

# AURORA BULLETIN



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Aurora's Technological and Research Institute

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## Director's Message

Dear Readers,

Greenery is illustrative of flourishing foliage and lushness of great outdoors. The fortifying attributes of greenery help us take a deep breath, oxygenate and reinvigorate. Haritha Haram programme taken up by our NSS unit was an effort to provide ambience to rejuvenate and revitalize the landscape around the college. MBA department arranged a farewell party for the senior students with many fun games and activities. A visit to the orphanage was the silver lining of the programme. All the departments were busy organizing guest lectures, workshops and industrial visits. A college level faculty development programme topped it all giving the booster dose to trudge on. Graduation not only marks a moment of change; it marks the successful completion of a phase of life. 'Snatakaka' was celebrated in a magnificent way amidst the dignitaries and parents. Congratulations to all the graduates and gold medal winners!

An orientation programme for five days was conducted for the newly admitted students of B. Tech first year to make them aware of the philosophy of Aurora and steer them towards the mission and vision of ATRI. One of the most important aims of this programme was to get the students understand the importance Academic regulations, Goal Setting Personality development, Presentation skills, Career development and Co-curricular / Extra-curricular activities like Yoga and NSS which enhance their social & team skills. ATRI has achieved the distinction of becoming the Local Chapter of IIT - NPTEL as more than 300 members including staff and students enrolled for their e-learning courses. We are also the certified institutional member of ORACLE Academy. As said by Winston Churchill "To improve is to change; To be perfect is to change often".

Let us take forward this zeal for learning with more enthusiasm!

-Srikanth Jatla

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## COLLEGE LEVEL EVENTS

### Snataka- 23 July 2017

Aurora Group of Institutions celebrated Snataka, Graduation Day for all the branches of Engineers on the successful completion of the graduation programmes. Snataka is a celebration of graduation party appropriate to Vedic Dharmas. It is a major accomplishment for students on completion of their studies under worthy gurus & signifies their ceremonial departure from the Gurukulum. It is a prelude to glorify the achievements of the warm past and vow to accept challenges and compulsions of human life with dutifulness, dedication and devotion. As Bhagavadgita says:

Rāja-Vidyā rāja-guhyam Pavitram idam uttamam  
pratyakṣāvagamam dharmyamsu-sukham kartum avyayam

“The ultimate pursuit of humankind is knowledge. It is the highest wisdom on earth leading to righteousness, self-realisation and everlasting joy”.

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 proceedings of the convocation after the ceremonial declaration by the president of the event, started with a speech by the Secretary, Aurora group of Institutions.

Dr. Ramesh Nimmatoori, started his address with a salutation to his parents, greeted the dignitaries on and off the stage and appreciated the parents for joining their wards in Aurora .He referred to the scriptures about understanding the difference between good and bad .Easakopanishath sloka highlights 'jeevana saphalyam'- by the use of education for the good of society in the righteous path. Taithiriyopanshad preaches about the rules for the graduating students and code of conduct and says that obedience ,wisdom ,co-operation ,kind heartedness and following dharma are the essential qualities for a student. Hitopadesam says 'Vidya Dadathi Vinayam, Vinayam Dadathi Patrathaha' meaning education gives humility and humility gives character. Nitichandrika mentions co-operation as a quality attained through education . He advised the students to follow the path shown by learned people and take the vow of lifelong learning. He feels that all the students now attained the knowledge of shastra, artha, loka and daiva. Snataka means dedicating the graduating students to the nation and the society. Barthruhari's sloka talks about how a man without education and character becomes a burden to the society.





येषां न वदिद्या न तपो न दानं ज्ञानं न शीलं न गुडो न धर्मः  
ते मर्त् लोके भुवभार भूतः मनुष्य रूपेइ मर्ग्याश चरन्ति

Bhagavadgita advises the students to follow the saying “krushitho nasthi durbhiksham”. He congratulated all the graduating students and wished a bright future for them.

Dr. A. Govardhan, Professor, CSE Department and Principal, JNTUH was the President of the programme, gave a brief speech. He quoted that “We know what we know and we don't know what we don't know”. The aim of our life is to know what we don't know. This message is applicable to all dimensions in life and 'Technology with Service' should be the motto.

The Vice-Chairman, Aurora Group, Mr. Anudeep presented the report. He said that the sixteenth convocation marks the occasion to relive the success story of the group. He mentioned that various colleges were started in the sequence, ADC-1989, AEC- 1998, ATRI- 1999, ARTI -2000, ASTRA- 2001, ASTI- 2002 & ATMA 2009. These colleges offer eight UG and many PG courses. A total of 8000 students and 540 teachers and 400 non teaching staff are working for the group. Sustaining quality and excellence Aurora's equips students to excel in education. A total of 23470 students graduated from these institutions, 11600 students are pursuing higher education in various universities, 10300 students got placements and 500 entrepreneurs have start-ups. Aurorians are intellectually competent, morally upright, socially committed, spiritually inspired and responsible citizens. He wished all the graduating students success in life.

Mr, JA choudary , the Distinguished guest, Special Chief Secretary & IT Advisor to the CM, Govt of AP, congratulated all the gold medallists and wished them a bright future. He praised the 'Start up India' initiative by Sri Narendra Modi for producing good results. He encouraged the young graduates to go for start-ups, quoting NASA research on artificial intelligence and its role in automation as an example . He highlighted the role of technology which is pervasive in various fields like bank, agriculture, medicine, automotives etc and concluded saying India has got technological potential throwing open bright opportunities for all engineering graduates to become technological architects.

Dr. Bonthu Ram Mohan, Special Guest and Mayor of Hyderabad appreciated the efforts and confidence of the secretary in establishing an empire of many educational institutes. He advised the students to be serious in their approach as they step into the real society from student life and take the right step. Failure at this stage of life will be fatal. Transformation is an important phase in everybody's life. He referred to the growth of educational institutions in Telangana and efficient supervision by the government. He mentioned that all the world famous IT companies are in Hyderabad making it the second Silicon Valley in the world. The state government has started the initiative T-Hub. Hyderabad is a safe city for investors and safe haven for job seekers. He wished to make it a better place.



Speaker of the Day & Chairman, IEEE Hyderabad, Dr. Laskhmi Narayana, highlighted the importance of skill development. Students should take professional membership in bodies like IEEE , IETE, CSI etc as they can develop skills of students and update their knowledge to make them take up the challenges in their jobs.

Mr. Tummala Nagaprasad, Eminent Guest & Chairman, People Combine Group praised 'Snataka' as the most precious and memorable day. He says efforts should start from this day for career building and everyone should be a lifelong learner. Jobs demand skills so be updated passion, perseverance, hard work are the essential qualities for developing skills. He asked students to aim for becoming job providers not job seekers. Seeking financial goals take a toll on health. So he advised students to prioritize their goals.

Keynote Speaker & Associate Director, Virtusa Polaris, Dr. Ranga Rao Gudep, focused on projects and social responsibility in his address. He said that education is a continuous process and promotes enhancement of one's skills and helps to become a visionary. Success is the result of intelligence and hardwork. Otherwise be innovative and do smart work. Work place is a totally new world with various challenges. He narrated an incident where a young engineer started a networking of dhobis and realised the dignity of labour. He advised graduates not to get depressed but to develop skill sets to match the requirements of the job. The ABCD, automation, big data, cloud computing and digital TOT are going to rule the world.



Chief Guest of the function, Sri Ram Madhav garu , National General Secretary, BJP & Director, India Foundation greeted all the dignitaries on the dais. Recalling his association with Aurora for two decades and expressed his happiness for the successful upholding of traditional values and providing quality education. He appreciated the management for conducting snataka and felt that changing the dress code to Indian traditional attire would be more welcome. India is the youngest developing country with 65% of population below the age group of 35 years. Research shows that the IQ of average Indian youth is more than any other graduate in the world. Through sheer hard work, Indians have proved that they are the bosses of various leading software companies in the world. But even after 70 years of independence 125 million people still live below poverty line. Many villages live in darkness let alone think about internet. So youngsters should work hard for changing the situation. He appealed to the graduates to have pride in their self. Do not condemn your country, pain of the present – suffering and misery of people have great dreams for future of the country. 21st century is going to be challenging with artificial intelligence and robotics as technology is replacing personnel in jobs. Israel is world's innovative capital so the graduates should strive to be innovators and entrepreneurs by developing out of the box ideas and be job providers. Our government is ready to support youngsters through various schemes to make India great , he concluded.

Mr. Akella Raghavendra is a motivational speaker and addressed students in the afternoon session.

He opined that disciplined, motivated and hard working students represent the culture of college to the workplace. Students should never lose confidence. He asked students to respect their parents and show dedication in whatever they plan to pursue in future. His speech was interesting with quotes and anecdotes from latest movies.



It is a moment to leave a million memories  
A time to close your locker;  
A time to walk out of the campus;  
A time to stand in line with a gown and cap;  
With fellow graduates who watched you grow day by day;  
Graduates whom you are not going to see or hear perhaps;  
Having only a picture to retain their faces  
A moment to pack 18 years of life into boxes;  
bidding adieu;  
And hugging parents;  
ready again to leave and explore the big world.



## ATRI is now the Local Chapter of IIT-NPTEL

Aurora's Technological and Research Institute has become an active Local Chapter of IIT-NPTEL (National Programming on Technology Enhanced Learning) on July 1st 2017. NPTEL was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore. Around 100 faculty members and 200 students enrolled for various NPTEL courses of Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Aerospace Engineering, Humanities and Basic Sciences, Management Studies, Electronics and Telecommunications Engineering and other multidisciplinary courses. Dr. K. Nagajyothi, Coordinator of the E-learning Centre and SPOC, initiated the establishment of NPTEL Local Chapter at ATRI.



## ATRI has become the member of ORACLE ACADEMY

ATRI is now a CERTIFIED ORACLE ACADEMY INSTITUTIONAL MEMBER, a leader in database administration support tools. Our institutional Member benefits include:



- Visibility in the prestigious Oracle Academy Directory of institutional Members making our academic programmes visible across Oracle Academy's audience.
- Access to Oracle's industry-leading software for use in teaching and academic, not-for-profit course and degree related research.
- Complete modularised academic curriculum in database design, SQL, PL/SQL, and object oriented programming in Java, suitable for teaching purposes.
- Free educator professional development offered in a variety of formats to make learning engaging and convenient.
- Access to Oracle Academy workspaces for Database.
- Online, hands-on lectures and Ask the Expert webcast and podcasts delivered by Oracle experts in key technology areas, including Big Data, Cloud computing, cyber security, business intelligence and more.
- Discounted Oracle University training for our faculty and technical staff members, to expand knowledge and deepens skills using Oracle's latest products.
- Discounted certification resources for our faculty, technical staff, and students. The Oracle-ATRI partnership was initiated by Dr. K. Nagajyothi, Coordinator of Career Development Cell, ATRI.

## FDP- Qualities of a Teacher, Ms. Devika Bhatnagar

Mrs. Devika Bhatnagar, Deputy Director Placements, Aurora Consortium conducted F.D.P for staff members on 11th July 2017. She discussed about the qualities of a good teacher. She said that an ideal teacher must possess five important qualities 1.Vidya[academic excellence] 2.Vapusam[personality] 3.Vacha[speech] 4.Vastram[attire]and 5.Vinayam[humility].

Vastrena vapusha vacha vidya vinayena cha /  
Varuva pancha kopena narah praptnoti gouravam //

She explained how these five qualities make a teacher the best and spoke on various subjects like class organising techniques[ introduction ,main speech and conclusion] and 3 Golden Rules of Teaching, 1. Content 2. Communication skills and 3. Confidence. She also focussed on speaking styles 1.Cool presenter 2. Hot presenter and 3. Dull presenter. She explained how the speaking style of a teacher influences the class. She also discussed how to manage the student's attitude in the class. Over all her presentation was impressive and useful.



## B.Tech I year Orientation Sessions

### Academic Regulations & Support Systems - Mr. Srikanth Jatla

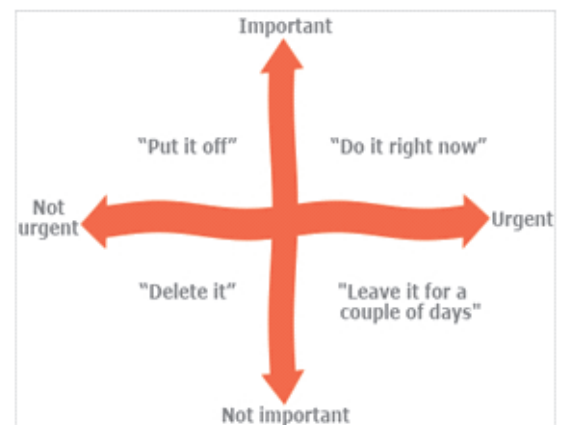
ATRI has a reputation of making its students follow all the rules and discipline, thus enabling them to achieve success in academics. The rules regarding College timings, Punctuality, Dress code, Academic regulations, Credit system CBCS, Attendance requirements, Teaching-learning mechanisms and Student performance monitoring were explained. The continuous evaluation system adopted by the college clearly expects every student to be responsible for regularity in class rooms, internal tests and other tasks assigned to him/her in the course. Introduction of ITL methods enhanced the interactive way of learning as Case studies, Debates, Group Discussions, Quizzes, Seminars and Role-plays are conducted in both theory and lab subjects. Students are also encouraged to take part in various co-curricular activities like Guest Lectures, Workshops, Seminars, Training Programmes, Internships, Industrial Visits, Professional Society and Club Activities, Tech Fests etc. Student mentoring and Parent Teacher meeting are regular activities on campus. There are many support systems in the college which form the back bone, like College Academic Committee, Student Discipline Committee, Anti-Ragging Committee, Festivities Committee, Student Mentoring Committee & Internal Complaints Committee. Many cells and centres are also in force to bring out the monthly news letter, internships & training etc. Professional organisations like CSI, IEEE & IETE chapters are also active in the college. Student Activity Committee acts as the interface between the management and the students in representing various issues related to students to the management.

### Priorities & Goal Setting- Dr. P. Bharathi

Being able to set priorities is the key to getting organised and making the most of our time. The students drew a pie chart to indicate the amount of time they spend on different activities in a day. They were taught about the "Urgent / Important Activity Matrix" to decide the sequence of various tasks on priority basis.

Goals are typically derived from dreams and desires, which by their very nature are not 'urgent'. Goals are however VERY important and their enabling actions need to be elevated in priority over tasks that are not really important.

The students watched a video on "Jar of Life" which helped them understand the importance of prioritising goals. In this video rocks were compared to important things in life, pebbles to needs, sand to our desires and water to our hobbies. Filling the jar with these things is our choice, but we should be clear about our goals. The PPT on The Tortoise & The Hare highlighted the importance of teamwork and also looking for alternatives in times of crisis. The students also watched a short film "Ah! Boy" to understand how determination and fighting against all odds helps in reaching our goals.



### Quantitative Aptitude - Ms. Gita S Parthiban

Multiplication techniques and short cuts in mathematical calculations are highly beneficial to students appearing for various competitive exams and placement tests. Due to time constraints, candidates taking up these exams find it difficult to complete calculations in the stipulated time. Such techniques therefore are useful for accelerating calculation speed. Moreover, these techniques also sharpen their minds, and are preferred over usage of calculators.

### Personality Development- Ms. G. B. Kadambari Devi

In the fast changing world technology is occupying the most important place in human life. Man has already become half machine. And so, paying attention to the human personality and its development has become the need of the hour. 'Personality' may be described as a person's capacity or ability to integrate certain principles and habits deep within his nature. If we have to change the situation, we first have to change our perceptions. We develop our minds by thinking, reasoning and through right education. When we intellectually become mature, we will be able discriminate and decide. Then all that we do contributes to joy, contentment and fulfilment both of oneself and of others. Human excellence must be intellectual and emotional, rational and aesthetic, moral and spiritual, and individual and social. The personality should be like the Sun, always bright and pure. In the process of development of personality we come across certain deficiencies. Let us look at some examples.

1. Slavish mind-set. [ lazy, useless, vulgar, jealous, cowardly and quarrelsome. These are the characteristic features of slavish mind-set.]2. No physical strength.3. Blind imitation.etc.,  
Now let us think how to build a right personality.
2. We commit mistakes because of the deficiencies in our personality. As our personality gets better we commit fewer mistakes. And this happens when we admit our mistakes.
3. We need to analyze the deficiencies.
4. We should not repeat the same mistakes. And this reduces the number.
5. We should be honest to ourselves.

If we are sincere in following these points, the right personality develops for sure.



### Communication & Presentation Skills- Dr. Poonam Minocha

Possessing good communication skills is a prerequisite for every student gearing up for the corporate world. A good presentation involves proper planning, taking into consideration five pivotal factors—who is your audience, why are you making the presentation, where is the presentation, when is the presentation and what should go into your presentation. The presentation should be structured with an effective introduction, logical sequencing, smooth transitions and well defined organisational patterns. Body language, which includes Posture, Gestures, Eye contact, Facial Expressions and appropriate clothing are key aspects to be taken care of. The presenter should be able to handle different kinds of questions in the question-answer session. Visuals should be used impactfully. The presenter should also ensure that he delivers his presentation with conviction, confidence and clarity.

### Career Development - Dr. K. Naga Jyothi

The Career Development Cell of ATRI organized a Career Guidance programme EXCEL IN YOUR CAREER for the first year B. Tech students as a part of Orientation Programme. Dr. K. Nagajyothi, Coordinator of CDC, emphasized the importance of choosing the right career following the heart and job prospectives. The following topics were discussed during the career guidance programme:

#### Job Opportunities in various fields of Engineering

- Job opportunities in Government/Public/private Sectors
- Career oriented training programs
- Professional bodies/societies
- E-learning
- Value-added programs
- Projects and Internships
- Foreign Languages





### **Chemistry- Dr. K. Nagajyothi**

Dr. K. Nagajyothi, Professor and Head of the Chemistry Department presented a seminar on Chemistry – The Two Sides , to the first year B.Tech Students as a part of the Orientation programme. The concepts of food preservation, adulterants, role of enzymes, the importance of medicines and their side effects, basic day-to-day chemical processes etc were briefed to the students. The seminar was followed by a Science Quiz competition. Prizes were distributed to the winners.

### **Introduction to Library - Ms. M. Suvarna Devi**

ATRI Library has a comprehensive collection of over 36,185 volumes i.e., the total number of books with 5850 titles The well-equipped Reference Section of the library has a rich collection of Encyclopaedias, Dictionaries, Year Books and Reference Books. Specific Subject Dictionaries are also available for all the branches. Library is store house of knowledge, contained in the form of newspapers and periodicals. News papers are displayed on the news paper reading stand in front of the Library for easy access of the users. Periodicals which include Magazines, National & International Journals are displayed in alphabetical order. ATRI is part of the INFLIBNET , DELNET & NATIONAL DIGITAL LIBRARY. Digital Resources like Books, articles , Thesis, Manuscript, Audio Lectures, Video Lectures can be accessed through these networks. Academics can be improved by spending at least one hour in a day in the college Library.

### **Soft Skills- Dr. B. Sandhya Rani**

This session aimed to establish that it is necessary to possess soft skills in order to survive the present trends and challenges faced by the students in their technical and professional education. Explicitly, Soft skills are classified as Self-Management, Emotion Regulation & Time-Management Skills. Implicitly it is Preparing and Planning students to develop a sense of self awareness with a clear sense of purpose. The purpose of thinking about the end results before beginning a task helps students know their priorities. It helps them identify high value and low value tasks. It enables them to commit to do high value tasks using willpower, perseverance to complete tasks in time and understand the perceptual differences. In addition it helps them empathise with others.

To make the PowerPoint presentation interactive and energizing, Dr Sandhyaa, added some questions and quizzing elements. 80% of our happiness and peace depends on the people we spend maximum time with, in life and business. It is the people who surround us contribute to our success and happiness. It is important that we know how to interact with these people to bring peace and harmony in our life.

Times are changing, and we must change. Earlier degrees were valued, now it is soft skills, which are invisible to naked eye. Soft skills enrich Interpersonal Communications and our All Round Development of Personality on the physical, mental, psychological, cultural and spiritual front. Soft skills are required in academic journey to clinch great career and life beyond.

Research studies proved that soft skills indirectly contribute to student's success, even though the student's academic success was not directly associated with soft skills. Dale Carnegie's book titled as "How to win friends and influence people" in 1936 created a sensation to when he said that all education should be directed to train and develop students in soft skills. They help in seizing a great career, joyous life, personal success and make most of everyday life smooth.

**Difficult Roads Often Lead To Beautiful Destinations**

Students with profound soft skills have more self-efficacy i.e self-confidence, and knowledge to handle any difficulties or challenges commendably), and self-efficacy in turn boosts their academic performance. Soft skills are indispensable and guide students to understand the ultimate potential within. To restore the inner potential that students learn and are given their space to pursue their interests both in life and profession, a kindling interest to learn must be generated. The latter part of the session was spent in defining Self Awareness, active listening, why phone calls are important and how to be successful in life. A short quiz was conducted to assess the students' current skill levels.

### **Entrepreneurship - Ms. Anuradha Surabhi**

The main objective of the session was to create awareness about the field of Entrepreneurship in the Engineering students and motivate them to choose the entrepreneurship as their career objective this session covered topics like the charms of becoming entrepreneur, information about the MSME, Central government support for Indian MSME sector, supporting institutions and training centres like NI-MSME located at Hyderabad. The session also included an activity to test the focus of mind and a small quiz which explores their connectivity skills.



### **Examination System - Mr. Vinod Chavan**

The rules and regulations of the examination pattern and conduction of internal and external examinations ( both theory and practical ) i.e., the weightage of marks, question paper pattern for mid-term and semester-end exams, time duration, evaluation and criteria for passing the exam were explained to the students. In every semester the students need to write two internal and one external exam in both theory and practical subjects. JNTUH prescribed a set of Mandatory subjects /Non credit courses and other courses ( mini and major projects, seminar) Attendance norms, Credits, Grading system and award of degree.



### **Introduction To NSS - D.Venugopal Reddy, NSS P.O**

In order to improve the personality development of the students through community services, JNTUH introduced NSS as the mandatory course to the first year B.Tech students. The NSS Programme officer D. Venugopalreddy has taken a session on 'Introduction to NSS' as part of orientation programme to the first year students. He explained about various NSS activities like swachh bharath, Blood donation camp, sramadhan, skill development programmes, adventure camps, National integration camps, National youth festivals, state level youth festivals, Republic day parade camp, Pre-Republic parade camps, and 7-days special camp in adopted villages. ATRI NSS Unit played a video on various NSS Events conducted On campus and off campus, awards and rewards won by the volunteers for the last academic year. All the first year students got motivated and appreciated the active participation of the senior volunteers in various social service activities.



## Yoga & Health Awareness-Ms. K. Supriya

Yoga is a physical, mental, and spiritual practice or discipline that originated in India. 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 upon healthy living through Yoga. A demonstration on Suryanamaskar and many more asanas that help to tone their body and keep them healthy were explained. This workshop created awareness regarding the importance of health and good food habits in their daily life which keep them 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.



Drugs are chemical substances that affect both our mind and body. The prolonged use of drug may lead to physical and/or psychological dependence. An overdose of any drug may lead to death. The Types of drugs, and potential health risks of abusing it and how to overcome drug addiction , how to counsel the drug addicts by knowing the symptoms were explained . Students were motivated towards healthy lifestyle through this seminar.

*Yoga is the journey of the self,  
through the self, to the self*

## Training & Placements- Mr. P. Vishnu

The Placement Cell in ATRI College has been operational, with the dual objective of imparting preparatory coaching to students and listening with the industry to arrange campus selections. The cell is headed by a Training and Placement Officer (TPO), nominated by the Principal and supported by the departmental coordinators. This is a student-supported activity. In view of first year induction program a two hour session was taken by Training and placement cell in charge Mr. Vishnu. P. In that session he spoke about Training and Placement Cell ,its activities during academic year, the broad activities undertaken by the Placement Cell, last three years placement analysis, the graph of growth in campus placements and rules to be followed by students from first year onwards.

- Pre Placements Activities :
- Enrolment of the students from each dept.
- Soft skill training programme
- Personality development programme
- Guest lecture by Industry Person
- Career development Programme.
- Conducting Mock GD, Mock interview by industry experts



## DEPARTMENT ACTIVITIES

### Department of Civil Engineering

#### STAAD PRO TRAINING

STAAD or (STAAD.Pro) is a structural analysis and design computer program originally developed by Research Engineers International at Yorba Linda, CA in 1997.

PASIFIC SOLUTIONS are one of the leading CAD/CAE/CAM Training Institutes with HQ in Hyderabad. They have successfully conducted corporate and college Training Programs at engineering colleges by deputing our professionally Trained faculty who can give a detailed on-hand training on the CAD/CAM software in your campus to your students. The department provided training in STAAD PRO software for final year students.

Duration: 15 days    Strength: 93 students (2 sections)

### Department of Computer Science and Engineering

#### Faculty Development Program in Entrepreneurship Development

(Sponsored by Department of Science and Technology, New Delhi)

National Institute of Micro, Small and Medium Enterprises (ni-msme), a pioneer institute in the field of MSME is playing major role in providing business environment to foster the progress of MSME towards success and prosperity. ni-msme organized a two week faculty development program from 03-15 July, 2017 which helps the faculty to motivate the students to take up entrepreneurship as their career. Two faculty members from the department of Computer Science & Engineering, Ms. Anuradha Surabhi and Mr. Basan Goud Kolluri attended the workshop. During the programme, eminent faculty from School of Entrepreneurship delivered valuable information about Entrepreneurship development, role of supporting agencies, ZED scheme, market survey, curriculum development, R&D institutions. Participants gained good knowledge about TS-IPASS, T-PRIDE, T-IDEA, sources of funds like MUDRA, PMEGP, Intellectual Property Rights and Patent registration in Small Scale Industries. As a part of the programme participants visited National Institute of Rural Development (NIRD) and Indian Institute of Millets Research (IIMR) located at Rajendranagar.



#### Education Summit & Expo 2017

An Indo - Global skill and education summit & Expo 2017 was conducted on 19.07.2017 at Taj Deccan, Banjara hills, Hyderabad. The summit and Expo was organized for the benefit of the students who want to pursue higher education and setup start up companies and encourage skill development programme. Mr. G. Suresh Kumar and many students attended the programme from the department.

## Department of Electronics and Communication Engineering



### Workshop

The department of ECE has organised a One week workshop from 3-7-2017 to 8-7-2017 on ' ARDUINO and Raspberry Pi' for the final year students by Mr. Sourabh Joshi, Embedded RF Technologies, Dilsukhnagar. The workshop explained issues in python programming, LINUX Commands, Setting up wifi via the command line, features of ARDUINO, Raspberry Pi and how to develop applications using Raspberry Pi. The workshop helped students to understand innovative trends

in microprocessors and microcontrollers and develop applications like locating ATRI in Google maps and many more interesting home automation applications.

### Faculty Development Programme

The department of ECE organized a Faculty Development Programme on "Verilog Programming" by Mr. Vamshi, Sr. Design Engineer, Vedic School of VLSI on 13th, 14th July 2017. In this program students experienced advanced verilog programming techniques for design of combinational and sequential circuits. The session was very interactive and beneficial for understanding verilog related subjects and labs.



### Guest Lecture

The department of ECE organized a guest lecture on Embedded System Design and Internet of Things by Mr. Naresh, Yipsilon company, for final year students on 29th July, 2017. The speaker explained about the Architecture of IOT. The Internet of things (IoT) is the inter-networking of physical devices, vehicles (also referred to as "connected devices" and "smart devices"), buildings, and other items embedded with electronics, software, sensors, actuators, and network connectivity which enable these objects to collect and exchange data. The live demonstration of real time projects like humidity sensor, Temperature Sensor etc were done. This created enthusiasm in students in the areas of IoT and its applications.

### Student Internships

Third year ECE students attended an Internship programme in July at ECIL corporation and NSIC for about a month. All the 142 students from A, B and C sections gained industrial experience. They learned how a Micro-Controller works, its interface with various electronic devices like computers and develop some application programs.



## Department of Mechanical Engineering



### Training programme

All the final year students of Mechanical Engineering, were sent to a training programme for one week from 3-7 July at Advanced Training Institute, Vidyanagar. The initiative was taken up by the management(ATRI) and the department of Mechanical Engineering. Around 40+ students from both the sections A and B actively attended this training programme, the topic was “Basic Automotive Design and

Assembly”. Students were divided into two batches and both the batches attended theory and practical classes where the engine assembly and dis-assembly, working ,sectioned view of internal parts and advanced systems presently used in modern cars was taught. It was very useful and helpful for all the students and a certificate of proficiency was given to all the qualified students.

### Industrial Visit to BHEL, Hyderabad (Ramachandrapuram)

A one day Industrial Visit to BHEL at Ramachandrapuram, Hyderabad was organised on July 28, 2017 for 3rd and 4th year Mechanical Students and Staff members. Students were given brief introduction about the industry by A. Sainadhan from BHEL. The students visited Turbine & Compressors and Electrical Machines manufacturing units. Major products of BHEL includes the following.

- |                     |                         |                      |
|---------------------|-------------------------|----------------------|
| 1. Gas turbines     | 8. Pulverisers          | 15. Turbo generators |
| 2. Gas turbines     | 9. Switch Gears         | 16. Heat Exchangers  |
| 3. Steam turbines   | 10. Gear Boxes          | 17. Pumps            |
| 4. Compressors      | 11. Oil Rigs            | 18. Pulverisers      |
| 5. Turbo generators | 12. Project Engineering | 19. Switch Gears     |
| 6. Heat Exchangers  | 13. Steam turbines      | 20. Gear Boxes       |
| 7. Pumps            | 14. Compressors         | 21. Oil Rigs         |



The programme was well organised and highly interactive. 88 students and 6 faculty members from Mechanical department visited the industry.

## Department of Master of Business Administration

### Farewell and Visit to Orphanage

The outgoing MBA Students of ATRI, Parvathapur were given farewell party on 01st, August, 2017. The farewell party was organized from 2 pm to 5 pm at ATRI Campus after a delicious lunch provided by the students. The function was hosted by the 1st year MBA students for the passing out MBA batch 2015-17. The function began with a welcome speech by the head of the department Dr. Bala Veera Brahmam. Speaking on the occasion, the HoD underlined and praised the MBA second year students who are university toppers and also for participating in various national level conferences and seminars. The HoD also praised the contribution of the students for “Telangana ku Haritha Haram”, a flagship programme and planting trees in and around the campus. The faculty members also wished the students to get good placements and urged them to follow values throughout their life.

The party was full of surprises and of course fun games too. Over 50 boys and girls from final year vied for the Ms & Mr. Farewell title. The students dressed up for the evening and had a gala time on the dance floor dancing to the latest Bollywood hit numbers. This was followed by clicking many memorable photographs. To cherish the memories of the two years time spent together, the MBA juniors gave a gift as a token of love to the passing out students.

Later, the passing out MBA students visited a nearby orphanage Amma odi and donated provisions and basic necessities to nearly 45 orphan students to make this Farewell party more valuable.



“Sometimes in life there is not enough time to say all the things we need to say, and when it is all over all we can say is goodbye.”

## NSS ACTIVITIES

### Haritha Haram Programme

ATRI NSS Unit & ARITRI Club together organized the plantation program HarithaHaram. It is a flagship programme of the Telangana Government which envisages to increase the present 24% tree cover in the State to 33% of the total geographical area of the State and it was formally launched by Telangana Chief Minister Sri K Chandrasekhar Rao on July 3rd 2015. The main agenda of Haritha Haram is to plant 230 crore plants in Telangana. To support and take forward this initiative, around 400 saplings were planted in the college premises.

The event was successful due to the active participation of the volunteers under the efficient guidance of NSS Program Officer Mr. D. Venugopal Reddy. The teamwork of the unit was appreciated and congratulated by Mr. Srikanth Jatla, Director, Mr Krishnamohan Reddy, Municipal Corporator, Perzadiguda and B. Naveen Reddy, CI of MEDIPALLY who took part in this programme. Many students and staff members also participated in this event.





## FACULTY ACHIEVEMENTS

- Dr. P. Bharathi, Professor, English department has published a paper an article “Agenda of Telangana Government for Empowering MBCs”, in the Book 'Role Model Government of Telangana, An Anthology of Essays' July 2017, Karshak Printers, Hyderabad, ISBN 81-87402-21-0.
- Dr. P. Bharathi, Professor, English department has attended 'International Conference on Multi disciplinary Education' and presented a paper titled ' Implementing Inclusive Education- Some Insights & Challenges' at Osmania University, Hyderabad on 8 -9July 2017.
- Dr. B. Sandhya Rani, Associate Professor, English department has attended 'International & ELTAI Annual Conference on the theme “English Language Acquisition : Western Theories and Eastern Practices” and presented a paper titled ' English For Local And Global Employment' held at St. Teresa's College, Ernakulam (Kerala) on 29th , 30th June and 1st July 2017.
- Ms. G.B.Kadambari Devi, Associate Professor, English department has attended 'International & ELTAI Annual Conference on the theme “English Language Acquisition : Western Theories and Eastern Practices” and presented a paper titled ' The Teacher And The Taught Are One' held at St. Teresa's College, Ernakulam (Kerala) on 29th , 30th June and 1st July 2017.
- Ms. Ahalya Jinna , Assistant Professor, English department has attended 'International & ELTAI Annual Conference on the theme “English Language Acquisition : Western Theories and Eastern Practices” and presented a paper titled 'A Study Of Approaches Of ELT For Primary, Secondary, Tertiary levels' held at St. Teresa's College, Ernakulam (Kerala) on 29<sup>th</sup> , 30<sup>th</sup> June and 1<sup>st</sup> July 2017 .
- Ms. Ahalya Jinna, Assistant Professor, English department has attended 'Faculty Enablement Program (FEP) on the theme “Facilitation Skills” held at Infosys SEZ Campus, Ghatkesar, Hyderabad on 24th , 25th and 28st July 2017 conducted by Telangana Academy For Skill And Knowledge (TASK).
- Dr. K. Nagajyothi, Professor, Chemistry department & SPOC of NPTEL Local Chapter participated in the SPOC Workshop organized by IIT, Madras on 15th July, 2017.



## ARTICLES

## Inspiring Story

**For the love of a Selfie!**- **Dr. B. Sandhya Rani**, Assoc. Prof, English.

Want to die, for the love of a selfie  
 "I want to pin my selficide on twitter and ..."  
 impress people, Ooh, it is sheer narcissism  
 and psychically pathetic...

Alas, People never told you  
 To live better by taking photos of the moon and stars...  
 That you are not the just a body to put an end  
 whenever you like; You are bonded  
 to a family

Here's to let you know,  
 Life is not a selfie; it's crazy  
 Know yourself



How many like you, loved to die for  
 a selfie?

Here's to let you know,  
 Life is joy after struggle;  
 Life is not a selfie contest that creates difficult rules to die;

if you still wish to die;  
 close your mouth and clutch your nose for two minutes;  
 Listen to your mind says;  
 Does it say, be happy with what you have or...  
 Millions of people did not wake up with you  
 and see the sunrise; You and the people  
 you love most are there

Come, touch a few life experiences,  
 see the flowers glow from the window panes;  
 watch the birds fly;  
 feel the breeze of the trees...  
 let life blossom;  
 celebrate your life with everyone...

Let not situations take over you;  
 you take hold of situations.  
 Don't start off your life as a tragedy,  
 'coz the drama of life has not yet taken place...  
 don't drag life to s....cide,  
 who knows very soon,  
 one of you may  
 become President of India;  
 or a Nobel laureate ...

A student asked his teacher, "What is Greed?" The teacher said, "In order to answer your question, go through the chocolate factory next to our school and pick the one chocolate you like the most. But there is a rule. As you pass through the factory, you can not turn back. You must pick the chocolate as you go forward only." The student went to the chocolate factory. As he walked through, he saw one chocolate wrapped nicely, he instantly liked it but he wondered that he may find much bigger one further. So, he walked further, then he saw another chocolate. But again, he thought the same. When he started to reach near the end of the factory, he couldn't see any chocolates as big as the one he didn't pick earlier and started to regret his decision of letting it go. Finally, he gave up. He went back to the teacher with an empty hand and gave an explanation of what he did. The teacher told him, "You did like the one chocolate very much but still you kept looking for a bigger one. And later you realized that what you let go off was the best chocolate you could find there. That my dear is called Greed." Moral: We let go of many good things in our life because of our greed of having even better things. Human Nature is such that we always want better and better. But in the search of the better thing, we let go of many good things which could have given us similar satisfaction and made us happy. Learn to make your choice wisely.



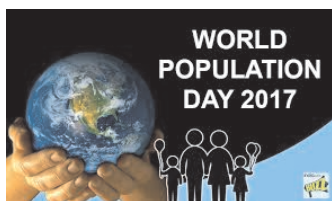
**Mr. Ravi Kiran**, Sr. Asst, Admin    **Ms. B. Malathi**, Assoc. Professor, CSE

PHOTO GALLERY



## UPCOMING EVENTS

Date	Event
6-8-2017	Abhijna- Induction for B.Tech I year Students
9-8-2017	New India Pledge taking ceremony
15-8-2017	Independance Day Celebrations
21-8-2017	Bucket Immersion Poster Launch
25-8-2017	Ganesh Puja Celebrations
30-8-2017	Massive Bucket Immersion Campaign

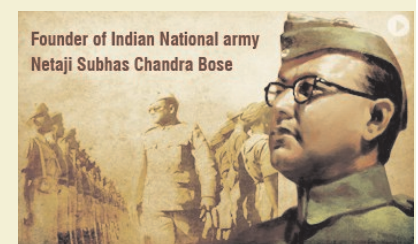


### July 11 - World Population day

World Population day is an annual event, observed on July 11 every year, which seeks to raise awareness of global population issues. The event was established by the Governing Council of the United Nations Development Programme in 1989. World Population Day aims at increase people's awareness on various population issues such as the importance of family planning, gender equality, poverty, maternal health and human rights. The global population is expected to reach 8.6 billion by 2030, 9.8 billion by 2050 and 11.2 billion by 2100 as per the survey. According to the UN's World Population reports the population of world is increasing 83 million every year. It also says that the fertility levels will continue to decrease in coming decades. There are many activities are being planned for the World Population Day 2017 event. We can observe a theme on this day every year. This year the theme is 'Family Planning: Empowering People, Developing Nations'.

### Inspiring Personality - Subhash Chandra Bose

Netaji Subhash Chandra Bose was born on 23 January, 1897 in Cuttack (Orissa) to Janakinath Bose and Prabhavati Devi. He passed his B.A. in Philosophy from the Presidency College in Calcutta. He was deeply influenced by Swami Vivekananda's teachings and was known for his patriotic zeal as a student. Subhash Chandra Bose played an important role in enlightening the students, youths and labourers of Calcutta. Subhash Chandra Bose was one of the most celebrated freedom fighters of India. He was a charismatic influencer of the youth and earned the epithet 'Netaji' by establishing and leading the Indian National Army (INA) during India's struggle for independence. He died on 18 August 1945 in Taipei, Taiwan in an Aeroplane crash. His slogan, 'Jai Hind' is still used in reverence to the country.



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