



## Aurora's Technological and Research Institute

# TARANG NEWSLETTER

JULY - SEPTEMBER 2015

### VISION

To be a center of higher learning that can provide the best learning experience in engineering education and to be recognized as one of the best engineering colleges in India.

Workshop on  
**Rocketeers**  
ISRO

### MISSION

To provide excellent education in Engineering and Technology

To create environment for quality research and dissemination of knowledge

To develop entrepreneurship and managerial abilities through world-class engineering and management education



### Director's Message

By virtue of its nature, an engineering course equips the students with several highly desirable qualities and skills which make them employable. However, in the contemporary highly competitive scenario, specialized training in emerging technologies of all the major engineering disciplines based on the needs of the industry has become an essential co-curricular activity. Apart from this, students should be equipped with the requisite soft skills and interpersonal skills. Ultimate goal of the present time is to inculcate an attitude of professionalism in the students and infuse in them a desire to learn further. ATRI is committed to develop students into an all-round professional by providing avenues for co-curricular and extra-curricular activities and career counseling. The aim of the institution is to encourage curious and ambitious young minds by bringing them face-to-face with teaching and practical training of very high standards.

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**AURA 2K15**  
National Techno Cultural Fest  
9 - 10 October 2015

Students' visit to  
Cultural Fest  
OP Jindal University Delhi  
9 - 10 October 2015

Editor  
Dr. P. Bharathi

Layout and Design  
Ms. G. Sumalatha

## ● College Events



### “Snataka” Convocation 12-7-2015

Aurora strives to impart education along with moral values and ethics thus carving students into graduates. 'Snataka' is a tradition of Aurora to applaud the academic excellence of students. The Annual convocation extravaganza “Snataka'- Moments of Pride, for the 2011-2015 batch of graduating students in the Aurora group of Engineering colleges at Bhongir, Uppal, Bandlaguda, Ghatkesar, Hanamkonda and Gagilapur was conducted on a grand scale on 12<sup>th</sup> July 2015 at Shilpa Kala Vedika in Hyderabad. The chief guest of the programme Dr. Tadisina Kishen Kumar Reddy , Rector and Pro Vice-Chancellor of JNTUH addressed the students and encouraged them to concentrate on gaining knowledge and career growth. Other guests included Mr. V.S. N. Murthy , Vice-President, Tech Mahindra, Mr. J.M. Joshi, Vice-President P , US Tech Solutions INC, Mr. Rahul Pandit, Infobahn Softworld, Prof. MD. Iqbal Ali, Vice –Chancellor of Sathavahana University who appraised students about the developments and opportunities in the industries. The convocation address was delivered by , Mr. J.A. Choudary, Chairman ,Talent Sprint. Award of Gold medals and certificates of Excellence for the toppers in all branches of Engineering was the highlight of the programme along with presentation of award of degree . In the afternoon eminent telugu novelist Yandamuri Virendranath motivated the students with an inspiring speech on Personality development.



### Literary Club Inauguration 7-8-2015

In Aurora's Technological and Research Institute, the inauguration programme of college's literary club, "Intellectus Litteratura" was held in a simple and somber style in the seminar hall of the college. This day is of great importance as it coincides with the 74<sup>th</sup> death anniversary of the great pioneer and the first Asian to receive the Nobel Prize for Literature Sri Rabindranath Tagore. He was a Bengali poet, philosopher, artist, playwright, composer and novelist.



In the inauguration programme the chief guest **Mr. Adavi Surya, Co-founder of Yo! Grads** spoke about the importance of such clubs for students. Mrs. K. Lalitha, the Chief librarian spoke about the significance of reading and writing in our daily lives and how it has become obsolete nowadays. Mr. Poorna Chandra Rao, HoD Physics, addressed the crowd highlighting the importance of literature and how the students should indulge more and more in literary activities like this. Director felicitated the guests. Many competitions were also conducted on this day.

### Abhigna - Empowering with knowledge

#### Induction Programme 14-8-2015

The objective of the Induction programme is to welcome freshers into the portals of Aurora and to acquaint them with the academic and administrative aspects. An Induction Programme was organized on 14 August 2015 at RTC Kalabhavan, Hyderabad. Students, along with their parents attended the programme. Chief Guest Prof Subba Rangiah, Director Veda IIT, distinguished guest Justice B. Chandra Kumar and social activist Leela Lakshma Reddy motivated the students with their talk. This programme helped the new students understand the mission of the institute and their role as future Engineers in their successful journey of four years at ATRI.





### Independence Day 15-8-2015

On August 15, students and staff of ATRI celebrated the spirit of patriotic zeal by hoisting the national flag in the campus premises. It began with Flag hoisting by the Director, followed by the National Anthem and other patriotic songs. Independence Day speeches were delivered by the Director, students and faculty members. Sports prizes were distributed to the winners of the competitions held to commemorate Independence day. The NSS unit of ATRI arranged for a dance programme by school children from the Government school adopted by NSS unit of ATRI.



### Teachers day 5-9-2015

Teachers' Day marks the spirit of rededication to the noble profession. All the departments celebrated this event individually, where teachers shared their rich experiences with students. Students too hosted parties in their respective classes and paid glowing tributes to their teachers.



### Engineers day 15-9-2015

The birthday of Bharat Ratna Sir Mokshagundam Visveswararaiiah was celebrated on 15th September as Engineers' Day. Many events were organized on this day in all the departments. Seminars workshops and competitions were conducted. Students participated in all the events with lot of enthusiasm.

### Ganesh Puja 17-9-2015

A ganesh idol was installed at ATRI campus on 17<sup>th</sup> September. This festival was celebrated for seven days. Students and staff members participated in the puja conducted everyday with great devotion and offered prasadam. On the seventh day the Ganesh idol was taken in a procession for immersion. Students of all religions participated with great zeal and enthusiasm. This brings religious harmony among the students and they develop respect for the other religions.



### Freshers' Day 23-9-2015

Senior students organized Freshers' day to welcome the Juniors. Faculty members also attended the party. All the classrooms were decorated with festoons and balloons. Students conducted events like singing, dancing, ramp walk, introductions etc. Competitions for Mr. Fresher, Ms. Fresher, Ms. Attractive, Mr. Handsome were also conducted. Refreshments were given to all the participants. This event marks the beginning of a cheerful and warm interaction between seniors & juniors.

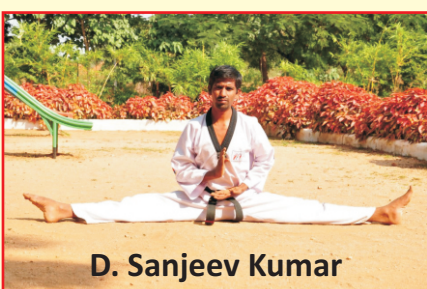


### Sports Events

On the occasion of the 67<sup>th</sup> Independence day Inter departmental sports competitions were conducted from 12<sup>th</sup> to 14<sup>th</sup> August 2015.



The events conducted were Chess, Carroms, Badminton, Volleyball and Football. Approximately 200 students participated and student coordinators conducted the events successfully. Prizes were given to the winners on the Independence day by the Director.



**D. Sanjeev Kumar**

Mr. D. Sanjeev Kumar an M.Tech student represented India in I South Asian Students Olympic games, held at Katmandu, Nepal. He won a gold medal in TAEKWONDO. His name also featured in the Guinness Book of world records in a group event.

## ● Extra Curricular Activities



### NSS UNIT ACTIVITIES

The NSS unit of ATRI headed by Mr. P. Venu Madhav, has many active members as volunteers and conducted various activities. The NSS Unit has adopted the Government School in Parvathapur as a part of the corporate responsibility and organized many programmes there.

The 67th Independence Day was celebrated by the NSS Unit at the Government school. The volunteers started the preparations a few days before. They conducted many activities and games for the children like Painting, Essay Writing, Frog Jumping, Sack Race, Kho-Kho, Running, Skipping etc., The winners in all these events were given prizes. The independence day celebrations started with the hoisting of flag by the Principal of the school followed by his speech. Some students also spoke on this occasion. ATRI NSS unit sponsored the certificates and trophies which were distributed to the winners.



### Achievement in NCC

Mr. N. R. Jeevan Sai attended a training camp of 10 days from 30<sup>th</sup> August to 8<sup>th</sup> September 2015 at Bison Polo Grounds, Paradise where they trained about 120 cadets, and selected 11 cadets, who would represent Secunderabad Group. This is a selection for VAYU SENA COMPETITION. The events for this competition are:

- 1) Drill
- 2) Tent Pitching (with in 10 minutes)
- 3) Firing
- 4) Line Area

Mr. N. R. Jeevan Sai was selected for firing and placed 3<sup>rd</sup> in this competition.



## Training and Placement Cell

The Placement Cell in ATRI College has been operational, with the dual objective of imparting preparatory coaching to students and coordinating with the industry to arrange campus selections. The cell trains the students to face the personal interviews successfully and supports in enhancing their interpersonal skills as well as communication skills. The cell is headed by a Training and Placement Officer (TPO), Mr. P. Vishnu, nominated by the Principal and supported by the departmental coordinators. This is a student-supported activity.

### 'Talent Sprint' CRT Programme

A pre assessment test was conducted for all the branches of IV year students by TALENT SPRINT on 31-08-2015 & 01-09-2015. A comprehensive Campus Recruitment Training Program was conducted from 3<sup>rd</sup> -18<sup>th</sup> September 2015 to prepare them for placements slated in October and December this year. Areas covered are Quantitative Aptitude, Communication skills, Mock Interviews and Group discussions. Training materials were provided to all the students. On 18<sup>th</sup> September a Post-assessment test was conducted for all the participants.



### Placement News

1. Sutherlandglobal Services-19<sup>TH</sup> September 2015- Tech support
2. Genpact-7<sup>TH</sup> October 2015 -Process Associate/ Technical Associate
3. NTT DATA - 10th October 2015 - Tech Support
4. Uxreactor - 16<sup>TH</sup> October 2015- Design Engineers
5. S & P Capital IQ-18<sup>th</sup> October 2015 –Business Transcripts
6. Amazon- 15<sup>TH</sup> December 2015 –Customer / Seller Support Associates.



## ● Department Events

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING & INFORMATION TECHNOLOGY

### IEEE Technical Symposium

The event "TECHNICAL SYMPOSIUM- AUG'15" was organised by the committee members of IEEE student branch on 8<sup>th</sup> of August, in the seminar hall of the main block of ATRI premises. The event commenced at 10:30 am and was wrapped up by 12:50 pm.

Director of ATRI, HoD of CSE and counsellor of IEEE branch of ATRI, Ms. M. Nirmala were received as guests for the event along with the guest speaker, Ms. Mousumi Ray. Faculty of ECE and CSE department also participated. Number of students present for the event was 106.



The objective of the event was to create an awareness in students that it is possible to choose a career in information security and to give a peek on career within such industry; also, to introduce IEEE and to encourage the students to join the organisation.

The inauguration of the symposium started at 10:30 AM with a prayer song rendered by P.Ravali and Anusha. Ms. C.Aparna, joint secretary IEEE gave a welcome speech. The guest speaker Ms.Mousumi Ray spoke a few words. The director of ATRI addressed the gathering and expressed her happiness on conducting such programmes in college. Student representatives of IEEE branch Mr. Nipun raju and Mr. Ravinder kumar gave a PowerPoint presentation.

Ms. Mousumi Ray presented her lecture in two parts. The first part was about Information Security and Business Continuing Planning. It consisted of details on how one should secure information to make a career out of it. The second part was about Disaster Recovery where some of the worst IT industry disasters were discussed. Y. Jaideep secretary IEEE rendered vote of thanks to conclude the programme.

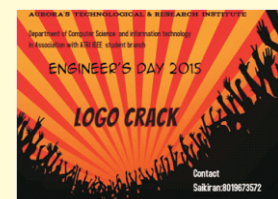
### Engineer's Day

On the occasion of Engineer's Day (Sept 15-2015), department of CSE & IT conducted 3 technical events in association with ATRI IEEE Student Branch. There was a good response from the student for these events.



### Logo Crack

In this event 15 students from various departments participated, where each student identified different logos displayed on the screen in round-1. Among 15 students 8 were selected for the second round, where they designed a logo on the theme of Engineer's was declared as a winner.





## CMania

In this event 46 students from different departments participated, where 2 students formed a single team. Each team was given a program in different chits of paper where students need to assemble this into executable format of program. Among 46 students only 12 were selected for second round. In the second round one team who performed well in this event was selected as winner .



## Technical Quiz

In this event 28 students from different departments participated, where 2 students formed a single team. Questions from C, Java, DBMS, DAA were asked, teams which answered more no of questions qualified for second round. In the second round teams who answered more no of questions were short listed, among them there was a buzzer round where questions were framed by faculty. The team which answered more no of questions was declared as a winner.

## DEPARTMENT OF CIVIL ENGINEERING

### Paper Bridge Competition

This event was conducted for 120 minutes to bring out the hidden talent of students. Students participated in teams of two. They were provided glue and papers (News Papers, Old Scrap Papers) to prepare bridges using their skill. The one structure which took maximum stress (being tested for external load) was evaluated as the best.



### Technical Quiz

This event was conducted for two member teams with the following rounds, Written test, Fill it and Who is it? In the written test each team was given a Questionnaire (General Knowledge and those related to Civil Engineering) of about 20 questions , to be answered within a time limit of 20 Minutes.

This was the qualifying round to get promoted to the next level.

Fill it: Empty spaces had to be filled by the words based on the hints or clues given on a paper. All the words were related to civil engineering. Who is it: An image of Famous Personalities will be projected to recognize. This was a buzzer round.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Mobile Phone Hardware Repairing Workshop

A training workshop on Mobile Phone Hardware Repairing was successfully organized at Aurora Technological Research Institute, in the Department of Electronics and Communication Engineering on 10-11 September 2015. It was coordinated by the faculty members, Mrs. B.Gouri Shivanandini, Associate Professor, Head of the Department (ECE), Mrs. T.Sirisha, Assistant Professor and Ms. K.Sirisha, Assistant Professor.

The main objective of this workshop for students is to gain knowledge on Mobile Phone Hardware Repairing. A Total of 59 students attended the training workshop and are Training **workshop's contents**

Opening the training workshop, Assoc. Prof. Mrs. Gouri Shivanandini welcomed the resource persons Mr. Shakeel and Mr. Akbar from Rootcad Technologies.

- Types of mobiles
- Generations of mobile phones
- Parts identification
- Different kinds of problems going to be arise in mobile phones
- Different types of mobile phone mother boards
- Problem identification in component level
- Different problems arised in touch screen mobiles (4<sup>th</sup> Generation)
- How to troubleshoot each part in new generation and replacement



As the contents of the workshop were very interesting and useful to the students academically and in day to day life ,it sustained their interest throughout the session. . There was a good feedback from the students.

### Telangana Yuva Nirman Programme

The Government of Telangana launched “Telangana Yuva Nirman Programme” with an objective to promote Career guidance and Employability skills in all B.Tech students and help them take a right career decision. This programme was conducted in Aurora's Technological and Research Institute on 30<sup>th</sup> sep 2015 with the assistance of Mr.Vivek Boddam, District in-charge (Ranga Reddy) and TITA organizing Secretary. In this programme Mr.A.Tarun, CEO and founder of Leo Zues Dine Smart Technological Private Ltd, spoke about the “Entrepreneur Skills and Mobile App Development” .



Dr.K.Vishwanath, Managing partner in Yagnaum Consulting India appraised the audience about “Design Thinking”. TRS ITS wing Technical Secretary Mr.Kiran Jetty taught a session “Interview skills and soft skills”. The programme concluded with a speech by Praveen Madipoju, CEO of Shukra InfoTech, on “Digital Marketing”.

## DEPARTMENT OF MECHANICAL ENGINEERING

### Technical Talk

The department conducted a Technical Talk on Flow Simulations by Dr. Bhaskar, Retd., GM, BHEL. He gave valuable information about CFD computational fluid dynamics for 3<sup>rd</sup> and final years students and he explained the opportunities in CFD in various departments. The talk was received well by the students as it helps to gain knowledge about the field.



### Guest Lecture

The department conducted a Guest Lecture on CAD (2D/3D) modeling on 13th August 2015. CAD is a software for drawing of machine parts in 2 - 3 dimensions. The session was given by TIME Institute. It was a very useful session for mechanical students. Many opportunities in companies and other government organizations are available to the students if they can improve their skills in CAD.

### Seminar

Seminar on Higher Studies (GRE, TOEFL, GATE) was conducted on 18<sup>th</sup> August 2015. The guest speaker Mr. Radhakrishna from E-Basic institute, Tarnaka, Hyd spoke about the importance of higher studies GRE, TOEFL, GATE, for Engineering students. Third and final year students have participated actively and clarified their doubts regarding various opportunities in post graduate studies offered in universities abroad.

## DEPARTMENT OF ELECTRONICS AND ELECTRICAL ENGINEERING

### Technical quiz

A technical quiz was conducted on 16-7-15 to encourage students and enhance their abilities. The quiz had two rounds, a written and an oral round. In the written round 30 questions were given. Students who scored above 16 were selected for oral round. In this round 30 questions were asked. The team with highest score was selected as the winner.



### Jam Session

A JAM session was also scheduled on 1-08-2015 to provide a platform to the students to exhibit their communication skills. Participants had to speak for one minute on the topic of their choice. Students selected topics like Dr.A.P.J Abdul Kalam, Reservations in jobs, Development in our country, Should EAMCET be dispensed with? etc. Dr. Md.Taher Hussain judged the students based on the points discussed, way of presentation and language skills.

### Debate

A debate called "Let's Talk " was organised by the department on 1-08-2015. The topic was- "Should cell phones be allowed in school and colleges"?

The participants were divided into team A and team B. Each team consisted of five students. The two teams presented their points in a convincing manner both in favour of and against the topic.



### DEPARTMENT OF ENGLISH

### Inauguration of Literary Club and Competitions held

On 7th of August, 2015, in Aurora's Technological and Research Institute, the inauguration programme of college's literary club, "Intellectus Litteratura" was held in the seminar hall of the college.

In his inaugural address Mr. Surya Adavi spoke about Yo! Grad and how it is helping the students connect with each other and help them get jobs, internships, etc. He drew attention to the importance of this club and its activities. He concluded his speech by highlighting Rabindranath Tagore and his works.

A PowerPoint presentation was given by final year student Yogeshwar; he explained about what the literary club is about and what will be done in this club. All the rules and regulations of the club were explained. The list of activities to be conducted in the club in the coming future. Motivating students to break from their shells and take part in such literary activities will help them develop their social, communication and inter as well as intra personal skills.

A short speech was given by second year student Mrudhula on Rabinranath Tagore's life and his achievements. Immediately after which Jana Gana Mana, the National Anthem written by him was played. Moutrishna Ray, a second year student recited few verses from Tagore's "The Gitanjali".

Third year student Anirban sang a Bengali song in the memory of the great polymath who reshaped Bengali literature and music. A PowerPoint presentation was given by a second year student Nagender Chauhan and a final year student Vishruti on Tagore's life. The presentation ended with a poetry recitation of poem "Where the Mind is without Fear" by Nagender Chauhan which was again written by Tagore. Our Second Guest of Honor Ms. Arpita Soma, Co-Founder of Yo! Grad, spoke about how the students today should prepare themselves for the coming future, how one should face the ups and downs of life and always be ourselves.

Competitions were conducted on this day. Sketching on the topics, Nature and Divine Worship, the sketches submitted by the students were very beautiful and incredible. The chief guest selected the winners. In creative writing competition the student were given a beginning line and had to spin their own story. Quiz was conducted on Tagore's life and the participation of students was commendable. The program was concluded by second year students Anisha thanking the guest of honor for spending their precious time here in spite of their busy schedules and all the faculty members and students for coming and mementos were given by club members to the guests of honour.

## Debate in English and Telugu

The first activity of the literary club after the inauguration was Debate which was conducted on 20<sup>th</sup> August, 2015 in the college premises. The topic of the debate was "Are parents and educational institutions responsible for the increase in juvenile crimes in India?". The debate was conducted in two languages English and Telugu..

Each team had two people in which one would speak in favor of the topic and the other would speak against the topic. The topic was same in both the languages and it was announced one day prior to the event. The debate had two rounds. In the first round both the team members were given 3 minutes to express their views on the topic. Then in the second round which is the rebuttal round, each speaker was questioned by their opponents or anyone from the audience and no cross questions were allowed.

Dr. KamalaLatha , Associate Professor in Physics , H&As department was the judge for the debate in Telugu language. The debate in English was conducted by Dr. V. Aparna Reddy, Dr. P. Bharathi and Dr. Mohammed Taher Hussain from the department of English , H&AS. The students were judged on their presentation, the content, proper use of language, and how they answered the questions during the rebuttal round.

There were eight teams participating. After all the participants had arrived the rules and regulations were told to them and how the debate would be conducted. One by one as their names were announced, participants came to stage for their chance. Each and every participant participated very enthusiastically. Everyone had their eyes glued to the stage, the altercations were that engaging. The highlight of the event was rebuttal round, the opponents in audience came up with tricky questions to answer, but the speaker handled it well.



## ● Faculty Achievements

### Faculty Publications

Damera Ramachander, International Journal of Civil Engineering for Innovative Research  
ISSN-0245-5868, Vol.01. Issue.05. July 2015, Pgs:4175-1485

Avula Karthik, International Journal of Civil Engineering for Innovative Research  
ISSN-0245-5868, Vol.01. Issue.05. July 2015, Pgs:4144-4150

Lakkaraju Aparna, IJRI, Volume.02, Issue.03, July 2015, Pgs:1401-1402

P. Jayakrishna, Implementation of Video streaming security using AES algorithm, IJVDCS,  
September 2015

P. Jayakrishna, Design of Remote video monitoring & motion detection system based on ARM-  
LINUX platform & HTTP protocol with SMS capability, IJMETMR, July 2015.

P. Jayakrishna, Integrate Internet browsing on set top box (STB) and decode digital television  
(DTV), IJECT, July-Sep. 2015

### Upgradation of Qualifications:

Damera Ramachander, was awarded M.Tech degree in Structural Engineering by JNTUH in August  
2015.

Avula Karthik, was awarded M.Tech degree in Structural Engineering by JNTUH in August 2015.

L. Aparna, was awarded M.Tech degree in Environmental Engineering by JNTUH in August 2015.

M. Upender Reddy, was awarded M.Tech degree in Electrical Power Engineering by JNTUH in  
August 2015.

K. Sonu Kumar, was awarded M.Tech degree in Machine Design Engineering by JNTUH in August  
2015

### Student Publications:

Vinay Pittampalli, "The Star Of My Night", IJELLS, Volume 4 Special Issue 2 – Short Story Special,  
August 2015, ISSN 2278 0742. (ECE-IIA)

## ● Gallery



## ● Internships

S. No	Name of the Student	HT No	Name of the Organisation	Dept	Period of Internship
1.	1. K.Avinash Gupta	12841A0141	Navayuga Engineering Company Limited	CE	One Month
2.	K. Hemanth Kumar	13841A0317	South Central Railways	ME	Two Weeks
3.	M. Sainath	13841A0321	South Central Railways	ME	Two Weeks
4.	Ch. Veda Prakash Reddy	12841A0409	Tele communications BSNL, HYD	ECE	2 Years (2013-15)
5.	Shiva Sandhya reddy	12841A0414	VLSI-ECIL, HYD	ECE	May/June 2015
6.	S. Prashanth Kumar	12841A0432	VLSI-ECIL, HYD	ECE	May/June 2015
7.	A. Likith Kumar	12841A0440	VLSI-ECIL, HYD	ECE	May/June 2015
8.	Pramiti Tandon	12841A0429	VLSI-ECIL, HYD	ECE	May/June 2015
9.	M. Mounika	12841A0426	VLSI-ECIL, HYD	ECE	May/June 2015
10.	Prathyusha	12841A0425	VLSI-ECIL, HYD	ECE	May/June 2015
11.	Jyothsna	12841A0431	VLSI-ECIL, HYD	ECE	May/June 2015
12.	Renuka	12841A0453	VLSI-ECIL, HYD	ECE	May/June 2015
13.	Indraja	12841A0445	VLSI-ECIL, HYD	ECE	May/June 2015
14.	P. Sai Manasa	12841A0489	BSNL	ECE	1 Month
15.	Y.G.V.N. Sai Jaideep	12841A0493	ECIL	ECE	1 Month
16.	S. Sreekanth Reddy	12841A0494	ECIL	ECE	1 Month
17.	K. Vikramadithya	12841A04A5	HPLWM (Manugur)	ECE	25 Days
18.	E. Chandramouli	12841A04D2	ECIL	ECE	1 Month
19.	K. Jagruthi	12841A04E1	ECIL	ECE	1 Month
20.	M. Rishika	12841A04E3	ECIL	ECE	1 Month
21.	A. Mahesh	12U71A0401	OU (IETEN)	ECE	2 days Workshop



## ● Industrial Visits

### National Geophysical Research Institute (NGRI), Habsiguda - 26<sup>th</sup> September 2015 (Civil Engineering)



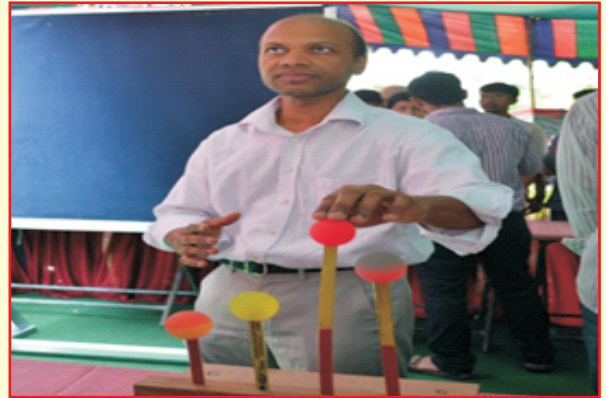
The staff and the students' team interacted with Sr. D. Sri Nagesh (Scientist-G) Deputy Director of N.G.R.I. He explained about Earthquake Resistant Structures (Dams, Reservoirs, Tunnels and Bridges) and interacted with each and every student. There was a discussion about Civil Structures in Seismic prone area. He enquired about students' Mini projects and gave guidelines for Civil Engineering construction structures, about multi complexes, foundations and also abroad civil constructions.

Students interacted with Mr.Srinivas (Technical Officer) about internal structure of earth (Model).

Students interacted with Mr.Simachalpady (Scientist-E2), Mr.Simachalpady mostly worked in JAPAN, TOKYO University his research papers focused more on JAPAN Earthquakes. He explained about different types of Seismic instruments models and different type of earthquakes. He interacted with the students regarding earthquake resistant structures and type of acceleration i.e., peak ground acceleration where mainly most earthquake occurs.



Students interacted with Mr.Satis Saha (Scientist-C). He described pattern of Seismic waves and explained about Primary Waves, Secondary Waves and Surface Waves Pattern. He described about Ice quakes. His research work was mostly about Antarctica earthquakes, He visited Antarctica three times to research about Ice Quakes.



Students interacted with Mr.Satish (Project Assistant Level-II) about Geological structures which are useful for construction dams, reservoirs and bridges.



### **Gas Hydrates Division**

Students interacted with Mr.Behra (Principal Scientist). He discussed with students about finding oil and gas resources beneath the earth for find oil resources and how to go through seismic survey with geophones in which oil is trapped in Domes hope structure.

Staff and students interacted with Mr.Mandal (Scientist-C). He discussed with students on detailed survey of balshing holes and seismic survey.

### **Seismological Observatory**

Students interacted with Mr.Vijaya Raghavan (Scientist-F). He explained to students about different seismic monitoring system and different types of earthquakes in different terriers. He showed seismograms to student's manually. He described about in P & S Waves in seismograms.



## COCA-COLA company

Mechanical Department 3<sup>rd</sup> year students visited Coco Cola manufacturing company situated at Miyapur near Kukatpally, Hyderabad ON 29-9 2015. Students were exposed to various operations in FMCG sector. This visit helped students to understand utilities maintenance activities round the clock (power, boilers, air compressors & vacuum systems), automated high speed filling machines and distribution logistics.

As a part of the visit they learnt about blow molding and production of bottles, which is a very important topic for a mechanical student. Apart from that they learned about the cleaning of glass bottles of cool drink and filling them with specified liquid to drink at the quantity required.



They learned about water distillation which is an important raw material for the preparation of cool drink. They saw machines of blow molding how they work and learnt many more things.

## Doordarshan Kendra, Hyderabad - 16.09.2015 Electronics and Communication Engineering



Industrial visit to Prasar Bharati (Doordarshan Kendra) Ramanthapur on 16-09-2015.

A team of 104 students of III year – I Semester participated in this visit with three faculty members. They reached the venue Doordarshan Kendra, Ramanthapur by 10:00 AM. Mr. Ravikanth, Asst. Engineer / Visit Co-ordinator welcomed them and provided two members from their team.

At 11:00 AM, students started the visit in three groups of 35 and the departments visited were, Live News Room, Control Room for live news, Program set Room, Editing room (Audio & Video) and Air control Room. In the second session of the visit at Malakpet, we visited the Transmission section Room and the Transmitter Tower.



## ● Articles

### CHANGE THE WORLD – BEING AN ENGINEER

-Lalitha Kolluri  
Librarian, ATRI

Once upon a time, a king undertook a trip to some far and remote areas of his country. When he was back to his palace, he complained that his feet pained a lot, because it was for the first time that he undertook such a long trip, and the road that he chose was rough and full of stones. He then ordered his people to cover each and every road of the entire country with leather. This would cost huge amount of money and also many animals would need to be killed. Then one of his wise servants took courage and said,

“Instead of spending so much money on filling the road with leather, a little piece of leather could be tied around the foot, so that stones would not hurt the feet.”

This sums up the title “Do not change the world – Being an Engineer”. One need not necessarily indulge in mega structures or extreme engineering to bring in change. A timely idea can also sometimes foster change and bring in the required results. There will be instances in everyone's life where we will be in ambiguity which might lead to our taking decisions in haste, it is only when the Engineer in you rises to the occasion and uses one's tools of intellect that will result in deciphering the ambiguity and propelling us in the right direction.

Strength lies not in unrestrained behavior but in well regulated action. Engineering stimulates the mind. If science is about knowing, Engineering is all about doing. So Friends... JUST DO IT.

### L'AMOR

P. Vinay ECE-IIA

It is when your dawn is not by the dazzling sun  
but the rise of someone above your life's horizon  
When all the while your heart longed like the lonely night for another heart that sparkles and scatters its light  
When your present tense utterly pleads their presence and you are absent to yourself in their absence  
Their silence is loudest scream your ears never wished to hear  
Their tears shall rain with thunders and wrapping clouds unclear  
Their smiles bring back the lost eternal springs  
Their pain unbearably is your heart's eclipse  
When you drink from their grief deep wells to empty it

When you be roof for their sleep defying climate  
You long for them to belong to you  
Like salt in sea you dissolve in them  
Their joy is the price of stars  
for which you'd sell your own soul

Their moods are your seasons  
Their breaths are your reasons  
Your heart beats their music  
Your soul blabs their magic

The world you know shall fade  
revealing its unknown shade  
You go insane with discovery  
of your life's forbidden beauty

In this senselessness called Love  
life makes sense for the first time

## CHILDHOOD

- K. Supriya ,  
Assistant Professor,  
ECE Department

Childhood is the kingdom where nobody dies” a famous quote says. Childhood is the most beautiful part of everyone's' life. It was the time when we didn't fully understand what a society was like, what life would be like, what relationships are like. We were not aware of many things about life. Most things were unknown but happiness and joy were an every day experience. Today I go to a movie to relax, when I was a kid I used to relax whenever I wanted to relax.

I do not understand which me is more mature today. Child me or Adult me. Never in childhood there was a situation where I was heart broken, the only things broken then were my bones when I tripped out of a joyful play!

I didn't worry about my appearance so much then as I do now. Hardly have I remembered how I looked then, now I barely forgotten how I appeared a few minutes ago. I couldn't discriminate myself with anyone around then, now I wear a hundred different identities myself each day. There was no need to be someone else to be happy that time. Pretention, impression, lies were not a part of life. Every second the clock was ticking just as the way it is now, except it felt like being a kid was a timeless feeling. Everything was inward bound then, that was probably the real self which lost its way with life's adulthood!

As a kid I used to play a hundred different games in a day, As an adult now I play one game once in a hundred days. I played then so I was healthy, today I stay healthy only if I play.

I remember those cycling competitions with friends, silly fights, excuses of stomach ache to bunk school, fear of attending tuition classes, fear of math teacher at school, sulking at my dad for not bringing evening snacks, acting innocent in front of mom for pocket money, furious fights with my brother and ending up with horrible scars and marks all over the face, , pen-fights during the lunch hours at school,

phony break ups in friendships, triple ride on skinny bicycles, crazy gaming with WWF fancy cards and pokemon, drench in rain till the cold-fever attacks and mom's chiding after falling sick, sobbing for pointless issues, laughing at reasonable points, dad's concern for my meaningless tears, mom's embrace when I fell sick, cursing teachers for burdening home work.... They are still fresh in my memory. All this added up to a wonderful time of my childhood. Recalling those sweet moments puts a smile on face for a life time!

Watching cartoons was a great fun activity, my favorite daily routine. I dare not miss them anytime. I do not know if kids of this generation watch similar cartoon but “POPEYE THE SAILOR MAN”, "Tom & Gerry“ comics had won millions of kids that time. Still stand as the best of all time. Another inspiration show was "SHAKTHIMAN” a mesmerizing heroic role that all my class mates used to fancy acting like him at school. We enacted superheroes after watching every episode and there was fun in doing so, pure sense of pleasure and joy! Very little did we have to watch on television yet most of the shows had made great impression on my childhood.

There were tantrums and sobs but never the sadness. There were fights and quarrels but never hurtful moments. There were defeats, but no failures. There was humiliation, not guilt. There was sharp memory power but no remembrance of painful moments. There was crying and tears but not pain. There was only innocence that kept us happy all the time. It was immaturity that made us unaware of all earthly problems. I wish I could go back to that time and cherish those wonderful memories of childhood. I wish I had never grown up. I miss those moments and that part of myself that existed.

● Art Gallery

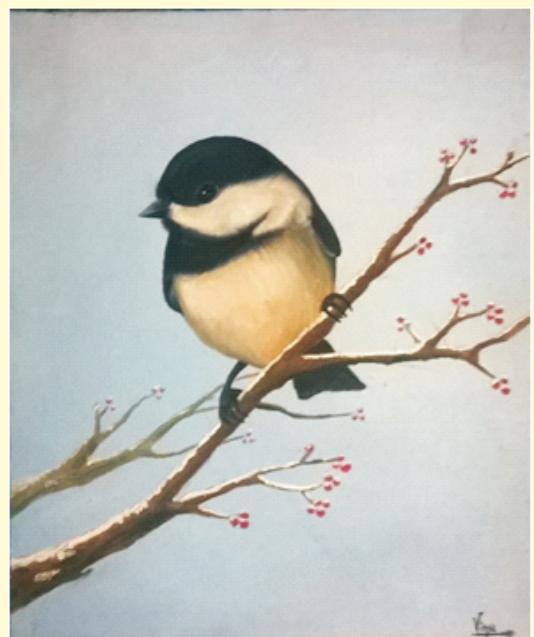
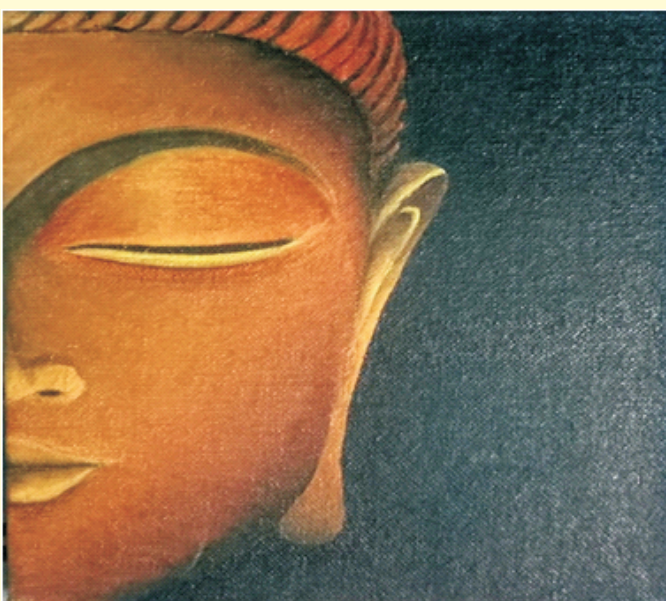
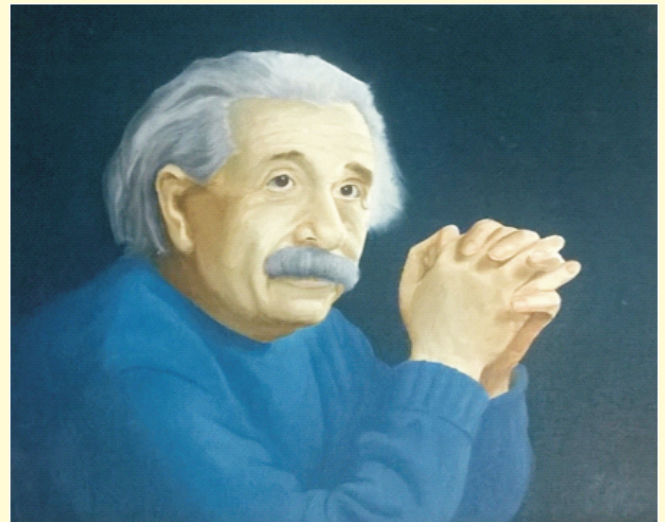


- M. Rajasekhar, Assistant Registrar



P. VINAY (ECE-II A)

Oil Paints on Canvas



## ● Upcoming Events

S.No	Name of the Event	Date	Name of the Department	Resource Person/ Place/ Organisation
1.	Robotics Workshop	30-09-15 & 01-10-15	EEE	Purple Squirrel
2.	Workshop on Rocketeers	3- 4 October 2015	CE	ISRO Faculty
3.	Industrial Visit	05 Oct 2015	ECE	Sulakshna Circuits Ltd, IDA, Bollaram,Hyderabad
4.	Guest lecture	05 Oct 2015	CE	Prof. Chennakeshavulu, OU
5.	Guest lecture on Energy saving in industries	06 Oct 2015	ME	R Gopala Krishna, MD Genith Energy Systems
6.	Guest lecture on -Wireless Sensors Network	06 Oct 2015	ECE	Dr. L. Nirmaladevi, OU
7.	Guest lecture on Global Positioning System-An Overview	06 Oct 2015	ECE	Dr. Lakshmi Narayana , Secretary, IETE
8.	Guest lecture on Developing Communication Skills of Technical students	07 Oct 2015	English	Mr. Ravi Kumar , EFLU
9.	National Techno-cultural fest	9 – 10 October 2015	All Depts	ATRI campus
10.	Power Plant Operation and Power Generation	October 1 <sup>st</sup> week	EEE	Srisailam Power Plant
11.	Power Transmission and Distribution	October 1 <sup>st</sup> week	EEE	CPRI, Narapally
12.	Industrial visit	October 2 <sup>nd</sup> week	CE	GSI Bandlaguda
13.	Webinar (IEEE)	October 3 <sup>rd</sup> week	CSE	In collaboration with Muhammed Ali Jinnah University, Karachi