

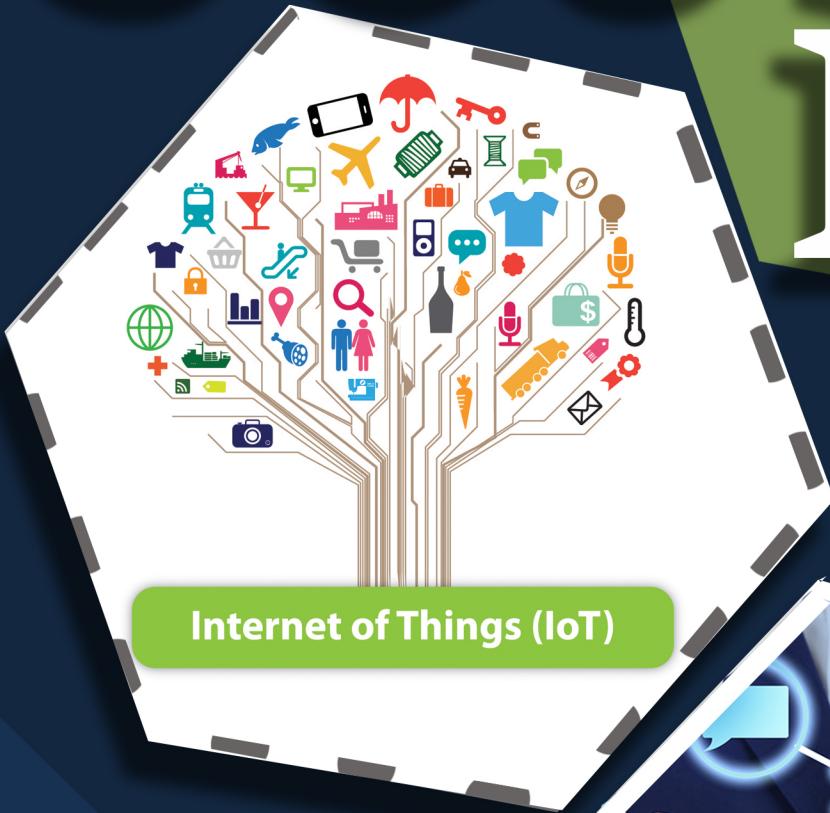


**K L University**  
u/s 3 of UGC Act, 1956  
Koneru Lakshmaiah Education Foundation

# FOCUS

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# OUR FOCUS BOON

## CHANCELLOR:

I am very happy to know that the students of the CSE department are releasing a magazine FOCUS on the occasion of teachers day. I understand that the main theme is on IOT, which has become an important development in the field of communication and control. I wish all the best of the attempt made by the students of CSE.

- Dr.M.Rama Moorthy



## VICE CHANCELLOR:

IOT is the future technology .Big data & IOT is going to rule the future and I advice every student must learn the technologies , Its better to acquire these technologies that will help your future careers....

I wish every one good luck.....

- Dr.L.S.S.Reddy



## PRO-VICE CHANCELLOR :

Focus has been really working hard for developing the inner skills of the students and in increasing their capabilities.I wish the team a grand success in all their upcoming events.

- Dr.A.V.S.Prasad



## PRINCIPAL:

From many years cse students are successfully organising this FOCUS..I wish them great future and career ahead

- Dr.A.Anand kumar

## HOD-CSE :

Try to analyse the domain you are expertise in. Keep your sincere efforts while doing your work. Be a good human being. Set high targets and aim for it. Be confident on yourself and maintain a good attitude. Self analysis should be done from time to time.

Wish you a good luck for your bright future.

- Dr.V.Srikanth





### Alternate HOD (CSE) :

I appropriate effort and that FOCUS is going through to bring the department together by putting many events to unite the students spirit.  
I wish them all the best...

- Dr.V.KRISHNA REDDY

### Editor (FOCUS) :

“FOCUS is a body of CSE which helps an individual not only to develop themselves but also to realise the benefits of team work”

- Ms.K.RUTH RAMYA



### IoT researcher, CEO, CiEL Labs :

The Internet of Things is now growing rapidly and entering into different industries and verticals. India is one of the leading countries in the globe where too many innovations are being done around Internet of Things. Many software giants are working on IoT to enable the life smarter and securable. The IoT is transforming the agriculture industry and enabling the farmers to face their challenges in a more innovative way.

- MAHAN RK



### IoT developer, CEO, ORL Industries :



It is very clear that we live in a technological world where the future lies in the innovation laid on the species of invention. It's hard to believe strongly that our desire on innovation is totally changed with global technology trends. Out of which, Internet of Things (IoT) is one which changed our prospective towards life and it is the most leading technology in the world. This game changing technology has rapidly entered into all different verticals like Automobiles, Health Care, Smart Cities, Transportation, Renewable Energy, Security, Agriculture etc. IoT is one largest entity which can transform our lives and our society by connecting it to the real things which are informative. IoT is widely popular in all industries for its development, portability, reliability and fast scientific research.

-MADHU PARVATHANENI

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# 1.IOT – Drift For Present Technology

The world is a very big place. Distances make many things impossible and many goals unreached. Can we make it smaller? Yes, we can. Technology is the only thing that can make this planet smaller. Technology has shown us that nothing is unattainable and has aggravated us to accomplish tasks on a large scale to achieve our goals. Now this technology has taken another pace to make our existence easier and enhanced through INTERNET OF THINGS. Consider numerous sensors associated to each device around us. Over 26 billion devices will be there and all of them are connected to each other all the way through internet. All of them will collect the information on the go. They will analyze the data, make decisions and take the actions. This will make your life a better place and a smarter place. This is nothing but

## “ I N T E R N E T - O F - T H I N G S ” .

The next wave in the era of computing will be outside the realm of the traditional desktop. In the Internet of things paradigm many of the objects that surround us will be on the network in one form or another. Radio Frequency Identification (RFID) and sensor network technologies will rise to meet this new challenge, in which information and communication systems are invisibly embedded in the environment around us. This results in the generation of enormous amounts of data which have to be stored, processes and presented in a seamless, efficient and easily interpretable manner. Cloud computing can provide the virtual infrastructure for such utility computing which integrates monitoring devices, storage devices, analytics tools, visualization platforms and client delivery.

### Applications:

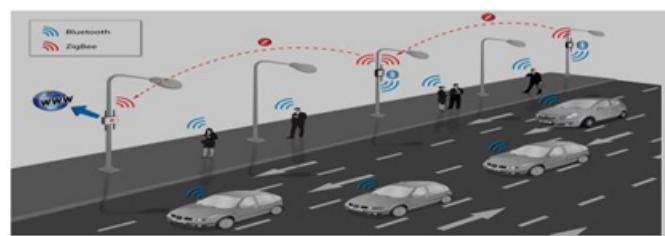
#### 1.Traffic Monitoring:

In this super fast world, we usually seize up in the traffic and we have to wait for a long time for the passage to get cleared. This can be controlled using Internet of things. Consider a number of metal lobes which serve as sensors which are connected entrenched on the road. These sensors will act as data points. When there is a mishap on the thoroughfare

or very high traffic, these data points will sense them and generate a report. Now the operation center will analyze the statistics and according to that, decisions will be taken.

#### 2. Health applications:

Consider a smart band which you will put on all the time i.e Right from the moment you wake up in the morning, till you go to sleep in the night. This band will have number of sensors like accelerometer which will be synchronized with your smart phone. It will collect the data all the time.



#### 3. Smart air quality:

In the present day situations, pollution has become a major issue. So measuring this pollution content is very important. Internet of things has put up its show in this problem. A device known as ‘foot board’ will be helpful for sensing the quality of air particles. This tiny device is equipped with number of sensors. It will measure the quantity of CO, CO<sub>2</sub>, temperature, humidity and different types of gases.



#### 4. Smart waste management:

The collection and disposal of waste has always been a problem. So why can't we make a device that does this work for us. A device known as ‘enevo one’ is specially made for this. It is equipped with number of sensors. These sensors will continuously monitor how much the dustbins are filled. These sensors are connected to the cloud. So this will provide some routing information to the garbageA central station will be there which will continuously send the commands to the trucks. So they need not waste time searching for the routes.

## 5.Home Automation :

Any device in your home that uses electricity can be put on your home network and at your command. Whether you give that command by voice, remote control, tablet or smart phone, the home reacts. Most applications relate to lighting, home security, home theater and entertainment, and thermostat regulation.

### 6.Smart grids.

### 7.Industrial internet.

### 8.Connected car.

### 9.Connected Health

(Digital health/

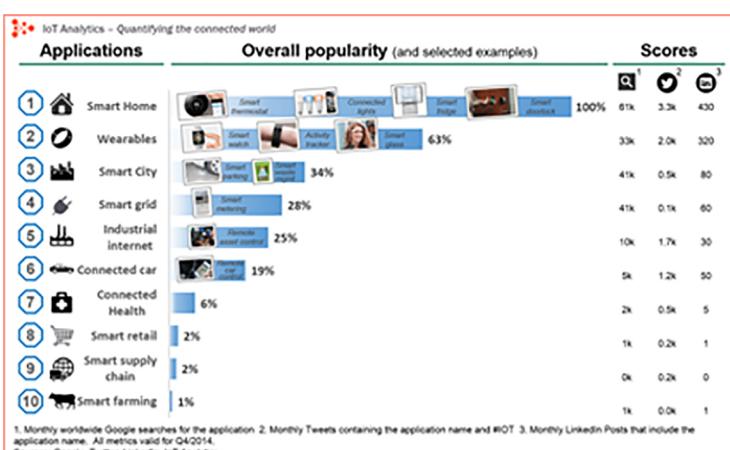
Tele health / Telemedicine)



### 10.Smart retail

### 11.Smart farming

### Statistics:



### Articles:

#### 1. The Gaurdian(10 July 2016):

The internet of things needs better-made things  
John Naughton

Networked devices for your smart home are the modern way to manage your life, but the rush to sell shoddy smart products risks compromising security



## 2. Forbes(13'may 2014):

The Internet of Things is here and it's growing rapidly. Internet of Things (IoT) or Internet of Everything (IoE) refers to devices or objects that are connected to the Internet, like your smartwatch, Fitbit, or even your refrigerator. These devices are able to collect and transmit data via the Internet, contributing to our big data world.

Smart, connected devices are already transforming our world and the competitive forces in business. To demonstrate how fast this sector is growing and what an impact it will have on our lives and business, I've rounded up 17 of the most mind-boggling IoT numbers and stats that prove that the phenomenon is here and here to stay.

1. The majority of people (87%) have not heard of the term 'Internet of Things'.
2. ATMs are considered some of the first IoT objects, and went online as far back as 1974.
3. Back in 2008, there were already more objects connected to the Internet than people.

## 3. TheGuardian(07'Aug 2016) :

Guardian sustainable business  
circular economy

Supported by  
Philips

Duncan Jefferies

Sunday 7 August 2016 08.00 BST

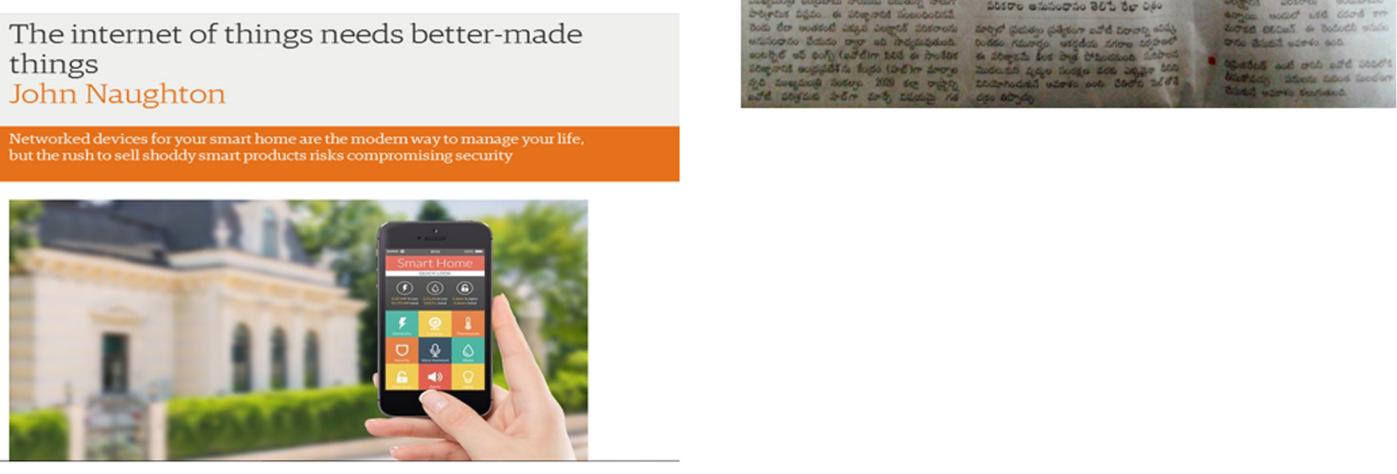


Turning old smartphones into anti-burglary devices and baby monitors

With 1bn smartphones lying idle in the US, meet the companies repurposing old smartphones into sensors and security cameras in a bid to tackle e-waste



## 4. Eenadu ( 25' july 2016):



## 2. Our Pride - Our Achievements - Our Beauty



### **3.JOURNEY OF FOCUS – Dude it's 15 Years !!!!!!!**

#### **Academic year 2002-03:**

All the members of the FOCUS have assembled for the first time in E005 on 19/07/2002 where the students were selected unanimously for various posts. Followed by this was the second session of the FOCUS, conducted in New Seminar Hall on 13/09/2002. On that day a technical seminar was delivered on the .NET technologies and various prizes were distributed along with honouring of few prominent personalities of K.L. University.

Session 3 and session 4 were conducted in New Seminar Hall on 24/01/2003 and 14/03/2003 respectively. In session 3, Mr. Vijaypal, C.E.O. of SANZA Technologies delivered a lecture on Data Mining. Session 4 witnessed the FAREWELL party of final year students along with an interaction session with them.

#### **Academic year 2003-04:**

In the Academic year of 2003-04 a total of 8 sessions were conducted by the FOCUS body. Session 1 was conducted on 26/06/2003 in E206 where a new FOCUS body was elected. Session 2 was conducted on 17/07/2003 in E206. The events held in that session were technical news, semi technical quiz and a vote of thanks. In the 3rd session then H.O.D. Mr. Y. Purandar gave a brief insight about the activities that are to be conducted in that semester to the students. Session 4 witnessed the delivery of a seminar by Mr. Manikandar and a dance performance by Ms. Surekha. In session 5 the guest of honor was Mr. Raja Ram Mohan Rao who gave an overview of Oracle Financials and job environment in U.S. Software Industries. In session 7 a cricket match was conducted between the 3rd and 4th year students.

#### **Academic year 2004-05:**

In the Academic year of 2004-05 a total of 12 sessions were conducted. As usual the first session was intended to elect the new members into FOCUS body. In this academic year, Professor S.R.K. Paramahamsa emphasised the importance of communication and presentations skills in his speech. There was another technical seminar on .NET

Technologies. A Technical seminar on the topic Concepts of Storage media was given by B. Ashok (then student). H.O.D. of Mechanical department Mr. Sri. Shyam Prasad delivered a speech highlighting the role that FOCUS body played in providing a platform to improve various soft skills and leadership skills.

#### **Academic year 2005-06:**

There were a total of 7 sessions. The first session was as usual held to elect the new FOCUS Body members. Asst. Professor Mr. T. Srinivas asked the students to use FOCUS sessions as a platform to exhibit their talents and suggested member to conduct more cultural activities. Many cultural events that included dance and singing were conducted in session 3 in New Seminar Hall. The dignitaries- Assist. Pro. Habibullah khan, Sri. Venkateswarlu and Mr. Rama Chandra Rao expressed their childhood days and instructed the students to follow the college rules and perform well in interviews.

#### **Academic year 2006-07:**

There were total 15 sessions in the Academic year of 2006-07. Session 1 was started at 2.00 pm with introductory speech by Prof Y. Purandar followed Key note speech by Miss Sneha Verghese. The topics addressed are What is Wipro, Achievements of Wipro, Certifications of Wipro, Employee structure in Wipro, clients of Wipro, How to get employed in Wipro, career growth in Wipro, Opportunities and options in Wipro. The session is ended by Vote of Thanks given by Mr. Sri Krishna Raya, Y3CS281. Session 2 was started by electing the new FOCUS executive body members. Students were advised in sessions to come up with more innovative ideas. Various seminars were conducted on honey pots, OSS, commercial software and their benefits and open source initiatives. Games were conducted for freshers which included Find your coin, popping balloons, check your luck, cassettes match and many more.

#### **Academic year 2007-08:**

In the first semester of this academic year 15 sessions were conducted which involved delivering lectures and seminars by experts on ethical hacking, nano technologies and followed by department association activities. The first

semester witnessed the companies such as Cognizant Technology solutions visiting the college to address the students about their company and placements. Many quizzes and group discussions were conducted. There were 8 sessions in second semester. Many seminars and lectures were delivered on topics like Application software in U.S. Industry, Data Mining and about entrepreneurship.

### **Academic year 2009-10:**

In this academic year 4 sessions were conducted. The first session involved electing the FOCUS executive body members. Dr G Rama Krishna, Head CSE Division asked the students to take up social, cultural activities also along with academic activities by participating in the focus activity. The executive body members introduced themselves to the juniors. Prof.M.S.R Prasad,Head of the C.S.E department addressed the juniors and gave a valuable speech regarding the importance of extra curricular activities. The last session of this academic year witnessed the 3rd years bidding a farewell to 4th years.

### **Academic year 2010-11:**

There were four sessions. FOCUS inauguration video was displayed to the students, followed by H.O.D.Prof.S.Venkateswarlu's speech, which was inspirational and thought provoking. Dr.G.Ramakrishna gave another inspirational speech, where he mentioned the importance of FOCUS sessions and the need to participate in them actively. A technical news on "New trends in Processors. A seminar on I.P.Spoofing was delivered by A. Bharathi (Y8CS206). A powerpoint presentation "Microsoft my dream company" was presented by A.Praveen(Y8CS204).

### **Academic year 2011-12:**

A new body of FOCUS was introduced by C. Naveen Reddy (Y8CS225), President of FOCUS for year 2011-12. On the Occasion of Teacher's Day cake cutting was done by Prof. S. Venkateswarlu,H.O.D of CSE. He blessed the students for future run in their life. His session was made lively by the skit, performed by Sandilya(09100375), Pavan Kumar Varma, Shreeram Sai Kartheek,K.B.V Dinesh, Sri Harsha and their group. Their performance got a huge response from audience. Students honoured faculty in the form of mementos and flowers.

### **Academic year 2012-13:**

The session was started with a prayer song by G.Manjuvani (10100628). It was further

of FOCUS D. Yogeswar Reddy(10100654). On preceded by a welcome note given by the vice-president the occasion of teacher's day homage was paid to Dr.Sravepalli Radha Krishna, as some of the faculty lightened the lamps. Later, Sravya M (09100567) delivered a speech which showered adoration and respect to all the teachers

### **Academic year 2014-15:**

In the academic year 2014-15 FOCUS transitioned into a new style of event organising. It was decided to host the events by introducing new concepts and renaming the traditional event names. The first session was dedicated to select the new FOCUS executive body members. Then followed by, was the first ever Guruvedic with theme based hosting system on account of Teacher's Day gracing the dias were many dignitaries including the Head Of Department Dr. Srikanth. Many cultural events were conducted with a small game conducted to reinvent the childhood day fun of teachers in which the participants were our lecturers. This year also witnessed the hosting of the first ever National Level Programming Fest named as IGNITE in the history of K. L. University. Other important events such as Quizomania'14, CV importance, self analysis, C-Cube, Project Expo and Engineer's Day were also conducted.

### **4.CONSTITUENTS OF OUR DEPARTMENT**

The department maintains the required number of faculty as per the norms stipulated by the statutory bodies. The faculty is a perfect blend of Academicians and Industry professionals having different specializations in Computer Science and Engineering to impart their expertise through diversified courses such as B.Tech and BCA programs.

The department offers Post graduate programs in M.Tech with specialization in Computer Science and Engineering, Computer Networks and security, Cloud Computing, Computational Intelligence and Cyber Security & Digital Forensics .The department offers Doctoral program (Ph.D) in all major areas of computer science and Engineering. For the last few academic years 100% placement has been achieved for the students and the target is well in progress during present academic year also.

Our Professors have been recognized as Research supervisors by various Universities in India. Active research is going on in the fields of Data Mining and Networking. The focus areas of the Department for R&D activities

identified are Software Engineering, Data Mining, Networking and Client Server Technology, Cryptography & Network Security, High Performance Computing and Embedded systems.

### **COMPUTER CENTER-INFRASTRUCTURE:**

The department Computer center is equipped with Xeon Servers, 500 Desktops connected through Ethernet. Peripherals like Printers including Laser Printer, Scanner, DVD Writer, and Web Cameras are available. Internet connectivity is available with a high processing speed. The Department continuously upgrades all laboratories with the state-of-art equipment & Software.

A State-of-the-Art Data center with advanced servers provides highly interactive learning environment with full-fledged hardware and software training facilities.

### **HARDWARE:**

A high end stream of servers provides various services.

### **COMPUTER NETWORKING:**

Campus wide network has been established with hi speed fiber optic back bone.

- 800 Mbps Internet connectivity with multiple ISPs
- Round the clock Internet connectivity.
- Total Wi-Fi (AC/B/G/N) enabled campus.
- E-learning facilities
- 2759 computers are installed in various computer centers across the university which are open from 7AM - 10PM. Also every student and faculty has their own laptop with fully loaded software.

### **PHD AWARDEES In 2016:**

(1)Bobba Veeramallu,(10303014)Research Scholar, Koneru Lakshmaiah Education Foundation (KLUniversity),was awarded Doctor of Philosophy (Ph.D.) for the thesis titled "The Security of Constant Cipher Text policy-Attribute Based Encryption using pattern based Algorithm", under the guidance of Dr.K.Rajasekhara Rao, Research Guide, in Computer Science and Engineering.

(2)K.V.D.Kiran,Associate Professor was awarded Doctor of Philosophy (Ph.D.) in Computer Science and Engineering by ANU for the thesis titled

"An Amalgam Miniature to risk computation for information security" under the guidance of Dr.L.S.S.Reddy , Vice Chancellor,K.L.University

(3) 10303010 Devarakonda Aruna Kumari 2 0 0 9  
2010, 13.06.2014 Privacy Preserving Data Mining.

### **INFRASTRUCTURE:**

- ☒ Department Library
- ☒ ERP Login
- ☒ Industry Collaboration Labs.
- ☒ Academic Labs.
- ☒ Software's Available.
- ☒ Data Centre.

### **EVENTS:**

- ☒ IGNITE.
- ☒ SAMYAK.
- ☒ NEMISIS.
- ☒ CEA Activates.
- ☒ Webinar.
- ☒ FOCUS Activities.

### **FACULTY:**

Our department takes pride in our large group of faculties. Every individual here takes full responsibility to deliver an effective lecture in a session. Our faculties are also provided from time to time training sessions on various topics in order to improvise their teaching standards and cope up with the latest developments outside. Every faculty here takes every single student as his own responsibility and puts in utmost effort to make learning in the university an interesting place.

### **STUDENT PROGRESSION:**

- ☒ Placements.
- ☒ Higher Studies.
- ☒ Term Papers.
- ☒ Sports Achievements.
- ☒ Practice School.
- ☒ Alumni.

### **ACADEMICS:**

- ☒ Academic Programs
- ☒ Academic Calender
- ☒ B.Tech CSE
- ☒ M.Tech CSE
- ☒ M.Tech CNS
- ☒ M.Tech CC
- ☒ M.Tech CI
- ☒ M.Tech CSDF
- ☒ Certificate Course
- ☒ Collaborations

### **Software Engineering Associates Club (S.E.A):**

The motivating words and counsel of the honourable President Mr.Koneru Satyanarayana

and VicePresident, Mr.Koneru Raja Harin, (KLEF) to support distinctive understudy and research clubs in the university paved path to the development of Software Engineering Associates Club which is the mind offspring of Dr.K.Subrahmanyam,fomer head of Software Engineering Research Group and is now being headed by DR.V CHANDRA PRAKASH. S.E.A is a student's club where one will have freedom and support to transform ideas to real time applications. It is house of many student projects

Theme :S-Spirited , E-Erudite , A-Aspirants.

### A Panorama:

SEA Club is an association that is committed towards the development of new strategies in software engineering. The club's chief objective is to build a firm bridge among the regular academics, Research & Development towards the Industrial arena. In order to achieve this and to redefine the dimensions in software development, SEA club always strives to inculcate awareness, passion and innovation among students. Futuristic projects, Interactive sessions, elucidating Presentations, Aspiring Social activities involved in the club help the students, faculty as well as research scholars to excel in the respective areas of interest and to establish an effective collaboration with the society outside. Team spirit is also one of the key strengths of the association where all the members co-function to produce effective results.Organised approach towards the accomplishment of these tasks is an essential factor here.Wings of SEA CLUB which are heading to higher notches fulfilling the aims of club.

### Projects by Web Development Wing:

1. S.E.A club website headed by K Vineeth and team.
2. Web based project on Recommendations of online product purchase by K. Ramya.
3. Designed websites for few non-profit organizations.
4. Working on dynamic web applications.

### Application Development Wings:

1. Application on tutorials on C programming language by G. Siva Prakesh .
2. Application on time table by G. SivaPrakash and B. Susmitha along with team.

Research and Development Wing:skininput technology

This wing provides a platform for students to work on publishing research papers. Out of the regular activities of club, 'K Ramya' a member of club presented a paper on SKINPUT TECHNOLOGIES at Gudlavalleru Engineering College and secured second place; 'Ch Sai Lavanya' , member of club presented a paper on PROCESS MODELS. Apart from this, other activities include conducting a guest lecture on SOFTWARE REFACTORING and working on patent oriented real time project.

### Workshop Wing:

This wing builds a bridge between ideas and implementation.Organized a workshop on dynamic application development in collaboration with GDG(Google Development Group ) in GDG DevFest 2k15.Others include a workshop on know your PC.

### Publicity Wing:

This wing is trying its best in promoting all the wing activities to create interest in students about the club. Apart from that this wing helps the students to overcome the fear of speaking to a gathering and helps in improving communication skills.

### Social Aspects Wing:

This wing provides a platform for service to help the society by many social activities.Some of the activities include technical awareness program at 'Amigos School' and career guidance program at Govt. Jr college, Mangalagiri.This wing tries to plant the seeds of social responsibility in the hearts of citizens of INDIA.

## 5.OUR NOVICES SUPERFLUOUS CURRICULAR GEAR :

Apart of the technical excellence of our students there are also many activities that are being exhibited. Here is the sorting of the magical talent that our computer science students possess !!!

Have a look !!!

1.“STAY CALM AND QUILL ON “



## 2. 1. A Dream In The Womb

All I did in my mother's womb  
Was to dream and dream.  
And every time I had a new dream,  
I kicked, that made my excited mother to scream.  
I dreamt about many things in the world,  
About falling waters, blooming flowers,  
Deep blue seas, band of colours,  
And almost everything I heard of.  
Needless to tell, I dreamt  
About my loving mother  
Thought I could only feel her  
I was sure that she would lead me to all that I  
dreamt.  
After taking birth, I saw everything I dreamt,  
Except my mother because she died the moment  
I was born.

## 2.2. After all I am just a 'Human'

I can share love,  
But I can even hate.  
Please don't ask why or how,  
After all I am just a human.  
I can create new,  
At the same time I destroy.  
Please don't ask why or how,  
After all I am just a human.  
I can give life,  
But I do kill.  
Please don't ask why or how,  
After all I am just a human.  
I do have brain,  
But sometimes I fail to think.  
Please don't ask why or how,  
After all I am just a human.  
But if you dare to ask then my answer is I am just  
a human who loves money more than himself.

## 2.3. I hated to go to School

I hated to go to school,  
Because of my principal.  
For me he was a rebel,  
And I thought he was a fool.  
'Discipline' he cried,  
As I didn't hear,  
Nothing went to my ear.  
To change me hard he tried.  
But nothing worked.

One day he left,  
How happy I felt!  
A party was also planned.  
But throughout my school life I hated to  
go to school,  
Because of my principal since I missed  
him a lot.

- C.Sreeja (13003107)

## 3.POETRY

"Have a love marriage if you find a right per  
son, but he should be of our religio-caste."  
her father said. That's how her love story  
came to an end.

New year...boring.  
Birthday....boring.  
Thanksgiving.... boring.  
Christmas...boring.

The moment he made her smile....best day  
ever.

"Become whatever you want to in life." they  
said when he was 8yrs old.

"You MUST join engineering." they said  
when he turned 18yrs old.

The day his sister got married,  
He felt like he is missing a part of his heart.  
No one knows what he is going through  
inside

because ,he is always smiling.

"You must be so lucky for being the only  
child, right?"

"Yeah, you really have no idea how lucky  
Iam"

he said with a fading smile.

Little the other person knew that he used to  
have a sibling.

Death is never an answer.

It is a full stop on an empty page.

Rules were made because,

Someone somewhere is enjoying FREEDOM.  
The only mistake he did, 'being a nice person.'  
He really respects her."Stop overacting." She  
said.

I'm gonna donate 10% of my salary to the poor"  
he said confidently at an interview.

10mins later , he Didn't even donate 1 rupee at  
a traffic signal.

- Sankeeth P (13003139)

#### 4.“Photography is an art of saving our minds eye”



- KV Harshith (13003394)

#### 5. OBSTACLE OR AN ILLUSION

FEAR.....It is not just a word, but something that darkens our mind, that makes people down in every aspect of their life and removes flavors from ones life. But this is much more dangerous than “little boy” and “fat man” that destroys one’s life. Obviously this time its origin is neither from U.S nor from any devastating minds. Where do you think its origin is from?

Yes, I think you might have guessed its root and obviously the origin is from “OUR MIND”. Yes it takes its birth from its parents obviously which are parts of our brain i.e.

1) Negative mindset

2) Failure

Fear grows in us like a creeper which feeds on the circumstances and experiences that we face in our journey of life.as It gets older it multiplies like a virus which finally gets its hold on the whole brain.so now I have a question.IS FEAR AN OBSTACLE for our growth or an ILLUSION that we see?

As we have seen that its root i.e. failure is something which is most common than success in our lives. Most of them hates this word but try to think whether it has taught you some

thing in your journey or is it just a chip of a dustbin? I think everyone will learn something only if they try to do something regardless of failure or success at the end. In most of the cases obviously failure wins, but it wins to teach us something. It tries to make us analyze our approach to reach our goal may be to execute much more effective approach next time.

I hope everyone loves to love in this world but just try to love your failure at least once because it is trying to teach you something. It is not trying to put an end to your efforts, but making you to choose a different path of approach. Yes, love your failure and bad experiences because they try to make you a better person.

So here comes its partner i.e. the negative mindset which takes its origin after a failure. Yes we have an option to choose after a failure i.e. either the positive thought or a negative thought. We do know that we shouldn’t choose the 2nd option because at the end it brings nothing except FEAR. If we start choosing the positive way of approach you will obviously will fall in love with your failure.

So now we can answer our question whether fear is an obstacle or an illusion. Yes obviously it's an illusion that we create through our negative mindset because of failure that we experience so we should destroy it in every part and work that we do in our lives. Destroying the fear will destroy the illusion and destroying the illusion will destroy failure. Here comes the secret of success i.e.

DESTROY FEAR.....!!!!!!

- RohithRaga (14003125)

#### 6. Quilling



- Nishitha.M (14003753)

## 7.“ON A SPECIAL DAY”



- C.Dhanalakshmianusha (150030170)

## 8.Quilling



- M.Mohanapriyanka (13003111)

## 9. STAY CONNECTED

Mother is flying a kite. Her son is watching her carefully. After some time son says "mom, because of the string the kite is not able to go any further height. "Hearing this, the mother smiles and breaks the string. The kite goes higher and then shortly after that, it comes and falls on the ground. The child is very dejected and sad.

The mother sits next to him and calmly explains: "Son, in the life we reach a certain level and then we feel that there are certain things that are not letting us grow any further like home, family, culture etc., We feel we want to be free from those strings which we believe are stopping us from going higher. But, remember son, that our home, family, friends and culture are the things that help us to stay stable at high heights. If we try to break away from those strings, our condition will be similar to the kite. We will fall down soon.....

Here we are kites and strings are home, family, friends, culture.

Don't forget all the strings and also don't forget that you cannot develop without all the strings. The moral of the story is:

"Never go away from home, culture, family and relationships, as they help to keep us stable while we are flying[developing] high.

Life is beautiful.

Stay connected.....!!!!!!

Thank you all my family mates, friends and my culture who helped me to fly high as possible up to now.

My mother is the inspiration to write this story, because she says how to live, how to study, how to behave with others, and so many things.

I thank my mother for giving me this much of inspiration.

- V.Saikushwanth (150030952)

## 10. MY LIFE

My parents gave everything what I want,  
But never asked what they want;  
So, it is my duty to fulfill their wants,  
Without sacrificing my own wants;  
My dream is beyond the sky,  
Which makes me to cry;  
But my brother questions me why,  
And always makes me to  
I am good at doing some arts,  
And one art is to hurt the hearts;  
Even though they encourage my arts,  
And treat me as a part of their hearts;  
My friends know that,  
I am one who makes fun;  
But they don't know that,  
I am none when they run;  
I know that everything has an end ,  
But I hope my end never makes your smile end..  
Something in my # heart presented as poem ..  
hope u like it..

- Pavan Meduri -14003261

## 11. HIGHER THAN JUST HEELS!

My hectic university schedule left me completely drained. Taking the much-needed break, I lay in mother's tender lap skimming through the news. The recent news of the appointment of the first woman Director-General in the Defence Research and Development Organisation (DRDO), India was another feather to the cap of achievements that women are making these days. As mother ever-patiently heeded to my drivel, I went on blabbering how an increasing number of women are successfully making their mark these days, whereas before, owing to the lack of formal education, women lacked dexterity. As mother shook of her head in the denial, I was left ruminating.

All the while, I was simultaneously pondering over my professors' advice to possess a technical instinct stating that "Engineering is the foundation of civilisation. Even the minutest phenomena is backed by Engineering. The quality of a true Engineer is to pinpoint the same." Only after deep retrospection did the word "Eureka!" surge out of my mouth, from my newfound contemplation.

We are well aware of the immense pain borne by a woman during childbirth from time immemorial. Now we have erudite healthcare modus operandi (like the C-section). But that was not the case earlier. Child deliveries happened naturally, without any male interference. Right from the caretakers to the midwives to the physicians, only women took care of everything. They were well familiar with the required paraphernalia. Was that indirectly not Bio-Engineering?

Hence, women's technical skills have been put to test during the most crucial stage of womanhood itself, that is, when attaining motherhood. It does not stop here, though. Recall the times when mothers tied long cloths to (preferably their sarees, in India) to two poles to create cloth-cradles for their babies. The kind of cloth to use, how to tie to keep strong without tearing so that the baby stays safe in it relates to 'strength of materials'. Ever wondered? In homes, everything related to clothes (stitching, laundry, etc.) was all taken care of by the women only. All that again comes under 'textile engineering', doesn't it?

Let us not forget the most important aspect, viz. cooking. Our ancestors were in better health than us, thanks to their lifestyles. We indulgence in fast foods (at outlets like McDonalds,

KFC, etc.) to treat our taste buds. Back in those days, meals were both healthy and tasty; a perfect equation for an ideal feast! The greatness lay in the beautiful hands preparing those appetising delicacies. After all, culinary arts come under science too!

I had suffered much due to excessive palm sweating, that I struggled to even hold on to a pen for long. The many qualified doctors that I had consulted could not offer me a solution. Despite being an illiterate, it was my great-grandmother, who suggested me the perfect cure (homemade). Indeed, the remedies that the elderly allude, make us realise the vast amount of knowledge those people possessed.

After all, being a homemakers sums up to being an engineer-cum-scientist.

Due to their docile nature, women had earlier subsided to male chauvinism. Hence their flair went obscured over the ages. However, there were women who dared to break out of the shackles of machismo and successfully established their own identity. We know the likes of Madame Marie Curie, Sudha Murthy, J Nirmala, Kalpana Chawla, etc. as a few of the successful engineers and scientists. But there are many more talented women who are credited under some amazing innovations. A simple web search gives so many details.

I was astonished to know that the Coston Flares, used by the US Navy was invented by Martha Coston, way back in the 19th century (patented in 1859). Her desperate times had called for some creative thinking, as she financially struggled to feed her four children after being widowed.

Whenever driving through a downpour, I now give a nod to Mary Anderson- the reason for the windscreen wiper on our cars. Her idea was simple: a rubber blade attached to a spring loaded arm which would sweep across the wind screen to clear rain, snow and dust. Despite the initial resistance she had, we all use it today. And then, Hedy Lamarr (1930-40s silverscreen star) can be revered as an angel for discovering Wi-Fi that we all drool over. Although undoubtedly the 'beauty with brains', her contraption was not appreciated back then, as is now.

Behold that Indian women are no way inferior. At a time when women were regarded as ornaments of society and were confined to the four-walls of their houses, some women successfully broke stereotypes to pursue a

career in science . Padma Shri(1957) recipient JanakiAmmal, a botanist was then the Director General of the Botanical Survey of India. Asima Chatterjee, greatly reputed for her contributions to organic chemistry and phytomedicine was the first woman to be named a Doctor of Science by an Indian university. Dr Aditi Pant, an oceanographer was the first Indian woman to have visited Antarctica as part of the Indian expenditure; going on to win the Antarctica award along with her colleagues. Founder of the Gene Campaign in India, Padma Shri recipient,

Dr Suman Sahai is also worth mentioning for forcing the Government to take notice of the impact on farmers due to genetically modified crops.

The list just continues. We may be ignorant of the many marvels, but femininity is not restricted to looks alone. Women too, have created a niche of their own in the male-dominated areas. Yet in 2015, despite the ever-increasing number of female graduates, statistics say that Engineering still remains a male-dominated domain.

Women were, are, and always will be inborn Engineers. The degrees are merely written proofs of skills. Delay only lies in realising true potentials. Myself a female, I conclude by pledging to blaze a glamorous trail through the 'Engineering World', and carry forward the wonderful legacy set. My tribute to my womanhood!

- Lingampalli Amrutha (14003361)

## 12.1 I'M NOT A MOTHER

"Will she accept me?" Preeti asked for the umpteenth time holding Rahul's hand tightly as they entered his house.

"She is my mom. She will take you more than anything and with more love than I can give. Just relax and trust me, I'll handle it" he said and stood before his mom.

"Mom, we have been in love for the last three years and she loves me just as you do. She smiles, when I smile. She cries, when I cry. She always tries to keep me pumped and takes little appreciation and more blame, just as you mom. We hmm... we want to marry, will you accept her to be my wife?" he said with his voice trembling but the truth never slipped off his tongue ,though he tried hard so, Preeti decided to take the matter into her hands, when she saw a little smile on his mom's face.

"Aunty,I love your son and will always do whatever so to make him happy but... but, I cannot make him a father " Preeti said bursting into tears. He felt a little water drop crossing his eye. There was a pin drop silent for a moment.

"Give us a moment,I want to talk to her" Rahul's mom said and he felt it would be better not to interfere and moved out of the room giving the ladies the privacy to talk.

"Why are you crying,dear? just because you cannot become a mother ?" motherhood doesn't mean giving birth to a child. But ,it is taking the full responsibility of your husband as a child and I can see that love in your eyes. I will tell you something, a secret between you and me- " Rahul was two years old, when we adopted him and he never knew. He knows only how much his mom loves him and how caring his father is. A true love doesn't need a blood relation, colour, gender or age. What matters the most is the honesty and loyalty to depict it" she said and took Preeti's face into her hands,"You are the best wife ,I can ever find to my son" and kissed her on the forehead,wiping the tears off her face.

"A mother is a resemblance of god and so,every women. She is the unsung pioneer of man kind. She is the seed of truth, a tree of sacrifice and roots of love,which can never be given back.Respect every women as you do for your mother or your sister.Love them,respect them."

## 12.2 One Chance

Hi,  
I just want to tell you something that you really need to know  
I realized that I made some mistakes  
And that sometimes I make you mad,  
we fight for no reasons,all the times...  
but you still know that I'm always here for you  
And I'm still fighting for us,  
because you are worth it.  
I still remember the first time you saw me and  
smile,  
and that's a moment to cherish for ages  
I love spending time with you,  
I love every single moment we shared,  
You are the reason,why I smile everyday  
I just want to be by your side,for the rest of my life...  
But relationships aren't perfect  
please don't give up on us,  
give us a chance and we will get through it.  
I don't care about your past,  
because I want to be your present

And your future.....

Just one chance and I promise you that I will make all the love stories jealous of you.

### 12.3.Proposal

Girl (on phone, to her Long Distance Boy friend)- "Although we don't believe in such things, but today is 'Proposal Day' and even after 3 years of being together, you haven't formally proposed to me. Do that now, and be creative."

Guy (after thinking for sometime)- "Milady, I propose to you the following-

Although we can't be together for a few more years but,

4 years from now, would you share a home with me?

5 years from now, would you cook me chicken at 3 AM when I have those late night cravings?

6 years from now, would you pick me up from office late at night when my car breaks down? now, would you let me decide the

color scheme of our child's room?

10 years from now, would you please take care of the kid at night even when it's my turn, but I am too tired?"

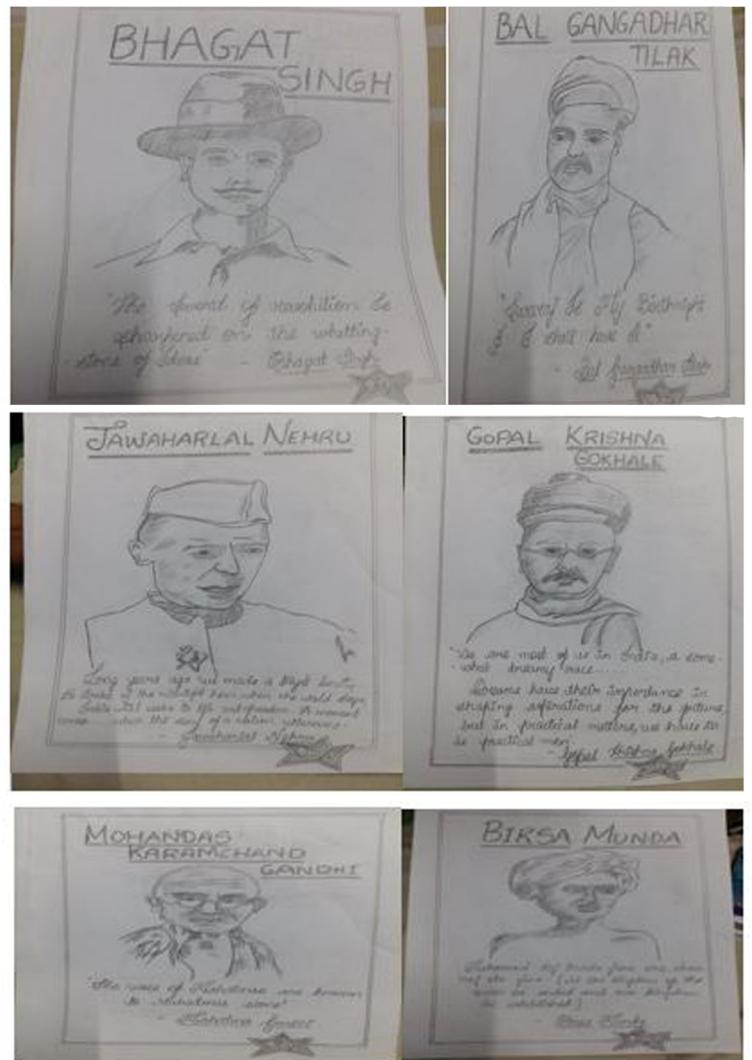
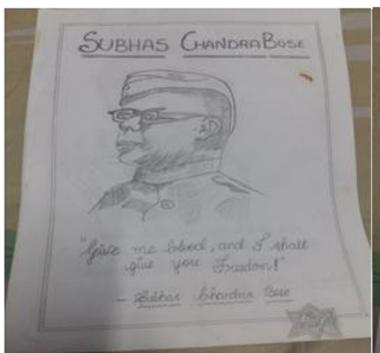
11 years from now, would you let me help our kid with potty training? You can trust me, I'll be really good at it."

Girl (Smiling with a hint of tears in her eyes)

Guy- "I know it's difficult. Quite difficult. But, 60 Years from now, would you still kiss me as you do now?

- AjaykumarGattu (14003355)

### 13.“OUR FREEDOM FIGHTERS”



- D.Divya (14003052)

### 14."TEACHER....."

A word student thinks a bit tensed about. Only at some times.....

When teacher give us surprise tests

-we find them annoying.

When teacher overload us with homework

-we feel it so irritating.

When teacher use complicated jargon

-we find studies a bit too boring.

When teacher give us deadlines

-we find them a bit too overwhelming.

But we too know your efforts and dedication , to our education.

Your passion ,liberation,kindness and warm feelings.

You guide and protect us under your wings.

When we dont have belief in our self you are with us to say "U can do it and there's nothing out reach of my Students".

You work tirelessly to make us our way clear . for making us our career plans and set goal in life.

At the end of the day, teachers do understand. It takes both tools and love, For our young minds to expand.

THANK YOU TEACHERS... FOR BEING WITH US GIVING US SUCH A BEAUTIFUL CAREER.

- B.Rohitha (14003140)

## 16.TRUE MEANING OF 'BE YOURSELF'

### 15. MY DRAWINGS



- Ch.Ravalika (13003077)

I always hear a word in fact a phrase "BE YOURSELF" whenever I listen to a motivational speech. I always wonder what BE YOUR SELF is, what it wants to convey. I wanted to learn what it meant.

Our true self is who we really are when we let go of all of the stories, labels, and judgments that we have placed upon ourselves. It is who we naturally are without the masks and pretentiousness. Your self has got many characteristics inherited from your country, your culture, and the moral values and principles. They determine your charm. Don't let go your 'self' just because you changed your country, or those values are old. Time may change,

Traditions may change, but values don't. So don't change your principles. Always be what you are. Know your strengths and weakness and start working with them. When someone has achieved wealth by wrong means, don't try to compare yourself with him and start adapting his way. Remember, he has achieved wealth, not success. Success do not have shortcuts, you have to work hard in a justified way. To achieve wealth or fame, don't give up your values. That is what meant by 'BE YOURSELF'

I was fascinated. A single phrase explained the entire truth in the way to achieve success. But I never thought that this phrase could change the entire flavor when it is viewed in a different perspective. I saw many people who looked this phrase in a different way. According to them this very phrase meant " Don't change ". Many of them think that they should not change just because of the situations they are in or the people they are surrounded by. Yes, here lies the point.

Consider a situation. You are a poor child living in a small village. You have only one meal per day. You never slept on a soft and fluffy mattress. When you were a kid, you were playful and elated. But as the time is passing, you have been facing more and more and your life is getting more difficult. One day someone has motivated you that you can change your life if you are determined to do it. Don't you change your attitude of being playful? Do you say that you don't want to lose your attitude and want to be yourself?

Consider another situation. You have a friend. She cares you a lot. Helps you whenever you are

in trouble, in fact she never lets you into trouble. Even you trust her more than anyone. But you never cared for her. She never felt bad and she continued to be the same. But this thing always pricked her. One day she dared to tell this to you. So she asked you if you ever cared for her and she is hurt because of your attitude. Don't you change your attitude? Do you still say that you want to be yourself? Answer yourself to the questions in both the situations. You will understand the true sense of it. If your answer is still 'NO', who is going to be the loser?? My father always tells me, "When you are in bad situation, try to make them better. Don't worsen them still". So make decisions upon the situations. Be yourself never meant that you should worsen your lives by being rigid. SO understand the true sense of phrases. Don't interpret their meanings.

-Sowmya Surampalli (14003165)

### 17. Vanapala Mounika- Ex-FOCUS Secretary- Her Experience

Hello everyone,  
It has been four years when I joined KLU. During my first day at college I don't even know a single person. But when a day came to spend my last day in the college, I was surrounded with so many friends and lots of memories. When I want to share my experience with the college I can say it as two parts. The first part is before joining FOCUS and the second one is being into FOCUS. Before joining FOCUS I had the fear of speaking to new persons, deliver seminars in front of many people and had the nervousness about my future. But after joining into FOCUS I was completely changed. All the days I had spent during my FOCUS term were filled with joy and fun. I have found many new friends who have supported in all the situations, learnt new things and developed self confidence. We can get a chance to showcase our talent in many activities. The different events that we organize truly improve our management and verbal skills as well as technical skills. We can really experience the work environment where team work, individual responsibility and time management matters. The experience that I had with FOCUS has helped me a lot to attain a job. We can communicate easily and express ourselves without any fear during the interviews. I can simply say that FOCUS is a good platform for the students which inspires, teaches many lessons, makes you comfortable in all the aspects and guides to reach your goal. Thanks to all my faculty and FOCUS team who have supported and

assisted to achieve success in my life.

### 18. Essence of Engineering

Hello everyone..

Introducing myself.. I am Roop kanth Kurra from Tenali studying B.tech III year CSE branch. Friends I was not an experienced writer and this was my first essay. Please don't mind if there was any over expression of feeling or grammatical & spelling mistakes or emphasizing an unimportant point. Please try to grasp the feeling that was intended to convey.

There was a familiar sentence that I often hear around that "only persons who were left with failures in life will speak philosophies". But points in this essay were not philosophies instead they were some instances, thoughts and experiences which I ever wanted to share with everybody. These may be helpful for our successful careers.

Many of us start to dream about our career from our higher secondary schooling i.e from 9th or 10th classes.. Because that was the actual age at which we come into contact with real world. It was the age at which we start thinking on our own, we will start attempting new habits and every thing. After 10th many people will take intermediate and by luck or misluck they will complete it. Then arrives the new gateway to their lives.. listening (or ) feeling passionate (or) for the sake of degree (or) our parents... many of them will choose a stream called Engineering like many of us did.. Actually I was very Passionate about this word since I started listening this word.. because my cousin when I was in my childhood was very successful on choosing this stream and all my relatives and parents were very much happy with his achievement and everytime they used to show me and my elder cousins him as our rolemodel. So obviously we were motivated and took a strong decision that we must become very good engineers like him and earn good money and get praised by everyone like he is getting. Actually we didn't know the real movie behind engineering..

Anyway we got into it completely and were sunk almost. When I started my engineering I was completely with dissatisfaction and stepped in with a completely disturbed mind . Because I dreamt of some other place to get my engineering and I got into a different place. Who's

misprepared for the rest of the career. Then I realized that I was not in a place where I was abandoned to reach my goal and ofcourse it was a pretty place that helps me in reaching my goal.I started to love my college and it started to comfort me more.

Ok.Now what was the main part was..anything might be the reason we took this path and how many of us were really depended on it.I am saying this because amoung crores of students who choose engineering only few of them are completely depended on it i.e their further career was completely depended on their performance in engineering.My easy is not at all related to the people who had a different goal and doing this engineering for some other reason..like some of us are good at sports,some of us at singing and want to choose their career in that field,some want to move towards film industry,some people want to serve and administer people..but first they want to persue their degree and move towards their own goal of life.But for some of us only way to survive is studies.,they can't do any other thing except studying because they environment and the way hey had grown up gave that kind of mentality to them.They were not such type of guys who were rough and tuff and move very strongly with the situations.This essay is wholly for those kind of people ofcourse I was a part of them .So guys ,were we perfect or atleast good at what we are doing?Don't feel this as if it was a lecture or some moral being delivered.I was including myself to make you sure that I was a part of the people whom I am speaking about.

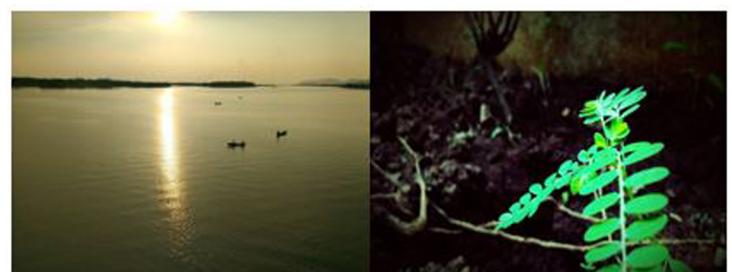
Many of us argue that marks are not the criteria for deciding a student's knowledge.Very true.But think once"Don't we have a responsibility of making our parents satisfy and creating a trust on us that we are studying well?"Because they were spending lot on us and just expecting good result and career.Actually marks reflect our knowledge ,may be our present day education is giving much preference to presentation of answer than the main point of answer that we wrote in our exam but if we are really perfect at something can't we present it with perfection and earn some good marks?Of course we can but we are somewhat less bothered about marks.Frankly I really agree the the point that marks don't decide our career but atleast by oneday batting or something we should get some satisfactory marks and make our parents happy.Don't think this is cheating our parents.I only said know how to present the

things and ofcourse you will get good marks. May be one night before exam is enough for knowing how to present the things but one night is not enough to learn the things.And in these two years of my journey in engineering I found many of my friends including me loosing interest in learning the things and getting the things completed on a rush at last minute like our mini projects and all.Ofcourse it was every student's attitude but try to inculcate the habit of learning everything you were doing like mini-project,assignment etc. .you may complete them and submit them later or at last minute but the main thing is learning.We should decide ourselves that we will never do a thing which we don't know so that we will know all the things and do them with complete knowledge.

Friends hoping that you all read these paragraphs completely and somewhat felt good on reading this. Actually I was not at all perfect in anything and now a days trying to shape my career in a good way. In the way I learned all these things and somewhat felt excited to share the things with all of you. Please don't feel as if I was such a boring guy who gives lectures to people like you. I was of same standard like you and I felt these word will make me and you boost your thoughts in a good way and help to our careers. A very good luck to u guys and wishing all the best to my seniors in their careers. Thanks a lot. Signing off .....

-Roopkanth K(14003768)

## 19.“PHOTGRAPHY IS THE STORY I FAIL TO PUT IN WORDS”





- B.Ravikanth-Photographs -13004061

## 20.“LET YOUR WORDS BE FEW, AND YOUR EXPOSURES MANY”



- HurshikPerumala& (150030720)

## 21. MY EXPERIENCES

Focus is a platform where one can grow up to be a true leader with values. It gives an opportunity for every cse student to rediscover himself by exhibiting his own talents in the right way. According to me, this is a place where one can work with passion and can also make good friends for life. Firstly and most importantly, my sincere and heartful thanks to our beloved HOD's of our term, Dr.V.Srikanth and Dr.K.Thirupathi Rao and Alternate HOD, Dr. V.Krishna Reddy and all the faculty members for extending their help in every possible way to organize various events and turn them successful. I specially thank Dr.M.S.R Prasad and Mrs. Ruth Ramya for encouraging us many a times.

Being proud to be a part of ‘Focus’, I’m also feeling very lucky to have worked with one of the best teams of the student body. Our team had always strived and worked together to bring out the latent talents of the students and got them recognised on the right platform. Every experience makes us grow better and my experiences being a focus member are priceless, for a fact that,

my work has also helped me during the interview of my job to be confident, honest and fearless. It’s said that, “For every minute spent organizing, an hour is earned”, and in a way I started believing in this saying after becoming a part of focus. Proving to be a different team in the league is not very important but undoubtedly we gave our best and had a unique style and equation among ourselves that made us run rings around others. I also specifically thank all my friends, juniors and sub juniors for their outstanding support and adulation all the while. Thanks a ton guys.

- VANDITHA.N (Y 12 BATCH)

## 22.1. LIFE KNOCKOUTS

### 1. Tremor off Your Glitches:

A man’s favorite donkey falls into a deep precipice; He can’t pull it out no matter how hard he tries; He therefore decides to bury it alive. Soil is poured onto the donkey from above. The donkey feels the load, shakes it off, and steps on it; More soil is poured. It shakes it off and steps up; The more the load was poured, the higher it rose; By noon, the donkey was grazing in green pastures. After much shaking off (of problems) And stepping up (learning from them), One will graze in GREEN PASTURES.

### 2. A Dish of Ice Cream:

In the days when an ice cream sundae cost much less, a 10 year old boy entered a hotel coffee shop and sat at a table. A waitress put a glass of water in front of him.

“How much is an ice cream sundae?”

“50 cents,” replied the waitress.

The little boy pulled his hand out of his pocket and studied a number of coins in it.

“How much is a dish of plain ice cream?” he inquired. Some people were now waiting for a table and the waitress was a bit impatient.

“35 cents,” she said brusquely.

The little boy again counted the coins. “I’ll have the plain ice cream,” he said.

The waitress brought the ice cream, put the bill on the table and walked away. The boy finished the ice cream, paid the cashier and departed. When the waitress came back, she began wiping down the table and then swallowed hard at what she saw.

## 22.2. USE THINGS - & LOVE PEOPLE

One day Father and his 5 year old Son were spending time in their home garden. Father was doing his Gardening work and Mending some old Machine-Driven Gear placed unused in the garden and his son was playing in the garden. Suddenly, Father noticed that his Son was scribbling something on the Car with a pebble in his hand and his father got so angry and couldn't control himself and hit him with the hammer in his hand. Few seconds later, he was out of anger and took his son to the hospital immediately. The Child lost all his Fingers of left hand. Father was very depressed and extremely culpability for his antagonism. After few weeks his son was discharged and they came home. The next day father had a meeting so he went near the car and was dazed and dumbfounded by seeing the lines on the car window

“ I LOVE YOU DAD “.

which was written by his 5 year old son few weeks back !!

Father committed suicide !

This was the first story that moved me deeply. i know this has become a famous line these days in movies and all social media but still i wanna emphasize on this statement again . Love People And Use Things, but in misperception we are Using People And Loving

Things !! Strange !!

-Ch.Sree Maanvi (13003043)

## 23.The Importance of Open Access, Open Source, and Open Standards for Libraries

### Introduction:

Open access, open source software, and open standards are three concepts that have been receiving increased attention lately in the library world. Open access is seen by some as a possible solution to the increasing price of serials and as a way for governmental funding agencies to receive a better return on investment. Open source software can benefit libraries by lowering initial and ongoing costs, eliminating vendor lock-in, and allowing for greater flexibility.

### Open Source

Open source software is software that includes

source code and is usually available at no charge. There are additional requirements besides the availability of source code that a program must meet before it is considered open source including: the software must be free to redistribute; derivative works must be allowed; the license can not discriminate against any persons; and the license cannot discriminate against any fields of endeavor. Software that is licensed under an open source license allows for a community of developers from around the world to improve the software by providing enhancements and bug fixes.

It is easier to evaluate open source software than proprietary software. Since open source software is typically freely available to download, librarians and systems administrators can install complete production-ready versions of software and evaluate competing packages. This can be done not only without any license fees, but also without having to stick to a vendor's trial period, evaluate a limited version of the software, or deal with the vendor's sales personnel. Standards make it possible to create interoperable systems to access the literature in various open access journals seamlessly.

Open standards and open source can help preserve long-term access to open access and other types of electronic journals. Libraries working together can use open source software such as LOCKSS to ensure continued access to these scholarly publications long into the future. LOCKSS (short for "Lots Of Copies Keeps Stuff Safe") is a system that caches copies of digital collections around the world. As current computers, software, storage media, file formats, and other types of information technology become obsolete, it will be necessary to migrate open access articles and other data to new systems. Without the assistance of the software manufacturer (who may or may not even still be in business, let alone willing to help) proprietary software and file formats may make migration practically impossible. By utilizing open source software and open standards from the beginning, libraries can assure that this type of systems migration will be possible years down the road.

### Conclusion:

These benefits of open access, open source, and open standards are numerous. The benefits include lower costs, great accessibility, and prospects for long-term preservation of scholarly works. Libraries should embrace all three of

these concepts now and in the future. By supporting open access, open source, and open standards libraries not only can help ensure that their current and future patrons will have easier and more comprehensive access to scholarly research, they will also be helping other libraries around the world, including those in disadvantaged areas, to have access to important scholarly research.

-Chaitanya Krishna Kasaraneni(14003195 )  
Srikar Kashyap Pulipaka (14003130 )

## 24. MY EXPERIENCES

Hello friends!

I'm quite happy and proud to share my experiences as a focus member. Memories that I made working with my team always bring a smile on my face. Focus was a field day that gave me confidence and strength to build and lead a wonderful team. Everyone in the team acquitted themselves well to achieve more together. Being a part of 'Focus' made me more confident and brave in dealing with various things, it also gave me an opportunity to meet different kinds of people and work with them in a way. I learnt that, every team player including me is equal when it comes to work. I was also able to make many good friends for life who stood by me at my tough times.

The knowledge I've acquired by participating in 'Focus' events has been helping me till today. I've become an outspoken person being able to communicate and convince different set of people. The qualities that I developed for myself being in Focus helped me to do well in my interviews, debates and seminars etc. I cordially thank HOD's of our term Dr.V Sri kanth and Dr. K Thirupathi-Rao, our Alternate HOD Dr. V Krishna Reddy and the faculty incharges Dr. M S R Prasad and Mrs.Ruth Ramya for supporting and inspiring us at every step. I also thank all the faculty members for motivating us all the time. FOCUS definitely has made me a better person at the end of the fourth year, teaching me a lot of things and letting me work with some of the best people around.

Thanks to everyone for supporting me.....

- Venkatesh Katragadda (Y 12 BATCH)

## 25.AND HERE WE GO WITH THE MOST REMARKABLE 15TH YEAR OF FOCUS ADVERT IN SHORT :

This year we gonna bystand the 15th Birthday of FOCUS ...!! Get Set Ready Golly gosh! Little did we realize how rapidly the ticking pendulum accelerated our jolly journey towards this remarkable juncture. Yes, we've already hit the magnificent milestone of 15 fantastic years and are still a long way to go.

Only by identifying and absorbing the beautiful beams of latent talents camouflaged deep inside each of the students, is the splendid spectra showcased; thus leaving one and all astounded. After all, that's what been constituted as our primary motto over all these years. Undeniably, it's our Forum of Computer's Upcoming Scholars, folks! Ever since its inception in 2001, it has always been on the forefront in FOCUSing the best of all the upcoming Computer Science Engineers at K L University. No matter whether you're a tech-geek, a cultural enthusiast, an event-freak, a passionate artist or a plain grammar-Nazi; you're sure to get the right platform to exhibit all your capabilities. So come on board and fasten your seat belts to join the over-abundantly frolic roller coaster ride that guarantees you the time of your life.

Ready!

Set!

FOCUS!

- FOCUS TEAM -2015

## 6. OUR STRENGTH



# IGNITE 2k16

IGNITE '16 is the technical fest organized by department of Computer Science and Engineering of KLUniversity to showcase the inner abilities of students in different areas. As part of this fest, many technical as well as cultural events are held in order to enhance the technical, managerial as well as social outlook of a student. As the fest name 'IGNITE' itself suggests, the main motto of this fest is intended to start a spark in the minds of the students with which they can explore their creative, technical and innovative potential to the maximum extent possible. This fest is an attempt to strengthen the unity of student-community by giving students a platform to bring out their inner qualities such as organizers, coordinators and also help them to develop their interpersonal skills. Students are given a chance to convert their imagination and theories into real and tangible talent and showcase it in the various competitions, rekindling their passion. The fest comprises of different events such as Workshop's, and Coding Competitions, as well as cultural programs which help the students to learn something new in their respective academic areas. Disparate to other regular fest's IGNITE'16 is going to inculcate and explore coding skills from the future technocrats. 'IGNITE' 16 also includes numerous spot events that ensure both fun and learning. It also has a lot to offer individually as it inculcates the essence of teamwork, competitive spirit and above all being a technocrat



## 7.FOCUS CORE TEAM 2016-17

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