

Aurora Bulletin



Aurora's Technological and Research Institute



Director's Message

Dear Readers,

Greetings!

ATRI has taken some new initiatives in the month of July in order to streamline academic activity and discipline on campus and the academic teams were busy implementing them. To improve the teaching learning methodologies the college has taken the initiative to conduct class inspections to observe the effectiveness of the teaching learning mechanisms being implemented in the classroom along with the conduct of teachers and students. In order to ensure monitoring of student dress code and discipline at all places on campus by all faculty members, surprise visits are being conducted by teams of senior faculty members. The use of cellphones is also strictly banned on campus as it has become a severe distraction for students. We are largely successful in implementing these initiatives and I take this opportunity to thank all the faculty members who have been supporting us.

During the same time the college has got allotments for B.Tech I year courses and we are proud to share with all our readers that we got 100% of our seats filled in convenor quota under all six branches including CSE, ECE, EEE, IT, ME, and CE. The class work for first year students will begin from the first week of August with an Induction Programme and the preparations for the same have started. Student Activity Committee was reconstituted with the present third year students and the committee has started charting plans for the ensuing academic year. The college has also been conducting various competitions in technical, cultural, literary, and sports activities for the upcoming independence day celebrations for all students and staff which continue till the first week of August. The month of July has come to an end with the celebration of success of our graduating students in the form of convocation ceremony, Snataka, which has witnessed several high profile guests from government, industry, and academia, awarding degrees, medals, and certificates to our students. I thank all the faculty, staff, and students for their continuous support in making all of this possible.

As said by Henry Ford, "If everyone is moving forward together, then success takes care of itself".

- Srikanth Jatla

2

Snataka

13

Haritha
Haram

16

Teacher
Development

Contents

Snataka, p2-p4

Street Cause Club, p5

Research Development
Committee, p5

SAC, p5

Department of ME, p6-p7

Department of CE, p8

Department of CSE, p9

Department of ECE, p10

Department of Maths, p11

Department of EEE, p12

Haritha Haram, p13

Basic Truths of Life, p14

Literary Club Activities, p15

Teacher Development, p16-p17

True Happiness, p18

Gallery, p19

Upcoming Events, p20

Editorial Board
Mr. Srikanth Jatla
Dr. P. Bharathi
Ms. V. Shilpa
Ms. K. Supriya
Mr. R. Pranav
Ms. Prasanna Laxmi
Ms. L. Aparna

Design and Layout
Ms. G. Sumalatha

COLLEGE ACTIVITIES

"Snataka" Convocation Programme on 31st July 2016

Literally meaning a "calling together," the convocation assembles all passed out students and their families, the faculty and the trustees of the Aurora Consortium and an array of guests. Snataka is conducted every year and the group of five Engineering colleges celebrated it together. It is an occasion to savour one's achievements and share the joy with parents, teachers and peers. Though the moments are nostalgic, they are inevitable and full of memories.



Snataka programme was conducted in two sessions. In the morning session all the guests assembled in the Council hall and arrived in a procession to the main venue with the Military Band leading the way. Gold medals were awarded to meritorious students from each college. Certificates of Excellence were presented to the department toppers in each of the colleges. In the afternoon session the remaining students were awarded certificates. All the colleges had group photo sessions on the stage and outside the auditorium.

The chief Guest of the programme was His Excellency, Shri. Ch. Vidyasagar Rao Garu, Hon'ble Governor of Maharashtra. He congratulated all the students for successful completion of graduation, faculty for their contribution and the management of Aurora Colleges for their contribution to the progress of Engineering education in Telangana. While referring to Prime Minister Shri. Narendra Modi's words on higher education and National Skill Development Programme, he mentioned that by the year 2020, the working population of India will increase in leaps and bounds. So the quality of higher education is a matter of concern. He advised the students to strive to become job providers and not just job seekers.

Hon.ble Secretary, Aurora Consortium, Dr. Ramesh B. Nimmatouri addressed the gathering with interesting episodes and examples from Vedas and scriptures to remind the graduating students about the greatness of our culture and the responsibilities of a true citizen. He narrated how the gurusishya parampara is highlighted in our society and the role of teacher in a student's life.

The president of "Snataka" was Dr. A. Govardhan, the Principal of JNTU College of Engineering, Hyderabad. He is a renowned academician and has received many awards and has many publications to his credit. In his address he encouraged the students to focus on gaining knowledge and career growth. Other guests included Mr. Sridhar Chunduri, Chief Technology Officer, WELLS FARGO, Mr. G. Bhaskar, Director, Public Relations, Telangana Academy for Skills and Knowledge, Mr. K. Mohan Raidu, Director, Informatics India and Shri. K. Panduranga Rao, Vice- President, IVRCL Ltd. All the speakers highlighted the role of technology, entrepreneur skills and knowledge development for the bright career of passed out students.

The afternoon session was full of enthusiasm and spirit as the Guest Speaker Shri. Garikapati Narasimha Rao garu enthralled the audience with his witty and mirthful speech full of funny examples related to many contemporary social issues. He stressed upon the importance of five elements or five 'V's which are in translation - importance of right way of speaking, proper body language, decent way of dressing, role of education and necessity of obedience. An appropriate blend of these elements in right proportions is necessary to achieve success and lead a peaceful life as they help in avoiding unwanted controversies and conflicts.



His Excellency
CH. Vidya Sagar Rao
Governor of Maharashtra



Secretary
Dr. Ramesh B. Nimmatouri
Aurora Consortium



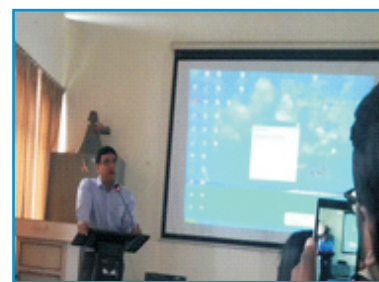
President of Snataka
Dr. A. Govardhan
Principal, JNTUCEH



Street Cause ATRI

Street cause is an Organization formed by young people in Hyderabad. Street cause is an all student NGO. The aim of this organization is to help out and serve the people near to our area, mainly concentrating on orphanages and old-age People. In our College Street cause was initiated by two third year students of CSE Department Mamatha & Priyanka. The street cause club was formed with 32 students as volunteers. The club was inaugurated by Director sir Mr. J. Srikanth on 23-07-2016 and the guest for inauguration was Ms. Yashna, member of Organising Committee of Hyderabad Street Cause organizations.

Street cause club President: Ms. Mamatha
 Vice President: Ms. Priyanka
 Faculty Mentor: Mr. P. Veer Kumar, Asst. Prof. CSE



Seminar on Research Methodology



A seminar on Research Methodology, organized by Research and Development cell was held on July 23, 2016. The course was delivered by Dr. DilipMaha professor of Mechanical department, ATRI and Dr.Srinivasa Rao, professor of ECE department, Malla Reddy Engineering college. More than 50 faculty members from various departments participated in the event. This course was intended to develop research ideas in the faculty members and encourage them to do research in their relevant fields of engineering. Dr. DilipMaha told the importance of research in teaching and Dr.Srinivasa Rao gave several ideas for research and how to proceed. He also shared his valuable experiences with the faculty members.

Reconstitution of Student Activity Committee

Student Activity Committee has been reconstituted this year with a present III year students from different departments. They are elected by the class representatives by voting system.

SAC is an independent body of the campus that acts as a liason between the management & students. It is the backbone of all the committees. It aims for the overall improvement of academics and co-curricular activities. It takes the initiative for organising several activities on campus and off campus as well.

S.No	Name	Dept.	Designation
1	Syed Shah Mujtaba Hussaini	ME	President
2	Kethi Reddy Sagar Reddy	ECE	Vice President
3	J. Akshadha	CSE	Gen. Secretary
4	S. Nainjeeth Kaur	EEE	Joint Secretary
5	K Mohit	CE	Treasurer
6	K. Rahul	ME	PRO
7	Gandikota HVK Sai Sudha	ECE	PRO
8	M. Rama Raju	CSE	PRO



DEPARTMENT ACTIVITIES

Department of Mechanical Engineering

Guest Lecture on Solid Works

Solid works is software published by Dassault systems and used by Engineers for Computer Aided Design (CAD) and Computer Aided Engineering. It is currently in use in over 165000 companies and over two million Engineers are said to use it. A Guest Lecture on Solid works was organized on 15th July for third and fourth year students. Mr. Sadanand Lanka from 'Vivatech' was the resource person. The lecture focused on the importance of 3D CAD in today's industry with an introduction to Solid works 3D, its features and capabilities and its add-on modules. This was followed by a discussion on the application of the software in various Engineering segments. The speaker also educated the students about the procedure involved in becoming a qualified Solid works user. The session lasted one hour and was well received by the students.



Cricket Tournament

An Inter class cricket tournament was conducted by the Mechanical Engineering Department on 16/7/2016. The matches were held for a duration of 6 overs each and followed a knockout format. The final contest was between Mechanical IV-A and Mechanical IV-B. Mechanical IV-B was declared the winner of the competition.



Quiz Competition by Urja



A technical quiz was conducted by Mohammad Saifuuddin (14841A0388), Ravi Prakash (14841A0321), M.Vamshi (14841A0335) and M.Shreiyas (14841A0336). The quiz consisted of three rounds where the first round dealt with general knowledge, the second round dealt with inventions while the final round focused on Mechanical Engineering core. A total of 16 teams participated in the Quiz. The students were predominantly from Mechanical third and fourth years. The winners of the Quiz were the team of Mohammad Ilyas (14841A0394) and Chandra Maran (14841A0374) of Mechanical III-B.

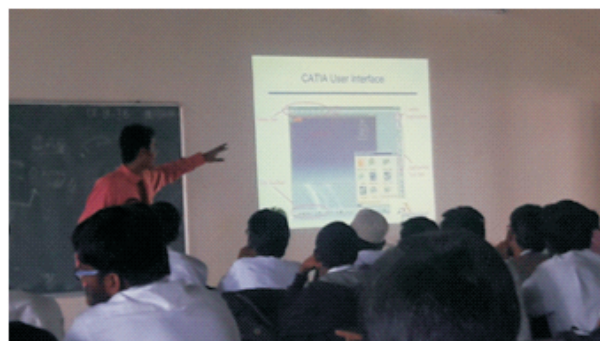
Mock Group Discussion

A Mock GD was conducted by Ravi Prakash (14841A0321), M.Vamshi(14841A0335) and M.Shreiyas (14841A0336). The topic given for the preliminary round was 'Melting glaciers- Their effect of Global Warming'. A total of 24 students participated in the GD and were divided into groups of 12 each. The 6 best students from each group were selected for the final. The topic given in the final round was 'Importance of Sports in Education'. Students put forth their perspectives and D. Akash from Mechanical IIIA was declared the winner. Students were very receptive of the idea of having regular mock GDs as they realize that this is a platform to gain different views and insights on a topic that do not necessarily agree with their own.



Seminar on CATIA

CATIA (computer aided three-dimensional interactive application) is a multi-platform computer-aided design (CAD)/computer-aided manufacturing (CAM)/computer-aided engineering (CAE) software suite developed by the French company Dassault Systèmes. It started as an in-house development in 1977 by French aircraft manufacturer Avions Marcel Dassault, at that time customer of the CAD/CAM CAD software to develop Dassault's Mirage fighter jet. It was later adopted in the aerospace, automotive, shipbuilding, and other industries. The Electronics Corporation of India Ltd was represented by Mr J.V.S.Subrahmanyam (Senior Technical Project Trainer) and his deputy Mr D.Sankeerth.



A demo was conducted on 22/7/2016 on 'Introductory Seminar on CATIA Workshop' organized by Electronic Corporation of India Ltd in association with Dassault Systems.

The topics covered under the workshop were

- Introduction and working procedure of the organization
- Role of the computer education division in moulding student careers.
- Brief on dassault systems and it's evolution.
- Introduction to CATIA.
- Importance of CATIA in the designing industry.
- Career opportunities.



Department of Civil Engineering

Mini Militia

A college level fun game headed by Mr V.Manikanta .A phone game of multiplayer user.



Model Presentation

A department level event headed by Mr R.Jaipal .A maximum of 3 members in a team .The participants need to prepare the model at home by using Popsicle sticks (Ice-cream) and glue. No other colours and materials to be used on it. And the model should be of Bridge Truss, which should not exceed more than 2 feet (length) and 1 feet (height). WB and testing of Bridge Model was conducted on 26th July 2016



Bead Puzzle

A college level fun game headed by Mr. N. Kranthi kumar. Participants are given a box of beads with a word. Person who fills the thread with beads making a meaningful word is selected as winner.

Tambola

A department level event headed by Mr. A. Karthik , Asst . Prof .About 100 participants had fun. Winners were declared for finishing first

First five numbers : Akshitha(CSE)
 First row : Rakesh (Civil)
 Second row : Rakesh(Civil) & Suvarna (ECE)
 Third row : Prathiba (CSE)
 Full house : Sindhu(ECE)

Sudoku

A department level event headed by Ms. S. Jaya Keerhi between 1:00 pm to 2:00 pm. About 20 participants tried to solve the puzzle.

- Winner: V. Sri ram (CSE)

Quiz

A department level event headed by Mr. A.Karthik and L.Aparna between 10:00 am to 12:00 pm. A team consists of two members. About 20 teams participated in the quiz .This event has four rounds.

- G.K. [Written test]
- This is aimed to test the general knowledge of a student. This includes 25 questions from current affairs, science.
- TECHNICAL AWARENESS [written test]
- This aims at testing an individual's basic knowledge of civil engineering.
- This consists of 15 questions.
- PATRIOTISM [written test]
- This aims to bring out hidden patriot from student. This consists of 15 questions.
- 10 written questions summed up to 20 marks.
- GUESS THE PICTURE [Visual round]
- A picture of a famous personality or an insignia is displayed for identification.
- This consists of 5 pictures.



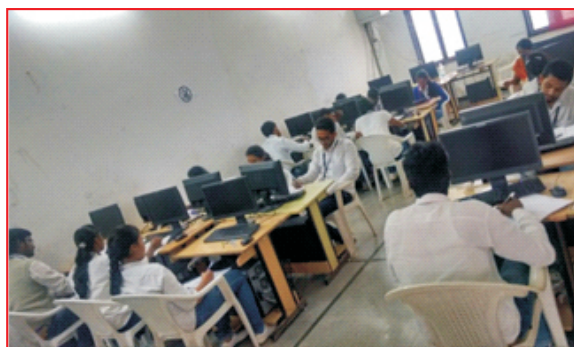
Technical Quiz – II

This quiz aims to make student face internal objective papers with ease. Model objective papers were prepared by faculty for students .Conducted on 30/7/2016 in their respective classrooms for I semester students.

Department of Computer Science and Engineering

Mock Interview

A mock interview was conducted in CSE department to help final year students to prepare and strategize for future interviews. The department has planned for four rounds: Technical written test, Technical interview, Group discussion and HR. The students are informed one week in advance that the first 2 rounds will be conducted from 5 subjects (C programming, JAVA, Operating systems, Database management systems, computer networks). The written test and interview were conducted on 23-07-2016 AN. 61 students of IV A, B and C appeared for the written test and



— students were selected for second round. The technical interview was conducted on same day and 11 students were selected for the next round. The group discussion and HR round is scheduled on 4-08-2016 AN.

Technical Quiz

On Friday, i.e. 29-July-2016 Round 1 written test (an elimination round) has been conducted for the students of 2nd and 3rd years of CSE and IT. Each team consisted of two members.

Participants of technical quiz :

K. Pranav & Ch. Satish of II A
 Niharika A & Anisha Y of III A
 Moutrishna Ray & Nagender of III B
 R Srinithya & G Soujanya of III A
 K Abhinav & G Adithya of III B
 C. Srikanth & Avinash of II A
 G Manaswini & P Anusha of III A
 P Nikhil Kumar & K Sumith of III B
 Manisha & Krishnaveni of III A
 Saritha & Monika T of III A

ROUND 2 - ORAL round on technical questions
 ROUND 3 - VISUAL round on C and technical logos
 ROUND 4 - RAPID FIRE (time managing round)

On Saturday the remaining Rounds were conducted for the students who were selected from written test.

Judges for technical quiz are: Ms NIRMALA JYOTHI Assoc prof and Ms SUMATHI Sr Asst prof

Selected students for ROUND 2,3,4 :

K. Pranav & Ch. Satish of II A
 Niharika A & Anisha Y of III A
 Moutrishna Ray & Nagender of III B
 R Srinithya & G Soujanya of III A
 K Abhinav & G Adithya of III B
 C. Srikanth & Avinash of II A

Winners of Technical Quiz:

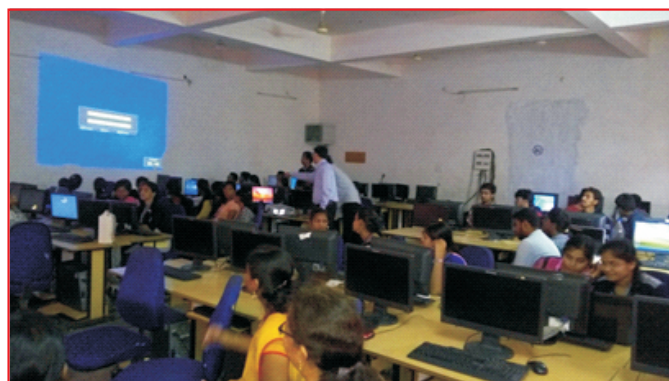
K. Pranav IIc & Ch. Satish of II A

Runners of Technical Quiz:

C. Srikanth & Avinash of II A

Workshop on “Adobe Photoshop”

A one day workshop on "ADOBE PHOTOSHOP" conducted by GIRIJA SUTHOJU, Asst prof. and S. JHANSI RANI, Asst. Prof., department of CSE and IT On 30th July 2016. There were 41 participants from various branches. This Photoshop focused on installation of Adobe CC software, actions, mockups, text effects, designing, creative resume and photo manipulation. The speaker was Mr. Harsha Puranam.



Coordinators:

1. Akshadha jyothis CSE 3A
2. T. A. Sharath kumar CSE 3A
3. S. Goutami CSE 3D
4. S. Soumya CSE 3D

Department of Electronics and Communication Engineering



Guest Lecture on Cellular Mobile Communications System

A cellular mobile communications system uses a large number of low-power wireless transmitters to create cells—the basic geographic service area of a wireless communications system. ECE dept has organized a guest lecture on Cellular and Mobile Communications on 23rd July, by Dr. S. Srinivas Rao, HoD, Dept. of ECE at Mallareddy College of Engineering for women for the final year students. The session was very informative and knowledgeable.

Ability
is what you're
capable of doing

Motivation
determines
what you do

Attitude
determines
how well you do it

Guest Lecture on Digital Image Processing

The Dept of ECE has organised a guest lecture on Digital Image Processing on 16th July, 2016 for final year students by Prof. B.L.Deekshatulu. He has distinguished himself through his research and technological contributions in the field of Control systems, Remote Sensing and Digital Image Processing. He obtained B.Sc. (Engg.- Electrical) degree in 1958 from the Banaras Hindu University, and M.E. and Ph.D. degrees from the Indian Institute of Science (I.I.Sc.), Bangalore. He was awarded Martin Foster Medal by I.I.Sc., for best Ph.D. thesis. He joined IISc as Lecturer in 1964, became Professor in 1970, and continued in that position till 1976. Dr. Deekshatulu visited USSR during 1968 as a Government of India delegate for setting up School of Automation at I.I.Sc., Bangalore.

The session gave a glimpse on fundamentals of image processing and image enhancement techniques in spatial and frequency domain, image compression and image morphology. The students were inspired and gained knowledge from the eminent speaker.



Workshop on Android Applications

Dept of ECE organized a two days workshop on Android App Development under IETE Professional Body on 21st and 22nd July 2016. This workshop was conducted in association with Softmerge Solutions Private Limited. 104 students from ECE and CSE departments participated in this workshop. Mr. N. Bhargav, Sr. Manager, Softmerge Solutions, and his team comprising of two members conducted this workshop. Hands-on experience was provided to the students and two real time apps were developed by them.



Departments of Mathematics & MBA

Probability and Statistics Written Test

The department of Mathematics had conducted a written test for CSE and IT students in Probability and Statistics on 23rd July 2016. 72 students from CSE and IT departments participated in this programme. The Programme was organized by Mr.D.Venu gopal Reddy ,Asst Prof. and Mr.D.Srinivas, Sr.Asst.Prof.

Winners: First prize Ch.Satish Chandra CSE-IIA
 Second prize Snehal Machan CSE-IID
 Third prize Praneet sai ME-II



MFCS Written Test

A written test was conducted for CSE and IT students in Mathematical Foundations of Computer Science on 27th July 2016. 72 students from CSE and IT departments participated in this programme. The Programme was organized by Ms.Saritha, Asst Prof. and Ms. L. Eswaramma, Sr. Asst. Prof.

Winners: First prize A. Sowmya, CSE-IIA
 Second prize Vishwaja, CSE-IIA

Mathematics III Written Test

A written test for ECE students was conducted in Mathematics III on 30th July 2016. 72 students from CSE and IT departments participated in this programme. The Programme was organized by Mr.Naresh ,Asst Prof.Mr.D. Venugopal Reddy Asst. Prof.

Winners: First prize K.Hari Priya ,ECE-IIA
 Second prize A.Manikanta ,ECE-IIA
 Third prize P.Sai Shekar,ECE-IIB



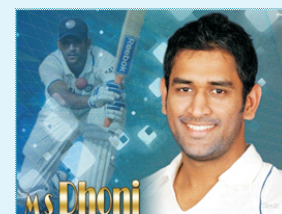
General Knowledge Test

The department of MBA had conducted a written test for all II,III,IV year students In General Knowledge on 25th July 2016. 60 students from different branches had participated in this programme. The Programme was organized by Ms.E.Navya Sri, Sr. Asst Prof. Ms.Yamuna, Asst.Prof.

Winners: First prize P.Manoj Kumar, MECH-IVA
 Second prize G.Vinay, ECE-IVB

Inspiring Personality

Born on 7th July 1981 in Ranchi, Mahendra Singh Dhoni's arrival in Indian cricket and his subsequent rise has been a story of unprecedented success. Of all the players of the present generation, it is Dhoni who symbolizes the new India well. Aggressive without being brash, successful without being arrogant, and seemingly possessing a Midas touch, Dhoni is the perfect blend of a role-model and pin-up star. Dhoni announced himself on the international stage with an array of almost agricultural shots and a bat that he wielded like an axe. In his fifth match, he smashed 148 off a Pakistan attack that didn't know what had hit them. Six months later, he scored a brutal 183 not out against Sri Lanka in an innings that made Virender Sehwag look snail-like. That innings also saw him break Adam Gilchrist's record for the highest score by a wicketkeeper in a One Day International. His growing stature and cool-headedness led to his appointment as India's captain for the inaugural T20 WC, where Dhoni's calm leadership steered India to victory.



Department of Electrical and Electronics Engineering

Workshop on “MATLAB & Its Applications

Mr. G Vijay Krishna, Associate Prof., EEE conducted a one day workshop for students of third year on 16th and 23rd to provide theoretical and practical introduction to MATLAB. This workshop was intended for the broader academic community who seek to explore the impact of MATLAB in the industry and academics. Workshop provided students with a personalized experience that was rich with technical knowledge. This workshop covered basic concepts of MATLAB and its Applications in various areas. Topics covered in the workshop include ,Introduction to MATLAB, MATLAB key Words, MATLAB functions, . m file creation, Simulink and Sample simulations.



FACULTY ACHIEVEMENTS

- Dr. P. Bharathi , Profesoor and HoD ,English Department has co-authored a prescribed Textbook in Telangana "Pedagogy of English- B.Ed", Ed;Prof. S. Mohanraj, Published by Telugu Akademi, Hyderabad in July 2016, ISBN no 81810326-4.
- Ms. S. Krishnaveni, Associate Professor and Ms. G. Sirisha, Assistant Professor from Chemistry department have attended a one day Faculty Development Programme on 'Enviro Chemistry in Day to Day Life' at Vidya Jyothi Institute of Technology, Chilkur, on 16th July 2016.
- The abstract for the paper titled 'Optimization of the process parameters of WEDM of a Stainless Steel 440C Component' by Pranav R (Assistant Professor) has been accepted for AIMTDR 2016 to be held at College of Engineering, Pune between December 16-18.
- G.Kalyani Reddy, Teaching Assistant, Cleared her Solidworks certification exam on 30/7/2016 with a score of 225/240. The exam was held at Vivatech Design Studio and was of the online format. The exam lasted for 150mins and consisted of 14 questions of which she was able to answer 13 successfully.
- Dr Dilip Maha, Professor, Mechanical Engineering addressed the participants at the workshop on “Research Methodology” conducted by the ECE department on 23/7/2016.



NSS ACTIVITIES

Haritha Haram



It is a flagship programme of the Telangana Government which envisages increasing the present 24 % tree cover in the State to 33% of the total geographical area of the State. The thrust areas to achieve the above are initiatives in notified forest areas and in areas outside the notified forest areas. The first objective is sought to be achieved by a multi-pronged approach of rejuvenating degraded forests, ensuring more effective protection of forests against smuggling, encroachment, fire, grazing and intensive soil and moisture conservation measures following the watershed approach. Major fillip is sought to be given to Social Forestry for achieving the second objective. In the areas outside the notified forest, massive planting activities will be taken up in areas such as; road-side avenues, river and canal bank, barren hill, tank bunds and foreshore areas, institutional premises, religious places, housing colonies, community lands, municipalities, industrial parks, etc. National Forest Policy of India envisages a minimum of 33% of the total geographical area under forest / tree cover to maintain environmental stability and ecological balance that are vital for sustenance of all life-forms, human, animal and plants.



Planting Saplings in and around the college

Haritha Haram Programme was implemented in the college by planting saplings on 11.July.2016. Director I/c Mr. Srikanth Jatla and NSS Programme officer Mr.Venu Gopal Reddy with the help of all HoDs, faculty, non-teaching staff , students and volunteers of NSS conducted this event from 9:30am to 4:00pm. Hundred NSS volunteers and thirty students and all HOD's and faculty participated and made the event a great success. Pits were prepared by volunteers near the main gate of the college on both sides (right & left), around the parking area, in the play ground. All the participants planted different varieties of plants. On the right side of the gate in the empty space twenty saplings were planted covering the complete area with one block distance between plants. First, Director Mr.Sikanth Jatla planted two Tamarind saplings at the entrance gate and started the event. Then Mr. KrishnaMohan Reddy, Municipal Commissioner, Mr. B. Naveen Reddy ,CI of Medipalli and Ms. D Chandrakala, MPTC planted one sapling each. Every faculty and HoD of ATRI planted saplings on the right side of the entrance. NSS volunteers planted hundred saplings on the left side of the main gate. Around thirty students completed the task of planting saplings in the play ground and the parking lot. After lunch break with the NSS Programme Officer as in- charge, hundred fourth year students went to Parvathapur village and planted 600 saplings along the roads and in the village from 12:40pm to 4:00pm. Village Sarpanch and other leaders of the village also took part with great enthusiasm.



NSS Volunteers Meeting

NSS Programme officers Mr. Venugopal Reddy, Asst. Prof, Maths and Mr. Hari Krishna, Asst. Prof, ECE Dept conducted a meeting of the NSS Volunteers on Wednesday 20/07/2016 in the seminar hall, New Block. The itinerary of the upcoming events which are going to be held on the eve of Independence day were discussed. In continuation with the tradition of celebrating Independence Day in the Govt. school which was adopted by our college the NSS unit is also planning to visit some Old age homes. They are also trying to collect clothes from the students to distribute them in the old age homes.



Basic Truth Of Life

M. Vamshi, Mech III-A

We humans waste most of our time in procrastination. Actually nobody can waste time. It is we who are being wasted by time. Time is something that you can lose it for free but that time lost can never be regained. There's a saying "TIME AND TIDE WAITS FOR NONE".

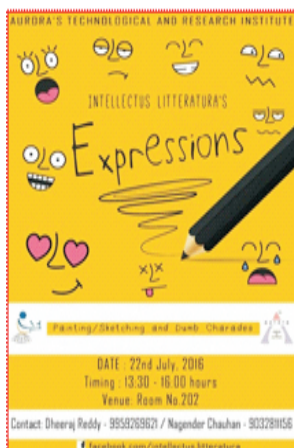
It is indeed true. Time comes and goes, don't waste it on people who can't accept you for who you are. Don't wait for someone or something to come into your life to change it. Explore as much as you can, find the key to happiness and unlock the door of joy. No one except you holds the key to your life.

The most remarkable feature of time is its preciousness. Time is the same for everyone but successful people are those who can make use of time effectively. Those who have realized the basic truth of life never allow time to pass away unused. Planning and proper implementation of time always guarantees success. Neither excuses nor can shortcuts make up for it. Life is full of excuses if you choose it to be so. Never look back at what you have lost. Just learn to move on with time. Nothing heals wounds like time. It teaches you everything. Time is the best medicine. Have faith in time and fortune.

Understand the importance of time and try to make a change in your perception from this moment itself. The next second may change your destiny forever. If you want to know the value of one year, just ask a student who failed in a course. If you want to know the value of one month, ask a mother who gave birth to a premature baby. If you want to know the value of one hour, ask someone waiting to meet a celebrity. If you want to know the value of one minute, ask the person who just missed the bus. If you want to know the value of one second, ask the person who just escaped death in a car accident. And if you want to know the value of one-hundredth of a second, ask the athlete who won a silver medal in the Olympics.

Every moment brings a lot of opportunities with it, therefore we must not allow such time to slip away like sand from our hands. What we all have to do is simple "BE YOURSELF, ENGAGE YOURSELF IN RIGHT CAUSE AND STICK TO IT WHAT EVER SO HAPPENS" and give some time to time so that it can change your time. So fasten your seat belt and get on to the right track called life. This article is an initiative to utilize time in a better way and by reading this you have utilized one twenty seconds of your time in a right manner.

LITERARY CLUB ACTIVITIES



Expressions!

“Expressions” was an event conducted by the ‘Intellectus Litteratura’, on the 22nd of July, 2016 in the Seminar Hall – Room No. 309. ‘Expressions’ was the first event conducted by the Literary Club in this academic year 2016-17. The event consisted of two competitions – Painting/Sketching and Dumb Charades. The participation was commendable from all the three years of study and from all the departments.

Both painting/sketching and Dumb Charades took place at the same time. Dumb Charades was held in three rounds while the teams got to choose their own language of books/films. The third round was made difficult by giving any random book/film. While, the theme given for Painting/Sketching was ‘City Life v/s Village Life’.

The winners are

1. Shravani N, Nirmala, Anuraghalata – CSE II B
 2. Mahipal, Jyothi, Rupa – ECE A
 3. Divyashree, Navya N, Soumya K – CSE II B
- Painting/Sketching
1. Samuel Joseph – ECE IV C
 2. Y Pratyusha – CSE II D

World Nature Conservation Day

World Nature Conservation Day is observed on 28th July all over the world with the objective of increasing awareness about and protecting the natural resources that the Earth is bestowed with. We must save, conserve and manage our natural resources for the well being of present and future generations. It is important to inculcate environment-friendly habits to lead a Green Lifestyle. On this day let us make a conscious effort to conserve nature.

Some simple practices that can make your lifestyle green if followed in daily life :

- *Help in conservation activities in your area/ surrounding natural areas.*
- *Participate in the environment awareness activities.*
- *Wise use of resources like paper, fuel etc.*
- *Efficient use of water & energy at home.*
- *Try to avoid use of plastic bags while shopping.*
- *Be a responsible tourist by practicing eco-tourism.*
- *Avoid littering around during travel.*

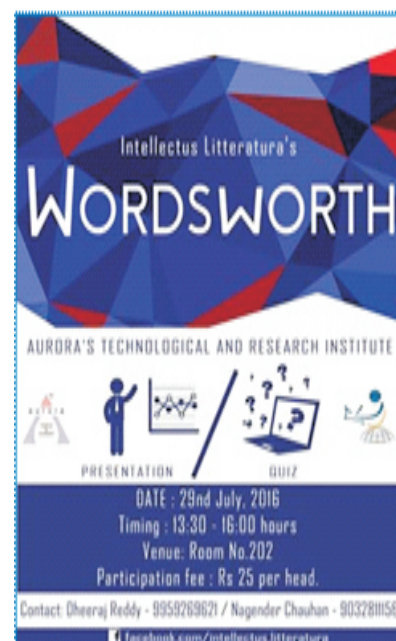
Wordsworth!

“Wordsworth” was an event conducted by ‘Intellectus Litteratura’, on the 29th of July, 2016 at the Seminar Hall – Room No. 202. ‘Wordsworth’ was the second event conducted by the Literary Club in this academic year 2016-17. The event had one competition – Quiz.

The quiz consisted of two rounds. Round one consisted of 15 questions while round two had 10 questions. The questions asked mainly focused on English Grammar, Common English Errors and questions based on popular authors, poets and popular novels and books. The quiz was conducted by Moutrishna Ray and Dheeraj Reddy.

The winners of Literary Quiz

1. Pranav K (CSE II C) & Sathish Chandra (CSE II A)
2. Anishya Y (CSE III A) & Akshita D (CSE IV B)



ARTICLES

TEACHER DEVELOPMENT*Dr. P. Bharathi,*

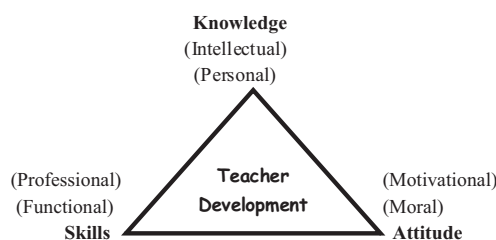
Professor in English, H&AS

Introduction

Teacher development is the process whereby the teachers' professionalism may be considered to be enhanced. A simple definition of teacher development means the growth of a teacher in terms of acquisition of knowledge, skills and attitude. It could also mean teachers investigating and reflecting on their classroom practices to construct their own theories of teaching and learning. Self-development is an important feature of teacher development as the individual takes the responsibility for personal learning endeavours. Language proficiency is considered as the most essential characteristic of a good teacher as it is the bedrock of professional confidence.

Constituents of Teacher Development

The major areas of teacher development are improvement in Knowledge, Skills and Attitude. Knowledge refers to the intellectual aspect i.e., improvement in the subject knowledge and improvement in qualifications. Skills refer to the functional aspect i.e., efficiency in teaching methodology like use of multimedia and effective classroom management in terms of discipline. Attitude refers to motivational aspect i.e., improvement in their commitment and accountability towards their profession, to the students and the management in facilitating teaching - learning process.

**Teacher development Procedures****1. Peer / Mentor Observation**

Observation of classroom teaching by colleagues, mentors or experts is an effective method of teacher development. The teacher being observed receives structured (not random) feedback. This helps in improvising teaching practices paving way to innovations and change. The observer also gains new knowledge of and exposure to different teaching methods in different classroom situations. Well designed classroom observation formats and checklists can prove to be efficient tools in promoting teacher development.

2. Journal / Diary writing

Journal / Diary writing is one of the important aspects of any teacher development programme as it refers to the recording of reflective teaching practices. A journal or teaching diary is a chronicle of daily activities or a way to keep oneself on-track while completing a teaching task. It gives an opportunity to clarify and reflect upon thinking. This helps in responding better to the changing needs of the learners and improves self-evaluation and self-monitoring of the teachers. Reflection involves recall of events in a classroom, review of the events and responding to them in a positive manner.

3. Action Research

Action research can be taken up by teachers either individually or in teams to find a practical solution to problems faced in a classroom while teaching. Teachers investigate and research on the problem and come up with possible actions or remedies to address the issue and thereby provide simple and pliable solutions.

Recent Developments and Initiatives

Audio-Video recordings

Video/Audio recordings of one's own classes or of more experienced colleagues prove to be valuable inputs to discuss and understand one's weak and strong points in teaching. It helps in learning by analysis and useful in self monitoring and self-evaluation.

Creating Blogs

Extensive use of internet and computers has paved way for exchange of information and ideas by creating blogs. Blogs help in quick exchange of comments. This also proves to be an effective way of creating teacher networks and bring them out of their isolation of working in remote places.

Keeping On-line journals

On-line journals allow more opportunities for interaction and collaboration among teachers by including descriptions, reflection and evaluation of teaching process as perceived by them. So journaling becomes a necessary tool of learning for beginner teachers and provides a new investigative focus for the experienced teachers.

Team teaching

Team teaching is a collaborative process where in the different parts/steps of a lesson are planned by a team of three to four teachers. Members in the team have different responsibilities. This facilitates sharing of knowledge and exchange of ideas among the team members.

Open lessons

Teachers can create open lessons and invite colleagues, students and parents to observe the lesson and provide feedback. This helps in enhancing the accountability of teachers.

Lesson study

Here teachers collaboratively plan, develop or improve a lesson. Then they field test the lesson, observe it and make changes as necessary. Data on the impact of the lesson on student learning is also collected.

Teacher Development Portal - NPTEL

NPTEL provides free online courseware in the form of web courses and video lectures. These lectures utilize a multitude of facilities of the video medium such as chalk-and-talk, power point presentations, two and three dimensional animations, multi-media modules, resource materials, bulletin boards, discussion forums and virtual conferences/seminars etc. (nptel.ac.in)

Conclusion:

Continuous efforts and enthusiasm on the part of teachers brings about a change in their teaching behaviour, the classroom environment, and improving the achievement of the students. Teacher development is a process, not an event. It involves change over a period of time and is achieved in stages. But we need to make a beginning at some point. So let us do it right away!

The
expert in
anything
was
once a
beginner

Teaching creates all other Professions

True Happiness

- K. Supriya, Asst. Prof, ECE

Of all the things I know since childhood, it still feels like I knew nothing. Though the Google of web houses all overwhelming knowledge it still feels that the true knowledge is elsewhere. Life remained an abstract thing to me though I grew up with people of knowledge, gone through the education. There exists something within that lacks clarity on life, which is a greater confession to myself, unfortunately has buried deeper instead of being explored further. My strong conviction to find inner self has formed from the moment I realized I was Googling on web for “how to feel happy”. It rather surprised me that I still didn’t learn how happiness can come to me.

Almost everyone around had smirked and laughed at me whenever discussion on life has been a topic, looking at me like a fool who avoids discussion cinematic entertainment. Yet I persist and explore further to know the truth. I ask my fellow beings of what truth is, yet all I get is a set of opinions and beliefs, a philosophy otherwise. Going through many spiritual videos on web, reading wherever a note on life is found, there is a need arising within to know the existence alone. I do not want to kill this quest for the truth due to my irrelevant life style.

The path to knowing is “unknown” and I do not know how far I have come to measure it, yet all I do is to retain the sense of seeking it in all walks of life. Looking forward to bringing a true sense of self; a self that is fully known to me from the deepest; a self that carries a true experience of essence of life that has to be explored. A few points I would like to add in this article from the research I have done for the last couple of months. It’s been probably a year or so since I am working on to find the true self. In this journey, I realized there is no particular point to start but our own present situation. It is more likely that everyone will discourage or show least possible interest in our work.

Many techniques that we know of , may not work as expected, this adds up to not finding a meaning in our work. I strongly believe that finding our own self is something that must be taught from the first day of the school, it should be the first subject of life. Life that should unfold as we grow up gets twisted and convoluted many times to figure out its nature. There is a need to realize the source; Otherwise people only get trapped in a great deal of confusion in life. No matter how much education we go through, still the uncertainty of life remains puzzling to human minds. That is where my journey began. That it can’t be figured out using mind.

Inspiring Story

Evening Dinner with a Father

A son took his old father to a restaurant for an evening dinner. Father being very old and weak, while eating, dropped food on his shirt and trousers. Other diners watched him in disgust while his son was calm. After he finished eating, his son who was not at all embarrassed, quietly took him to the wash room, wiped the food particles, removed the stains, combed his hair and fitted his spectacles firmly. When they came out, the entire restaurant was watching them in dead silence, not able to grasp how someone could embarrass themselves publicly like that. The son settled the bill and started walking out with his father.

At that time, an old man amongst the diners called out to the son and asked him, “Don’t you think you have left something behind?”. The son replied, “No sir, I haven’t”. The old man retorted, “Yes, you have! You left a lesson for every son and hope for every father”. The restaurant went silent.

Moral: To care for those who once cared for us is one of the highest honors. We all know, how our parents cared for us for every little things. Love them, respect them, and care for them.

GALLERY



UPCOMING EVENTS

Date	Name of the Activity
03.08.2016	Guest Lecture on CAD/CAM MECH
05.08.2016	OORJA Club Activity for II, IVA MECH
06.08.2016	Quiz Competition on Current Affairs MECH
06.08.2016	OORJA Club Activity for IIIA, IIIB & IVB MECH
06.08.2016	Industrial Visit for final year students to BSNL , Gachibowli, ECE
8/8/2016 to 8/10/2016	Faculty Development Program -EEE
8/23/2016 & 8/24/2016	Two Day Workshop -EEE
8/27/2016	Seminar- EEE
08.08.2016	Industrial Visit MECH
12.08.2016	OORJA Club Activity for II, IVA MECH
17.08.2016	Career Guidance for IV.A Students, MECH
18.08.2016	Guest lecture for 4 CSE in the area of Information Retrieval Systems CSE
19.08.2016	OORJA Club Activity for II, IVA, MECH
19 th & 20 th August 2016	Networking Workshop in association with HAWKEYETECHWORKS under IEEE, ECE
20.08.2016	Sports Activity, MECH
20.08.2016	Innovative and Inspiring Video Presentations to students CSE
20.08.2016	OORJA Club Activity for IIIA, IIIB & IVB, MECH
20-08-2016	Guest Lecture - EEE
20.08.2016	Guest Lecture in EDC by Dr. T.D.Bhatt , ECE
23.08.2016	Guest Lecture on Engineering Metrology, MECH
23.08.2016	Guest lecture for 3 CSE in the area of Software Engineering CSE
24.08.2016	Formal Inauguration of ISF & Seminar on Importance of IETE membership by Prof. Namassivaya, IETE Treasurer , ECE
27.08.2016	OORJA Club Activity for IIIA, IIIB & IVB, MECH
27.08.2016	Cultural Activities, MECH
27.08.2016	Group Discussion on Recent Trends in Mechanical Engineering, MECH
26.08.2016 & 27.08.2016	A Two-Day Workshop on Android Application Development CSE
27.08.2016	Guest lecture on Embedded System Design, current trends and applications (for final year ECE students) by Shri. M.Srinivas, Nova Integrated Systems , ECE
27.08.2016	Guest lecture on Control Systems for 3 rd year students by Dr.S.P.Singh , ECE
31.08.2016	Guest lecture for 2 CSE(D&B Sections) in the area of MFCS CSE
31.08.2016	Guest Lecture on Dynamics of Machinery, MECH

Contact Us

Aurora's Technological and Research Institute
 Parvathapur, Uppal, Hyderabad, Telangana - 500098
 Email : director@atri.edu.in, admin@atri.edu.in
 Ph : 9100999999, 9100000070

Website
www.atri.edu.in

Facebook Group
 Find us on - [atri84@groups.facebook.com](https://www.facebook.com/atri84@groups.facebook.com)