and girls students to enable them to take leadership roles in all sectors.

Features:

1. NWP is the 1st of its kind conclave in India.
2. It is being organized by Andhra Pradesh Legislative Assembly in association with MAEER's MIT School of Government, Pune.
3. It is a three-day national conclave to be held at Amravati, Andhra Pradesh.
4. This conclave will have dedicated and meaningful mentor-mentee sessions so as to make it engaging and a long term activity.
5. Resolutions will be put forward for voting in the National Women's Parliament.

Speaker



Sri. N. Chandrababu Naidu Garu
Chief Minister, AP

Speaks About :

- ✓ About Gender Inequality
- ✓ Women Empowerment
- ✓ Speaker of Lok Sabha
- ✓ Thalliki Vandanam



Smt. K. Kavitha
Member of Parliament

Speaks About :

- ✓ Women Leadership
- ✓ Raise your voice to Question



Laxmi Agarwal
Indian campaigner

Speaks About :

- ✓ Self Confidence of women
- ✓ Motivated women to overcome problems



Smt. N. Brahmani
Executive Director, HFL

Speaks About :

- ✓ Help Ourselves
- ✓ Importance of Education
- ✓ Regular Income



Smt. Kiran Bedi
LT Governor, Pondicherry

Speaks About :

- ✓ How to create and use Leadership
- ✓ How to overcome the problems



Women's Connect Programme

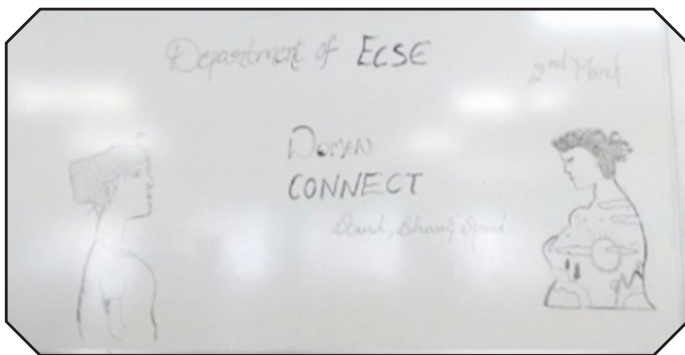
Organized by: ECM Women's forum

Conducted on: 2nd March, 2017

KLU ECM Women's forum conducted an interactive session between the II, III year, IV year B. Tech and I M. Tech Girl students on the topic of "Women Connect" with the all Women Faculty and Staff of ECM Department on the following themes.

1. Women as entrepreneurs
2. Women's role in community development through Reach one and teach one
3. Women's Education and career
4. Women emotional Intelligence
5. Women- social media protection

In this session Students are exchanged their ideas and

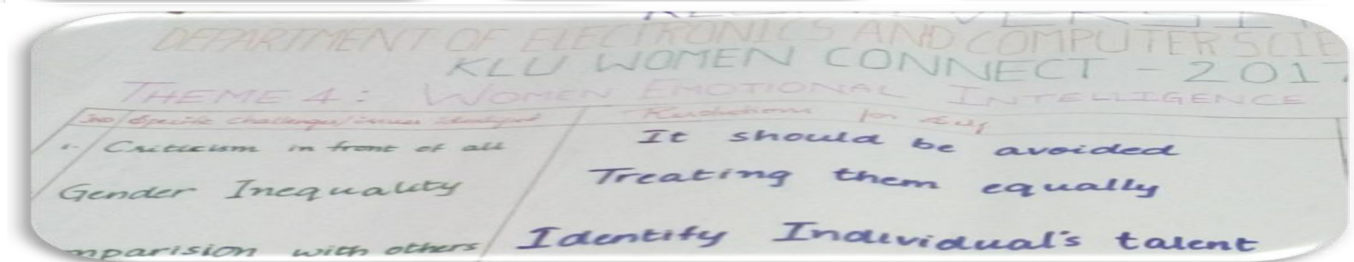


emotions on the above themes some of them are:

- Self defense techniques are the first and foremost thing to which each and every woman must be aware of and get proper self-defense training for their safety. They must be aware of some effective defense techniques such as kicks to groin, blocking punches, etc.
- Generally most of the women are gifted with sixth sense which they must use whenever they become in some problem. They should at once avoid any situation which they feel bad for them.
- Women must understand and feel their physical power and use accordingly. They never feel themselves weak than men and take some self defense training.
- They should be careful while communicating with someone on internet in the cyberspace.
- They must have all the emergency numbers with them and whatsapp also if possible so that they can immediately tell to their family members and police.
- Women should be very conscious while driving the car and going to any trip. They must lock all the doors of car while travelling with own or private car.

All II, III, IV year B. Tech, I M. Tech Girl students, Women faculty and non-teaching staff of the department have actively participated in this programme.

Program Overview:



Publications

1. A.VAMSEE KRISHNA presented a paper entitled “Designing and Implementation of an Application of Smart Home using Internet “in international conference ICSEG, January 2017
2. K. SRINIVASA RAVI published a paper entitled “An Embedded Web Server Based Automatic smart home monitoring” in IJCTA ISSN NO: I0974-5572 Volume No:10 Issue No:5 in SCOPUS February 2017.
3. K. SRINIVASA RAVI published a paper entitled “POWER TRAFFIC MONITORING CONTROLLING AND THEFT IDENTIFICATION USING IOT APPLICATION” in IJCTA ISSN NO: I0974-5572 Volume No:10 Issue No:5 in SCOPUS February 2017.
4. K. SRINIVASA RAVI published a paper entitled “ENSURING CORRECTNESS OF DATA WHEN FAULTS ARE CAUED DURING COMMUNICATION BETWEEN THE WIRELESS SENSOR NETWORKS” in IJCTA ISSN NO: I0974-5572 Volume No:10 Issue No:5 in SCOPUS February 2017.
5. JKR SASTRY published a paper entitled “ENSURING CORRECTNESS OF DATA WHEN FAULTS ARE CAUED DURING COMMUNICATION BETWEEN THE WIRELESS SENSOR NETWORKS” in IJCTA ISSN NO: I0974-5572 Volume No:10 Issue No:5 in SCOPUS February 2017.
6. K.RAVI KUMAR published a paper entitled” NINTEGRATED STUDY OF MORPHOMETRY ANALYSIS AND PHYSICAL CHARACTERISTICS EVALUATION FOR RESOURCE MANAGEMENT OF RIVER BASIN USING GEOINFORMATICS” Volume No:10 Issue No:5 in SCOPUS February 2017.
7. P. GOPI KRISHNA published a paper entitled “An Embedded Web Server Based Automatic smart home monitoring” in IJCTA ISSN NO: I0974-5572 Volume No:10 Issue No:5 in SCOPUS February 2017.
8. K. VENKATA RATNAM published a paper entitled” AN INTEGRATED STUDY OF MORPHOMETRY ANALYSIS AND PHYSICAL CHARACTERISTICS EVALUATION FOR RESOURCE MANAGEMENT OF RIVER BASIN USING GEOINFORMATICS” Volume No:10 Issue No:5 in SCOPUS February 2017.

Faculty Achivements:



Dr. G. Vijay Kumar is a reviewer for **IEEE Transactions on Industrial Electronics**



Smt. K. Krishnaveni, Mr. R. Karthik guided a project “**Providing Security for Women**” selected for demonstration in **SMART INDIA HACKTHON-2017**, which is organized by Ministry of Tourism-Govt. of India.



Ms. K. Bharathi guided a project “**Prediction of weather forecasting for formers and Agriculture purpose**” selected for Demonstration in **SMART INDIA HACKTHON-2017**, which is organized by Ministry of Forests, Agriculture-Govt. of India.

Student Achievements /

External participation:

1. M.Geetha Pratyusha(162052004) and K.Naga Siva Rao(162052003),their project “Providing Security for Women” selected for demonstration in SMART INDIA HACKTHON-2017,which is organized by Ministry of Tourism-Govt. of India.
2. T.Bhavya(162052006),Ch.Mohan(162052001),G. RajasekharNaidu(162052002) and M.Naga Durga Prasad (162052007),their project “Prediction of weather forecasting for formers and Agriculture purpose” selected for Demonstration in SMART INDIA HACKTHON-2017,which is organized by Ministry of Forests,Agriculture-Govt. of India.
3. K.Kushal Sai participated in ROBOFEST-2017on 13th March 2017 at KLU
4. K.Kushal Sai got third prize on Android App Development conducted at IIT,Roorkee on 24th March 2017

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Thank You



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With Best Compliments Form

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