



Director's Message

Greetings!

The academic year 2016-17 ended on a successful note with many a feather in the cap of Aurora, like student placements, faculty and student achievements, various curricular and co-curricular activities. Examinations, Inspection and Education fair kept the faculty busy and active. All senior students started planning their projects in June with the guidance of the faculty. The end of the year is also the time to set goals and reenergize oneself for the next year. Many faculty members attended seminars, conferences and training programmes adding valuable credentials to their career.

Teaching faculty today are facing a growing array of changing roles and responsibilities that requires them to engage in ongoing professional growth. Faculty are constantly faced with the challenge of going forward to keep up with new directions in teaching and research. Faculty need to learn new skills continuously in order to face the demands of an increasingly technological workplace. Taking this challenge head on, all the departments in our college organised faculty development sessions throughout June. Discussions, exchange of ideas and experiences while updating knowledge was the fruitful exercise enjoyed by all the faculty members. New ways of organizing their courses and learning materials and working collaboratively across inter-disciplinary fields was also completed by the faculty members. In ways large and small, each and everyone of you has made a positive contribution to support the successful functioning of our college. I thank all the faculty and staff members for their cooperation and expect the same in the ensuing academic year. I wish all our students waiting for results all the very best. Looking forward to a winning year ahead!

- Srikanth Jatla

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Life is like a camera.....
Focus on what's important,
Capture the good times,
Develop from the negatives,
And if things don't work out,
Take another shot.

Editorial Board

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COLLEGE EVENTS

Education Fair 2017

As the admission season makes way, students and parents are apprehensive about choosing the right field and institution for a bright future. This year is the most crucial in the life of a student. To bridge the gap between aspiring students and potential institutions, "TV9 & KAB Education Fair – 2017" has provided a unique platform to reach their goals. . This event was a mega opportunity for institutes to attract best minds from across the region and also for enhancing their brand equity in a highly competitive environment. Minister Shri. Devineni Uma Maheshwar Rao inaugurated the education fair at Vijayawada with traditional lighting of lamp. The education fair was organized under joint efforts of TV9 and KAB Consultancy Services. The fair was conducted at Vijayawada, Bengaluru and Hyderabad.

Key Features:

- Spot admission facility.
- Free entry for visitors.
- Free Pre-Counselling and Guidance on EAMCET, JEE & ICET Web Counselling 2017.
- Large no. of students, parents and management visited the summit.
- Participating institutions distributed their brochures and handouts to visitors.
- Time slot was allotted for selected participants to present their profiles.

Aurora Group of Institutions was the title sponsor of TV9 Education Fair 2K17 powered by Kab Consultants conducted at AP Convention Centre, Vijayawada on May13th and 14th, 2017. Mr. Vishnu, Asst. Professor in EEE Dept. participated as the College Coordinator. The response from the visitors was quite encouraging as nearly two hundred and fifty enquiries were received. About one hundred professional colleges like K. L. University, Marri Laxma Reddy Group of Institutions, CMR group of Institutions, ICFAI Business School, Gitam University etc have presented their stalls and two thousand students visited the stalls from 9.00 am to 6.00 pm. The students were provided the guidelines about the various options for their higher studies in different streams like Engineering, Management, Computers, Medicine, Architecture, Law, Polytechnic, Agricultural Engineering and other degree courses. They were also given suggestions about the different courses offered, where they could learn many things about their field of study and how to progress in their careers. The fair at Bengaluru was organized on 19th,20th and 21stMay, 2017.Mr. Vishnu, Asst. Professor, EEE Department participated as College Coordinator at the educational fair. Nearly 100 enquiries were received from the visitors. The Education Fair was organized at Hyderabad on 26th,27thand 28th May at Nizam College Grounds. Mr. Vishnu, Asst. Professor, EEE Department and Mrs. K Aparna, Asst. Professor ECE Department were the college coordinators. T-NEWS Education Fair was organized at Hyderabad on2nd,3rd and 4th June at Nizam College Grounds. Mr. Vishnu, Asst. Professor, EEE Department and Mrs. K Aparna, Asst. Professor ECE Department worked as the college coordinators. Large number of students and parents turned-up for the 'Telangana Golden Education Fair-2017', organised by T News Channel for the fourth consecutive time at Nizam College Grounds. Over 100 educational institutions including Engineering, Pharmacy, Medical, Architecture, Management, Aviation, Animation, Fashion, Hospitality among others have put their stalls at the fair. All educational institutions being available on a single platform gave an opportunity to students and parents to clear their doubts regarding their career options. Counselling provided by the experts gave students an insight about various courses. Deputy Chief Minister and Minister for Education Sri Kadiam Srihari inaugurated the event.



International Yoga Day

International Yoga Day is celebrated annually on June 21 and was declared to be internationally recognized by the United Nations General Assembly (UNGA) on December 11, 2014. Yoga is a physical, mental, and spiritual practice or discipline that originated in India. The Indian Prime Minister Narendra Modi in his UN Address suggested the date June 21, as it is the longest day of the year in the Northern Hemisphere and shares special significance in many parts of the world. Ms K.Supriya,



Asst Prof, ECE dept, conducted a workshop for the students on International Yoga Day. The workshop started with a prayer to Sage Patanjali and the importance of Yoga was explained. Maharishi Patanjali is the 'Father of Yoga' who compiled 195 Yoga Sutras that became the foundation of Yoga philosophy. The commentary on these sutras is called Bhashya. The core essence of Patanjali is the eightfold path of Yoga (Ashtanga Yoga) that focuses on healthy living through Yoga. A demonstration on Suryanamaskar and many more asanas that help to tone the body and keep it healthy was given. This workshop created awareness regarding the importance of health and good food habits in daily life which keep one away from any physical ailments. Sun Salutation is considered a complete body workout. Yoga experts say that doing 12 sets of Surya Namaskar translates into doing 288 powerful yoga poses in a span of 12 to 15 minutes.

ATRI faculty are now the members of Indian Science Congress Association



Indian Science Congress Association (ISCA) is a premier scientific organisation of India with headquarters at Kolkata, West Bengal. The association was started in the year 1914 in Kolkata and has a membership of more than 30,000 scientists. We are glad that the following ATRI faculty members of various departments have become the members of this prestigious organization.

Annual Members of ISCA

Name of the Faculty	Department
Dr. Palukuru Bharathi	English
Jinna Ahalya	English
Dr. Bombay Sandhya Rani	English
G B Kadambari Devi	English
Ugandhar Dasari	Chemistry
Gummadi Sirisha	Chemistry
Aafreen Sultana	Physics
Dr. Tripathy Satya Narayan	Physics
Mantrala Purna Chandra Rao	Physics
Gadwala Naveena	Physics

Annual Members of ISCA

Name of the Faculty	Department
Pearm Anusha	Physics
Avula Karthik	Civil Engg
Gita S Parthiban	Maths
Lam Eswaramma	Maths
Medichalam Swathi Devi	Maths

Life Members of ISCA

Name of the Faculty	Department
Dr. Koripella Nagajyothi	Chemistry
Lakkaraju Aparna	Civil

Activities of Aurora's Research Laboratory

The Water testing Centre of Aurora's Research Laboratory, ATRI has sprung into action by testing water samples. Our water testing centre is involved not only in testing water, but also giving recommendations and suggestions to improve the quality of water. Parameters like hardness, alkalinity, chlrodes, BoD, CoD sulphates, nitrates, pH, TDS etc are tested in this centre.



DEPARTMENT EVENTS

Faculty Development Programme

The unprecedented growth of Higher Education Institutions in India in the past two decades has led to a shortage of well-trained faculty. The government, universities and the managements are placing challenges on both staff and students to achieve substantial and sustainable growth through quality education. Interdisciplinary/cross-curricular Teaching & Learning approaches through Faculty Development Programmes are encouraged in many colleges to achieve desired results in sync with the goals of Higher Education. ATRI organized its Annual Faculty Development Programme from 19 June to 21 June 2017 for the entire H&AS faculty with an objective to enrich academic and intellectual environment on the campus so that the faculty members update their research and pedagogical skills.

Department of English

Quantitative Aptitude- Ms.G.B. Kadambari Devi

On day one, Ms Kadambari conducted Logical, numerical and verbal reasoning practice sessions for faculty members of H&AS. She explained the competencies required to appear for competitive examinations from medium to difficulty levels. Using an extensive set of data, Ms Kadambari explained the reasoning ability to solve logical, verbal and numerical problems on a broad range of topics with practical examples. In addition she gave a few insights into the skills and capabilities required to understand shapes, symbols and patterns which helped the faculty to practice, ask and solve problems in an efficient way and prepare for various tests.



Writing Research Papers- Dr. P. Bharathi

To pursue research and also to present papers in seminars/conferences/workshops has become vital for faculty members in higher educational institutions. Dr. P. Bharathi, presented a session on Writing Research Articles. A thumbnail sketch of the technicalities required for the presentation of research paper is as follows:

- Selection of the topic for articles/papers/thesis from themes and subtopics of one's interest or articles /papers invited at various seminars. Any problem encountered during teaching - learning process in a classroom can also be taken up.
- Collection of data by searching for sources/ find information on the Net, in Libraries, Journals, Articles
- Thesis statement or title of the article should summarize the paper in one sentence
- Tentative Outline of the thesis/article should be a product of research and critical thinking
- Taking notes and organizing them to write a rough draft
- In-text citations/References to be acknowledged
- Writing of the first draft
- Revise the outline and draft to make the final paper

Manuscripts submitted to journals for consideration for publication have the following components.

- | | |
|---|--|
| <ul style="list-style-type: none"> • Title Page • Acknowledgements • Abstract • Introduction • Methods/Research plan | <ul style="list-style-type: none"> • Results/ Findings • Discussion/ Suggestions • Conclusions • References/Bibliography |
|---|--|

Plagiarism is a major concern among editors and publishers. Therefore, be certain of the sources of all data and text. If the article is based on prior work, be sure to reference that prior work properly. An original research paper cannot contain previously published data in any form without a proper citation.



Reading Comprehension – Dr.B. Sandhya Rani

Dr Sandhya spoke on the purpose of Reading comprehension and its importance as a testing tool in major competitive examinations. She later discussed the major areas of errors found in Spelling, Grammar, Syntax (Sentence construction) Agreement between subject and verb in number, gender, etc, sequence of tense, misuse of words with suitable examples and practice. The purpose and participation of reading comprehension in such programmes would enable faculty members to update their research and equip them with necessary scholarship and ample opportunities.



Dept of Mathematics

Numerical Ability - Ms. Gita. S. Parthiban

Ms Gita Partibhan presented basic Mathematical skills as a handy tool useful for mathematical operations like addition, subtraction and multiplication tables to achieve competency in Maths. She explained various elementary mathematical concepts in an interesting way to master the discipline. She also explained the importance of Quantitative Reasoning skills as a problem solving technique/strategy to enhance quantitative abilities in students. Given the importance of Quantitative Reasoning skills and its related use in Higher Education, Quantitative Mathematics is



made a core component of engineering courses so that students excel in mathematical skills. Businesses, schools, and colleges increasingly require Maths skills at every stage of their operation processes from admission to evaluation fields respectively. Today, Quantitative Mathematics is pursued as major PG Program leading to R&D., due its demand in business and industry as well.

Dept of Chemistry

Chemistry in Everyday Life - Dr. K.Nagajyothi

Prof.Nagajyothi gave a visually impacting Power Point Presentation on“Chemistry in Everyday Life” and explained how chemicals control our lives. She explained the influence of Chemistry in every sphere our life: in medicines, eg. analgesics, antacids, anti allergics, antibiotics, antiseptics, tranquilizers; in the beautiful clothes with colorful combinations made of synthetic fibers and chemicals in it; in the artificial sweeteners and food preservatives; in soaps, detergents, household bleaches, explosives, building materials, electronic gadgets and almost all our activities which carry out a chemical action controlled by chemicals. So as chemistry is everywhere that we see, smell, taste and touch, we must be aware of the chemical reactions of chemicals. The following key-points were discussed during the presentation:

- Chemistry of the Human Body
- Chemistry of preservatives, drugs, cosmetics
- Kitchen Chemistry
- Purification of water
- Safe plastics and carcinogenic plastics
- Chemistry of hormones
- Chemistry of Cement
- Chemistry involved in insect repellants, room sprays, detergents
- Artificial fruit ripening

Faculty from various departments attended the programme and interacted enthusiastically



Department of Computer Science and Engineering

As Part of Summer Faculty Improvement Program, Department of CSE & IT conducted TECHTALK, A daily technical discussion meet during May and June months. Daily Techtalk session was of two hours. Various components included

- Research Exposure by one faculty
- Rules, Norms of universities by one faculty
- Puzzles by faculty
- Inspired story by faculty

Ph.D Enrollment Dr. Ekbal Rashid

Dr. Ekbal Rashid gave a technical talk on Ph.D Enrollment in reputed or category I Universities and Institutes. He discussed how to select the best Institute/University for taking admission in Ph.D. He presented tips on how to crack the Ph.D entrance examination conducted by various reputed institutes of India. He warned about shady journals where publication of papers has no value.. In his talk he discussed about citation, API scope etc. He has given some clues regarding research paper writing and publishing in reputed indexed journals with good impact factors. .



Knowledge Acquisition Quiz by Ms. Anuradha, Ms. Y. Anusha

Knowledge acquisition quiz consists of three rounds. In the first round, images or captions are given and the relevant brands or the products should be identified. Second round is about cryptography, answers to the questions hidden in images or text, have to be identified. Third is the connexion round. In this round, given objects should be connected to guess the word or person. Twenty four faculty members participated in two teams. All enjoyed the activity a lot particularly, the connexion round.



Ramzan Celebrations

Ramadan is the ninth month of the Islamic calendar. In the month of Ramadan holy book of Islam was revealed. Eid al-Fitr, "festival of breaking the fast", is an important religious holiday celebrated by Muslims worldwide that marks the end of Ramadan, the Islamic holy month of fasting . Muslims make an alms payment (the Zakat al Fitr) for the month of Ramadan, in the form of food or its cash equivalent. This food and/or money is then distributed to the poor. Eid ul Fitr was celebrated by Ms. Farhana Begum in the department on 29 June 2017. All the faculty members relished the Porridge distributed by her.

Research Paper Preparation - Dr. Saravanan

Dr. Saravanan gave a talk on research paper presentation which can be summed as follows : We can choose our M.Tech project as the base and take the future work mentioned in the project as proposed work for research. Otherwise choose the area of research based upon your interest then update the recent trends going on in that field .For example, if we take computer networks, there are different areas like WAN, WLAN, MAN, Adhoc N/W, etc . We can select one of those areas and start collecting recent papers (literature) in that area. Collect data which already exists and understand the algorithms, protocol, methodology proposed, tools used, experiments conducted, final results, advantages and disadvantages in those methods. By analysing many papers, we will be able to identify the problems in existing work so that we can propose a new methodology to solve those issues and achieve our objective. Then we can develop our own algorithm, prototype. Experiments can be conducted and tested using our proposed methodology. Based on the result, refine it further and get desired results. After that the work is written as a paper for publishing in a reputed journal.

Student Database Management System

The department of CSE initiated 'Student Database Management System' in the month of June. This application aims to retrieve all the information about the students at various levels of administration. This includes student's personal, academic (curricular and cocurricular) and extracurricular information. The department has constituted a team of Faculty and students as designers and developers.

Requirements phase was conducted to collect data and was analysed in the presence of the following team members: Ms. A. Durga Pavani, Ms. W. Nirmala, Mr. P. VeerKumar, Ms. K. Kavitha, Ms. B. Malathi, Ms. G. Varalakshmi, Ms. N. Nirmala Jyothi, Ms. Farhana Begum, Ms. K. Jamuna Rani, Ms. R. Sumathi, Ms. S. Swapna, Ms. Anuradha Surabhi, Ms. Sumalatha PA to Director, Mr. Ravi Kiran admission dept., Mr. VenkatReddy dept. of Accounts.

Some of the requirements are mentioned here:

1. The branch into which students with good EAMCET ranks have been admitted
2. Students who got seat under reservation category.
3. Students who have not paid the fee.
4. Students who are involved in extracurricular activities.
5. Identifying the topper of the college.
6. To know the academic curriculum.



Cloud Characteristics Mr. Suresh

Mr. Suresh gave a talk on cloud characteristics which can be summed as follows: An IT environment requires a specific set of characteristics to enable the remote provisioning of scalable and measured IT resources in an effective manner. These characteristics need to exist to a meaningful extent for the IT environment to be considered an effective cloud.



The following six specific characteristics are common to the majority of cloud environments:

- On-Demand Usage
- Ubiquitous Access
- Multi-tenancy (Resourcing Pooling)
- Elasticity (and Scalability)
- Measured Usage
- Resiliency Cloud providers and cloud consumers can assess these characteristics

individually and collectively to measure the value offering of a given cloud platform.

Although cloud-based services and IT resources will inherit and exhibit individual characteristics to varying extents, usually the greater the degree to which they are supported and utilized, the greater the resulting value proposition.



Mobile App Life360.

Life360 runs on your mobile device to allow you to view your family members on a map, communicate with them, and receive alerts when your loved ones arrive at home, school or work.

1. Tracking of mobile users.
2. Chatting with them with their location mapping.
3. We can see battery statues of by mobile.

FLAT -Mr. P. Veer Kumar

FLAT, Formal Languages & Automata Theory is an important subject of Computer science which Describes theory about how computation is done. In this Session, over all idea about the subject was expounded. Computation Machines like FSM, PDM, TM were explained. All logics FA, PDA, LBA and TM were correlated.



DAA -Mr. Veer Kumar

DAA, Design Analysis & Algorithms includes analyzing the time complexity of Different Algorithms & basic Designs of Algorithms like Backtracking, divide & conquer, Dynamic Programming etc. In this Session, what is Time Complexity, different time complexities, how to find the time complexity of a problem or algorithm have been explained.



General Studies Exposure for Govt Jobs by Mr. Veer Kumar:

General Studies in competitive exams is an important component about India's geological, historical, economical, political background & present status. This session gave an overall idea about geography, history, polity & economy of our country.

CSE & IT Dept Cultural events



Puzzles and Logical Thinking questions

- Question: The owner of a banana plantation has a camel. He wants to transport his 3000 bananas to the market, which is located after the desert. The distance between his banana plantation and the market is about 1000 kilometer. So he decided to take his camel to carry the bananas. The camel can carry at the maximum of 1000 bananas at a time, and it eats one banana for every kilometer it travels.
What is the largest number of bananas that can be delivered to the market?
- We have 10 identical bottles of identical pills (each bottle contain hundred of pills). Out of 10 bottles 9 have 1 gram of pills but 1 bottle has pills of weight of 1.1 gram. Given a measurement scale, how would you find the heavy bottle? You can use the scale only once.

let us all live, In peace and harmony, And see our country shine, In all its glory.

Department of Electronics and Communication Engineering

Technical Talk-1

A Technical Talk on “ Arduino microcontollers” by Mr.Md.Nizamuddin Salman, Sr.Asst.Prof was conducted on 22nd June ,2017. The talk included concepts like Introduction to Arduino board and its basics, Arduino IDE Installation, features of ARDUINO Uno and its specifications, Architectures of Atmel and AVR Microcontrollers, Various types of Arduino and its applications. With this technical talk the faculty were able to do Program dumping and hardware connection of simple devices like LED's and few application specific programs.



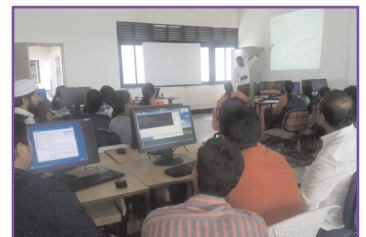
Workshop-1



A one day “Hands on Experience on DSP Processor kits” by Mr. G. Anand babu, Associate Prof was organised on 21st June, 2017. First the differences between Microprocessors and DSP processors was discussed based on the architectures, then in detail the Architecture of TMS320C6713 was discussed with its applications. Faculty learnt to write the code for different applications such as generation of sine waves, FIR and IIR filter designs and FFT computations continued with dumping of the code into the DSP processor and verifying the results.

Workshop-2

Mr. K. Harikrishna, Sr.Asst.Prof, ECE conducted a One day workshop on 'LabVIEW' by on 20th June, 2017. National Instrument's Lab VIEW, a premier virtual instrumentation graphical development environment, uses symbolic or graphical representations to speed up the testing of prototype of electronic circuits. The workshop explained more about programming with drag-and-drop, graphical function blocks instead of writing lines of text to enhance a design project, this workshop helped us understand the significance of LabVIEW and to start programming with the ultimate system design software.

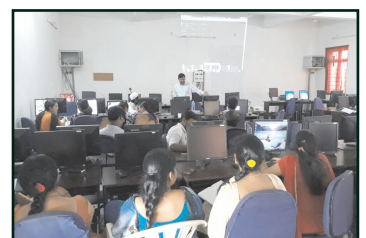


Technical Talk-2

The dept of ECE conducted a Technical Talk on “Analog and digital VLSI design ” by Ms. P.Mamatha, Sr.Asst. Prof on 19th June ,2017. The talk included concepts like Power optimisation techniques, VLSI design issues, Advanced semiconductor technologies and Research topics in VLSI. The talk helped the faculty members to understand the various trends in area of VLSI and enriched the interest towards research.

Workshop-3

The dept of ECE conducted One day workshop on 'Raspberry Pi' by Mr.Sourabh Joshi, Embedded RF Technologies, Dilsukhnagar . The workshop included concepts like python programming, Features of Raspberry Pi and how to develop applications using Raspberry Pi . The workshop helped faculty members to understand innovative trends in microprocessors and microcontrollers.



*Leadership is not a position or a title,
it is action and example*



Motivational Speech

As a concluding session for a week long technical talks, Ms. G. B. Kadambari Devi, Assoc. Prof. of English gave a motivational speech on 22 June 2017. She took the most common problems we encounter in day to day life and discussed how to face them. She had also discussed how to overcome stress at work place and also at home. She explained how petty emotional problems hamper happiness through motivational stories and made us realize how easily we can solve these problems and regain peace. Her talk was really inspiring and the quotes were very apt and motivational. She made every one realize that each individual is distinct and has lot of talent in them.

Department of Mechanical Engineering

Industrial Visit

Dr Dilip Maha, Professor and Mr Umesh, Associate Professor, visited Nissan service centre at LB Nagar, Nagole on June 12 2017. They introduced the visiting faculty to their shop floor and have an account of the services they provided. A discussion was also held on the feasibility of sending students for mini projects and relevant topics for projects. The Department of Mechanical Engineering organized a trip for the faculty members to Ramtech Industries, Charlapally. The faculty were introduced to the industry practices adopted at the shop floor and the manufacturing process implemented.



Internships

Name	Roll Number	Industry
D.Ram Prasad	15841A0320	NISSAN
V.Shanmukesh	16845A0314	
MohdHasham	14841A0338	Mahindra&Mahindra
D.Ram Prasad	15841A0320	RKS Motors
PraneetSaiPolimera	15841A0314	RKS Motors
ShaikMohdFaraz	14841A0391	BPCL
OmkarTirumala	14841A0330	BHEL
Mukesh Sharma	14841A0319	
VivekRajuThota	14841A0350	NISSAN
Bharat Simha Reddy	14841A0395	

Name	Roll Number	Industry
M.Jalender	14841A0317	ATI
S.ChandraMaran	14841A0374	
D.Sandeep	14841A0357	
K.Jagadeesh	14841A0385	
MohdSaifuddin	14841A0388	
B.Lokeshwar Reddy	14841A0356	



Faculty Development Programme

A week long program titled 'Know your labs' was conducted by the department of Mechanical Engineering for the faculty. The aim of the program was to familiarize the faculty in all the labs related to mechanical engineering and provide them with the skills to be able to conduct any lab if the situation arises. The faculty in charge of the lab and the subjects related to the respective labs instructed the other faculty on the equipment and how to operate them.

Department of Civil Engineering

Farewell

Mechanical and Civil Engineering faculty and staff collectively organized a farewell for Mr. V. Narsiah, HoD Civil and Associate Professor of Mechanical Engineering on 17.05.2017.

The activity started with lunch where the Director, Head of Departments, faculty and staff enjoyed the lunch.

Faculty paid glowing tribute to Prof. Narsaiah and praised him for his passion towards work, sincerity, dedication and cheerful nature.

In response Mr. V. Narsaiah spoke about the importance of correct implementation of what one learns, working with sincerity and utilisation of opportunities. He opined that faculty in a department should be like a family as most of the time is being spent in college.

Faculty Development Programme

Resource Person	:	Dr. M.Shobha, Professor
Topic	:	How to conduct laboratory
Laboratory	:	Strength of Materials
Target audience	:	Civil Engineering Department
Participants	:	6 faculty, 1 lab assistant
Topics covered	:	Universal testing machine, Simply supported beam
Discussion points	:	

1. Diameter can be measured in a different manner for torsion steel.
2. The more the elongation, more ductile is the material.
3. The more the area, more plastic is the material.
4. A building does not get damaged because of Factor of safety.
5. A graph gives better picture of a data. It gives average of the values.

Shake off Your Problems

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.

NOTES & QUOTES

“Learning is the only thing the mind never exhausts, never fears, and never regrets.”

– LEONARDO DA VINCI

Department of Electrical and Electronics Engineering

Get-together

On 30th of June the department of EEE organized a get-together to congratulate Mr. M. Upender Reddy for his successful registration to pursue Ph.D at NIT Nagpur. In view of this the HoD Mr. J Jawaharlal addressed the gathering and recollected the achievements and services rendered by Mr.M. Upender Reddy to the college. A special mention was made of his outstanding work in the examination branch.



Mr. M. Upender Reddy spoke about the details and the procedure for Ph.D registration and gave guidelines for the faculty and urged them to register for Ph.D work as early as possible. Every faculty member in the department expressed their views and thanked Mr.M. Upender Reddy for his direct and indirect help/ support.



**WORDS ARE FREE.
IT'S HOW YOU USE THEM,
THAT MAY COST YOU**

How A Free Watch Changed My Life- By Jakeron

Three months ago I was a slob by the very definition. I acted like a slob, dressed like a slob, and felt like a slob. I was unmotivated and by all accounts it looked like I didn't have much of a future. I was the kind of guy who would work at Walmart all his life and retire without doing anything. Well 3 months ago to the day, I was on my computer and saw an ad for a free watch. I had nothing to lose, so I ordered one. The watch arrived a week or two later.

When I opened the package, I couldn't believe how nice it looked. As I slipped it on my wrist I had a dose of reality hit me. This watch that I got for free looked better than any other piece of apparel I owned. That thought was in the back of my mind for the rest of the week until Saturday. I decided I needed to invest a little money into my appearance. I went shopping on Saturday to buy some clothing. Of course that morning I did a little reading on internet to find out how to dress better. I made note of some excellent pieces of advice and left the house.

That day I picked up a couple of dress shirts, two pairs of good fitting khakis and a denim jacket. Over the course of the next couple of weeks I began to take more and more note of my appearance. When I began to dress a little nicer, I felt better. I became attached to this feeling and began taking better care of myself. I started slowly making note of what I ate and how much water I drank per day. These little changes began to make big differences. I noticed my confidence starting to build. I bought more and more clothing that fit well and looked good.

I began to exercise. I started with some sit ups and jumping jacks at home. Followed by a small run around the block. At the beginning of May I bought my first gym membership. I was a little hesitant at first but began to enjoy it more and more. I visit the gym 3 times a week now! Today, I can say I'm a new man. I've changed my health habits, I changed my appearance and I've changed my attitude. I have ambitions now and I am going to achieve them!

Even the smallest things can serve as a wake-up call. Make small changes for the better every day and eventually you will become a better human being in your eyes and all those around.

NSS ACTIVITIES

National Integration Camp

The National integration Camp was organized by Osmania University at SREYAS Institute of Engineering and Technology (Nagole, Hyderabad) from 28-05-2017 to 03-06-2017. The 7 day camp aimed at generating leadership and team spirit qualities to ensure proper maintenance of oneself and the nation. Also, our inquisitiveness and interest to discover and learn about India's exotic culture was fulfilled by the gathering of five states- Kerala, Tamilnadu, Karnataka, Andhra and Telangana under one roof which made it feel like mini South India. Over thirteen universities from five contingents included agriculture, commerce, mass communication and technical NSS volunteers in the eve of centenary celebrations of OU. ATRI NSS volunteer M.NAVYA from ECE participated in the camp.

DAY 1:

The inaugural function started at around 5:30pm in the presence of Vishnu Dev and Dr.Karuna, NSS chief officers, OU. Shri.RambabuBotcha, Director of Ministry of Youth Affairs and RGNIYD (Rajiv Gandhi National Youth Development, Chennai) and PO's from all five contingents.

A workshop was organized on "Youth for Nation Building" by RGNIYD. The topics included

- Awareness on National Youth Policy(2011)
- Mahatma Gandhi National Rural Employment Scheme -- 100 days employment provision for village development.
- Activities held by Chennai Desi groups.
- National policy for Entrepreneurship and Skill Development, Start Up and Stand Up India.(16 January 2016)
- Pledge taken to utilize Right to vote and Right to information(RTI)
- The ceremony concluded with revisiting 100 years history and land marking events conducted by OU NSS unit.

DAY 2:

The morning schedule for all the seven days included jogging, exercise, yoga and meditation highlighting the fact that NSS nurtures physical, mental, social and spiritual facets of life. Later, Dr.Shaik Kamruddin, Dept. of Management, Maulana Azad National Urdu University helped us visualize the "knowledgeable society" and ignite self for creation of wealth with resonating motto "knowledge is power". In the brainstorming session volunteers were divided into six teams and group discussion was held on "Role of NSS in building knowledge society in a village during the seven day special camp". Along with discussion, volunteers interacted and learnt few sentences in different languages.

Predominant questions discussed:

- Addiction to alcohol consumption in villages
(sol: Organising self help communities and collaborating with NGO's to create employment for villagers.)
- Caste problems
(NSS volunteers of diff. castes organised a collective forum for respective castes & to solve their problems & unite them)
- Water scarcity and viral diseases
(Increase plantation and propagate pond culture. Share resource on basis of humanity) (Immediate vaccination)
- Agriculture yield 0 scarcity
(Disaster and livestock management session made compulsory. Diversified farming(pre seed survey) and (alternative like livestock) (seedball formation)
- The explicit discussion was colourfully presented in the form of chart work.

H = Have
O = Only
P = Positive
E = Expectations

DAY 3:

It was one of the exciting days, "The Cultural Day". Although the camp was announced just three days before, teams from all contingents ached their sleeves up for power packed performances. The evening was graced by the presence of Shri. Gopala Krishnan, State NSS officer, Dr. Suresh, Chairman, Sreyas College and Dr. Vishnu Dev "The language can never be a barrier. Emotions and expressions reach far beyond words." These instincts were well driven home by Kerala and Tamilnadu contingents when they performed "Meme" on "water scarcity" and "Problems of open defecation". Along with this, the group dance by Andhra received "standing ovation". Also, Solo singing, Solo dances, Magic show (by Jhansi, OU), Blindfold Rubic solving (by Pruthvi, Palamuru University) were interesting. Appreciating others' strength is half owning it by ourselves. End of the day, every one is unique and "integration" is when the "unity makes uniqueness a strength".

DAY 4:

Hyderabad, the city of Nawaabs is known not just for its food and heritage, but also for its growth and diversity. Surprisingly, a total of 152 volunteers were taken on trip to explore this glorious city to spread awareness on "World NO Tobacco Day". Volunteers were amused by the great architecture of Birla Mandir, Charminar and Golconda Fort.

DAY 5:

This day marked the beginning of another phase in the camp with a two - day stay in Kanha Shantivanam, to practice heartfelt meditation with vibrating 'purity weaves destiny' theme. The centre was 2000 acres big and volunteers explored the place in the evening. All the meditation sessions were conducted in "sanctum" like garden.

DAY 6:

The formation day of Telangana State was celebrated along with the District collector Ms. *VijayaLakshmi*, authorities of Kanha, and five contingent of volunteers, with NSS flag & National flag hoisting marking a bright beginning. Innovative "Water harvesting method- filling trunk of tamarind trees with lining of Cu & Zn to retain more ground water" was demonstrated followed by session on entrepreneurship by *Shri.Santoshji*. Later, interaction session with '*Dhaji*' (*Shri.Kamleshji*), senior and chief of Ram Chandra Mission, uplifted the spirits & guided volunteers about Sahaj Marg Meditation in five sessions.

DAY 7:

Osmania University hosted the valedictory ceremony on the last day. Prof. Shekar Vore, special Chief Guest, Prof. R. Gokula Krishnan, Guest of Honor, were accompanied by Prof. Limbadre, Vice-Chancellor, OU, Prof. Ramchandran, Prof. M. Satyanarayana, Prof. Vishnu Dev.

The "State Championship" was awarded to Kerala. All the volunteers were awarded mementoes to appreciate their contribution to the camp and to NSS. Our college volunteer M. Navya was one of the best volunteers in the camp.



FACULTY ACHIEVEMENTS

- Dr. Ekbal Rashid's article "Disease Detection on the Basis of Multiple Symptoms by Expert System" has been accepted in June 2017 for publication in International Journal of Disaster Recovery and Business Continuity (IJDRBC), SERSC, South Korea, ISSN 2005-4289, Vol 8, Nov 2017 (to be published) indexed in ESCI, Web of science, Clarivate Analytics (earlier it was Thomson Reutor).
- Mr. Mohan Prakash, Dr. Ekbal Rashid published a paper titled "A review of programming languages for web scraping from software repository sites in International Journal of Engineering and Technology (IJET), Vol 9 No 3 Jun-Jul 2017.
- Dr. Ekbal Rashid published a book titled "Enhancing Software Fault Prediction with Machine Learning: Emerging Research and Opportunities" by IGI, Global, USA, June 2017. IGI Global has placed this title in the Advances in Systems Analysis, Software Engineering, and High Performance Computing (ASASEHPC) book series.
- Ms. G.Varalakshmi, Associate Professor, CSE department has attended an FDP programme on 'Big Data Analytics and 'Internet of Things' from 22nd – 31st May, 2017, organized by the Department of Computer Science and Engineering, National Institute of Technology, Warangal.
- Ms. Ramanamma, Asst. Professor, CSE department has attended a three day workshop from 29/06/2017 to 01/07/2017 at CMRIT on 'Bigdata Analytics'.
- Ms.D.Kalyani Assoc. Professor, Maths department has published a research paper titled "Lecture notes on Frame Theory" in the International Journal for Mathematical Trends and Technology" in July 2017, ISSN2231-5373.
- Mr SonuKumar, Assistant Professor attended a workshop on 'Research Methodologies' organized by SAE India at MLRIT, Hyderabad
- Mr. K. Satish Babu, Assoc. Prof, Ms. J. Santhoshini, Asst. Prof., Ms. N. Swathi, Asst. Prof., and Ms. K. Aparna, Asst. Prof., have attended PCB forum conducted by Mentor Graphics on the "Optimal mentor solution for advanced routing techniques" in Taj Deccan, Banjarahills on June 9, 2017
- Ms. P. Mamatha, Sr. Asst. Prof. has attended one week workshop on "Digital and Analog Design using cadence tools" at CVR college of Engineering from 5th June to 10th June, 2017
- Mr. K. Hari Krishna, Asst. Prof., and Mr. K. Satish babu, Assoc. Prof. have attended MATLAB Expo 2017 in HICC, Hyderabad on 27th April 2017
- Mr. Md. Nizamuddin Salman, Sr. Asst. prof. ECE, attended a National workshop on "Real time DSP implementation on TMS 320C6713 DSK" organized by KKR & KSR Institute of Technology & Science, Guntur during 8-10 June 2017
- Mr. Md. Nizamuddin Salman, Sr. Asst. Prof published a paper on "Adaptive Noise cancellers for cardiac signal Enhancement for IOT based health care systems" in Journal of Theoretical and Applied information technology, 31st May 2017, Vol 95, Issue No. 10
- Mr. Md. Nizamuddin Salman, Sr. Asst. Prof., has attended hands on workshop on "Overview of Raspberry Pi, Aurdino Microcontrollers Boards, Programming and Applications" conducted by JNTU Jagityal on April 4th, 2017.
- Ms. Kalyani, Assistant Professor, Mechanical Engineering attended an FDP on 'Innovative Techniques in Engineering Graphics' organized by Anurag group of Institutions, Venkatapur held from 5th to 7th July.
- Dr DilipMaha and Mr B. Anil attended a two week FDP on 'Entrepreneurship Development' organized by the School of Enterprise and Eextension from 3rd -15th July 2017.

UPCOMING EVENTS

Date	Event/Activity
July 1st week	STAAD PRO Training, CE
July 3 rd week	Student Internships, CE
03 to 08 July	One week workshop on "ARDUINO and RASPBERRY PI" for final year students, ECE
13 to 14 July	Two day workshop on "Digital Design using Verilog Programming", ECE
25-7-2017	Address by Ambarish, Alumni on Future Scope for II & IV EEE students
28-7-2017	Awareness program on Govt. certified job oriented courses by G. Sanath Kumar, Asst. Director of CITD, EEE

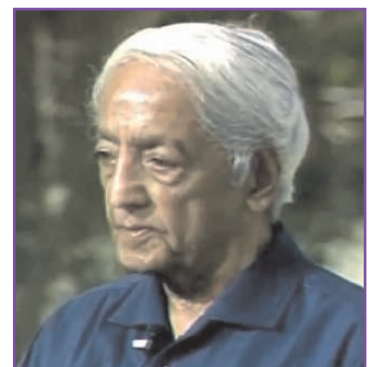


May 18 - International Museum Day

The worldwide community of museums celebrate International Museum Day on 18 May every year. The theme chosen for 2017 is "Museums and Contested Histories: Saying the Unspeakable in Museums". The objective of International Museum Day is to raise awareness of the fact that, "Museums are an important means of cultural exchange, enrichment of cultures and development of mutual understanding, cooperation and peace among people." Unlike a treatise or a verbal narrative, a museum offers a lively feeling of how people lived and enjoyed life, suffered, fought and interacted in the past. Procuring, preserving, maintaining and showcasing the exhibits of the bygone era in a presentable manner takes enormous efforts. By offering a glimpse into the ethos of other cultures, museum collections subtly reinforce the commonality of human instincts and aspirations, serve as a bridge to indigenous populations and foster peace and harmony in society.

Inspiring Personality- Jiddu Krishna Murthy

Jiddu Krishnamurti (1895-1986) was a philosopher, writer and international lecturer born on May 12, 1895 in Madanapalle, Andhra Pradesh. He talked about the things that concern all of us in our everyday lives, of the problems of living in modern society with its violence and corruption, of the individual's search for security and happiness, and the need for mankind to free itself from inner burdens of fear, anger, hurt, and sorrow. He explained with great precision the subtle workings of the human mind, and pointed to the need for bringing to our daily life a deeply meditative and spiritual quality. Education was always one of Krishnamurti's chief concerns. His foundation KFI runs schools in many countries. Set in places of natural beauty and serenity, the study centres provide an environment conducive for studying and reflecting upon existential questions.



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