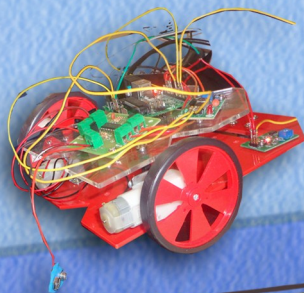
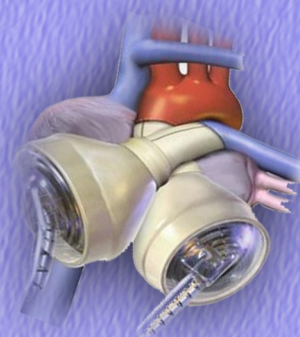
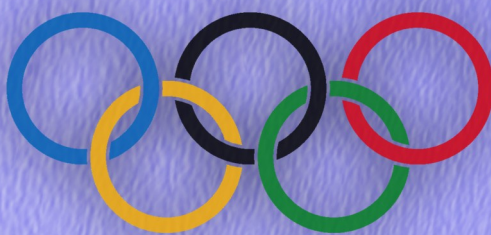
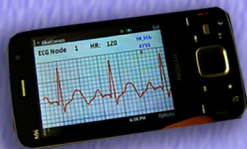


The Student

Giving Wings to Thoughts..



HAPPY New Year  



EDITOR'S NOTE

"We Believe in What We Do"

This time we don't know how to start with. It took us nearly 4 months to bounce back. But, don't think that we are sleeping all these days. Trying to be different, we start from the negatives. Don't get vexed by reading the same sentence for this edition too. Yes, we delayed publishing the magazine for two months than the expected. We think that there is no need to explain the reasons for the delay, as they will be very much perplexing. The core problem is that we couldn't integrate the magazine's work in our busy (may be not) academic schedule. It is always differentiating us. We are trying to overcome it. Hope it would happen soon. Coming to the positives, we are very glad to inform you that the response for the pervious magazine is awesome and meanwhile, we have crossed the mark of 100 members, currently staying at 103. For the first time, we have crossed the 50 page mark. But, we don't know how this is going to be because we heard from many that readers will be bored to read 50 or more pages at once.

Like every edition, we tried to cover topics related to each and every field but some of them are skipped due to lack of articles. This edition covers almost all the on-campus events, with colorful fests in the name of Chemspark and Mechelite, some burning campus issues such as problems faced by students in ABC courses, students participation in extra academic activities and this semester's hot topic, Internship. We are pretty confident that Leisure Page makes you to gag and Silly Points and Science Facts thrill. Don't forget to go through Technology, E-Tech and Review columns. Miscellaneous section covers wide variety of topics including cover story of Olympics and sports in India, Reasons for degradation of agriculture in India and Global Warming and its effects during the 21st century.

We have taken all the possible measures to make this edition more elucidative, informative and colorful. We hope that this enthusiasm continues in the coming year too, with your whole hearted support. We hope you enjoy reading it as much we did in making it.

"Happy New Year" to one and all.. May this year also be the fruitful and provides sweet memories as the previous one. Fulfilling one's responsibilities judiciously and being trusted by someone are the two qualities which everybody desires to cultivate in them. In this year too, we try to fulfill our responsibilities, with your everlasting faith upon us. We believe in what we do and hearty thanks for believing us.

— *The Editors*

For previous and upcoming editions of "The Student" e-magazine, you can also visit our Online Website

<http://thestudentmagazine.wordpress.com/>

Faculty Advisors

Mr. Pradeep Santhosh
Dept. of Chemical Engg.

Mr. Srinivasa Rajaram
Dept. of Bio- Science Engg.

Special Thanks To:

Dr. Rajendra Sahu
Hon. Director, IIT Basar

Mr. S.B. Lokesh
Dept. of ECE

Mr. Jaya Krishna. M
Dept. of Mathematics

Chief Editors

Raja Harish Kumar. M
B083290, ECE

Raghava Reddy. G
B083285, ECE

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Associate Editors

Moulik Reddy. P, B091450, ECE

Vamshi Krishna. G, B091415, CSE

Chandranth. U, B091102, ME

Amulya Deepthi. K, B081208, ECE

Bhiksham. M, B083039, ECE

Cover Page Design

Vinay Kumar. D, B081041, CSE

Krishna Sai. Ch, B091386, CSE

Format & Layout

Ravi Kumar. A, B083280, ME

Send in your articles, reports, essays, photographs, poetry, cartoons, short stories, humorous content, paintings or anything else that you would like to be portrayed in this magazine to the below mentioned mail addresses or send them through any of the team member. Mail to the same address if you want to join us.

editor.thestudent@gmail.com (or)

b083290@bas.rgukt.in

We would like to know more about what our readers think and expect from us. Please feel free to chip in with your queries, complaints, compliments, suggestions or any other feedback. We could do nothing without your support. Write to us at the above mentioned mail addresses. Healthy criticism is highly appreciated.



To nourish our life with everything New for something Great...

New thoughts for great Transformations,

New aspiration for great Achievements,

New beginnings for great Bonanza's,

New resolution for great Reforms,

New inspirations for great Innovations

New celebrations for great Credentials

New dreams for great Desire

New emotion for great Excitements

New hopes for great Happenings

New feelings for great Flavour

And...A new Life for a great Life

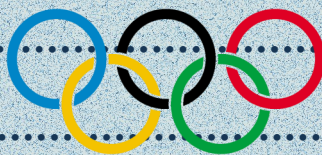
Wishing you a very "Happy New Year-2013"

— The Student

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ABC of Service — “Sahaai”

“We Can’t Help Everyone But Everyone Can Help Someone”

Neha Sree (B091774, ECE)

Dinesh Kumar (B092152, MME)

What is the difference between ‘duty’ and ‘service’..? Answer should come from deep corners of our hearts. A teacher if spends his class hours with students, it is his duty. But, if he works for his students beyond his class hours to do some favor, it comes into service. When exhibiting his duty, it matters how much he does. But, it doesn’t matter for service. It is with how much love and dedication we do matters and not how much we contribute in the field of service. With these thoughts in mind and motto as a background, an organization in the name “Sahaai” has taken its birth on 2nd September 2012, asking people to join their hands to serve the needy and kind hearts to share love and affection.

We see students crying when they go hostel leaving their parents at home. We see people going into deep pain if one of their dear ones passes away. But, what if their is no one in this world who shows affection on you, shares your feelings, pats your back when you are morally weak, cares you when you get ill, suggests you when you are dilemma, shows you right the path when you are going run.

This is the greatest suffering in life. The most sad thing in this world is being unwanted. Unfortunately there are many people around us who are waiting for care and affection. Any type of material donation can just satisfy their daily needs. But, if to make them mentally strong, morally confident, they need some care and affection. It is what our mission Sahaai gives. This Gun [Sahaai] with Bullets [Love & Care] with increasing speed [Service] aimed the hearts of people who live in orphanages and old age homes.

Some things which we feel useless or less use to us are most worthy for them. Keeping this in mind, a call has been given to the students of RGUKT-Basar to donate things which they feel less useful. As actions are more worthy than words we speak, we have taken our first step as an initiation in collecting things from students. And to this call, there was huge response from students. Students proved that they understand the pain of people who are in need. And by this way they learned the ABC of *Service*. They made the very first step of Sahaai into a very big success.

In boys hostel and girls hostels, material had been collected and stored in rooms. More than expected materials had been gath-



Students collecting clothes and unused materials



Packing Clothes for distribution

ered. Then the material collected was sent for recycling. They were some financial problems but volunteers have taken debt from some faculty in thought to return them the money after coming from Dussehra holidays and brought back all the recycled material.

All the pairs brought have been packed by the volunteers. This packed material has been issued to the students in required amounts. Perfect information has been collected from the students about how and where they are going to distribute this material in order to lessen the choice of misusing. Students has shown great interest in distributing the material.



Distributing material to the orphanages

In our first step, we aimed 4 homes. They are :

1. Alambana Vruddashramam, Armour
2. Anantha Ashramam, near Janakampet
3. Vruddashramam, Sarangpur.
4. Vruddashramam, Gundaram.

We thank all of the students who moved this very first step forward and great success. They joined hands to support this mission and rose its importance. We expect the same support from students in future also.

We shall be the change... They are willing for..!

We shall be the love.... They are waiting of..!

We shall make them realize that they are not alone, by telling them that we are with them in every of their good and bad.

Material Collected:

Category	Girls	Boys	Total
General Pants	207	1266	1473
Sports Pants	94	233	327
Tops	295	-	295
Shirts	50	1031	1081
Dupatta	139	-	139
Sweaters	4	15	19
Blankets	7	20	27
Bags	35	64	99
Towels	13	20	33
General Shoes	40	96	136
Sports Shoes	40	61	101
Footwear	35	43	78

> Material has been distributed in Adilabad, Nizambad, Hyderabad, Ranga Reddy, Medak, Mahaboobnagar, Karimnagar, Warangal, Khammam, East Godavari, West Godavari and Nalgonda districts.

Dare to sense the *RGUBOTZ*

Madhavi. S (B081500, CSE)

Breaking News..! Robots were found running on the desks of RGUKT-Basar. It wasn't an accident nor was it a mistake. It gives me great pleasure to say that the actions were deliberate. Fortunately, the robots were the size of a toy car. So, they couldn't damage the desks nor could they collide with the laptops. Recent information claims that about 200 students were behind this amazing, gutsy act. These were guided by 10 volunteers and 6 trainers from ARK along with the support from faculty.

Getting into depth of the news, RGUKT-Basar had the opportunity of breaking the news with a robotics workshop by an AI company, ARK Techno Systems. The workshop that we had here was a combination of iMacBotz and SixthSenseBotz. iMacBotz includes robots controlled by Arduino Programme. SixthSenseBotz included robots related to sixth sense i.e., interacting of physical world with digital world. (Related: Mr. Pranav Mistry's video on Sixth sense)

A Robotics workshop, when heard about it, resulted in a massive number of enthusiastic students. Considering the overwhelming enthusiasm shown by the students, the possibilities of such a large workshop and the difficulties in it, it had been decided that it would be better if it is conducted twice. Phase-I included 200 students from E-3 with entry fee of Rs.1210/- for each student. About 40 groups were formed as for the interest of students. These groups were mostly from 3 Departments. They are ECE, CSE and ME.

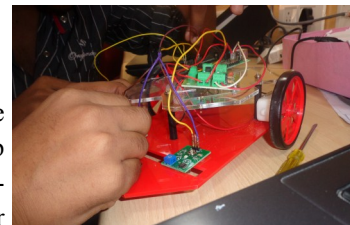


On the First day of the workshop the trainers concentrated on giving us the very basics needed to build robots. They explained about the functioning of objects like DC motor, actuator, sensors, memory devices etc. They also gave an introductory class on programming in arduino, explaining about the syntax and small basic programme. Students received the kits and the trainers briefed about it's components.

Second day was about hands on session. After giving an introduction on the assembling, students were successful in building various robots. It was amazing that students were able to do everything without much of the help from the trainers. Analogy: Trainer said A and students spelled Z. They built and programmed sound- controlled, light-controlled, obstacle-avoider, obstacle follower and line follower robots. Trainers made sure that every team was successful by spending some quality time on the issues.

On the third day, students were introduced to sixth sense bots relating to image acquisition and processing using Mat lab software. This was useful in building ball follower and ball avoiding robots. It can also be used to control windows media player using hand gestures. Third day was supposed to be entirely about sixth sense, interacting with the digital world using

physical world. We had to face problems installing Mat lab since we lack the genuine version of windows installed in our laptops. Best effort was put in vain to get Mat lab running. Faculty coordinators and trainers tried everything they can, to solve the issue. At last, they had to conclude the session thanking the ARK team for their impressive work and promising that for the same students SixthSenseBotz will be taught along with the phase -II students.



Students were greatly delighted with the miraculous experience of building robots in real. Three days of this workshop helped in satisfying the thirst of students to learn something new, something they were always interested in. Some students felt that these type of sessions should be present in the curricula. Putting our hands on practical sessions as soon as we learn the concept is sure to grasp the interest and involvement of each and every student. As a feedback, some students said that they found it difficult to attend the regular classes after completing the workshop as the dreams of robots didn't leave them.



Recently, sixth sense part of the phase-I that was left out was taught. Trainers explained everything regarding image acquisition (how to capture an image), threshold (recognizing a specific object), and image processing in order to work on ball follower robot. Thanks to the ARK trainers, who trained both Phase-I and Phase- II students, most of the students were successful in making the robot to follow the ball. For some batches, there was a race to select the students for internship and for other, the competition is to make the robot to follow given specification in the least possible time. Two batches were selected for each class of workshop under the supervision of ARK trainers.

Things learnt during the workshop:

- ⇒ Arduino programming
- ⇒ Arduino program controlled robot
- ⇒ Light sensing robot
- ⇒ Sound sensing robot
- ⇒ Obstacle follower robot
- ⇒ Obstacle avoiding robot
- ⇒ Line follower robot
- ⇒ Image acquisition and processing using Mat lab

It was a great workshop for us to start with. As a first workshop, it helped us make a great start. The concepts learnt are greatly helpful to start a project with or work on innovative ideas. Things learnt here would constitute a basic knowledge to work on projects like robots controlled by TV remote, robot controlled by PC interface, Obstacle detector robot, Object finding robot, Image compression, face detection, Voice recognition security system etc. Hope students find and implement more innovative ideas.

Salute Day to the Sculptor

Sharada Chowdary. B (B091033, CE)

Durgesh. P (B082638, Ch.E)

Manisha. B (B083152, CSE),

Maruthi Ram (B081067, Ch.E),

Vamshi Krishna. N (B081828, Ch. E)

Hanuman, Ekalavya, Arjuna, Swami Vivekananda, Dr. Abdul Kalam Ajad, Sachin Tendulkar, Saina Nehwal. Who are these? The great people from their ages to present. Do these people born great? No! But they are made. But by whom? Is that because of their parents? May be, to some extent, their influence will always be present but, they are not the only personalities behind their success. There are some others who carved them into a proper sculpture- The TEACHER. Yes! the Teacher. Our parents will teach us something but not everything. When we are at the age of 5, our parents will take us to the teacher saying, “we did what we can, now it's your turn to decide his/her life from this moment! we are happy to leave our daughter/son with you”. Then they leave us. From that moment it's the teacher who's everything to us. They reflect in the the way we speak, the way we walk, the way we behave and what not? Everything. They give everything to their students. Though their students were racing towards the sky, they stay here on the land and on the land itself. That's the greatness of a teacher. Teachers are the ones who make us know how to question, reason, wonder and think, thereby play an important role in shaping out our personalities. Even we don't have the words to explain the greatness of a teacher! Except, making an Everest small by showing it in the mirror. More than that no one can explain the greatness of the teacher.

Teachers Day celebrated as a mark of TRIBUTE to the contribution made by teachers to the society and it is the day one

must respect those personalities from the core of one's heart with gratitude and love. After all they are the persons who are responsible for our bright future. In many countries, teachers days are intended to be special days for the appreciation of service done by the teachers. In India, teachers day is celebrated on every 5th September to commemorate the birthday of former Indian president, academician, philosopher, “Dr. Sarvepalli Radhakrishnan”.

Teachers day was even celebrated in our college, may be for the first time, with much gaiety by the E2 and E3 students for felicitating teachers. The students decorated classes lavishly to make the day special for their teachers. For entertaining their guru's, students performed different activities like dancing, singing, etc. Few students spoke of the importance of teachers in moulding a student and in student's life. As a token of gratitude, students have shown their reverence in the form of small gifts and mementos to all the faculty. Students made the day to fill their heart with pleasure. The day also helped the faculty as well as the students to get out of their usual role and let their hair down. The faculty shared their feelings about the occasion, their teachers who carved them, their childhood experiences and the importance of career development.

Although it is very proud to say that we have celebrated the teachers day in our campus, it is very embarrassing to say that the seniors of this campus didn't even pay proper respect to their teachers. Except the Department of Chemical Engineering (E3), no other branch of E3 got involved in honoring their teachers. But, it is very glad to say that each and every department in E2 honored their respective faculty members.



Chemical Department: (from left to right) Mr. Ravindra. Ch, Mr. Chenchaiyah, Mr. Srinivasa Rajaram, Mr. Rama Krishna, Mr. Srisailam, Mr. Naresh Kumar. K, Mr. Hari Babu, Mr. Pradeep Santhosh



Celebrations in ECE Department



Celebrations in Mechanical Department

Creative Missiles from “AD Mission”

Suresh. G (B081195, ECE)

The amazing add making competition was held on August 26th 2012. In present fast growing computer world, to sustain the competition from others / rivals in the market, to show the unique features of our products to the people, advertisement is the best way. To show the unique features of our company / products in an effective and attractive way, we require creative skills. To enhance and bring out such creative skills



Faculty at AD Mission

from the young and talented engineering students of RGU IIIT Basar, the add making event “Ad Mission” was conducted. This event was planned by Department of Management and conducted by Mr. Rakesh Reddy. Mr. Rakesh Reddy and Mr. Mukul Ali have played a crucial role in making this event a big success. Faculty from Management Department & Telugu Department (Mr. Gopala Krishna) have judged this event. Mallikarjun (B081119), ShivaPrasad. B (B081138) organized this event. Total 51 teams have participated in this Ad- Mission, in that top 5 teams were selected as best. The top five ads are as follows.

Karunanidhi & Team on Population

Nehasree & Team of Teenage Suicide

Umamaheshwar & Team on Mint-O-Fresh

Adi Sheshu & Team on Eclairs

Mahesh & Team on Idea



AD's being played on projector

Our honorable Director Prof. Rajendra Sahu was invited as the chief guest to the program. The Director, Judges and Organizing Team appreciated the enthusiasm and active participation from the students. The top 2 teams were given certificates and prizes by the judges. The students were expressed their happiness for being participated in such a wonderful event. We hope such kind of events will continue in future to encourage and enhance the skills in students and students will show off their creativity.



The event was conducted a bit differently, to say. The ads made by the participants were displayed on the screens which were made to hung at the class room corridors of ABI, while the center screen placed at the passageway, so that many students will be able to have the feast of ads. The participants were asked to sit on one side of the passageway, while the faculty members and organizers on the other side. Each and every ad was creative, reflected the talent and skills we possess and got cheered up by everyone.



Bio-war of Students

Bio Diversity @ Basar

Raja Harish Kumar. M (B083290, ECE)

Prasad. M (B082778, ECE)

With an aim to impart the importance of Bio-Diversity among the students of RGUKT, Basar, the Department of Biology, under Dr. Rachana Goswami, organized the Bio-Diversity Program on 2nd October, 2012, on Gandhi Jayanthi. This green event consisted of three phases, which include Seminars, Debate and Drawing. Unlike many other events in the campus, the students from P-1, P-2, E-1, E-2 and E-3 equally shared its success by taking part in this glorious event. In spite of their busy schedule Mr. Keshav, Mr. Srinivas Rajaram and Mr. Sathish Kumar played their visit and judged the whole event.

The program, as scheduled, got started in the morning in ABI-004, with Seminar Session. It lasted till evening. At about 20 students explained their views regarding the importance of biodiversity, its conservation and threats. All the seminars were informative and received great applause from the audience. Especially, the seminar on *Agro-Biodiversity*, by Sri Kavya, brought near the students regarding Subhash Palekar's Model of Zero Budget Spiritual Farming. Everybody got paralyzed with the fact that human being is the solemn predator of biodiversity. It is pretty clear from each and every seminar that human's greed to simplify his daily activities has resulted in serious environmental problems and extinction of many plant and animal species and many others were vulnerable to annihilation.

After the seminar session, a debate is conducted for 8 registered students regarding the role of technology in affecting biodiversity. 8 students were divided into two groups, 4 each, one supporting technology and the other opposing it. On paper, it just a debate but the students fought as if they are waged in a war against each other. The Debate session is followed by Drawing Exhibition, where the drawings created by students were exhibited. They depicted the human's role in degrading the biodiversity in the importance of its conservation. The event ended by photo session, where the participants and organizers recorded their memories in snaps.

The results of the event were announced on 6th October, 2012. They are as follows:

Category	Rank	Engg.	PUC
Seminar	First	B083290	B111005
	Second	B081669	B111279
		B081443	
	Third	B082061	B11122
Drawing	First	B092860	B111870
	Second	B082985	B121058
	Third	B082238	B121006
Debate	Winner	B082986	B111279

SSS – Success Series

Amadender. B (B081707, ECE)

The Student Seminar Series (SSS), which is helping in distributing the knowledge in campus, successfully completed an year after its birth. In this one year, SSS has conducted 14 seminars. Since its inception, SSS conducted a summate of 15 seminars, which includes 10 seminars by students, 3 seminars by faculty and 2 seminars of a student along with a faculty. SSS conducted its last 6 seminars in the duration of 5 months i.e., from August to December. These include two non technical seminars. The details of those seminars are as furnished:

On 6th August 2012, a seminar on *Validation of Kirchoff's voltage law (KVL)* was delivered by Mr. Raghava Reddy (ECE) and Mr. Praveen Kumar (ECE). This Seminar included invalidation of KVL, for inductors, when non-conservative fields applied and valid approach for the circuits having inductors. This was the tenth seminar conducted by the series.

The 11th Seminar is about *Memristor*, which is the 4th fundamental component of an electric circuit, can act as a memory element and a resistive component. Ms. Neha. D (ECE), Ms. Asha. M (ECE), had presented the seminar on 16th August 2012. This was the 1st seminar from engineering 2nd year students in SSS.

The next Seminar was on *Multi-Modal optimization using genetic algorithm*. This was held on 27th August 2012, delivered by IEEE conference research paper credited students Mr. Harish (CSE) and Mr. Kranthi Kumar (ECE). They had explained about conversion of the most famous Genetic algorithm for global optimization to Genetic Algorithm for multi- modal optimization, which is the problem of solving for multiple solutions.



Raja Harish Kumar. M

The 1st non-technical seminar and the 13th seminar, in SSS was held on 8th September 2012. This is about *Change in methods and practices of Democracy*. The speaker Mr. Raja Harish Kumar. M (ECE) presented about the major changes, adopted by many democratic countries, since the ancient times. This also included unnatural methods used in the voting system, importance of voter turnout, citizenship and governance, role played by pseudo promises and political expenditure, women inclusive politics, generational politics and ideal democratic system.

The 14th seminar of SSS, which was on *Radiation Hazards of Cellphones and Towers*, was held on 11th October 2012. The speaker, Mr. Prasad. T of ECE Department presented the harmful effects of radiation due to cellphone technology. He also explained how cellphone acts as "Possible Human Carcinogen" and the radiation effects of cell towers, which were placed mostly in the residential areas, for good signal coverage.

On 27th December 2012, Mr. Naresh. K (Faculty in Dept. of Chemistry) delivered a faculty seminar, venue at 206 AB II, on *Learn Yourself*, which is about knowing ourselves, like strong and weak qualities with in us, and how to train our mind for achieving a goal. The seminar mainly focused on power of self talk & self confidence, our will power and strong desire, positive attitude and positive thinking, planning and time management, health and stress management, and how to solve our problems ourselves. This was the 15th seminar, 2nd non-technical seminar conducted in SSS.



Mr. Naresh. K

Sparkler which Sparkles Your Mind

To improve the logical thinking and reasoning abilities in the students, a competition named "Mind Sparkler" is being conducted in RGUKT, Basar on every Monday, to the students of engineering (E3, E2, E1). In this competition, single question will be given based on logical thinking or aptitude. The question will be sent to all the students through the local mail (Zimbra). The students are asked to submit the answers to the respective faculty coordinators before the time prescribed and prizes are being awarded to the winners of respective E3, E2 and E1 batches.

Student Organizers:

Sikander (B082488), Irfan (B082486) and Irfan Feroz (B082497)

Faculty Co-ordinator:

Naresh. K (Faculty in Chemistry)

(mail: fa09_chemistry@bas.rgukt.in)

HC Chief Justice's Visit

The Hon. Chief Justice of High Court, Chandrakumar visited our campus on 8th November, 2012, along with Nizambad Chief Justice Hussain and Bhainsa Chief Justice Nageshwar Rao. Hon. Director Rajendra Sahu and OSD Narayana. K received them gladly by proffering flower bouquets. He interacted with students in the Yoga Hall of Lab Complex. In this interactive session, he advised students, "One can achieve greater heights by strong determination, dedication and will power. Loyalty and obedience are the primary necessities of a human being and respecting the elders is a requisite for everyone." He then clarified students doubts on Indian Parliamentary and Judiciary systems. He also suggested the students to spend some time on Yoga and Meditation as they help in making an individual complete in all spheres.



“Don’t Go Blindly” : VC

Moulik Reddy. P (B091450, ECE)

On the occasion of Teacher Day on 5th September, 2012 our Hon. Vice Chancellor, Prof. R.V. Raja Kumar has visited our campus. Here are some main objectives of the meeting. The meeting is conducted to the entire Engineering batch class CRs [E1, E2, E3].

- ◆ He enquired whether every class was allocated by faculty/guest faculty for all the subjects.
- ◆ He came to know that E1 students are still not able to learn the subject on the conceptual base. He suggested all E1 students to change their way of learning methodology.
- ◆ He was happy for that in this year the library books were distributed in time for E3 students.
- ◆ He also stated that the mess survey must be given appropriately by students without any negligence, so that action can be taken on the mess management. If the overall survey average is below 2.3 grade out of 5 grade points there will be 5-10% of deduction in their total fee.
- ◆ He asked the students regarding lab sessions, that RGUKT mainly focuses on the practical learning as it was the motto our university. “Whatever you learn in the theory part by the class room teaching that should be applied practically in the lab sessions. No student is supposed to do the experiment blindly without knowing the theory behind it” VC said. The students are also encouraged to do their own experiments after the lab sessions with the permission from the concerned faculty.
- ◆ He hoped that RGUKT students (1st Batch) passing out as Engineers in 2014 would bag the highest number, as successful GATE qualifiers.
- ◆ He also assured that the University would fulfill the aims and objectives by turning out the students of RGUKT into responsible citizens of India. Every year, all over India, only 20% of engineering students are getting into jobs. Our VC would like to keep our RGUKT students in that 20%.
- ◆ He felt very bad regarding the students & their disputes with Director & other higher authorities in the late nights. He also warned the students that shouldn't be repeated again.

Many of students raised their problems in meeting. If you have any type of problem first contact respective higher authority In-charges. If at all you don't get proper response or solutions please bring that problem to the notice of Director or VC by written complaint or through email [mail address are provided in the RGUKT website].



Hon. VC, Prof. Raja Kumar
interacting with students

Triumph of Top Five Leaders of RGUKT

Sahitinanda. B (B093007, CSE)

Vinaya Vardhini. TLP (B092734, MME)

“August 15th- Independence day” commemorates the arduous journey that was undertaken by millions of brave Indians to break away from the shackles of colonial rule and pay homage to the martyrs, who sacrificed their life for their homeland. Celebrating the Day with ardent respect and immense patriotism does not fulfill its objective, India needs a force which can make its freedom substantive.

Its time for youth to rescue its motherland from stumblers. Realizing this need the Human Resources Development Association (HRDA) and the Indian Medical Association (IMA) has unifiedly

organized a Debate program called Leadership Transformation Program in Nizamabad, IMA

hall, to explore the leadership qualities in the Youth. The Hon- or chair of the pro- gramme consisted of the Vice Chancellor of Telangana, Nizamabad Prof. Akbar Ali Khan and Constituency MLA Mr. Lakshmi Narayana.



RGUKT Basar students in the Leadership Transformation Program

Besides IIIT-Basar, many Engineering colleges of Nizamabad like Sri Gnana Saraswathi Engineering College, Vijay Rural Engineering College has actively participated in the programme in which Ten sparkling Students of IIIT-Basar are a part. The Students of IIIT-Basar poised for a giant leap by touching on the jury with their Fantabulous and Inspired speeches.

The pride of IIIT rouse to the great height by getting placed in the top 5 of the winners. The Jury also got impressed with the patriotic songs sung by IIITians and IIIT-Basar became the Centre of Attraction of the Programme. The List of the Winners reads as follows:

B. Sahithi Nanda [B093007] First Prize, U. Chandrakanth [B091102] Second Prize, G. Vamshi Krishna [B091415] Third Prize, T. Sandeep [B082795], Fourth Prize, Ch. Adishesu Reddy [B091383] Fifth Prize.

Partiji's Visit: Brahmarshi Subhash Patri, widely known as Patriji, visited our campus on November 8th, 2012 to introduce to the students the importance of Yoga and the role played by it in framing a persons character. There was a huge gathering in front of the Old Mess Hall– I where a large number of students welcomed him and paid attention to his valuable words. He was accompanied by his disciples who shared their real– life anecdotes with the students.



Scintillating Spark that Catalyzed the Crew

Durgesh Patterm (B082638, Ch.E)

Vamshi Krishna (B081828, Ch. E)

In a row, from the bow of E-3, last but not least, the Department of Chemical Engineering lit the arc of its cultural event in the name of “Chem Spark”, on August 7th, 2012. They came with a tag line of “*We Catalyze you 2day*”.

The event of Chem Spark made everyone say “The Tagline suits you the best!” at the end. The motto of the event was to feed the spirit and to awake the hidden energetic talents of the students of Chemical Engineering and also to habituate them of working together in a team.

Fresher's Park Chem Spark :

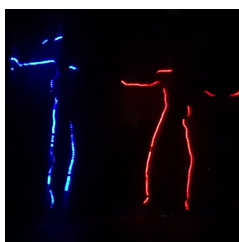
On the 7th August 2012 itself, the seniors of Chemical Engineering have given away the fresher's party before the cultural event. Some games have been conducted and the winners are showered with attractive prizes. An interacting session between the students is held. Five lucky people of the day were given surprising gifts. Two of the juniors are given the Mr. & Ms. Fresher 2012. A brief intro to the department is given to all the juniors. It was inaugurated on the hands of the Mr. Ravindra, the coordinator of Chemical Engineering accompanied by the presence of Mr. Pradeep, Mr. Chenchaih, Mr. Haribabu, Mr. Naresh, Mr. Ramakrishna, Ms. Supriya, Mr. Durgesh Verma and Mr. Manish Kumar.



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The curtains of the show raised up at 07:30 pm. Our honorable Director Prof. Rajendra Sahu lightened the lamp as an indication of our Indian tradition and delivered a catalytic speech. It's the event which dragged the attention of huge audience.

“Why will you look at me when I'm indifferent from you? Isn't it?” Yes! exactly, that's what they thought & they made the event differ from the earlier ones. This event made the audience taste many new & delicious flavors. The event started with the classical dance to give their classical touch. Then came the turn of FORMATIONS, which presented the avatar of goddess



the event differ from the earlier ones. This event made the audience taste many new & delicious flavors. The event started with the classical dance to give their classical touch. Then came the turn of FORMATIONS, which presented the avatar of goddess

Mantra + Meditation = Control Upon Mind

Sahithinanda. B (B093007, CSE)

Vinayavardhini. TLP (B092734, MME)

In Concrete world of today, No Relations exist between mechanical human beings. Due to immense stress and robotic life, Man no longer possesses a stable mind to take wise decisions. This results in Negative thinking, Drug Addictions and Suicides. “Meditation is the only way to escape from the demerits of stress and induce positive thinking which in turn reflects healthy mind”, says Mr. Srinath who visited IIIT-Basar to empower RGUKTians in this issue. Mr. Srinath did his B.Tech in NIT Warangal and is presently giving his services to Amazon company, Chennai. He riveted the importance of Meditation and Work prioritization in the life of a Human-being. He made the seminar more interesting with his examples from Mahabharata, Ramayana, Quran and Bible. Mr. Srinath also jotted out some of the names of the present day winners who are continuous practices of Meditation. He said that “Mantra chanting” is one way of meditation. He quoted saying, “Either you control your mind or it will control you”. He inspired the students with his calm and informative lectures along with live examples. The Students Checked out of the hall with strong determination of change in their life by making meditation a part of it.

beautifully & also some beautiful formations.

Next, some energetic dances came like storm of thunders. “RAMP WALK” made everyone submerge in the river of love. It delivered its bestow to five best pairs of the ages (Heer & Ranjhna, Jodha & Akbar, Salim & Anarkali, Romeo & Juliet, Shahjahan & Mumtaz). Till the Chem Spark, many didn't know how the world's best pairs appear. Everybody knew that night brings darkness into our life. Can that darkness entertain you..? Yes ! It can. They proved it with their special, pleasant & thunder cool shadow-dance. Its the one of major attractions of the event. It made everyone to enjoy the darkness of cool night.



Then came Dhandia! It made everyone remember their beautiful villages at the time of dussheera. The other different item is Robot dance. What if Robots fall in love? What do they do? How will they celebrate their happiness? An energetic strip-dance cleared the doubts of all. Soon after it has completed, there is a power interruption. The audience thought that the show will be delayed

for some time because of power interruption and some started walking out. But immediately they started running in to the auditorium again. It's not that power is back but its the special torch-light performance that made them to do so. In that torch light performance, everybody have seen plenty of moons in the auditorium. Immediately the power came back after the torch performance. The next special is glow-stick dance. Everyone enjoyed at their summit. The auditorium reverberated with whistles and claps. Flatus Group's eternal and energetic mass dance took everyone to the peak.



NTR came down to the earth again for our Chem Spark. Danced with the “Sandy group” & Congratulated our Coordinator Sir for making such a fantabulous show “Chem Spark”. Its the only event which kept everyone in the excitement from the starting, till the end.

Mounika. B (B082942, ME)

Vashista. Ch (B082734, ME)

“MECHELITE'12” is a cultural fest, which was held on 10th October, 2012, proved to be a 'True avenue of Fun and Entertainment'. This event left a scintillating impact on the audience and successfully created a new culture of authentic and precise organization and presentation. The event has lived up to its promise of delivering and overcame the expectations.

The fest was organized under the supervision of Mr. Ramesh Babu. P, Coordinator of ME Department and the faculty with an aim to welcome the freshers (E2 ME). The entire process was started two months before the event. The venue was decided as the open place before the Lab Complex. Though, it is very tough task to conduct in the open place, the whole department took it as a challenge. With the best support from ME faculty, “Students Organizing Team” coordinated all the events (ground cleaning, selections, procurement & fest) very successfully.

As part of the fresher's party and cultural fest, E-3 ME students conducted some events like Chess, Caroms & Quiz competitions to the juniors (ME-E2) to encourage and enhance the abilities to create a competitive atmosphere among ME-E2 students. In this, Quiz competition has become a “Center of attraction” that made everyone to think and overwhelm in competitive world. These competitions created healthy and good communicative relationship between ME seniors and juniors.

“Fresher's Party” was held for one hour before the “MECHELITE'12” event. All the mechanical department students, faculty gathered at one place and made the party colorful and cheerful. Faculty and senior students gave their message to the juniors. Fresher's shared their feelings with everybody over there and interactive sessions were conducted.



hu attended the fest as a chief guest and inaugurated the ceremony. A beautiful traditional song welcomed all the faculty & students over there and the winners of chess, caroms, Quiz were awarded by the director sir. The ME-AV was released by the

CSO, Mr. Vazubuddin before the prize distribution. It impressed all the students and faculty and it justified the importance of the MECHANICAL ENGINEERING”.

As the program moved on, it got intensified and electrified. The performances are immense and their energy levels thronged the whole campus into a platform of fun and entertainment.

The total number of performances were 44. Every performance has its own way to reveal the endowment to rock the stage. The Anchors entrapped everyone's attention and they played a key role to success the event. Some of the performances like *Team India*, *Mirror dance (Behka.)*, *RK Group*, *Charitra group*, *Hand Puppet Show*, *Pranay's remix songs* are sterling attractions of the fest. Remaining performances also stood as the biggest entertainers.



Even the faculty became fans to Sheshu (anchor) and Pranay (singer) for their rocking performances. The crowd found themselves lost to the beats of rocking performances.

The fest was tremendous and pleasurable without any problems. The entire campus liked and enjoyed it very much. A big applause to everyone who put their effort to make the event success.

In the presence of pleasant evening, beautiful moon crescent and a gentle wind, the fest “MECHELITE'12” has begun. Hon'ble Director, Prof. Rajendra Sa-



Technical Trip Fruitful

Vinaya Vardhini. TLP (B092734, MME)

The Science and Technology Fair in RGUKT-Basar is going to grasp the attention of the Technical world. Tyranno, a magic show which uncovers the mysteries of sciences, is a part of the enormous fair which adds fun and excitement to the visitors along with immense knowledge. Tyranno is the creation of an ultimate team of 24 students which aspires to give the best of the best. Under the proposal of Mr. Ravindra Sir, the Convener of Science & Technology Fair, Tyranno team went on an trip to discover the science wonders to exhilarate the viewers and add to the pride of RGUKT, under the guidance of Mr. Ramesh and Ms. Sonia Sharma. The Team visited the Raman Science Centre in Nagpur staying there for a day. The Trip was full of wisdom and Knowledge which immensely added to the creative minds of the team.

The Team returned to IIIT-Basar after acquiring an extra opportunity of class from the researchers in the Institute. The Team conveys their sincere thanks to Mr. Ravindra sir, Mr. Ramesh sir, Ms. Sonia Sharma madam.



Tyranno team along with the researchers

శ్రీ కృష్ణాష్టమి

Naresh. A (B082285, ECE)

Sathish. K (B082283, ECE)

భారత దేశం చిన్న సంస్కృతి సాంప్రదాయాలకు పుట్టినిల్లు. మన దేశంలోని ప్రజలు చాలా పండుగలు జరుపుకుంటారు. ప్రతి పండుగ ఒక ప్రత్యేక విశిష్టతను సంతరించుకుంది. మనల్ని ఉత్సాహ పరిచి, మనలో దాగి ఉన్న నూతనోత్తేజాన్ని నిద్రలేపడమే వాటి యొక్క ముఖ్యోద్దేశం .

భారతదేశ సంస్కృతి, సాంప్రదాయాలను ప్రపంచ దేశాలకి పరిచయం చేయడంలో మన పండుగలు ప్రాముఖ్యతను సంతరించుకున్నాయి. అలాంటి గొప్ప పండుగల్లో శ్రీ కృష్ణాష్టమి ఒకటి. మహాభారతమనే ఒక గొప్ప అంకాన్ని తన చేతులతో పూర్తి చేసి, ధర్మాన్ని ఏ శక్తి ఓడించలేదు అని ప్రపంచానికి చాటిన “శ్రీ మద్భాగవతం” ద్వారా సర్వజనహితాన్ని ఉపదేశించిన మహా విష్ణువు యొక్క అష్టావతారం శ్రీకృష్ణావతారం. నంద గోపాలుని జన్మదినంను పురస్కరించుకొని మనం ఈ “కృష్ణాష్టమి” శుభదినాన్ని జరుపుకుంటాం.

నందనవన గోకులంలో బాలకృష్ణుడి అల్లరి అంతా ఇంతా కాదు. ప్రపంచానికి చిలిపి చేపలను , అల్లరి పనులను పరిచయం చేసి, 16 వేల మంది చెలికత్తెల విరహంలో ఉయలలూగిన ఆ నంద గోపాలుని జన్మదినాన్ని ప్రజలు ఎంతో వైభవంగా జరుపుకుంటారు. ఈ వేడుకల్లో అతి ముఖ్యమైనది “ఉట్టి మహోత్సవం”. బాల కృష్ణుడు, గొల్ల భామల ఇంట్లో దొంగతనంగా చొరబడి వాళ్ళ ఉట్టిలలో ఉన్న వెన్నను దొంగిలించి తనతోటి వారికి పంచేవాడు. అలా గోకులంలో రోజుకి కొన్ని వందల ఉట్టిలు పగిలిపోయేవి. అలా ఆ చిన్ని కృష్ణుని జ్ఞాపకార్థమే మనం ఈ పవిత్రదినాన్ని “ఉట్టి మహోత్సవం” గా జరుపుకుంటాము.

ఈ ఉట్టి కొట్టు వేడుకలు భారతదేశం అంతటా ఎంతో సంతోషంగా జరుపుకుంటారు. మరి అలాంటి సంతోషానికి మన విశ్వవిద్యాలయం అతీతం కాదంటూ మన ఇ-3 (E-3) విద్యార్థులు మొట్టమొదటి సారిగా ఉట్టి వేడుకని బాసర ఐఐఐటీ లో జరుపుకున్నారు. ఈ పండుగను పలు ప్రాంతాలలో పలు రకాలుగా జరుపుకుంటారు. మన విశ్వవిద్యాలయంలో కూడా ఈ వైవిధ్యం కనబడింది. కొందరు విద్యార్థులు కళ్ళకు గంతలు కట్టుకొని కర్రతో ఉట్టిని కొట్టగా, మరికొందరు ఎలాంటి గంతలు లేకుండా వట్టి చేతులతో ఉట్టిని కొట్టారు. ఎవరెవరు ఎన్ని విధాలుగా జరుపుకున్నా, ఈ పండుగ యొక్క ముఖ్య ఉద్దేశం మాత్రం అందరినీ ఒకచోట ఏకం చేసి, మనలో ఐకమత్యాన్ని, ఆత్మవిశ్వాసాన్ని చేయడం.అదే మన విశ్వవిద్యాలయంలోనూ రూపు దాల్చింది .

ఎలాగంటే ఈ పండుగను అశేష విద్యార్థులు హాజరై మనసారా ఆస్వాదించారు. కొంతమంది ఎంతో ఉత్సాహంతో వేడుకలో పాల్గొంటే మరికొందరు పాల్గొన్నవారు విజయోత్సాహాలయ్యే విధముగా తమ జయజయ ధ్యానాలు పలికారు. ఉట్టిని చేదీస్తున్న ప్రతిసారీ తమ కరతాళ ధ్వనులతో వారిని ఉత్తేజపరచారు. ఇలా ప్రత్యక్షంగా ఈ వేడుకలో పాలుపంచుకున్నవారు మరియు ఈ వేడుకను దగ్గరుండి ఆస్వాదించినవారు, ఆనందంగా ఉట్టిమహోత్సవాన్ని జరుపుకుని, కులమత భేదాలకతీతంగా తమ ఐకతనను చాటారు. ఒకరికొకరు శుభాకాంక్షలు తెలుపుకున్నారు. ఇటువంటి మహా వేడుకలో నేను కూడా భాగమైనందుకు సంతోషంతో పాటు గర్వపడుతున్నాను.

హరే రామ హరే రామ

హరే కృష్ణ హరే కృష్ణ

SARP Steers Again to Triumph

Amulya Deepthi. K (B081208, ECE)

SARP continues to reign as one of the most successful clubs in the campus. Huge cheers of audience welcomed the participants on Friday here during the EXTEMPORE event held on 21st august. The competition started simultaneously in three classrooms of AB-I wherein huge participants turned out, out of which 12 were promoted to the finale. Faculty made the event even more scintillating by their presence as judges. As the speeches of the participants were really mesmerizing, judges were bewildered to choose the best. Anxious filled eyes turned on the judges as the results were announced.



Mr. Sravan Kumar presiding over SARP

Here are the winners:

1st Prize : N. Surya [B101372], **2nd Prize:** Subash [B092648], **3rd Prize:** Ashritha [B081433] & Vamshi Krishna [B091415]

There was joy filled in the hearts of them including the audience and the competition was no more a competition but an occasion rather. Three students from E-2 joined the club as organizers whose work was really appreciable and they deserve it.



Participants along with the Faculty

University Lecture Series

Honorable Vice Chancellor Prof. R V Raja Kumar delivered a lecture on “*Performance of Analog Communication System in Noise*” to ECE Students at RGUKT Basar on 5th September 2012, as a part of University Lecture Series.



Prof. R. V. Raja Kumar

Dr. Govinda Rao, currently working as a Senior Professor in the GVP College of Engineering, Visakhapatnam, delivered a lecture on “*Partial Indeterminacy of Networks and Initializing and solving the Electrical networks having all inductor loops and all capacitor cut-sets*”, as a part of University Lecture Series on 24th and 25th November, 2012. Honorable Vice Chancellor, Prof. R.V. Raja Kumar, presented a memento to him for his valuable Guest Lecture and visit to Basar campus.



Dr. Govinda Rao being presented a memento by Prof. RV. Raja Kumar

Definition of Discipline– NCC

Ramya. Ch (B101935, E1)

Students of IIT are not only talented in technical fields and also in Service organizations like NCC and NSS, Sports, etc.

To brings out the hidden talents of Students they have EAA (Extra Academic Activities). In this course Engineering students have NCC, NSS, NSO, Music, Yoga, Dance etc.

NCC, NSO & NSS was envisioned to involve young and dynamic students of the country in the nation's very own Development, Strengthening and Integration.

The **National Cadet Corps** is the Indian military cadet corps with its Headquarters at New Delhi. It is open to school and college students on voluntary basis. National Cadet Corps (NCC) is a Tri - Services Organization, comprising the (1) Army, (2) Navy and (3) Air Force, engaged in molding the youth of the country into disciplined and patriotic citizens. The Indian Parliament passed the National Cadet Corps Act on April 16, 1948, thus creating the NCC. The formation of the NCC under the National Cadet Corps Act, 1948 was a major milestone for the development of the student community. At the Headquarters level, this organization is headed by an officer of the rank of Lieutenant General. He is the Director General of the NCC.

Aims of NCC :

To Develop Character, Comradship, Discipline, Leadership, Secular Outlook, Spirit of adventure, and Ideals of Selfless Service amongst the Youth of the Country.

To Create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation.

To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces.

On Campus :

In our campus as a part of Extra Academic Activities (EAA) the students of E-1 have NCC program. This NCC group comes under 32 (A) Battalion, Adilabad. Though NCC directorate did not allot the vacancies to admit the students in NCC, many students are showing great interest and waiting for vacancies from the directorate. Out of 1000 students in our campus, nearly 600 students are interested in NCC and on every Wednesday the NCC program is conducted, headed by the instructors. Nearly 50 students have completed their NCC-'A' Certificate, Scouts and Guides course at their SSC level. Now they are playing a key role to educate the remaining students in various activities in the ground.

NCC Instructors :

G. Vinod Kumar M.Sc., B.Ed., (Ph.D.,)

– Mentor in Biology (NCC–C certificate – Army Wing)

Ch. Ravi M.Sc., B.Ed., (Ph.D.,)

– Mentor in Biology (NCC–C certificate – Air Wing)

“Network of Chess” in RGUKT

Jawed Akthar (B082832, ECE)

N.Srikanth (B082340, ECE)

N.Swamy (B082346, ECE)

Have you known something called Chess? Of course as an engineering Student, we are not unaware of this game. For me as an ECE Student I can say it as a two Port Network, where both ports individually represents opponents of each other's.

It may be lossless or loss with respect to the winners or losers of this game, and it is Non-Reciprocal as both of them have different thoughts which doesn't reflect on one another, of course sometimes it may be symmetric when the opponent doesn't know anything.

So, this is the brief introduction about chess game. The Chess competition was conducted in RGUKT Basar The 1st and 2nd prize winners are Sai Baba (B082300, ECE) and Srikanth.G (B083179, ECE) respectively.



Sai Baba, winner Srikanth, runner – up and Muralikanth, 3rd

The thought of conducting chess competition among 2000 students was tackling to the minds of the organizing committee but however it became easy for them to conduct as the less members have shown their interest towards it. The total number of participants were 180 members who were divided into 3-Batches (Each batch of 60 members) and total 90 matches were played, 30 for each batch and based on points in every round the participants were promoted to the next round.

However the competition was time limited (about 15 minute for each member individually). Hence there is no question for propagation delay of your turn However because of the transient responses (frequent moves) of the opponent were fast at one side in each game, the rise time & the settling time (to understand the game) was considerable.

Coming to the last round, there were six members, Sai Baba (B082300, ECE), Srikanth. G (B083179, ECE), Murlikanth (B082192, MME), Rajashekhar (B082295, ECE), Srinath. D (B083239, ECE), Vinaykumar (B081452, CE) among which Sai Baba & Srikanth played first semi-final while Srikanth & Murlikanth played the second Semi-final, before that Quarter-final was played in between Murlikanth & Rajashekhar and finally Sai Baba and Srikanth came into the final round.

Coming to the views of 1st and 2nd prize winners of this game; according to Srikanth, it was quiet interesting to play with Saibaba even after loosing in 1st semi final, he played second semifinal with Murlikanth and came back to the game in the final again with Saibaba. According to Saibaba, for him Semi-final was quiet meaningful to learn so many things and Srikanth has given him a tough competition but at the last moment pulses raised with large amplitude in his mind and he won the semifinal and subsequently final also, which was quiet easy for him to amplify his thoughts and get the output (i.e. to win)

Finally, the Chess competition among the engineers has been organized, conducted, results were obtained successfully. It was controllable and Observable and the system has been characterized to be Stable.

Basar Bags “4” at Nuzvid

Vamshi Krishna. G (B091415, CSE)

National Mathematics year-2012 celebrations at our campus came out to be a great success. National Mathematics year is celebrated as a tribute to the Indian Mathematical genius Srinivasa Ramanujan’s 125th birth anniversary. As part of celebrations, various competitions like Article writing, Poster presentation and Math Quiz were held with great spirit and enthusiasm of the participants. After various rounds of prelims, finals of the above the competitions were held on 16th December after the inaugural ceremony under the judgment and guidance of Prof. K. Satyanarayana and Dr. N. Nageswara Rao, Dept. of Mathematics CEST, RGUKT, Hyderabad. Results were announced on the day ending after a great informative and sportive quiz final session conducted by Prof. K. Sathyanarayana as Quiz master.



Hon. OSD Mr. Narayana, Dr. N. Nageswara Rao, Prof. K. Satyanarayana, Mr. Sunil Kumar and Mr. Srisailam at the inauguration

The 2nd day of the celebrations i.e., on 17th December, a guest lecture was delivered by Prof. G. Radhakrishnamacharya, NIT Warangal, entitled “Mathematical Modeling” to the engineering students in the morning session and Prof. K. Satyanarayana delivered a lecture on “Fibonacci Numbers” to PUC students in the afternoon session. The event was organized successfully by the Department of Mathematics.



G. Radhakrishnamacharya

All the first prize winners from each category went for the inter mathematical competitions, which held at Nuzvid on the National Mathematics Day i.e., 22nd Dec 2012. It is very proud to say that the students of our campus gave a tough competition for the participants of Nuzvid and RK Valley. In the five competitions, we bagged four prizes (1 First and 3 Third). Here are the winners:

- > **Quiz Competition:** T. Prashath (B091794, E2, ECE), M. Kiran Kumar (B101884, E1) and A. Soumya (B111301, P2) (First)
- > **Article Writing (PUC):** Sreehita. L (B111279, P2) (Third)
- > **Article Writing (Engg.):** Haseeb ur Rehman (B082841, E3, Ch.E) (Third)
- > **Poster Presentation (Engg.):** Asia (B083113, E3, CSE) (Third)

Hon. Chancellor of IIIT’s, Dr. Raj Reddy attended the carnival as a chief guest and handed over the prizes to the winners. He promised that inter-university competitions will be conducted not only in the field of mathematics, but also in the other

subjects.

Results:

PUC- Article Writing and Presentation:

- I Sreehita. L- B111279, Mathematics Tricks and Puzzles
- II Naga Raju. S- B111690, Magics in Mathematics
- III Shiva Prasad. G- B111986, Uses of Matrices

Consolation-1: Durga Prasad- B121010, The History of Zero

Consolation-2: Vennela-B12159, Trigonometry

Engineering - Article Writing and Presentation:

I Haseebu ur Rehman- B082841, Numerical Methods of Heat Conduction

II Purushotham- B091089 Magic of Fibonacci Number

III Sarika.M- B082669, Maths- Everywhere and Every day

Consolation-1: Suresh. G- B081195, Application Of Conic Sections

Consolation-2: Mounika. B - B082942, Application of Differential Equations

Consolation-3: Srilatha. B - B082057, Cryptography

Consolation-4: Sharanya. S-B082266, Man Vs Mathematics

Quiz:

- I 1) Prasanth Goud. P (B091794, ECE, E2)
- 2) Kiran Kumar. M (B101884- E1)
- 3) Sowmya. A (B111301, P2)
- II 1) Ramesh. K (B092934, ECE, E2)
- 2) Vasanth. M (B101603, E1)
- 3) Surekha. P (B111422, P2)
- III 1) Roopa. M (B082946, CSE, E3)
- 2) Anil Kumar. V (B091877, ECE, E2)
- 3) Shetti Avinash (B111304, P2)

PUC- Poster Presentation:

I Durga Prasad. K-P1- B121010 Euclid’s geometry

II Shivaprasad -P2-B111986 Indian great scientist Aryabhatta

III Pallavi-P1- B121007 Easy and enjoyable Maths

Consolation-1: J. Kumar-P2–B111003 Inter stellar distance measurement

Consolation-2: Nizamuddin-P2– B111110, Applications of mathematics

Engineering- Poster Presentation:

I Saritha. L- B082952, ME, E3- History of women Mathematicians

II Suresh. G- B081195, ECE, E3- Keeping things in focus

III Bargavi. U – B081963, CSE, E3 Graph coloring

Consolation-1: Asia- B083113, CSE, E3 Graph Theory and its Applications

Consolation-2: Sharath. N B092731, ECE, E2 Applications of Trigonometry

గురుజాడలు - గురజాడ 150వ జయంతి ఉత్సవాలు

మారేపల్లి భిక్షం, (B083039, ECE)

గురజాడ 150వ జయంతిని పురస్కరించుకొని మన విశ్వవిద్యాలయంలోని తెలుగు శాఖ మరియు సంగీత శాఖ ఆధ్వర్యంలో గురజాడ 150వ జయంతి ఉత్సవ కార్యక్రమాలు ఘనంగా జరిగాయి. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా మన విశ్వ విద్యాలయ సంచాలకులు రాజేంద్ర సాహు గారు, ఆర్డీయుకేటీ తెలుగు విభాగం ఆచార్యులు వాచస్పతి. కె.కుసుమారెడ్డి గారు, బహుముఖ ప్రజ్ఞశాలి అయిన ఆచార్య బేతవోలు రామబ్రహ్మం గారు హాజరయ్యారు. చదువుల తల్లి సరస్వతి దేవికి జ్యోతి ప్రజ్వలన అనంతరం సంచాలకులు రాజేంద్ర సాహు గారు మాట్లాడుతూ దురాచార సమాజాన్ని రూపుదిద్దడానికి కలాన్నే ఆయుధంగా మలిచిన ఒక మహా కవి గురజాడ అని ప్రశంసించారు. మొదట ఆంగ్ల రచనలు చేసిన గురజాడ ఆంగ్లంలో ఆపేసే తెలుగు సాహిత్యంలోనికి వెళ్లడం అనేది ఆంగ్ల సాహిత్యం చేసుకున్న దురదృష్టం అని తన భావాన్ని వ్యక్తం చేశారు. ఆంగ్ల సాహిత్యం ఒక మహనీయున్ని కోల్పోయిందని అన్నారు. ఆచార్య కుసుమా రెడ్డి గారు మాట్లాడుతూ తెలుగు వారి ముంగిట్లో ముత్యాల సరాలను జల్లిన మరణంలోని మహా కవి గురజాడ గురించి వారి మహోన్నత సాహితీ సేవల గురించి వివరించారు. విద్యార్థులు సాహిత్యం పట్ల మక్కువను పెంచుకోవాలన్నారు.



సంచాలకులు రాజేంద్ర సాహు గారు, బేతవోలు రామబ్రహ్మం గారు, కె.కుసుమారెడ్డి గారు,

మాతృభాషా సాహిత్యంపై పట్టు సాధిస్తే వేరే ఇతర భాషలపై పట్టు సాధించడం సులువవుతుందని చెప్పారు. ప్రపంచ తెలుగు మహా సభలు జరుగుతున్న నేపథ్యంలో ఒక కవి రత్నాన్ని గూర్చి మనం ఇలాంటి కార్యక్రమం జరుపుకోవడం చాలా అదృష్టంగా భావించాలన్నారు.



దిద్దుబాటు నాటిక

అలాగే ముఖ్య అతిథి ఆచార్య. బేతవోలు రామబ్రహ్మం గారు తనదైన శైలిలో తెలుగు పద్యాలలో పొదిగి ఉన్న వాటి ఔన్నత్యాన్ని రుచి చూపించారు. తెలుగు సాహిత్యానికి, సమాజానికి గురజాడ చేసిన సేవలను విద్యార్థులకు వివరించారు. గురు జాడలను విద్యార్థులకు పరిచయం చేశారు. వేమన రచించిన "ఉప్పు కప్పురంబు" అనే పద్యంలో ఉన్న అంతరాధ్యాన్ని వివరించారు. దేశంలోని వేల వేల భాషలను అధ్యయనం చేసిన రాజ కవి శ్రీ కృష్ణదేవరాయలు చేత 'దేశ భాషలందు తెలుగు లొస్స' అని అనిపించుకున్న భాష మన మాతృభాష అని తెలుగు భాష మధురత్వాన్ని తెరచి చూపించాడు. ప్రజాభాషకు సాహితీ గౌరవం కల్పించిన ఒక ప్రజాకవిగా గురజాడ ప్రజల గుండెల్లో నిలిచి చిరకాలం వెలుగుతాడు అని అన్నారు.

మన విశ్వ విద్యాలయ సంచాలకులు ఆచార్య రాజేంద్ర సాహు గారు

బేతవోలు రామ బ్రహ్మం గారిని, వాచస్పతి ఆచార్య కుసుమా రెడ్డి గారిని ఘనంగా సన్మానించారు. సన్మాన అనంతరం సంగీత శాఖ వారి ఆహ్వాన గానంతో సాంస్కృతిక కార్యక్రమాలు మొదలయ్యాయి. ఈ కార్యక్రమంలో సాంస్కృతిక నృత్యాలు, నాటికలు, గానం, నృత్య రూపకాలు, నాటకాలు ప్రదర్శించారు. సమాజంలోని కన్యాశుల్కాన్ని వ్యతిరేకిస్తూ గురజాడ రచించిన కన్యాశుల్కం అనే నాటికను, పక్కదారి పడుతున్న భర్తల విషయంలో తమ భార్యలు ఏవిధంగా వ్యవహరించాలి అని తెలిపే దిద్దుబాటు కథను నాటిక రూపంలో, బాల్య వివాహాలను నిరసిస్తూ గురజాడ రచించిన కన్యక, పూర్ణమ్మ కవితలను నృత్యరూపకాలుగా ప్రదర్శించి అలరించారు. గురజాడ దేశ భక్తి గేయాన్ని గాన రూపంలో ఆలపించారు. అనగారిపోతున్న పద్య సాంప్రదాయాన్ని మేల్కోలిపేందుకు పద్యాలను గాన రూపంలో ఆలపించారు. గురజాడ 150వ జయంతి ఉత్సవాలను పురస్కరించుకొని నిర్వహించిన వక్తత్వ, వ్యాస రచన, కవితా రచన, చిత్రలేఖనం, ప్రజంటిషణ్ణు మరియు లఘు చిత్రాల విజేతలకు ఆచార్య. కుసుమా రెడ్డి గారి చేతుల మీదుగా బహుమతి ప్రధానోత్సవం జరిగింది. జ్యోతిప్రజ్వలనతో మొదలైన కార్యక్రమం జాతీయ గీతం జనగణమన గేయంతో ముగిసింది.



కన్యాశుల్కం నాటిక

ఈ గురజాడ జయంతి ఉత్సవాల సందర్భంగా నిర్వహించిన కళా రచనల పోటీలలోని విజేతల వివరాలు:

1. వ్యాసరచన- తెలుగు సమాజం, సాహిత్యం - గురజాడ ప్రభావం:
 పి.యు.సి స్టాయి:
 ప్రథమ- B111557, ద్వితీయ- B121039, తృతీయ- B111986
 ఇంజనీరింగ్ స్టాయి:
 ప్రథమ-B092700, ద్వితీయ- B082795, తృతీయ- B092860
2. వక్తత్వము- గురజాడ - సంఘ సంస్కరణ:
 పి.యు.సి స్టాయి-
 ప్రథమ-B121473, ద్వితీయ- B121039, తృతీయ- B111857
 ఇంజనీరింగ్ స్టాయి-
 ప్రథమ- B092098, ద్వితీయ- B082383, తృతీయ- B1011613.
3. కవితా రచన- గురజాడ, అతని రచనలు:
 ప్రథమ- B081813, ద్వితీయ- B083039, తృతీయ- B101436
4. చిత్ర లేఖనం- గురజాడ , గురజాడ సాత్రలు:
 పి.యు.సి స్టాయి-
 ప్రథమ- B121006, ద్వితీయ- B121473, తృతీయ- B121464
 ఇంజనీరింగ్ స్టాయి-
 ప్రథమ -B092617, ద్వితీయ-B092858, తృతీయ- B091875
5. పోస్టర్ ప్రజంటిషన్:
 ప్రథమ- B092858, ద్వితీయ- B092860 , తృతీయ- B111303
6. లఘు చిత్రాలు :
 B082858

“Education is Key”: N.C. Babu

G.Raju (B082443, CE)

Opposition Leader and the former Chief Minister of our state, Nara Chandra Babu Naidu, of Telugu Desam Party (TDP) visited our IITB campus on December 6th evening as a part of his “Vasthunna Meekosam” march, along with Rathod Ramesh, MP of Adilabad and his crew.

All the students received the leader of TDP with warm wishes. Many students gathered at cricket ground in front of the office to hear the addressing of Chandhra Babu Naidu. He interacted with students in the open talk and cleared doubts regarding



Nara Chandrababu Naidu interacting with students

the development of the nation. He assured students that he will play his part in solving the infrastructure problems in the campus.

He uttered that this was quiet a fruitful session of discussion with the students and it fulfilled him a lot. He stayed for about one-and-half hours in the campus and later, departed to Mudhole as a part of his march.

Champions of SCL (Staff Cricket League)

The Academic and Non– Academic staff IITB played a cricket league in the name of Staff Cricket League (SCL). The got divided into four teams viz. Groups A, B, C, D. The competition was inaugurated on 6th December, 2012. The final was held between Group– A and Group– D from which Group– D emerged as the winner. Mr. Ravi Kumar was given the Man of the Match award and Mr. Pradeep Santhosh was awarded the Man of the Series.



SCL Champions: Group– D

Magazine in Telugu

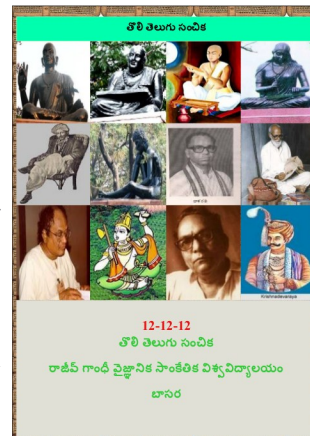
Md. Nasir (B081425, CSE)

Vashishta. S (B081129, ME)

On the respective lucky day numbered as 12-12-12, ‘T-Magazine’ emerged out from the talents of our friends (P-1, P-2, E-1, and E-2& E-3) from IITB. The main scope of this magazine is to protect our ancient Telugu language and its prosperity. The students brought out a spectacular idea of launching a magazine in which all the contents are from the enriched thoughts of our IITians.

The thought of this magazine came from, **G.Raju** (B082443, CE). His friends **Biksham. M** (B083039, ECE) and **Paramatma** (B092860, MME)

didn't let this thought into astray but given their valuable ideas and this all went to Mr. **Gopala Krishna** (Faculty of Telugu), who then stood as the *Chief Editor* and paved way for the completion of T-Magazine and its appearance on the screens of IITB. The T-Magazine was inaugurated on 12-12-12 in AB-II, 312 of CSE Department.



First T- Magazine

Advisory Committee:

Dr. Vijay Kumar. B (Dept. of Telugu), Ms. Vijaya-bhanu. K (Dept. of Telugu), Mr. Balakrishna. B (Dept. of Telugu), Ms. Suribabu. M, (Dept. of Telugu), Mr. Naresh Kumar. T (Dept. of Telugu), Mr. Srinivas. P (Dept. of Telugu), Ms. Ramadevi. M (Dept. of Telugu) and Mr. Ravi (Dept. of Biology)

Chief Guests:

Mr. Chandrasekhar (CSE Coordinator), Mr. Sravan Kumar (Dept. of HSS), Mr. Naresh (Faculty of Chemistry), Mr. Revenayak (Faculty of CSE), Mr. Ranjith (Faculty of CSE) and Ravi sir (Mentor, Dept. of Biology) attended this ceremony and made the event successful.

Special Thanks to:

Prof. Kusuma Reddy (Central Coordinator of Telugu)

Prof. Rajendra Sahu (Director of IIT Basar)

Chief Editor of T- Magazine:

Dr. Gopala Krishna

Organizers:

G. Raju (B082443), CE

M. Biksham (B083039), ECE

G. Paramatma (B092860), MME

Campus on Marathon

Sanjana. L (B091035, ECE)

Normal Day:

Time: 5:45- 6:00— Density in ground: 50-75 (Boys: 60-65, Girls:5-10)

6th December:

Time: 5:30— Density:50

5:35— Density:100

5:40— Density:200

5:45— Density:400

6:00— Density: Nearly 800

Many of us wake up after 7 am in the winter and it may be after 8 if it is a Sunday but that day was not a normal day. Boys and girls in their sports dress reached the ground before 6 am in the freezing cold and that morning became more special when the faculty arrived. The excitement reached its peak when Director Sir waved the flag and a whistle was given to finally start the race.



Director Sir waving the flag to commence the race

It was a 5K Run for boys followed by 2K Run for girls. The 5K Run was for 2 laps and the boys ran 2 laps with full energy, enthusiasm and a lot of rejoice. The run was started from the office. To maintain energy of the runners, volunteers were ready with glucose at different spots in the path, a medical van followed the runners to aid them if any medical support was needed. The cool morning made all the participants run faster than they could. Boys, who were first in the first lap, maintained it in the second lap also. Some faculty gave a tough competition. It was very exciting till the last moment. There was only a few seconds of difference between the winners.

Everybody were very eager about the 2K run for girls. With a lot of encouragement from many boys and girls, the 2K run was started. As it was only a single lap, everybody were curious about the first place. Girls accelerated more on the verge of finishing.

Director Sir and the faculty congratulated the winners and prizes were distributed to them, which included different sports shirts. He appreciated all the participants and reminded every one about the importance of physical education and fitness.



Director Sir handing over the prizes to the winners

కొవ్వత్తులతో నివాళి..!

న్యూఢిల్లీలో అత్యాచారానికి గురైన బాధితురానికి సంతాపాన్ని తెలియజేస్తూ బాసర క్యాంపస్ ప్రాంగణంలో 31-12-2012 రోజున సాయంత్రం ఎనిమిది గంటల నుండి ఎనిమిది గంటల ముప్పైనిమిషాల వరకు కొవ్వత్తి ప్రదర్శనతో సామూహిక అత్యాచారానికి గురైన బాధితురానికి విద్యార్థులు తమ సంతాపాన్ని తెలియజేశారు.

ఈ సందర్భంగా విద్యార్థులు నేటి సమాజంలో స్త్రీకి స్వేచ్ఛా, రక్షణ లేకుండా పోతుందని, ఏటీని అరికట్టాలంటే ముందుగా యువతలో చైతన్యం రావాలని, నేటి మహిళలు ఆత్మరక్షణ కోసం అన్ని విధాలుగా సంసిద్ధం కావాలని, ఇలాంటి తప్పులకు కాలుదువ్వే కామాంధులను కఠినంగా శిక్షించాలని విద్యార్థులు కోరుకుంటూ నివాళులర్పించారు.



E - Campus Website

After a long await, the first local website that could be accessed by each and every student, was launched on 12th December, 2012. The main reason behind this website is to digitalize the library which will be helpful to the students in case of data loss. It also aims at providing an overview of all the competitive exams as well as help the students in preparing for them. Apart from the library, it also helps the students to connect with the outer world happenings through newspapers and other magazines. Recently, a section called “Daily Dose” has been added to unveil the aptitude skills of students through mind racking and brain teasing questions.



This Is It

Shitty Mess Food	Okay
No Water in Bathrooms	Okay
No Doctors In Hospital	Okay
Lan Port Not Working	

— Vijay Kumar. T, B092882, ECE, E2
Shiva Ram Reddy. K, B092949, CSE, E2

**WANTED
INTERNS!**

Internship is a short time work in a particular job in order to gain experience. Internship provides a platform for innovative thoughts and facilitates to work on real time research projects. It facilitates a student to do some sort of research in the field of his/her own interest.

Today in this competitive job market, it is not sufficient if a student is good enough in his/her subject knowledge, one should be in a position to apply his/her knowledge and skill whenever required. This ultimately requires more experience which he/she can get from internship.

Why internship:

A student with firm academics is perpetually excellent. But unfortunately, today in this competitive world, it is difficult to determine whether or not a student would be good at work environment. Internship provides an opportunity to get the acquired real time work experience and training for judging classroom learning in a real world environment. It also helps to unveil hidden talent of a student. It invests chance to interact with technocrats, work together with diverse group of individuals. A good internship channelizes future planning, will sharpen the understanding of the subject in design of new product. Student would get experience in problem solving skills and the ability to work in a team. Thus, a student can develop the skills necessary for a particular job. Finally it adds weight to your profile.

How to start:

One should have a straighten out idea about what he/she is expecting from internship. He/She must have crystallized idea about the area of interest, then know about the companies or educational institutions offering intern in chosen field.

Tips to find intern:

Most of the people feel that getting intern is difficult but it

is delusive.

Things to be followed in order to get intern:

1. Attending the work shops
2. Searching online
3. Contacting firms/companies
4. Contact people (friends, family members) working in different companies.
5. Some social network sites such Facebook, twitter, Google Plus and Orkut.



Many educational institutions and companies are ready to provide intern to the student with innovative ideas.

Certificates necessary for internship:

1. Resume
2. Permission letter from Head of the Department
3. Recommendation letter from Placement Officer

How it is helpful:

Student will be gifted with worth full experience and ocean of knowledge about firm or industry. One can show it as work experience, working in a team, tangible accomplishments and ultimately it gives good stamp at the time of searching for a job. A potential student can empower organizing skill such as coordinating, managing, administering, problem solving, asking thoughtful questions, leadership and ability to manage complicated situations. By working for 2-3 months, a student can acquire the skill required for an entrepreneur if he/she is interested in establishing his/her own business unit/firm. At the same time, the student can enhance his/her contacts with many other company people.

— Sk. Minhaj, B091295, CSE, E2

Ramesh, B092834, CSE, E2

Out pass: The Grapes of Greedy Fox

When we hear this, one would basically question “Did you get it?”, “Are you kidding?”, “Where are your parents?”. Yeah, it is hard to believe that one has got out pass in our campus because the office has become more rigid to permit the students out without parents.

Previously, contacting the parents on mobile is sufficient to go out. Their presence is not at all required. But, this “rule” has been removed because there are some more important reasons why the office is more concerned regarding this. There are many cases where some students, who got the out pass without parents, found to be misusing it (both the girls and boys). This resulted in police to enter into the picture, suggesting (‘warning’ to say) the office to not send any students without their parents. The parents of accused also suggested not to send students out without parents. When it comes to the phone calls from the parents, some have been found misusing this opportunity as well. Hence, the administration has put up a notice saying that no student will be permitted to go out without their parents and that too on important occasions.

But, this decision is causing some serious problems. For elementary reasons such as going to Nizamabad or Basar to buy foot wear or visit a doctor, calling our parents makes no sense at all and we find it hard to make the administration understand this. We are questioned back “Will you take the responsibility for all the students and will you answer the parents who have suggested the office not to send students in their absence?” Of course, calling parents who are staying in the nearby premises (districts to say) is not a problem. But, what about those who are staying in Rayalaseema and Coastal Andhra? We ourselves misused the golden opportunities we got and restricted the limited means of going out. Hence, we are (we should) be the sufferers.

Now all of us must think of a solution to sort this problem out through which we can please both the administration and students at the same time. Here come another problem. Though the students are very good at generating great ideas, they do not take a step forward to make them count. So, please come up with a solution, put forth your ideas in front the representatives.

— Sk. Minhaz, B091295, CSE, E2

Ship needed in RGUKT— “Leadership”

If your actions inspire others to dream more, learn more, do more and become more, then definitely you are a leader. Don't we think that our parents are our true leaders?? They lead us in every walk of our life, they show us the good path, they take the blame of our wrong doings but never take the fame of our good works same as a leader.

LEADER Stands for:

- L-Leadership
- E-Encouragement
- A-Aims
- D-Delegation
- E-Engagement
- R-Response



If we possess all these traits then we will be a part of

RGUKT Stands for:

- R-Respectful
- G-Great
- U-Unity/Unique
- K-Knowledgeable
- T-Team

Which can give tough competition to any other team in India. Our University has provided many things to us. Shall we take a little step forward to make our RGUKT be proud of us... ? For this we need not climb mountains, need not to break the

Guinness records. The simple but important thing we have to do is to lead ourselves as well as the people around us.

Let our motto be — “LEAD, DON'T FOLLOW”

Leadership is nothing but solving problems and leading the team. Leadership and teamwork are the critical components to success in today's world. If the leader is not perfect then the entire team gets the disgrace. So, choosing the leader is the important thing. Leaders create an environment in which everyone has the opportunity to do work which matches his potential capability and for which an equitable differential reward is provided.

Is Leadership a success or a failure in our campus???

It not only depends on leader but also on us. For example: The principal is commonly thought to be the school leader. However school leadership may include other persons such as leadership team who contribute towards the aims of the school. A successful leadership will always leave behind good name, fame and always stands as an inspiration for others whereas a failure of leadership leaves behind reasons for the failure. The most effective leaders are those who can successfully influence the way other people influence themselves. As a leader one has to motivate and inspire others. When everyone thinks “I am the leader”, takes the responsibility and encourage others, then there would be a noble change for the better future. Then everyone will be a leader. Thereby our university will turn into the best university. Which will be an inspiration for other Universities.

“LEADERSHIP IS A PERSUASION NOT DOMINATION”

— *Amani. A, B101746, E1*

Sheetal. K, B101747, E1

Change in PUC Curricula

Our university has made some changes in academic regulations of Pre University Course (PUC) students from this academic year 2012-13 onwards. This includes changes in pattern of examination, an optional semester in an academic year. The erstwhile 2010 batch, 2009 batch, 2008 batch students had 9 Weekly Tests (WT), 3 Monthly Tests (MT) and an End Semester Test (EST) with 10%, 30% and 60% weightages with respectively. This is also known to be as **M.Bi.P.C** with IT subject as their course curricula. This is a unique course curriculum of our RGUKT University.

According to the prospectus provided by the institute, the changed examination pattern includes Assessment of daily/ assignments (DHA), mid-semester (MSE) and an end semester exam (ESE). Among these 30% of total marks awarded for DHA, 20% to MSE and 50% to ESE for a course of a semester, for DHA students are given by daily assignments, these to be submitted by the evening 10 p.m. of that particular day. MSE will be conducted on 8th week of every semester. Each MSE exam will have duration of 90 minutes with 24 objectives and 2

descriptive questions to solve. In the final week of the semester, end semester exams will be held.

Previously a student in PUC has to complete all three semester, to pass in the academic year, but from this academic year onwards a PUC student have choice of one [3rd] semester in an year. According to institute a student in PUC must register for 2 mandatory semesters, in which Mathematics, Physics, Chemistry, Telugu and English will be taught and the 3rd semester of academic year is an optional semester for students. In this optional semester the students who wants to prepare for IIT, AI-EEE or any competitive exams have more flexibility to prepare for it. 3rd semester having Biology and IT courses. In this semester the students who want to improve their marks and the students who flunked in any subjects of last two semesters can register for betterment and remedial courses. Those exams will be conducted in this semester. Now the PUC Course curriculum is known as **M.P.C** which is same as other colleges of Andhra Pradesh.

— *Amarender. B, B081707, ECE*

Battle Zone of Systems — BZ Flag

BZ Flag became the most favorite LAN game of many boys and even girls in no time. The game is so exciting that many boys are not even watching movies now-a-days, but they keep on playing the game.

“Battle Zone capture the Flag” is abbreviated as BZ Flag. BZFs is the server for BZ Flag, and it must be running to play. It can be run on any system on the network (including the player's system) Terminating the server terminates the game in progress.

BZ Flag is a 3D multi-player, multiplatform tank battle game that allows users to play against each other in a network environment. There are five teams: red, green, blue, purple and rogue. Destroying (shooting) a player on another team scores a win, while being destroyed or destroying a teammate scores a loss. Rogues have no teammates (not even other rogues), so they cannot shoot teammates and they do not have a team score.

There are two main styles of play: capture-the-flag and free-for-all. In capture-the-flag, each team (except rogues) has a team base and each team with at least one player has a team flag. The object is to capture an enemy team's flag by bringing it to



your team's base. This destroys every player on the captured team, subtracts one from that team's score, and adds one to your team's score. In free-for-all, there are no team flags or team bases. The object is simply to get as high score as possible.

There are many flags in the game which have specific power. Guided missile is the favorite flag of many, we can lock the opponent and kill him with this flag. Laser is also very powerful but it takes time to reload. Cloaking makes you invisible and opponents keep on searching for your foot prints whenever you jump. Stealth makes you invisible on the graph. Shock wave kills everyone near by.

The game is so exciting that girls are also learning to play it, and every one gets addicted to it in no time. So, be careful.

— *Adi Sheshu, B091383, Ch.E, E2*
Sk. Minhaj, B091295, CSE, E2

Messy Mess

Four times a day, I will be in the mess. Four times a day, I expect something better to fill my stomach. Four times a day, I fail to understand why I hate filling my tummy. Four times a day, I walk out with hatred on the guys in mess. Four times a day, I am disappointed. Four times a day, I plan to do something. But, before that, I planned to figure out the problem, whether the problem exists only with me or with all the other four thousand students who are eating with me. To my horror, I was shocked to see that I was one of the four thousand who behaved in the same manner. Everyone were eating very consciously not for maintaining their BMI (Body Mass Index) or for saving their time to rush to the classes but to leave their food or throw it because of the most unexpected to be seen in their plates every now and then, the enemy of the students, the insects. They are either burnt, fried, boiled, cooked or sometimes even live to scare away the students, dump the food in the dustbins and finish their meals in less than five minutes. When we enter the kitchen of the mess to complain, will we get the fragrance of the rotten vegetables. We had no other choice but to come out to and take the assistance our mess in-charge.

Once, twice, thrice. But it still goes on. The problem persists and we suppress our agony. Not once did we have the chance to appreciate the food that we are eating. The profit motive drive of the mess vendors got paired with the absence of efficient staff around made the situations even worse. The ground realities might be up to the students and others to understand the way it stands. I am not writing to let somebody down, but my feelings, at least now are erupting this way. Let me narrate you an incident that took place a few days back. There was Zeera in Rice. Few of the students ate it. Their ignorance and their hun-

ger made them not see what they were eating. They found it the next day again. Can this be the mistake or the purpose of the Chef to put Zeera in Rice. One of the students carefully observed and found that the Zeera was half alive. He was amazed to find that it was not Zeera but it was an insect. My goodness, my friends were all ignorant of the insects they were eating. Only to my horror again, one of my friends pulled out a ten times bigger one, half cut and deeply fried from the curry of his plate. This was brought to the notice of the mess authorities but to no avail. The quality of the food remained poor. So, the students went on strike.

The Director, realizing the suffering of the students, spoke to the mess vendors to be a little careful about the food that is being served to the students. We were served the food again and it was a bit better than the food that we ate the in previous days. We also had some student volunteers to take care of it and our Director sir also helped us having our faculty members as the Student Welfare Officers to take care of the students woes, be it mess or hostel. The situation improved after a few regular check ups by the welfare officers but it has become a habit of the mess vendors to get back to their normal ways and careless self.

Our Director also voiced that the opening of a new dining hall is in progress to accommodate a thousand from the remaining thousand in a few days. So, expecting the best, I also request my friends to be clean from their side; not to leave the plates on the table, not to wash hands in the plate, not to wash hands with the drinking water, not to waste food, not to put anything on the table while eating and not to go and shout at the workers or the mess vendors. Instead, it would be better if they write their complaints in the complaints book, take the assistance of the student mess volunteers and the Student Welfare Officers before doing anything.

— *Sk. Minhaz, B091295, CSE, E2*

“Jai Bhavani” — Goddess of Canteen Serving Our Campus

- Established : 15 August, 2011
- Proprietor : Shyam. K
- Working Staff : 5 members
- Initial Deposit : Rs 5,00,000(Refundable security)
- Monthly Rent : Rs 70, 200 /- per month
- Salary for staff : Rs 3,500/- per month (for each member)
- Transportation charge : Rs 9000/- per month
- Running timings : 9:00 to 21:00 (on Sundays too)
- Budget : Rs 6, 00, 000/- per month
- Gross revenue : Rs 7,35,000 per month (approx.)
- Profit : Rs 38,300/- per month (cutting campus rent & salaries)
- Appreciating Work : Serving 7000 students at a glance on New Year

It is the store which served Above 7000 students, Faculty Members, Mentors, HRT's and Non-teaching staff since 15 months. Its very great achievement for a single store to serve in IITB.

As per the details, the store contains daily stuff (puffs, hot chips, cakes, ice-creams, chocolates, etc.), minimum needs (soaps, shampoos, tooth brushes, perfumes, talcs etc.) including gifts, bags, pouches and stationery.

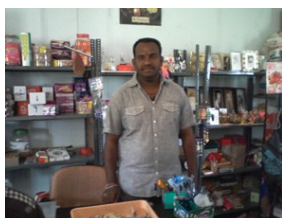
Most selling and popular items in our canteen upon which our students show maximum interest are ice-creams, Cadbury (mainly Munch), hot chips, soft drinks and biscuits (20-20).

Coming into the picture, the ice-creams are imported from Nizamabad two times in a week (fresh stock for every 3 days). 'Cosmos' ice cream is the running brand in our campus. Venkateshwara home foods in Nizambad is our brand partner of hot chips to our store. All the bakery items are imported from Minar bakery in Nizamabad.

Biscuits viz. 'Britannia' and 'Parle' will be sold as hot cakes in our campus. The most mouth watering soft drinks are imported from Nizamabad day by day.



Canteen, busy in the evenings



Pro. Shyam. K

Recharge cards are the most important, apart from the snacks, without which we cant survive here, are running with sustainable speed. The store people will collect one rupee against the MRP. Airtel,

BSNL, Idea are the most selling cards in our campus.

Santoor is the brand which is known by every IITian, goes good in selling at our store rather than Pears, Dove, Liril and Mysore sandal. Out of all shampoos, Head & Shoulders got the chance of cleaning the hair of IITians. Hope that students of IITB smell with Santoor and Head and shoulders.



Single room but houseful

Dry Fruits are running at times in our campus with little response as we know that students can't prefer healthy food which is hygiene. With little cooperation of Doctor at IITB, the store people are getting fruits from Nizamabad, viz. Apples to our friends who are sick. Apple selling is stopped due to hike in price.

As per the words of proprietor, in the last year, due to 133 days of holiday vacation, the store loosed 4 months rent as they have to pay Rs 70,200/- per month.

Taking the issue on books, typical example of Rs 12/- book, the books will be purchased (taken in kgs) in Begum Bazar at Hyderabad. The cost for each book will be 985 paise, (for each kilogram) and for transportation, 15 paise; a total of Rs 10/- per each book will be bared by the store and they are selling Rs 12/- for each book. Profit of Rs 2/- will be fed into their pockets. They say that some of the books get spoiled in the transportation drastically, which is casual and usual.

As we know that petrol and diesel rates are hiking, so big issue has come for the budget of proprietor. Hope so he will have good times in near future.

Any way, if any IITians is hungry apart from dining times, the Jai bhavani store doors will be open to serve and will satisfy the needs of students.

A sincere request to the house keeping staff and NSS is that some of the dust-in-bins are in wrecked stage, please replace them with newer ones so the students can make up their minds to throw the wastes at the proper place.



Reeling Dust-in-bins

— Vashishta.S, B081129, ME E3

Raju.G, B082443, CE, E3

Internet Hero/Heroine

Online లో మీరు ఎవరు ? హీరో or విలన్ ? సుపరిచితుడా or అపరిచితుడా ?
 రాము, వరుణ్, హరిని, ప్రియా... పేరు ఏదైనా ఇంటిపేరుతో సహా
 Google Search Engine లో టైప్ చేస్తే ఏం వస్తుంది ?
 => మీ విజయాలు, అర్హతలు, నైపుణ్యాలు, అవార్డ్స్ వస్తే మీరు ఆన్ లైన్ హీరో.
 => మీ తప్పులు, భయపెట్టే సంఘటనలు, Horror, Terror వస్తే మీరు ఆన్ లైన్ విలన్.
 => మీ పేరు మీద వేరే వ్యక్తుల గురించి వస్తే మీరు ఆన్ లైన్ లో చాలా వెనుకబడి ఉన్నట్టు అని అర్థం

నేను ఎవర్ని ?

ఈ ప్రశ్న గోతమ సిద్ధుడిని బుద్ధుడి గా మార్చింది. ఇదే ప్రశ్న ఆన్ లైన్ హీరో లను తయారు చేస్తుంది . ఆలోచించండి. ఒకసారి మీరెవరు...? మీరు ఎవరో ఈ ప్రపంచానికి తెలుసా...? మీ గమ్యం ఏమిటి...? Good Job, Banks, Groups, Gate, Cavil's, Police, Business Field. ఇలా ఎందులోనైనా ఆన్ లైన్ ను ఎలా ఉపయోగించు కోవాలనుకుంటున్నారో కొందరైనా స్పష్టత ఉండాలి. RGUKT Students Internet :

- Facebook = Like +Share+ Comment =Trash
- Twitter = Tweet Some Waste thing
- Blog = Writing Bad words

మొత్తం Entertainment + Enjoy అయితే లాభం ఉండదు. సాధించేది సున్నాసమయం వృధా. ఉద్యోగాన్నిచ్చే వ్యక్తి గాని ,కంపెనీ గాని ఏదైనా ఇంకేదో Cityలో ఉండవచ్చు. మన ఆలోచనలు, అర్హతలు, విజయాలు, నైపుణ్యాలు నలుదిక్కులకు తెలియాలంటే Online Reputation Management తప్పనిసరి. ఈ రోజుల్లో ప్రతి విషయంలో ను ఆన్ లైన్ చాలా ప్రభావం చూపిస్తుంది. మన అర్హతలు, నైపుణ్యాలు, creativity... ఏదైనా ఆన్ లైన్ లో ఉండడం మంచిది .

Internet --వాడకం:

- ◆ **Steve Jobs** : Apple Phone రూపకర్త Steve Jobs. Appl Phone కంపెనీ ప్రచారానికి ఆన్ లైన్ చాలా ఉపయోగపడింది. తద్వారా ప్రపంచంలో No. 1 కంపెనీ అయ్యింది .
- ◆ **Barack Obama** : President of the United States. ఎన్నికల ప్రచారంలో ఆన్ లైన్ ద్వారా ఓటర్లతో ప్రజల అభిప్రాయాల్ని, ఆలోచనల్ని పంచుకోని అమెరికా అధ్యక్షుడు అయ్యాడు.
- ◆ **Dhanush** : ధనుష్ తన కొలవెరి పాట ను YouTube లో Share చేయడం ద్వారా మంచి స్పందన వచ్చి ఎన్నో ప్రశంసలు అందుకున్నాడు .
- ◆ **A.R Rehman** : మొదట్లో A.R Rehman సినీ ఇండస్ట్రీ లో వచ్చాక చాలా కష్టాలు పడ్డాడు. ఆన్ లైన్ లో తన Music ను Share చేయడం ద్వారా Hit అయ్యి చాలా offers వచ్చాయి . చివరకు Oscar Award కుడా గెలుకున్నాడు.

Networ-King Student :

Online లో Students ప్రత్యేకత నిలుపుకోవాలంటే...

- * **Yahoo Answers** : లో రకరకాల ప్రశ్నలకు సమాధానాలు రాయవచ్చు .
- * **Wikipedia** : మీకు తెలిసిన అంశాలపై వ్యాసాలు రాయవచ్చు. Essays ను Edit చేసి Extra Information రాయడం ద్వారా Google లో మీకంటూ ఒక స్థానం ఉంటుంది.
- * **YouTube** : నలుగురికి ఉపయోగపడే సమాచారాన్ని Video రూపంలో తయారు చేసి YouTube లో ఉంచండి.
- * **ఆలోచన కొత్త గా ఉంటేఅందరు మిమ్మల్ని ఆదరిస్తారు.**

Internet - తప్పులు :

మనం మాట్లాడుకునే మాటాలన్ని గాలి కబుర్లే. గాల్లో కలిసిపోతాయి. కానీ ఆన్ లైన్ లో రాసిన చిన్న రాత్రైనా రికార్డ్ అయ్యిపోతుంది. Upload చేసిన photos విషయంలో జాగ్రత్త అవసరం. అరుణ్ ఫ్రెండ్ వరుణ్ కు Job వచ్చింది. Weekend Party కి పిలుపు వచ్చింది. Arun సిగ్గుపడుతునే పెగ్గు పుచ్చుకున్నాడు. ఒకటి రెండు అయింది. రెండు మూడైంది. సీసా ఖాళీ అయ్యింది. తాగరాభాయ్ తాగి ఊగరభాయ్ అంటూ Kick ఎక్కి పాడుతుంటే Camera Phones Click అని అన్నాయి. మత్తు దిగేలోపు పోటోలన్నీ Facebook లో ఎక్కేశాయి. Next Day Arun Interview - Rejected. మరో గంటకే మరోక షాక్ వైజాగ్ పెళ్ళి సంబంధం దొబ్బింది.

Reason = Facebook Photos. అరుణ్ అందంగా ఉంటాడు కాని అలవాట్లే అదో రకంగా ఉంటాయి. అని పెళ్ళి సంబంధం Cancel చేశారు . Note book తో మొదలుకొని Facebook వరకు జాగ్రత్త గా వాడుకోవాలి. ఉద్యోగ సిద్ధిరస్తుకైనా, కల్యాణ ప్రాప్తిరస్తుకైనా online చరిత్ర ను జాగ్రత్త గా ఉంచుకోవాలి

సందేశం : IITians

సప్త సముద్రాలకు అవతల రాజమహాల్ లో ఉన్న బంగారు చిలక ను తీసుకరావడానికి వెళ్ళిన రాకుమారుడికి దార్లో చాలా సమస్యలు ఎదురవుతాయి. దారి తప్పించే ప్రయత్నం చేస్తాయి. ఆన్ లైన్ లోను అలాంటి టక్కుటమార చేష్టలు చాలానే కనిపిస్తాయి. చూపు తిప్పామా ? దారి తప్పుతాం. హీరో అవ్వాలన్న వాళ్ళం కాస్తా జీరో గా మిగిలిపోతాం. Online లో మన Attitude ఏలా ఉండో... Real life లో కూడా అదే విధంగా ఉండాలి .
 మనిషి వ్యక్తిత్వం చెట్టులాంటిది.
 మానవ ప్రచారం నీడ లాంటిది.
 చెట్టులా పైపైకి ఎదుగుతునే .
 నీడల నలుదిశలకు విస్తరించాలి .

Heart and Soul of IITians = Internet

Use Internet to reach your Target. Every IITians should become an Internet Hero /Heroine

— G. Ramesh Varun, B101521, E1

DUS KA DUS... FATA — FAT

A small interview with IIT student.

Interviewer- మీ కాలేజ్ పేరు?

IITians- మా కాలేజ్ పేరు ఒక్క మాటలో చెప్పలేను...! ఎందుకంటే RGUKT, IIT, APIIT, RGUIIT... అని ఇలా చాలా ఉన్నాయి.

Interviewer- మీరు ప్రతిరోజు ఎప్పుడు పడుకుంటారు?

IITians- రోజు తెల్లవారుజామున పడుకుంటాము (00:30 am)

Interviewer- మీరు Daily attendance సైట్ లో login అవ్వాలి, కాబట్టి Daily క్లాసులు attend అవుతారా?

IITians- Automatic Attendance login Program run చేయడానికి ఒక్కసారి వెళ్ళాలి.

Interviewer- దేవుని పండుగ. అదీ ఆదివారం రోజు వస్తే మీకు MESSలో specials ఏమైనా చేస్తారా...?

IITians- ప్రతీ ఆదివారం పెట్టే CHICKENను బండ్ చేస్తారు.

Interviewer- భారత్ బండ్ కాని, తెలంగాణ బండ్ కాని ప్రకటిస్తే ... ఆ రోజు ఖాళి కదా, Hostel room లో REST తీసుకుంటారా?

IITians- Rest తీసుకుంటాము కాని Hostel room లో కాదు, రోజులా class roomలోనే తీసుకుంటాం. ఎందుకంటే మాకు NO బండ్ 's

Interviewer- ప్రతి క్లాసు 2గంటల ఉంటుంది, అంత periodఅంటే చాలా కష్టం కదా!

IITians- అవును, కష్టమే!! అందుకే songs వరకు forward చేసి రెండున్నర గంటల మూవీని రెండు గంటల్లోనే చూస్తాము...

Interviewer- మీ Canteen లో అన్నింటికీ రేట్లు చాలా ఎక్కువ కదా దానికి ప్రత్యమ్నాయంగా ఏమైనా అధికారుల్ని అడిగారా?

IITians- Canteen దగ్గర ఒక ATM machine provide చేయమని అడిగాం..!

Interviewer- మీకు ప్రతీ వారం Exam అంటే కష్టం కదా.. బాగా రాస్తున్నారా?

IITians- బాగా రాసేది Exams కాదు, "Automatic exam writing without student"అనే program.

Interviewer- ప్రతీది Laptopలో చదవడం గొప్ప విషయం. ఆ laptop ప్రభుత్వం ఇప్పించిందా?

IITians- ఆ laptop ప్రభుత్వం ఇప్పించింది, అదే laptop మా అందరికీ నాలుగు కళ్ళు ఇప్పిస్తుంది(eye-glasses).

Interviewer- చివరిగా... నీ ఆశయం. అందరిలా కాకుండా చాలా కొత్తగా చెప్పాలి.

IITians- ప్రతీ IITవిద్యార్థికి ఒక ఆశయం ఉండేలా చేయడమే నా ఆశయం...!!!

— Priya Bharath. G, B093006, ME

☉ Indians Don't Need Govt. School, Govt. Bus, Govt. Hospital, But they only need Govt. Job

☉ Sweet line at hospital —

If you want to see so many Beautiful Girls and handsome Boys Even after your death then "Donate your Eyes"

☉ At Government office —

"Don't make any noise."

Someone added the following words:

“Otherwise, we might wake up”

☉ E-1 Faculty is saying “E1 students are very Lazy” but they don't know we are saving energy for End Semester Exams.

☉ First line to write in exams:

“All the answers written below are imaginary and work of my creative mind. Any resemblance to content or reading material pages is unintentional and purely accidental”

—Ramesh Varun, B101521, E-1

RGUKT లో సీటు...

పరీక్షించింది నా ఫీటు...

ఎలాగో అలాగా వచ్చాను నేను ఇటు...

కానీ ఏమి చేయలేకపోతున్నాననె లోటు...

ఏదో చెయ్యాలని నా ఢాటు...

అందుకే రాసా ఈ పీటు...

ఎవైనా తప్పులు ఉంటే అది నా పొరపాటు...

కానీ ఇలాంటిది రాయడం నా అలవాటు...

— Vani, B082103, Ch.E

Hit-Average-Flop

Loud Cry of Clubs for Participants & Audience too

Enthusiasm- Artha defines enthusiasm as “a feeling of excitement/ a lively interest”. Stardict says: “a strong feeling of interest and enjoyment about something and an eagerness to be involved in it”. If English is the largely spoken official language in the world, then both the definitions should be the same. As each dictionary has its own way of defining a word, our dictionary (RGUKTs) has its own unparalleled definition of enthusiasm, which explains:

“excitement and eagerness to be involved in studies and sitting in front of the black body”. I am extremely sorry. Even I don't accept this bloody definition but thinking in a rational perspective, the



Empty chairs in the back: Quiz Club

definition holds good. As the Aditya Birla Group says, “An Idea Can Change Your Life”, Acer says that “Our Laptop Can Change Your Life”. Though it is hard to conceive the truth, Acer is correct 100%.

To be honest, knowingly or unknowingly, fortunately or unfortunately, I am enslaved to Acer Travelmate. This small Travelmate has shown me the meaning of life, the life which includes 9 WTs, 3 MTs and 1 EST and infinite number of games and movies per semester. Recently, it added an additional flavor in the form of Zimbira. In this breathtaking schedule, I have confined myself to the classroom from morning 8:00 am to 10:30 pm i.e., 14:30 hours a day in front of a small black body radiator. This routine schedule lasts for 112 days per semester. I should thank ACER for providing me the black body radiator. But when I typed “Extra Academic Activity” in our dictionary, it showed, “Queried string not found in the thesaurus”. Of course, the outcome of the random experiment is expected beforehand. Just wait a minute...am I misguiding? I think I am. I should enter into the picture.

When Naveen and Balaram announced that they are going to start “Quizzes Club” during the time of Summer, 2010, very rare students came to know what a club actually mean. Soon after, we have various clubs in the form of e-magazine, The Student, Student Seminar Series, SARP Club, Waste Material Management, Child Labor Education and Sahaai Program. One should appreciate the coming up of these clubs in the span of just two years. We are very fortunate that they still exist.

Shiv Khera, in his documentary entitled “Freedom”, mentioned that “Indians can lead but they cannot be lead.” The reason I am using this sentence here because it applies to us too. This is the solution less problem we are facing. There will be many reasons to explain why IITians can lead but they cannot be lead. But the answer for all those reasons is the same-- We tell others to do something but we don't follow our words. We can

form clubs but we cannot participate. We can give stimulate others by giving electrifying seminars and messages but we won't get stimulated. That's the area where we lag. Take the example of this magazine itself. This magazine was established to bring awareness about what's going in and around our campus and to develop writing and analytical skill for those who are interested to participate in it. But, as the time progressed, publishing the magazine for each edition got delayed due to the busy routing schedule mentioned earlier. As a result, the interest among our friends to participate in it reduced. There is point of time where the survival of the magazine is in stake. The same formula can be applied to each and every other club in our campus.

Every time when the Quiz Club organizes Quiz Competitions, participants give their names with lot of zeal. But, the same zeal cannot be seen among the audience. Of course, we rarely find audience at the back. Our friends don't even come to cheer our classmates. Then, what is the use of conducting quiz for?



Empty chairs in the middle of the room: SSS Seminar contest Finals

What is the use of magazine which is scrolled only once, for images, on the day of release?

When SSS organized the Seminar Contest, the participants rushed to the organizers to give their names. In the league stage, at least the classroom in which the contest has been held is marginally filled. But, in the finals, the participants themselves became audience. There's nobody even to clap at the presentations. Whom are they presenting their seminars to? To the empty chairs and desks and the four walled huge classrooms. When Child Labor Education Club members announced their motto in the classrooms, everyone raised their hand (even I raised my hand) indicating that they are ready to take part in liberalizing the child labor. But, there's no need to explain how many got stuck to their words (hands to say) and the current status of the program.

SARP Club was formed with an aim of enhancing soft skills and professional development among the students. Its first activity was a competition on Group Discussion. Hon. Director, Rajendra Sahu and faculty members were invited to the competition and hence there is appreciable audience to view it. But, the number of viewers decreased for the second activity, Extempore, although the number of participants were high. Extempore-2, its sequel, was conducted on Gandhi Jayanthi. But, it remained fruitless for the participants as well as organizers. On the same day, marking the initiation of XI conference of parties, the Department of Biology organized Bio- Diversity Program, which includes seminars, group discussion, etc. The number of partici-

pants is appreciable. Many of them registered for giving seminars. But, as the program went on, everybody got the same but big question, Whom are they presenting their seminars to? Even the class in which the program was held is barely filled. These are some examples where we can find appreciable number of participants.

If we take the examples of NCC, NSS, essay writing competitions, etc. one can count the number of participants directly by looking at them. NCC will be seen only on the two sweet National Holidays, Independence Day and Republic Day. NSS don't even bother about service (we should exclude NSS Girls Wing here). Out of 7000 students, only 70 participated in the essay writing competition on "Olympics and India in Olympics", 1 participant from 100 students. Baron Pierre de Coubertin, in his Olympic Motto, explained that taking part in Olympics is itself a great honor, win or lose doesn't matter. But, we quit from the competition without taking part in it and we don't even encourage our friends those who are willing to participate.

Imagine the situation where the Indian cricket team playing the World Cup Final, 2011 in the empty Wankhade Stadium!

Imagine the situation when MSD hits the winning shot but nobody cheers him up, except the teammates. Imagine the situation when Shared Power handed over the World Cup to the team, but the team finds nobody to give their poses to. Even the players don't get interest to play in these horrible situations. But, we are doing the same thing here, in RGUKT. If the participants and audience were insufficient, the organizers find it difficult to organize any event.

It is not that we don't have enough capacity and capability to take part in those kind of events but, interest is what that matters. We are interested in attending classes from 8:00 am to 5:00 pm, attending ABC courses in the evenings, taking exams every weekend, having 4 shows on Sundays, etc. One black body radiator has changed everything. If the black body radiator performs its functioning in the same manner as earlier, it will be very difficult for the existing clubs to sustain in IIITB. New Clubs will form, but the already existing clubs perish. Of course, we may need to wait for one more year or more to witness Science Fair.

—*Raja Harish Kumar. M, B083290, ECE, E3*

RGUKT to "Our RGUKT"

Universities in India are recognized by the University Grants Commission (UGC), which draws its power from the University Grants Commission Act, 1956.

In our state, we have 3 Central, 30 State and 7 Deemed universities. And ours is the one among the deemed universities. Our university provides a great opportunity for the rural youth who wants to shape their future in a better way. Here we are provided with dual degree in B-Tech by formulating 6 years Integrated course, which is found no where else in our state. There is no ragging in the campus and we can even find security guards everywhere. And there will be no entrance exam to get into B-Tech course. Your capacity is also being checked over here by considering your CGPA for branch allocation in B-Tech 1st year. Our campus is equipped with modern technology of present generation which is seen no where else in Andhra Pradesh. Every object has a positive and negative side. It's common for all. Even the coin has two sides. Thinking about positive or negative depends on the person himself/herself. If we neglect the negative part, then we can appreciate the usefulness of it. What do we feel when we think about our campus?

Firstly we would like to talk of problems but we don't even consider are benefits we earn here. Our content is prepared after referring to many university courses which are effective and successful. From this, we can conclude that our course content is very valuable. But most of us don't realize this truth. So, we are neglecting and not utilizing that even 90%. As ambitious students, we need not depend upon others (may be friends) for our success. Don't think that someone is going to come and help us after leaving RGUKT, it's like finding "mirages in desert". So, we have to try ourselves first and then seek help.

If we talk about lecturers over here (may be faculty or mentors), they are really fantastic regarding their academic qualifications and their explanatory techniques are really unique and versatile. They make the students understand everything, giving all the required tips. Students really should be thankful for their patience in clearing their doubts. Students are also provided with different extra academic activities. They have yoga classes, early morning exercises and sports ground separately for boys and girls. The hostel environment is also very excellent where all the students live together as one family and share their sorrows and happiness with others.

Students of RGUKT are trained in such a way that they use water and power judiciously. Students are even encouraged in other activities like essays, drawing, singing & it even conducts painting expos, extempore and fests for different branches. There is RYTHM Trust and SAHAAI for helping the students and the poor respectively. Here, we can find the humanity of the students. RGUKT proposed uniform system even in the college which you can't find outside. In our campus we can find every student in uniform unlike other colleges where students don't follow the rules even if they are have the rule of wearing uniform. It is a good thing to be appreciated as equality will be maintained and there would be no discrimination on any degree. There are several other norms which make the students know the disciplinary values.

This is how our RGUKT is and it will be remained RGUKT.

—*Sravani. D, B101703, E1*

Vaishnavi. B, B101748, E1

Trip to Nagpur– A City of Oranges

Hello friends,

Now I would like to portrait our travelogue to the city of oranges, Nagpur. As a part of science fair, we (Team Tyranno) have visited Raman science institute therein. Though, it was of only two days this sojourn went substantive. We thought of going to Nagpur as per the directions of faculty to learn more for exhibiting our models in upcoming Science fair. So that we can exhibit them in a photogenic way. A team of 14 members along with 2 faculty members, we began our journey by bus from NIZAMABAD. Our souls filled with replete of zest and everyone were passionately curious about the next day in city of “0” mile for maiden time. By morning we got imported and were welcomed with vast lands of ripe oranges of the city. We got our self ready and had some palatable local parota. The Centre was located opposite Gandhi Sagar lake which is the heart of Nagpur. Raman Science Center, a premier institute in Nagpur, dedicated to the promotion of science and technology. The centre carries out numerous programs to spread science and technology knowledge amongst the general public. Invention Gallery interactive exhibits, one can empathies the fundamental scientific principles behind these inventions. The centre is part of the National Council of Museums (NCSM), which is also the largest network of science museums.

We found that institute timings were scheduled from 11:30 am to 7:00pm. We got there by 11:30. By the moment we entered into the institute we our self felt that we were entering into the different world of science. Every part from complex models to simple sitting chairs exhibited some phenomenon of science. The institute has versatile series of sections. At first, We started with TARAMANDAL SHOW which explained sky observations and basic principles in theater thereby. Then we went for visual perception of the working models and poster presentations domain. Out of those, poster presentations have drawn everyone's attention. The way they presented their models was photogenic and was in most illuminated mode. Coming to Working models, we can find large amount of working models. There we collaborate examined the projects of miscellaneous streams and analyzed the basic principles involved. And many of them mesmerized us and put us in illusions especially the arrangement of reflecting and refracting glasses. The paper presentations over

there like Invention time line, Morse Key, Future Technology, bicycle generator and many more were fantabulous. We even attended the Science lecture on vacuum and traced out outcomes of presence and devoid of vacuum.

In the meanwhile, we thought of exploring Nagpur as much as we could. As it was situated at center of Indian peninsula far from the Bay of Bengal and the Arabian Sea, it has a tropical wet and dry climate. Nagpur enjoys a very dry or semi-humid climate throughout the year excepting the monsoon months of June and September. The city contains a large conglomeration of people from other Indian states as well as people belonging to the world's major faiths. People from various religious and cultural backgrounds arrived from different parts of the country dwell here in peaceful and unified equilibrium. Nagpur plays host to cultural events throughout the year. The real amusement commenced when we happened to see the geographical centre of India “Zero Mile stone”, located at the centre of Nagpur city. That spot is root for measuring distances to all parts of India.

We even visited sanctuary famed for possessing wide assortment of flora, fauna and marine museum which included sloth bear, blue bull, recus macaque, bonnet macaque, rose ringed parakeet, milvur migrans, elbino tiger shark, kissing gorami, black gold fish, red carp fishes, etc. Then we called in for some devotional places like 'Deekshabhoomi' i.e., the largest hollow stupa or the largest dome shape monument and 'Durga mata' temple. Overall trip wouldn't be that delighting and amusing, if we were not accompanied by the esteemed faculty members.

However, over head trip ended on 11th sep, 2012 with immense rejoice...!

— *H. Gauthami, B092773, E2*

T. Karthik Reddy, B092847, MME, E2



జీవితంలో గెలవడమే కాదు.... జీవితాన్ని గెలవండి

Jayakrishna Reddy. M,

M.Sc., M.Ed., M.S. (Counseling & Psychotherapy),
Mentor in Mathematics.

ప్రియమైన నాన్న గారికి,

నేను ఎంతో కష్టపడి చదివినా మీరు నా నుండి ఆశించే మార్కులు తెచ్చుకోలేక పోతున్నాను. అందుకే మీకు నా ముఖం చూపించలేక ఈ జీవితాన్ని వదిలి వెళ్ళి పోతున్నా. నన్ను క్షమించండి. అమ్మను జాగ్రత్తగా చూసుకోండి.

ఇట్లు,

నీ కుమారుడు.

ఉపాధ్యాయుడు తరగతి గదిలో తోటి విద్యార్థుల ముందు అవమానపరిచాడనో, పీజులు కట్టలేదని పాఠశాల నుండి ఇంటికి పంపించేశారనో, సరియైన మార్కులు, ర్యాంకులు రావటం లేదనో, కోరుకున్న ఉద్యోగం దొరక లేదనో ఇలా ఒక్కో కారణంతో చాలా మంది తమ అమూల్యమైన ప్రాణాలను విడుస్తున్న ఘటనలు తరచుగా మనం వార్తా పత్రికలలో చూస్తూ ఉంటాం. జీవితంలో ఏదో సాధించాలని తపన పడతాం. అది సాధించేందుకు ఎంతో కష్ట పడతాము. కానీ, అది సాధించలేక పోయినప్పుడు అదైర్యపడి, ఇక జీవితమే వ్యర్థమని నిరాశకు గురి కావలసిన అవసరం లేదు.

చిన్నతనంలో సైకిల్ తొక్కడం నేర్చుకోవాలనే ఆసక్తి అందరికీ ఉంటుంది. కానీ ఒక్కరాత్రిలోనే సైకిల్ తొక్కడం నేర్చుకోవడము జరగదు కదా. అది నేర్చుకోనే క్రమంలో ఎన్నోసార్లు సైకిల్ పై నుండి క్రింద పడతాం, దెబ్బలు తగులుతాయి. అయినా మరోమారు ప్రయత్నిస్తూనే ఉంటాం. మరి సైకిల్ నేర్చుకోవడంలో ఉన్న దైర్యం, పట్టుదల జీవించడంలో మాత్రం ఎందుకు ఉండట్లేదు?

ఒక పదవ తరగతి విద్యార్థి బాగా చదివి, రాష్ట్రస్థాయి ప్రథమ ర్యాంకు సాధించాలనుకుంటాడు. దాని కోసం బాగా కష్టపడి అనుకున్నది సాధిస్తాడు. ఆ తర్వాత ఇంటర్మీడియట్ బై.పి.సి కోర్సులో చేరి మంచి ర్యాంకుతో యమ్.బి.బి.యస్ సీటు పొందాలనుకుంటాడు. అతను అనుకున్నట్టుగానే ఎంసెట్ లో మంచి ర్యాంకుతో యమ్.బి.బి.యస్ కోర్సులో సీటు సంపాదిస్తాడు. తన తల్లి దండ్రులు ఒక మంచి, అందమైన అమ్మాయి తో తనకు వివాహం జరిపించాలని అనుకుంటాడు. అతడు అనుకున్న వెంటనే అతని తల్లి దండ్రులు ఒక అందమైన అమ్మాయి తో అతనికి వివాహం జరిపిస్తారు. అతనికి పుట్టబోయే ఇద్దరు పిల్లలలో ఒకరిని డాక్టరుగా, మరొకరిని ఇంజనీరుగా చేయాలని అనుకుంటాడు. అతడు అనుకున్నట్టుగానే కొన్ని సంవత్సరాల తర్వాత అతడి పిల్లలు ఒకరు డాక్టరు, మరొకరు ఇంజనీరు అవుతారు.

ఇదీ కథ. ఈ కథతో సినిమా తీస్తే ఎన్ని రోజులు ఆడుతుంది? ఎంతమంది ఈ సినిమా చూస్తారు? ఈ సినిమా ఎవరికీ నచ్చదు. ఎందుకంటే ఆ కథలో అతడు అనుకున్నది అనుకున్నట్టు గా జరిగిపోతుంది కదా. అందులో ట్విస్ట్ ఏముంది? బోర్ కొడుతుంది. అని అంటారు.

మనం చూసే రెండున్నర గంటల సినిమాలోనే ట్విస్ట్ లేకపోతే బోర్ కొడుతుంది కదా. మరి మన వంద సంవత్సరాల జీవితంలో అన్నీ మనం అనుకున్నట్టు గానే జరిగిపోతూ ఏ ట్విస్ట్ లేక పోతే మాత్రం బోర్ గా అనిపించదా?

జీవితంలో ఏదైనా సాధించాలనుకోవడం, దానికోసం కష్టపడటమే కాదు... అది లభించనప్పుడు తట్టుకోగల దైర్యం కూడా ఉండాలి. పడి లేచిన కెరటంలా మరోమారు ప్రయత్నించాలే కానీ అదైర్యంతో నిరాశ పడకూడదు.

జీవితంలో జరిగే ప్రతి సంఘటనకీ “ఇలా ఎందుకు జరిగింది? ఇప్పుడే ఎందుకిలా జరిగింది? నాకే ఎందుకిలా జరిగింది?” అనే ప్రశ్నలు వదిలి “ఇప్పుడేం చేయాలి?” అని ఆలోచిస్తే ప్రతి సమస్యకు పరిష్కారం దొరుకుతుంది.

“కన్నీళ్ళు” చాలా విలువైనవి. అవి మనకోసం ఉపయోగించడం కాదు... ఎదుటి వారి బాధలో ఓదార్పు కోసం, చేయూత కోసం ఉపయోగించినప్పుడే వాటికి విలువ ఉంటుంది. జీవితంలో గెలవడమే కాదు.... జీవితాన్ని గెలవండి.

“ఒక్కటంటే.... ఒక్క లైఫ్..... ఏడిపించకు దాన్ని.”



The average lead pencil can draw a line that is almost 35 miles long or you can write almost 50,000 words in English with just one pencil.

- ⇒ Intelligent people have more **Zinc** and **Copper** in their hair.
- ⇒ Pig is the **fourth most intelligent animal** in the world.
- ⇒ The average computer user's eye blinks **7 times per minute**.
- ⇒ Mercury is also known as **Quick Silver**.



The earlier name of tomato is **Love Apple**.

- ⇒ The names of all continents **end** with the same letter with which they **start**.
- ⇒ The blue whale is the **largest animal** on earth. The heart of a blue whale is as big as a car, and its tongue is as long as an elephant.
- ⇒ Turtles have **no teeth**.



24carat gold is not pure gold since there is a small amount of copper in it. Absolutely pure gold is so soft that it can be molded with the hands.

- ⇒ Navigation is derived from the Sanskrit word **Navgath**. The word 'navy' is also derived from the Sanskrit word **Nou**.

Silly Point



The original name for the butter fly was "flutterby".

- ⇒ Ants **don't sleep**.
- ⇒ Fingernails grow nearly **4 times faster** than toenails.
- ⇒ The only two animals that can see behind themselves **without turning their heads** are the rabbit and the parrot



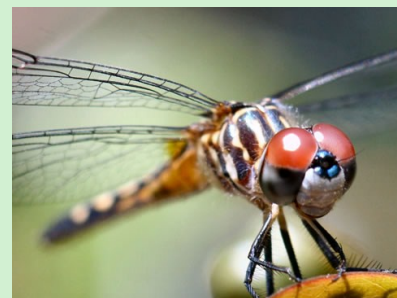
A rat can last longer without water than a camel can.

- ⇒ The game of snakes & ladders was created by the 13th century poet saint Gyandev. It was originally called **Mokshapat**. The ladders in the game represented **virtues** and snakes indicated **vices**.
- ⇒ The original meaning of quiz was **trick**.



When you sneeze, all bodily functions stop, even your heart also.

- ⇒ Like fingerprints, everyone's **tongue print** is different.
- ⇒ Your feet are **bigger** in the **afternoon** than any other time of day.



Dragonfly eye contains 30,000 lenses.

Vowels

- ◇ The words that contains all the vowels: Authentication, Remuneration, Education, Automobile, Miscellaneous.
- ◇ Words that contain all the vowels in order: Facetious and Abstemious.
- ◇ Words that contain all the vowels in reverse order: Uncomplimentary, Unproprietary, Unoriental and Subcontinental.
- ◇ Words with no vowel in them: Myth, fly, sky, dry, spy, cry, rhythm, crypt.

— Saritha. G, B082969, CSE, E3

Language Facts

- * TYPEWRITER is the longest word that can be made using the letters only on one row of the keyboard.
- * "Go" is the shortest complete sentence in the English language.
- * The words "abstemious," and "facetious" both have all the five vowels in them in order.
- * No word in the English language rhymes with "MONTH."
- * The "sixth sick sheik's sixth sheep's sick" is said to be the toughest tongue twister in the English language.
- * The sentence "the quick brown fox jumps over the lazy dog" uses every letter in the English language.
- * The word "lithological" describes the state of not being able to remember the word you want.

- Nikhila. G, B091925, ECE, E2



ARTIFICIAL HEART

We all know that humans can survive with their persisting defects in their health but what happens when the human's clock (The Heart) stops its function.

The immediate answer we get is that the person is going to die, but we are very familiar with heart transplantation. The thing is that this works only when there is an immediate availability of heart donor. If in case there is an absence of donor, in such an emergency situation..?

You can track the situation by implanting an artificial heart. But, is it a complete replacement of the existing heart or something different from this? Here comes the answers for all the questions.

What is an Artificial Heart?

It is a device that replaces the two lower chambers of the heart, ventricles, which can supply purified blood to the whole body parts.

Heart failure occurs at a condition in which the heart can't pump the enough blood to meet the body's need. Here comes an end where the situation has become so severe that all treatments except heart transplant, failed.

Reasons for the implantation of Artificial Heart:

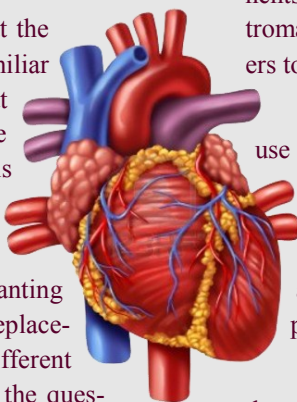
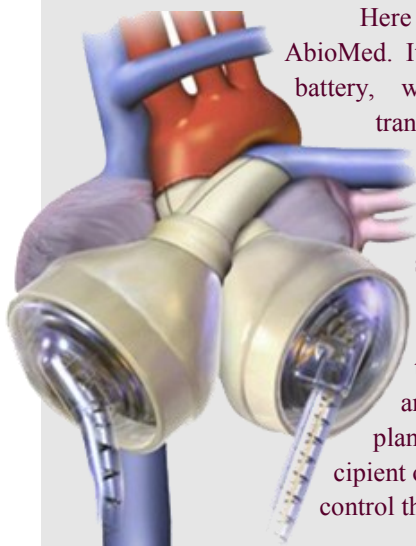
To keep you alive while you wait for a heart transplant. If you're not eligible for a heart transplant, but you have end-stage heart failure in both ventricles.

Where it can be placed?

It is attached to the heart's upper chambers—the atria and works as if our natural heart's ventricles. Between the Artificial Heart and the atria are mechanical valves that work like the heart's own valves. Valves control the flow of blood in the heart.

AbioMed, Syncardia Temporary Cardio West are some of the Artificial Hearts we have now.

Here is a detailed description about AbioMed. It uses an internal pump and battery, which can be charged via transcutaneous energy transmission. Transcutaneous energy transmission is a method of transferring power under the skin without having to penetrate it, thereby decreasing the chance of infection. In these type of AbioMed hearts, an electronics package is implanted in the abdomen of the recipient of the transplant to monitor and control the pumping of the heart.



Principle:

Power is supplied from an external source to the components under the skin, without penetrating it, using inductive electromagnetic coupling – the same principle as used by transformers to transfer electricity between different circuits.

The systems of transcutaneous energy transmission will use an external power supply connected to an external coil of wire, generating a magnetic field in it. This magnetic field in turn, produces an induced voltage in a second coil implanted under the skin. A rectifier is used to change this alternating current into direct current that can be used to power the electronics of the heart and its controller.

Here it needs to keep the two coils aligned correctly as the patient moves, in delivering the correct level of power so that there is no excess dissipation, as heat, to potentially damage surrounding tissue in the patient's body, and in making the components small enough to be carried around without too much discomfort.

Monitoring blood flow:

A replacement heart needs to be able to monitor the flow of blood to regulate its pumping and ensure that the correct amount of blood is delivered around the body. Ultrasound is used because it can monitor the flow of blood without having to be in contact with it.

Materials being used:

Artificial hearts need to be made of light but durable materials – the Syncardia version is plastic whereas that made by AbioMed is a combination of titanium and a specially developed polyurethane, called 'Angioflex'. It weighs 2 pounds (0.9 kg). Although the AbioMed heart is designed to have as few moving parts as possible, those that it does have are made from Angioflex and are tested to ensure that they are safe for contact with blood and capable of withstanding beating 1,00,000 times a day for years on end.

Techniques being used:

Condensed-Matter Physics, including Electron Microscopy X-ray diffraction Neutron diffraction

An artificial heart being produced by the French medical company, Carmat and expected to be available by 2013, will use chemically treated animal tissue to help avoid rejection by the host's immune system.



— Sunitha. D, B091003, ECE, E2

Roja. T, B092219, ECE, E2

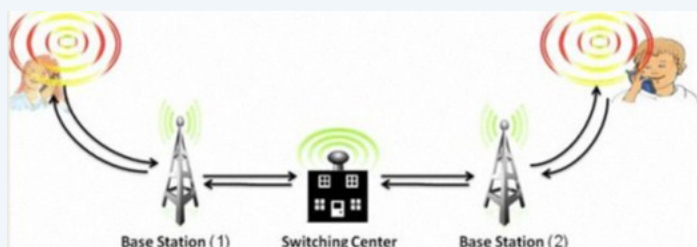
How do Mobiles do Friendship ???

How communication takes place?

- > When the caller start the call, the electromagnetic filed transmit from his mobile antenna which is received by the closest base station “BS”.
- > Then the signal is transmitted from the BS to the switching center “SC” in order to check the authentication of the caller and receiver.
- > After that, the SC will transmit the signal to the closest BS in the receiver side.
- > Next, the BS is going to transmit electromagnetic wave which should be received be the receiver mobile antenna.
- > Finally, after the receiver opens the line, the two way communication connection establishes between two persons.

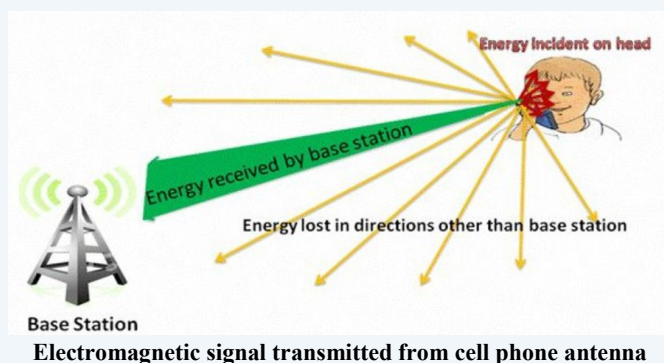
Caller (1)

Receiver (2)



How the radiation is produced by a cell phone ?

- ⇒ Cell phone radiation is transmitted by cell phone antenna in all directions.
- ⇒ Most of the energy will be lost in the space.
- ⇒ A part of the energy will be received by base station.
- ⇒ A part of energy will also be incident on human head.



The increased use of cell phones has bought about serious concerns regarding the probable health hazards. This is because mobile phones use electromagnetic radiation in the microwave range.

Maximum Power Transmit:

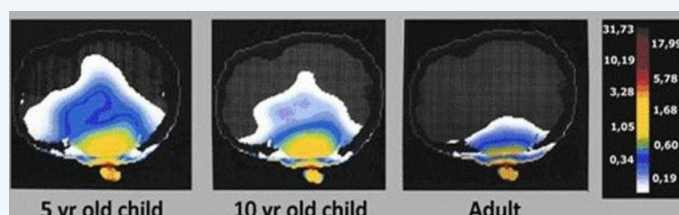
The Federal Communications Commission sets specific absorption rate “SAR” standard which is acceptable power radiation. For cell phones it must not exceed 1.6 W/KG.

Thermal Effects:

Heat generated on the face will be 15 minutes more with the use of cell phone which uses electromagnetic radiation.

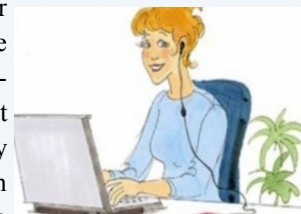
Radiation penetration in the head of a 5 yr, 10 yr and an Adult:

When radiation hits the head, it penetrates the skull. The pictures below is the result of an experiment, shows how radiation penetrates the skull of an adult (25%) 10 year (50%) and 5 year old (75%). The younger the child, the deeper the penetration due to the fact their skulls are tenner and their brains contain more fluid than adults. Radio frequencies travel through children’s brains much more easily and therefore increase the risk of cancer.

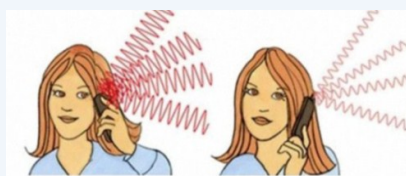


Consider the following while using your mobile phone:

- *Use a hands free set:* The further away from your body the phone is, the less radiation you are exposed to. Using a hands-free set is the easiest way to radically reduce the amount of radiation you are exposed to if you use a mobile phone.



- *Hold it at the bottom:* By covering large areas of the phone with your hand, you reduce its ability to send and receive signal. The phone then increases its power and transmit stronger radiation to compensate this. So hold the phone as far down as possible, so it can operate at low power.



Hazardous areas of use:

- × Don’t use a mobile phone while driving a car. Stop at a safe place and talk.
- × Don’t use your mobile phone in places where there is a lot of electrical equipment, such as hospitals and aircraft.
- × Don’t bathe your mobile phone.
- × Don’t let small children talk on your mobile phone for long periods. They are more susceptible then adults.

— *Jyothi. A, B082153, ECE, E3*

Olympic (& Political) Games (in India)

Olympics:

As we all know, the Olympic Games are considered to be the world's foremost sports competition with more than 200 nations participating and largest multi sport event in the world, with more than 400 events in 35 sports and 30 disciplines.

The Olympic Games took their birth at Olympia in Greece (Athens). The Olympic Games, which were held in between BC 776 and AD 393, are called "Ancient Olympic Games" and these are religious and athletic festivals (here, the athletes are gods, kings and their ancestors) and only the kingdoms around the Greece used to participate. In the early stages of the games, the participants who are interested to participate should qualify in the tests conducted by the King (Lord of Greece). These Ancient Olympic Games were continued till the Roman emperor Theodosius I suppressed the Greece by invading their region in 394 AD.

After a huge timeline gap in the history of sports, Modern Olympic Games were started by **Baron Pierre de Coubertin** in 1896 and he was one of the pioneers of International Olympic Committee (IOC). Just years after their initiation, they drastically captured the attention of the whole world and soon after, they became the world's most populous and fabulous MULTI SPORT EVENT. Common Wealth Games and Asian Games occupy 2nd and 3rd positions respectively.

What is the importance of the Olympics:

As it is the greatest multi sport event, countries from all over the world participate without any discrimination based on the level of economy status. Every country tries to perform to their level best to compete with others in the medal tally. With the motto of **Citius, Altius, Fortius** (Faster, Higher, Stronger), each and every athlete considers participating in Olympics is itself a great honor, win or lose doesn't matter.

India at Olympic games:

Though the Modern Olympic Games started in 1896, India has been taking part in it since 1900. The first participant from India to represent Olympic Games, which were held in 1900, Paris was **Norman Pritchard**, an Anglo- Indian. Since then, India's preference to the sports and participation in the Olympics was enhanced to large extent. India have won Gold Medal in Hockey in 1928 and from then, its winning streak continued till 1956 winning 6 Gold Medals consecutively. That was the unforgettable **Dhyan Chand's** golden era in the history of our national game, Hockey. From 1928 to 1980, India received 11 medals in 12 events, which is a great achievement which cannot be explained on paper. Dhyan Chand, who is considered as the '**Hockey Wizard**', is the main architect behind the rise of Hockey in India. But after 1980, our Indian Hockey team faded away the hopes of winning a medal in Olympics for unknown reasons.



Indian woman athletes started participating in the Olympics since 1984 Olympics. Though India didn't get any medal in that year, it was really memorable for the Indians because of **PT Usha's** disappointing magical performance in 400 m Hurdles and **Shiny Abraham's** semifinal of 800 metres. After that, in 1996 Atlanta Olympics, India have won a medal after a very long waiting. **Leander Paes** won Bronze Medal in Men Jr. Singles Tennis. In the 2000 Sydney Olympics, 52 member Indian squad returned with a Bronze Medal in weightlifting by **Karnam**

Malleswari. With **Rajyavardhan Singh Rathore's** Silver Medal in Men's Shooting (Double Trap), the 2004 Athens Olympics didn't improve India's performance in Olympics.



In the 2008 Beijing Olympics, India experienced the weight of Gold Medal for the first time (in individual event), in its medal tally when **Abhinav Bhindra** won Gold in 10m Air Rifle. Including him, **Sushil Kumar** (Bronze in Wrestling) and **Vijender Singh** (Bronze in Boxing) also got decorated with medals.

In the recent 2012 London Olympics, which is considered to be the most successful Olympics India has ever had, India was able to produce 6 medals. Indian players never had such a streak of success at the Olympics before. This was the first time that India could send 83 participants to compete in 13 sports. The six players who received medals at Olympics were **Saina Nehwal** (Bronze, Badminton), **Sushil Kumar** (Silver, Wrestling), **Yogeshwar Dutta** (Bronze, Wrestling), **Vijay Kumar** (Silver, Shooting), **Gagan Narang** (Bronze, Shooting), **Mary Kom**, (Bronze, Boxing). Sushil Kumar was the flag bearer at the opening ceremony and Mary Kom carried the flag at the closing ceremony.

Degradation of our national game Hockey:

After Dhyan Chand, nobody replaced his place in our national game. He such a tremendous power in Hockey he creates some sort of shivering in other competitors. He was known as "The Wizard" for his superb ball-control and his eye contact with the ball. In his era, Indian National Hockey team won 3 consecutive gold medals in the Olympic Hockey. It was in its peak stage that the opposition was even dared to compete. In all, India bagged 8 Gold, 1 Silver and 2 Bronze medals. Thus, Indian Hockey team is considered as the most successful field hockey team in the Olympic history.



But, as the time progressed, India's performance in the Olympics and World Championship degraded. After the 1980 Moscow Olympics, India secured 5th, 6th, 7th and 8th place in the consecutive games. It even degraded to such an extent that it didn't even participate in the 2008 Beijing Olympics.

As the glory of hockey blew away, the aura of cricket blew in. It is very unfortunate that both happened at the same time. The Indian Cricket team winning World Cup in 1983 made the conditions favourable for cricket. It roused to such an extent that people started worshipping the game. It revolutionized the passion of people. The rise of stars such as Kapil Dev, Sunil Gavaskar, Dilip Vengsarkar, Mohammed Azharuddin, Sachin Tendulkar, etc. were more highlighted than that of Dhanraj Pillai, Dilip Tirkey, Pargat Singh, etc. For almost 30 years, India became a one game nation. It overtook the popularity of all the other games.



Hockey has been our national game of our past, present and will be in the future too. It is symbolic and will not be changed forever. It is our duty to to improve it's condition in India and at any cost, we shouldn't let others ignore it. It's our responsibility to bring back the days of golden era in the field of hockey by providing a good encouragement and funds.

Olympics Scenario in India:

In India, most of the parents want their children to study, fly abroad, earn money and fame, have a luxurious life. Parents motivate their children towards that and influence them by comparing with other, who have taken the breath of foreign air. They restrict their children by creating a circular margin. They don't even think about the society around them.

Actually, the Indian people not give much more preference to the games. They always want their kids to study and get good ranks in IITs and IIITs to earn a good living. But, in my view, study itself won't give good results and study itself won't help us to survive in the society.

Parents should know the capability of their children and they should encourage them according to their respective fields of interest. They should give value to their children's decisions. Forceful actions cannot create good atmosphere. Some may be interested in studies, some may have skills such as painting, drawing, singing, dancing and sports. Parents should take the responsibility to take over their hidden talents. As Swami Vivekananda said "Youth is the back bone of the country", we have a great responsibility over our shoulders. We are born to create an aesthesis.

Why???

Politics has been playing a vital role in development of our country (either sarcastically or realistically). It is not just confined to one particular field of interest. It has been interfering in all the areas of interest by indirectly involving in them, including sports too. We are in such an era that a person with recommendation from a politician can perform better than that of others, who are with recommendation of natural talent. The government (central and state) releases huge funds for the empowerment of sports. I think there is no need to explain in what form the funds are utilized. Instead of providing proper facilities for the enthusiasts, politicians themselves provide facilities for their proper living. Intervention of government (stare) yields good results but intervention of politics ruins them.

We are in such a position that the sportspersons have to pay themselves to acquire better training. 2008 Beijing Gold medalist, **Abhinav Bindra**, trained in London (with his own money) and he openly admitted the fact that coaching in London helped him. Does money make medals? If so, India should be placed in a better position in the medal table, for spending more money than others. Some coaches have their own private academies to train their students, with better facilities than that of national academies. **Saina Nehwal** receives special training in Gopichand's Academy, not National Academy. Before achieving something, nobody will be ready to support or sponsor them but when they acquire enough reputation, money will be flooded to them. Take the example of 2012 London Silver medalist **Vijay Kumar** and Bronze medalist **Yogeshwar Dutt**. Vijay Kumar accepted, "I got more reputation and money than before, just by one medal. But, what about the previous medals?"

A factor which hurts us a lot is that one may not get enough reputation for what he/she achieved. **Indian Mens Kabaddi Team** is the unbeaten champion in the Kabaddi World Cup, victorious in all the four world cups held. But, nobody know their achievement. **Dipika Pallikal** is the Indian squash player who have won 3 WISPA Tour titles in 2011, runner-up of Tournament of Championships, 2012 and reached semifinals of Australian Open 2012. We cannot find a single article on her in the newspapers. But, we'll find many articles and discussions on India's failure in test cricket in recent times and on Sachin's retirement, with lot

of graphics and stats included. When India won World Cup 2011, Manmohan Singh and Sonia Gandhi gave their messages. Can we find their messages when India won Kabaddi World Cup? **Achanta Sharath Kamal** won three Common Wealth Golds and a Bronze in Table Tennis but nobody knows him. Thank God, small column (of few inches) is dedicated for tennis grand slam performances of Indians, either they get runner-up or championship. Despite her successes, **Deepika Kumari** is remembered only during some world class archery events. How can a person overcome all these hurdles?



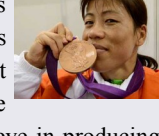
Changing Scenario:

Everybody accepts that India's performance in the planet's greatest sports festival is improving, but slowly. We have 1 Bronze in 1996, 1 Bronze in 2000, 1 Silver in 2004, 2 Bronze and a Gold in 2008 and 4 Bronze and 2 Silver in 2012. Number of medals has been increasing. Hope that it increases exponentially, not linearly.

For 2012 London Olympics, the government selected 732 core probables', with 121 Indian coaches and 29 foreign coaches to train them, 65 member support staff to assist them. The mission was named Opex 2012 and made 146 'foreign visits', spending 200 crores. This resulted in 81 persons getting qualified for the Olympics, higher than all the other Olympics. Hence, we got 6 medals, without a Gold in them.

After the country's best-ever haul of six medals at the London Olympics, the Government has set the goal much higher and the target for the 2020 Games is 25 medals. Sports Minister **Ajay Maken** told that a target of 25 medals have been set in the 2020 Olympics. MP **Sachin Tendulkar** opined that by making systemic changes in the Indian sports, 12 medals in Rio or 20 in 2020 is not a pipe dream. Tendulkar expressed a desire to promote sports in educational institutes, said sports in curriculum and history books highlighting the monumental achievements of greats like hockey legend Dhyan Chand will help stir a passion for the games hitherto less developed.

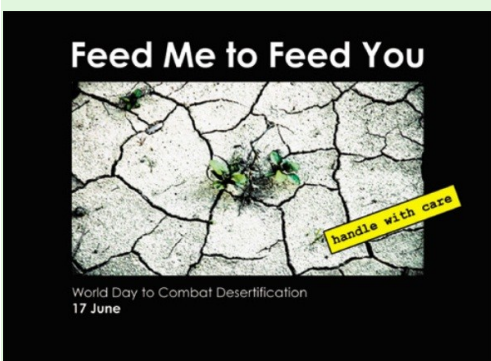
Olympic Gold Medalist, **David Rudisha**, who made his visit as an Event Ambassador for Delhi Half Marathon, said "India have the potential to produce athletes like Kenya and Jamaica but the problem is lack of inspiration and motivation. It is not talent or ability that Indian athletes lack. You need strong sporting culture to produce world-class athletes. Why cricket is so famous in this region because you have inspirational figures. Likewise in Kenya, youth look up to athletes like us. We have produced so many legends in athletics that we always wanted to be like them. It's all about training and changing their attitude towards the game because running comes from inside. It's natural. I believe in producing world-class athletes and, apart from good training, good coaching and infrastructure, you need a strong feeling from inside." Apart from infrastructure and training, if Indians get that kind of motivation and inspiration from others, we can reach great heights in Olympics.



— Padma. P, B083073, ECE, E3

A Culture Put Waiting: Agriculture

One of the major problems afflicted to our Indian Economy is the degradation of agriculture. Agricultural profit is always compared to the population who consume it. Before 1960's, our country didn't face any elusiveness regarding agriculture due to sufficient population. But in 1960, the world's population



reached 3 billion and a third of those were chronically undernourished.

Forty years later, the world's population has doubled to 6 billion but food production has grown even faster and the number

of people who are chronically undernourished has fallen. On the global scale, agricultural growth is in its peak stage. But, on the contrary, the situation is quite opposite in India. Let's discuss some of the reasons for the degradation of agricultural growth in India.

Agriculture is the backbone of Indian Economy. Sardar Vallabhai Patel once said, "There is only one culture in India, Agriculture". It is the lifeline of Indian Economy. But, as the nation got modernized, the share of agricultural income in the national income declined. Number of people who depend on agriculture is still high. The Indian Economic Survey revealed that the percentage of people who directly depend on agriculture and related livelihood is 58% and the percentage of people who indirectly depend on agriculture is 70%. But, it accounts for only 14% in the total national income (GDP). This is the factor to be worried about.

Agriculture is also important for industrial market. Because most of the industries in India are based on agricultural goods and hence it may dampen the industrial growth. It is also crucial for food production and security. We cannot depend on international market for good grains. Jawaharlal Nehru said, "Everything else can wait but not agriculture". But, for 60 years, agriculture has been waiting for proper agricultural productivity.

In these glorious 60 years of Independence, agricultural growth has substantially increased. Food production is increased to a great extent. In 1950s, the food production is 50 million tones. But, in 2011, it roused to 241 million tones, i.e., 4 times (4x) in 60 years. We should also take in to consideration, the exploding population. In 1947, the population bearded by Indian soil is 347 millions. There is no need to tell present magic number. It increased 3.5 times in 60 years. Though agricultural growth is higher than that of population, it could not meet the demands. Since 9th Five Year Plan, targets were missing in agriculture. 9th Five Year Plan recorded only 2.5% growth and 10th accounted for 3.2%. Both 11th and 12th Five Year Plans set the target of 4% growth but 11th recorded only 3.2% and the 12th is yet to come. Now, agricultural growth is accompanied by sui-

cides, migrations, rural-urban imbalances, price hikes, socio-economic inequalities, etc. For every 1% growth in agriculture, there will be decline in the poverty by 2.3%. But, the population is continuously exploding and hence the poverty decline is not up to the mark.

Causes for slow growth in agriculture:-

Agriculture has become a negative economic propagations:-

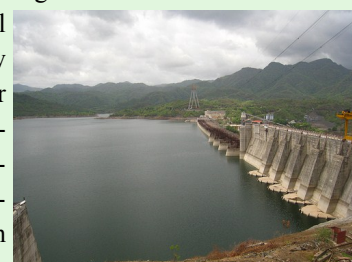
National Sample Survey (NSS) revealed that 40% of the farmers are willing to give up agriculture if they are provided with any other alternative profession. This is the factor to be worried. The main reason behind this is that, as the cost of production increased, the prices of agricultural commodities unaltered or decreased. Agriculture has become financially viable. The cost of seeds, irrigation (pumps, diesel, etc.), fertilizers, and labor (according to the National Rural Employment Act, agricultural wages roused by 60%) increased significantly. But the prices of agricultural products didn't increase. For example, the cost of production of rice is 921 Rs/ Quintal. The minimum supported by state government is 1382 Rs/ Quintal. But the minimum support price offered by the central government is 900 (actual) + 50 (bonus) Rs. The local farmers are not even getting the break even. Then, what is the use of agriculture?

Non-farm Rural Employment:-

It is very obvious that agriculture lonely cannot provide income, anywhere in the world. There will be additional sources of income such as livestock, fisheries, agro-based industries, food processing industries and many other side businesses. But, unfortunately, agriculture is not accompanied by any of the above mentioned fields. Most of the farmers just depend on agriculture only. Thus, non-farm rural employment opportunities are not encouraged in a proper manner. Hence, value addition for agricultural commodities have to be encouraged. Kenya, Vietnam, China and many others follow the same policy of value addition along with agriculture, and they have obtained fruitful results.

Provision of Irrigation Facility:-

In general, productivity in irrigated areas is more than the productivity in the rain fed areas. But, unfortunately, rain-fed agriculture is the main source of agriculture in India. 48% of the food crops, 68% of commercial crops and 77% of pulses grow in rain-fed areas. If proper irrigation facilities are provided, there will be huge improvement in agricultural productivity. But, many of the irrigation projects cannot satisfy the demands of productivity. Due to the poor irrigation system, the irrigation projects are not even implemented in a proper manner.



Science & Technology, Research & Educational Extension:-

Research play a vital role in the advancement of agricultural growth. Unfortunately, India spends very little amount on agricultural research. India still depends on the foreign agricultural techniques. There is no scope for agricultural education in India. Land, water and men are limited, but scientific and technological research has no bounds. But, in India, nobody even care a person as a human being if he/she performs agricultural research. Thus, we're writing our own destiny.



Along with these four major reasons, there are many other factors which influence agricultural productivity. Climate change is one of the crucial factors to be considered. According to FAO, hotter nights are leading to crop loses; erratic monsoon, delayed

entry of monsoons, early withdrawal of monsoons, unpredictable weather conditions, etc. have been affecting agricultural growth. Timely availability of institutional credit is also became a problem. Many farmers depend on money lenders for credit. Their

illiteracy is being captured by the money lenders. Even after producing the required output, there is no proper guarantee of proper storage facilities. Supply chain will be very poor, public distribution process will be very weak. There is no guarantee that farmers will get the minimum support price for their products. They barely get break even.

Added to these woes, there are physical, chemical and biological factors which determine the agricultural growth rate.

Physical: Deforestation, biomass burning, tillage up & down the slope, excessive animal, human and vehicle traffic, uncontrolled grazing.

Chemical: Excessive irrigation, lack of adequate drainage, excessive use of inorganic fertilizers, land application of industrial or urban wastes.

Biological: Little use of bio-solids, excessive tillage, monoculture without growing crops in the rotation cycle, removal/burning of residues.

— **Preethi Rathod, B101773, E1**

Sindhu Rathod, B101970, E1

Raja Harish Kumar. M, B083290, ECE, E3

Money Tree— A Pure Day Dream

“Money doesn't grow on trees”

How many times have you heard that before; by a parent, a concerned teacher, an advisor to be more specific. A few days back, we witnessed how future is secured and dreams destroyed as many times as Edison prototyped the light bulb. The cause: Aptitude tests, GD's and Personal interviews of the crowding industries in the town. The pressure on the performers is phenomenal, everyone wants 3.5 lakhs per annum and above. Please inform me if any explanation has been produced yet to properly demonstrate the condition of one's brain at such a particular time; and at the end of it, there is no assurance what your timeless efforts will yield.

In this case, disappointment and joy go hand in hand. Some joy, for at least getting the 3.5 package. Disappointment for not getting through those Rs. 45,000 odd each year to get there. Both the temporary feelings are experienced by everyone, appearing for this so-called *career nightmare*. This is an imaginary fear. This fear that causes us, when our time comes, to replace words with whimpers as you are preoccupied with the horrific thoughts travailing drastically through your mind. You start feeling that under-performance can lead to the disappointment, reason being: You know that your results will bear fruit, but later, you will discover that you have only peeled the skin and it will take more effort to reach the core of the apple, thus giving rise to a feeling of



unhappiness, the root cause of disappointment. You will also realize that your good results will only uncover the gateway to a land of amplified agony of life. While people keep reminding you that your path to heaven is getting near, the painful wait will get to you before you can reach your target. Yet again there is disappointment, as you are not even assured whether you will reach the core someday or your dreams will perish even before they ripen.

This is not an article written to dishearten anyone, but it is out of a personal experience. No, the journey is not easy. Yes, assurance is never acquired. However, there will always be one day during our struggle on which we will be assured by the one above that the path we have chosen is right, and the core of our very own apple is nearby. So never give up, never say die. There are bad days and there are good days, but never in that order. So remember, tomorrow's past. Our past secures our present, and our present assures our future. So people enjoy this wait at the iron gates of life from where we will soon walk out in search of the core. Munnabahi always said “Majjani life che”, make it true as every stage of life can be fun and every dream can be worth the wait. Try your best, just, Dare, Do and Win...

— **Y. Anand Kumar, B091012, CE, E2**

“Look for A Real Engineering Job”: Sujai

When I joined B.Tech in Electronics and Communications nearly two decades ago, I was told that whatever I learn in the college will be of little use to me in my life because we will not be using any of the stuff taught in the program. I took that advice quite seriously. Instantly I convinced myself that it didn't really matter if I did not pay any attention to the classes. I just had to pass and somehow make it through the 4 years. The campus itself had enough reputation that it will carry me through in my life, so why waste time in studying something which is of no use to me in the long run?

The graduating seniors who had passed out came back a year later to visit us and reaffirmed the same opinion that not much of what I learn in my B.Tech will be of any use in 'real' life. Because the 'real' life is so different that I would end up doing something quite different. It was true. Most of my seniors who graduated from the college ended up in MS programs in USA but had already switched to Computer Science, while few others got into IIMs thereby leaving nearly 95% of our subjects behind, and some others got into jobs at Hindustan Lever, Infosys, HCL, etc., securing jobs in marketing or software for health, insurance, banking, never having to bother with B. Tech subjects ever again.

I guess I was always a 'big' picture person even as a student. My 'big' thinking suggested that the scores and marks in the B.Tech subjects will not affect my life at all. I decided not to study more than what was required to pass the exams. Why unnecessarily waste time on something that is irrelevant in 'real' life? Instead, I spent time on other things which seemed to make sense- like painting, art, debating, and of course, making friends and falling in love. Since I believed these other things will remain with me for the rest of my life, it made sense to invest in them.

An engineer uncle told his graduating engineer nephew that he will not use more than 5% of what he studied. That's what we have been told and that's what we believed. After nearly 16 years since my graduation, I have a completely different story to tell. I hope this reaches out to some of the passionate engineers in the colleges of India. I am a part of a technology product company in wireless space and this is our story.

During my first year in engineering, we had a course in English. I skipped most of the classes, and for the exams I spent only 2 hours of studying, enough to pass. We all reasoned, 'we are engineers, so why do we need to learn this language?' Today, I write many articles, prepare brochures, and write letters and reports to customers and investors. I write business plans and analysis on various topics in the industry. And I need to be correct, concise and lucid. I speak in public on a regular basis. There is so much importance to language in my daily work that nearly 50% of my job is communication. If I had known this I would have paid more attention to those English classes 20 years ago.

Then we had Chemistry. Since I wasn't a chemical engineer I told myself this is another subject of waste. Today, we

paint our wireless units with the right kind of paint taking into account the temperatures it has to withstand. We deal with various kinds of materials and choose the best ones that withstand rains and overcome the problems of rust. We experiment with materials that have right amount of conductivity, electrical resistance and other chemical properties.

Then we had a course in Physics. I was passionate about physics so I learnt a lot. But I always bemoaned that an engineer may not actually use it ever. Fortunately for me, now we deal with convection, conduction, radiation, and other shock and vibration characteristics while designing our wireless units which work in extreme weathers as outdoor units. We spent nearly 24 months on engineering a product that could cool itself and during this exercise we went back again and again to our basics in physics.

Then we had Mathematics. Today we use Fourier Transforms, Arithmetic and Geometric Series, and many other mathematical tools in our development of algorithms. Few days ago we used techniques to convert Cartesian to Polar Coordinates to use them in our algorithms. To do this we had to open the Engineering Mathematics text book taught in our first and second year.

One of the most neglected subjects was Accounting, called Economics. We hated it, ridiculed it, and completely dismissed it. 'We are engineers, not accountants', we told ourselves. I wish I paid little more attention – because now I continuously fail to grapple with balance sheets and profit & loss accounts though it is my mandate to understand them to take decisions. We also had Engineering Drawing. Thankfully I liked it, and now it comes again and again to aid us in making designs of our products, making CAD/CAM drawings for manufacturing them, and making 3D drawings for visualizing the product before fabricating them.

Then we had workshop in our first/second year. There we worked with lathe machines, cutting mechanical tools, and also casting and moulding where we actually dirtied our hands. For most of us, it didn't make sense back then. We complained, 'why should electronics engineers go through workshop?' Today, we spend time and money in making casts for our enclosures and have to take a decision on sand cast, gravity cast or pressure die cast, and conduct great deal of research to mill, grind, and cut the exact design for our heat sinks that dissipate heat for many days and nights. Hopefully in a year we will have our own workshop. I look forward to that day with excitement.

We program our software using linked lists that we learnt in the courses on programming language and data structures. Our embedded software uses microprocessor programs in Assembly and C. We design electronic circuits, both Analogy and Digital. We have a soldering iron and oscilloscopes that we use daily. Our baseband software uses Digital Signal Processing, and we continuously work on the internals of Data Networks. We use all topics of Digital Communications. We use antennas and its technologies to decide on the antenna propagation techniques

and antenna patterns.

I realize that I am currently using more than 90% of what I learnt in my B. Tech, on a regular basis. I didn't know this would happen. If I had known, I would have treated by B. Tech little differently. There is beauty in building things and seeing them work. There is satisfaction in engineering products and solutions that find a place in this 'real' world. There is no other joy for an engineer than being able to use the length and breadth of entire gamut of engineering. While trying to build a working product I wouldn't trade this job for any other. May be we are not as rich, maybe we are not as successful, but we are all proud engineers. While most other engineers may say that they don't use 90% of what they learnt, we can actually claim that we use more than 90% of what we learnt.

I want the young engineers in India to know that what they learn can be used in their lives. Instead of looking for the highest paying non-engineering job, they have a choice to look for a real engineering job. Hope we have more technology companies in India, and hope we create a generation of engineers who can actually claim they make use of what they learnt in their B.Tech. Hope they build airplanes and design ships. Hope they make cell phones and electronic gadgets. Hope they make computer games and robots. Hope they go through fun of what it means to be an engineer. Hope they will not be satisfied with just the title, but become real engineers building things.

Article by: Sujai Karampuri, Founder of Sloka Telecom

(Source: sujaiblog.blogspot.com)

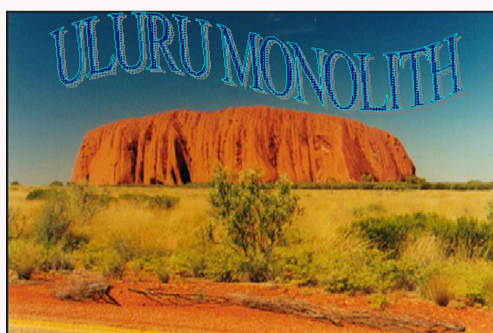
- Shiva. N, B091395, ECE, E2

Ayyare... Ayer's Rock

We have often heard about the chameleon changing its color, but any hill doing so seems to be a strange happening !!!

But it's happening so. There is a hill in South Australia called "Ayers Rock", a rock that changes its color everyday. It is the most recognizable natural icon of Australia. Ayers Rock is the most commonly used name, especially outside Australia. **Uluru** is the aboriginal and official name.

Uluru is the world's second largest monolith next to Mt. Augustus in Western Australia. A monolith literally means a geological feature consisting of a single massive stone or rock, such as some mountains, or a single piece of rock placed as, or within, a monument. Ayers Rock is a large sandstone rock formation in the southern part of the Northern Territory, central



Australia. Its circumference is just over 9km, and it rises 349 meters above the surrounding plain. Only one-seventh of the rock is visible above the ground. The rest lies beneath the

Age and Origin:

550 million years ago, the area was lifted and folded to form the subsequent mountain ranges. These ranges eroded in the following millions of years, leaving huge sediments at the bottom. Uluru is the left over of a huge sediment that has formed hundreds of million years ago. The first white person to see Ayers Rock, at least from a distance, was the explorer *Ernest Giles* in October 1872. The first European to actually visit the rock was surveyor *William Gosse* on the 19th of July, 1873. He named it Ayers Rock after Sir Henry Ayers, the Chief Secretary of South Australia at the time.

Geology:

Uluru is an inselberg, literally "island mountain". An inselberg is a prominent isolated residual knob or hill that rises abruptly and is surrounded by extensive and relatively flat erosion lowlands. The remarkable feature of Uluru is its homogeneity and lack of jointing and parting at bedding surfaces, leading to the lack of development of scree slopes and soil. These characteristics led to its survival, while the surrounding rocks were eroded.



The Enigma:

One might think it as a magic hill or there is some supernatural miracle about it. But the reason is that this rock's structure is such that it changes color according to the change in the angle of the Sun's rays, weather and also because of special structure of the rock's sandstone. Uluru is naturally grey, but the iron content of the rock is "rusting" at the surface, resulting in the distinctive red iron oxide coating. The remarkable changes in its color occur during Sunrise and Sunset because the sun is at a very low angle at that time. From the morning till evening, this hill changes color from Yellow to Orange, then to Red and at times to Violet or even Black. It seems as if the entire hill is on fire and deep red flames come out of it when Sun rises. In the same way, violet shadows appear on this massive red rock when the sun sets and sometimes when Sun rises also. So that's all about the captivating natural icon of Australia...



— S.Ramya, B091073, ME, E2

Gandhiji — A Method of Winning

October 2nd is celebrated as Gandhi Jayanthi every year—the birth anniversary of “Father of the Nation”. This year, it is his 143rd anniversary. His method of winning independence was unique. He preached and practiced non-violence and non-cooperation to achieve his goal. He campaigned to uplift the downtrodden, to ease poverty, expand women’s rights, build religious and ethnic amity, end untouchability and many more.

Inspiring:

The main reason why people are inspired by Gandhiji is his philosophy of non-violence. He used non-violence to free India from British. His manner of dressing shows us his unwillingness to abandon foreign products. He always told the people to do their work on their own without depending on others. He tried to eradicate the evil existing at that time - untouchability.

Unforgettable:

What Gandhi achieved in his life was a miracle. He lived in the hearts of millions of Indians and was respected by all. He moved the people with his sincerity and sacrifice. At his behest, they were ready to lay down their lives for the freedom of the country from foreign powers.

Determination:

He was a freedom fighter but differed from other freedom fighters because of his determination. He never gave up, he never lost hope, even when his struggle met with failure. He didn’t let go his belief in non-violence.

Total Understanding:

People of India were inspired to follow Gandhiji because he never claimed to be a God or a super human. He admitted his mistakes and never blamed anyone. He was just another simple Indian, and his methods could be easily understood by both the educated and the poor. His humility and depth of understanding in the simplest of actions has made him the “Mahatma”.

Showing by Doing:

Mahatma Gandhi's life is a text book. He never asked anyone to do anything, but showed everyone how to do it. He is also a true role model for new generation since he himself was an ideal example for everything he spoke and taught. He inspires because his life still shows the most beautiful picture of love, peace, honesty and truth.

Positive Energy:

His truthfulness inspires us the most. He was also a human like us, but he tried to overcome his weaknesses and has succeeded in it. Liberating the country was his true desire and not for any other motive or self-interest. Unlike today’s politicians, he didn’t have dual personality. He didn’t crave publicity. People who came in contact with him felt his positive energy.

Intellectual:

The person freed our nation without even a thought of

violence is our Gandhiji. He was an intellect and turned negative things in to positive. I am inspired by his sense of sacrifice.

Extraordinary will:

Gandhiji has shown us how to live by setting an example. He is an ordinary man with extraordinary will to live his life according to the principles of truth and non-violence. What he preached, he first practiced.

Four Points:

People followed Bapu and respected him because:

- 1.He led a simple life.
- 2.He was kind to others.
- 3.He always spoke the truth.
- 4.He fought the British and gave us freedom.

Walk in Truth:

Gandhiji is known as Father of the Nation and for students like me, as Bapu, is the inspiration for millions of people, not only during the freedom movement, but even today. He used tools like upavas, satyagraha, ahimsa and non-cooperation to achieve his goal. His most endearing qualities were his insistence to always tell the truth and his disciplined way of life.

Simple and Peace-loving:

Gandhiji led a simple life. He helped people in need without expecting anything in return. He encouraged the people of India to fight for freedom and bring peace and harmony to the nation. Gandhiji himself was a peace-loving human being and detested any kind of violence. He didn’t believe in wars and conflicts as solutions.

Brave and Confident:

He followed ahimsa and sacrificed his life for the sake of the country. He was a great leader and showed as simple living and high thinking.

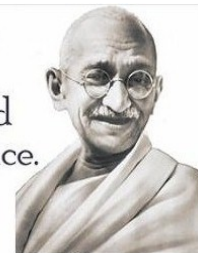
Patriotism:

It was Gandhiji’s simple way of living and his strong, determined character that influenced millions of people to rally in his support. His concepts of Satyagraha and Ahimsa sparked interest and enthusiasm in many Indians. He inspired patriotism in every single Indian.

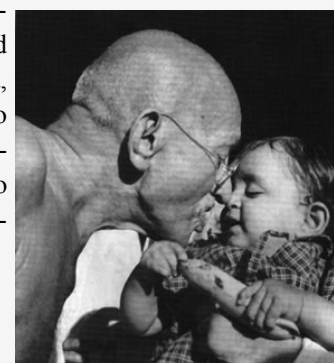
Devotion to Work:

Gandhiji, affectionately called Bapu, was deter-

My religion
is based
on truth and
non-violence.
Truth is
my God.
Non-violence is the
means of realizing Him.



—Mahatma Gandhi



mined and dedicated towards his work. Some of his works are like Dandi March, Satyagraha, Non-Cooperation Movement, Civil-Disobedience Movement, Quit India Movement, etc.

No Fear:

He never hesitated to be on the path of truth and needed no one to support him. He knew for certain that he was doing the right thing. When we do the right, we need not have any fear.

From the villages:

Mahatma Gandhiji had a large following of people from the villages because he said “Graamraajya hi Raamraajya”. It means that if villages live in prosperity with adequate agriculture and irrigation, the village would flourish as if God himself was ruling the village. He meant that the growth of cities and towns depended on the growth of the villages. He believed in “Graamraajya”. So, he told them that this would be the root of India’s glorious Independence.

— Vaishnavi, B101748, E-1



India: A Danger for Womenen & Children

Disparity between the men and women is probably the most disturbing aspect of many of the modern societies. Though gender discrimination is a global phenomenon, yet it is prominent in developing countries like India, Angola, Afghanistan, etc. The recent deaths of babies facing cruelty at the hands of relatives have shocked the whole country. According to 2011 Census of India, there are 914 girls/1000 boys. This report shows a significant decrease in the number of girls compared to boys in the category of 0-6years. State Health Society report reveals that child sex ratio has fallen in 9 out of 14 districts in past 10 years. It is true that gender discrimination is not only confined to particular economic class or community. It is widespread and even the states which are in top positions in literacy also has a skewed sex ratio. Thomas Reuters Foundation Survey says that India is the fourth most dangerous country in the world for women to live in as women belonging to any class suffer.

friends. In “varadakshina”, the father of the bride presents the groom cash or kind.

All of these could be done voluntarily and out of affection and love. The payment of a dowry has been prohibited in 1961 by the Indian government. Despite protest by women's organizations, serious activism, legal amendments, special police cells for women, media support and heightened awareness of dowry being a crime, the practice continues unabated on a massive scale. Despite every stigma, dowry continues to be the signature of marriage. Women need real social, political, financial and moral support in their fight against the system. They have to be empowered so that they can take their decisions about their own life by refusing the dowry system.

The need of the hour is to implement the laws more strictly with heavy punishments as deterrents. Another measure could be to introduce fast track courts to look at the cases that involve the rights of minors. A 2007 report of the ministry for women and child development revealed that more than 53% of children in India been sexually abused and many have never shared the fact of this abuse with anyone.

They need speedy justice to move on and leave the past behind. The institutions involved in child protection should be given more teeth so that they can take some effective measures against child abuse.

— Abhishek Jaiswal, B101515, E1



The main causes of this problem are sexual harassment, selective abortion and female infanticide, violence against women and dowry. As per the literature, female child has been treated inferior to male child and this is deeply engraved in the minds of the female child’s. Due to this, females fail to avail their rights. Dowry is derived from the ancient Hindu customs of “kanyadan” and “stridhan”. In “kanyadan”, the father of the bride offers the father of the groom, money or property, etc. Whereas for “stridhan”, the bride herself gets jewelry and clothes at the time of her marriage, usually from her relatives or

Cut... Action... Smile Please...



We all hear about the saying, *One Idea Can Change Your Life*. Whether that one idea changes our life or not, we don't know but one thing is for sure, "*One Smile Can Make You Healthy*".

The wonderful words by Norman Cousins are: "It always seemed to me that a hearty laughter is a good way to jog internally without having gone to outdoors."

Almost all the people in the world, mostly educated, start thinking about their activities to be done, immediately when they wake up. They do the works in very hurry-burry manner. Many of us will always think about the next moment like, *A student*:



"Oh! I have to finish my breakfast very quickly, by the time Sir may come into the class" or about an exam or about an assignment. An employee thinks about his job. A millionaire thinks about his company. Mother, Father think of their work at home

and in the society. Who not, every body of us, isn't it? As the time moves on, people to forget laugh in their life. Have you ever observed in your life that one day was passed without having a single smile on your face?

If it is so, the reason is simple. We will be worried about small things. As a result our mind will be stressed. Instead of that, if you laugh for a small moment, here are the benefits we will get:

Your whole body gets a kick out of a good chuckle.

Your heart and lungs get stimulated.

Your heart beats faster and blood pressure rises temporarily.

Your breath get deeper and oxidizes more blood.

Your body releases endorphins, your own natural pain killers, and you produce more immune cells.

You burn seventy-eight times as many calories as you would in an idle state.

Your diaphragm, facial muscles, and internal organs all get bounced around in what called "Internal Jogging."

After you've laughed, your muscles and arteries relax, which are essential for easing pain.

Do you know? The Researchers at the University of California's Centre for Complementary and Alternative Medicine have found that laughter can increase the body's ability to stave off infection by bolstering levels of key immune system components of stress hormones associated with poor immune function. The latest research this centre, however, showed that merely anticipating a funny event improved people's mood.

In our every-day-life, we can observe around us a few people who will be happy most of the time and their smiley faces make other people to laugh, even by joking on themselves. But that sense of humor is a natural gift given by God to them. But what we people do? We just treat them as crazy fellows. When we see them, a negative opinion automatically grows in our mind and sometimes, we even hurt them. But they never change their attitude because they want to see the happiness in the people around them. We can say Charlie Chaplin as the best example. In our life, such people are very rare. We need not do a miracle or any magical things. Just once you practice wishing your parents, friends and neighbors with a small smile, you will see a glow in their faces and it is a one good thing to start the day and feel yourselves happier.

Remember one thing that *Laughter is infectious*. Share your jokes with others and laugh with them whenever possible. Thereby you will be spreading good cheer and merriment all around, contributing to the well-being of our life.

Have laugh in life but don't make life to be laughed by others. Finally, we want to say one thing, just Laugh... Laugh ... Laugh...

-*Father*: If u kids don't stop making so much noise I'll go deaf!

-*Kid*: Too late - we stopped an hour ago!

-*First robot*: Does you have any brothers

-*Second robot*: No only transistors.

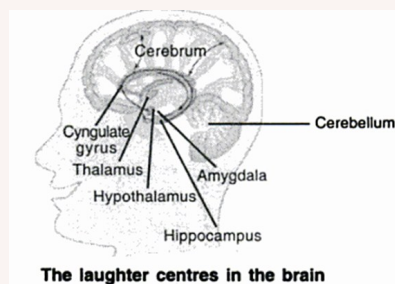
-*Child*: "Mom can I go out and play cricket?"

-*Mom*: "With those holes in your socks?"

-*Child*: "No, with kids next door"

-*Tinku*: How long can a person live without a brain?

-*Banku*: How old are you?



— *Sathyanarayana. B, B081734, ME, E3*

Madhu. S, B081749, ME, E3

Suresh Kumar. K, B081760, ME, E3

Female Literacy \propto Population Decrease

Right to Education to All

“One Woman Can Change Anything. Many Women Can Change Everything.”

Why didn't females have free to live and right to educate..? India has a male literacy rate of 82.14% and female literacy rate of 65.46%. Kerala is with 93.9% literacy rate and it occupies top place in India.

It includes the areas of gender equality and access to education, and its connection to the alleviation of poverty. It also involves the issues of single-sex education and religious education in which the division of education along gender lines, and religious teachings on education, have been traditionally dominant, and are still highly relevant in contemporary discussion of female education as a global consideration.



Now-a-days the number of females keeping end to their life by getting marriage early is increasing and then there is also a chance of getting the “Hereditary Diseases” to their children. All these are due to female illiteracy.

“She can save herself from idiots and easy to face any problems by understanding those idiots. She can turn whole world back of her, if she literates.” Families may attach much more importance to male offspring than a female. There are a

number of reasons why the problem of female illiteracy has been increasing. At micro level, educated woman help in making the whole family including the older family members, understand the values and importance of literacy.

There is a strong correlation between female literacy and population because if female literates then she can also know the causes to increasing in population.

“Women play a role in a family but a literate female can play an important role in society.” Female education is the need of the honor, which gives respect to our country. Without educating the women of the country, we can't hope for a developed nation.



So the important thing is that we have to stop and remove the word of “Illiteracy” from our country's future history. And say don't to single-sex education and religious education. We have to hope that there is no word of “Illiteracy” after 2020 in India.

“Avoid Illiteracy of Nation by Avoiding Illiteracy of Females”

—Ramesh Naik. B, B111255, P-2

“Wake Up My Child” says: India

I am an Indian. Being an Indian, I am very much disturbed to see its pathetic condition. Is India a developed nation or still a developing one? From the past 50 years, we are saying that it is a developing nation. I don't underestimate my country which is a great nation with beautiful culture. Apart from it, its also the largest democracy with lot of poor, unemployed and corrupted people.

India is heading towards child labor, corruption, overpopulation, and poverty. Rich become rich and the poor become poor. Is the picture beside depicts the future? May be! The child, bearing our tricolor flag and running in the slums, to an undefined destiny.



What's wrong with our country, the people or the system? My answer is absolutely the people who vote the representatives at the cost of a some 500/- note or cheap liquor. In America, the President participates in public debate and answers all his doings. Even the press and people are very alert. That's the reason behind their development in all aspects.

Size of a Japan or Italy may be equivalent to the smallest

states of India but their GDP is much higher than India (a country with much more manpower than them). Its pity to say that we are panting to get at least one gold medal for India in Olympics where as Phelps from U.S. could alone get more than 5 for his country! Why people from our country are going to other countries and endeavoring them? One should not only think to full his pocket but also should think of the mother who brought him up i.e., our INDIA.

This is the photo of a girl who is sitting in front of a garbage yard on the World Poverty Day in Hyderabad.



How sorrowful it is to see our brothers and sisters who are not even fortunate to have at least a meal a day.

We are the future citizens, we are responsible for the future of our country. Please serve our mother land in the way you like but wish to die after telling proudly that *my country is the best and the most developed nation in the world!*

— Ch. Sai Sushmitha, B111034, P-2

మారాల్సిందే “కాగ్”



కాగ్ అంటే ఇప్పుడు అందరికీ పరిచయమే (కంప్ట్రోలర్ ఆడిటర్ ఆఫ్ జనలర్) ఇది ఒక రాజ్యంగ వ్యవస్థ ,ఇది ప్రభుత్వ యంత్రాంగంలో భాగం కాదు.కాగ్ రాజ్యంగంలోని 148 వ అధికారం ప్రకారం ఏర్పాటైంది..కేంద్ర, రాష్ట్ర ప్రభుత్వ విభాగాలన్నింటినీ,ప్రభుత్వ రంగ సంస్థల ఆదాయ, వ్యయాలను నిశితంగా పరిశీలించే వ్యవస్థ.వివిధ వ్యవస్థల మధ్య అంతర్గత తనిఖీలకు రాజ్యంగమే వీలు కల్పించింది.ఇంతే కాకుండా ప్రభుత్వానికి వచ్చే ఆదాయంలో ఏదైనా నష్టం జరిగిందా అని తరచు చూడడం కూడ కాగ్ విధుల్లో భాగం . ప్రభుత్వ కార్యక్రమాల పనితీరు పరిశీలన, పొరపాట్లకూ కారణాలను కూడా అధ్యయనం చేస్తుంది. దీనికి సుప్రీంకోర్టు న్యాయమూర్తికి ఉండే హోదా ఉంటుంది . కాగ్ నివేదికల్లో లోపాలుంటే దాన్ని నాయకులు ఎత్తి చూపవచ్చు కానీ “కాగ్” అధికారాలను, అస్థిత్వాన్ని ప్రభుత్వాధినేతలు ప్రశ్నించడం ప్రజాస్వామ్య విలువలను కాలరాయడమే. సహజ వనరులు ప్రజల ఆస్తులు! పాలకులు దర్మకర్తలుగా వాటిని కాపాడాలి. అందుకు విరుద్ధంగా వారు అవినీతికి



పాల్పడటం, కాగ్ లాంటి వ్యవస్థల అవసరం మరింత పెరిగింది. కానీ కొన్ని ప్రణాళికలు మాత్రం కాగ్ పరిధిలోకి రావటం లేదు . జాతీయ గ్రామీణ ఉపాధి హామీ

పథకం ,జాతీయ గ్రామీణ ఆరోగ్య కార్యక్రమాల వంటివి దీని పరిధిలోకి రావటం లేదు . అన్ని రకాల ప్రణాళికల వ్యయం “కాగ్” పరిధిలోకి రావటం లేదు . అన్ని రకాల ప్రణాళికల వ్యయాన్ని “కాగ్” పరిధిలోకి తీసుకురావాలని రంగరాజన్ కమిటీ ప్రభుత్వానికి సిఫార్సు చేసింది . 2009 నుండి ఇది అమలు జరుగుతుంది . కేంద్ర, రాష్ట్ర ప్రభుత్వాలే కాదు, ప్రభుత్వ ప్రైవేట్ సంస్థలు ; పీ పీ పీలు, స్వచ్ఛంద, స్వయం ప్రతిపత్తి సంస్థల ద్వారా పాలనా ప్రయోజనాలు ప్రజలకు చేరువవుతున్నాయి. ఇక్కడ ప్రజాధనం పెద్ద మొత్తంలో వినియోగమవుతుంది. గతంలో విమానాశ్రయాలు , రహదారులు లాంటి వాటిలోనే ప్రభుత్వ ప్రైవేట్ భాగస్వామ్య విధానంలో పనులు చేపట్టేవారు . కానీ విద్య, ఆరోగ్య రంగాలకు కూడా ఈ విధానాన్ని అమలు చేయాలని పన్నెండో ప్రణాళిక దార్శనిక పత్రం పేర్కొంది . అనేక రంగాలలో ప్రభుత్వం ప్రైవేటు రంగంతో కలిసి ఆదాయాన్ని పంచుకుంటున్నప్పుడు, ఎలాంటి అవినీతి జరగకుండా చూడాల్సిన బాధ్యత పాలకులది . దానికి మార్గమైన కాగ్ ని అన్ని ప్రణాళికల వ్యయాలకు విస్తరించడం .కానీ దీన్ని కొందరు అడ్డుకోవడం శోచనీయం.

కాగ్ మారాల్సిన విషయం :-

కాగ్ ఇప్పటి వరకు ఎన్నో నివేదికలు సమర్పించింది . అందులో కొన్ని కుంభకోణాలకు ఉదాహరణ: బోగ్గు గనుల కేటాయింపునకు సంబంధించి లక్ష 86 వేల కోట్ల ప్రజా ధానాన్ని , 2-G స్పెక్ట్రమ్ కు సంబంధించి లక్ష 76 వేల కోట్లు ప్రజా ధానాన్ని అలాగే జలయజ్ఞం అంటూ 12 వేల కోట్ల ప్రజాధానాన్ని వృధా చేసారు.

ఇవే కాకుండా కామన్వెల్త్ క్రీడల్లో అవినీతి, ముంబాయిలో ఆదర్శ కుంభకోణాలు. కాగ్ ఏటా వందకు పైగా నివేదికలు విడుదల చేస్తుంది . ప్రస్తుత సమాచారం ప్రకారం కాగ్ ఇప్పుడు “పీ పీ పీ”, స్థానిక సంస్థల పనితీరు, “ఆధార్” కార్యక్రమాలపైనా నివేదికలు ఇవ్వనున్నట్లు సమాచారం . ఇలా తప్పులు దొర్లిన తర్వాత కాకుండా , ముందే హెచ్చరించ గల వ్యవస్థగా “కాగ్” పదునుతేలాలి. కొన్ని దేశాల్లో “కాగ్” కు న్యాయపరమైన అధికారాలు ధాఖలు పడాలన్న సూచనలు వస్తున్నాయి.

కాగ్ చరిత్ర :-

దీనికి 152 ఏళ్ళ చరిత్ర వుంది. ఇందులోని ఉద్యోగుల సంఖ్య 60 వేలు. 64 విభాగాల ఆడిట్ జరుగుతుంది. ఒక కోటి 43 లక్షల లావాదేవీలను పరిశీలిస్తుంది. 1500 ప్రభుత్వ సంస్థలు దీని పరిధిలో వున్నాయి. 400 స్వయం ప్రత్తిగల సంస్థలు వున్నాయి. నిధుల వ్యయంపై అనుక్షణం అప్రమత్తంగా ఉంటుంది.

“కాగ్” గురించి కథనాలు :-

- 1) బి. ఆర్ అంబేద్కర్:- “కాగ్” రాజ్యంగంలో వున్న వాటిలో ముఖ్యమైనది . ప్రభుత్వం అనుమతించిన హద్దులకు అనుగుణంగా వ్యయం వుండా లేదా అని చూసే కీలక వ్యవస్థ .
- 2) జవహర్ లాల్ నెహ్రూ:- విమర్శించే స్వేచ్ఛ వుంది.అత్యున్నత పదవుల్లో వున్నవారిని నొప్పిస్తామన్నా భయంతో సత్యాన్ని దాయకండి.



హార్షించాల్సిన విషయం ఏంటంటే ఇప్పటికీ పెద్ద పెద్ద కుంభకోణాలను బయటపెట్టిన CAG (CAG Auditor General) వినోద్ రాయ్ పదవీ కాలం 2013 మీలో ముగుస్తుంది, ఈ లోపు 150 నివేదికలను సమర్పించేందుకు సిద్ధంగా వున్నట్లు కాగ్ పేల్సిన బాంబు అవినీతి పరుల గుండెల్లో రైళ్ళు పరిగెత్తించింది.

— Pooja. D, B081330, CSE, E3

“My Mom Scolds and My Dad Slaps”

Now a days we see most of the children on roads like orphans those without parents and with parents but abandoned. The reason behind that is because of the fear causing from their parents or teachers, and also because of their family's economical background. What ever may be the parent's reasons but the result is ultimately *spoiling of their children lives*.

Many of the children are escaping from their homes and waiting on the platforms to reach their goals, and have much hope on that platform (which may provide good life to us). And some of them may wait for their relatives rather than waiting for their parents too. They think, “if I go to my home, my mom will scold or my dad will slap on my cheek, or my teacher will punish me, etc.” Children get afraid of their parents and teachers and they start escaping.

The feelings in childhood are very strong, one could not stop their decisions. So who is responsible for all these things? And how can we stop all those things? If it is happened also we have to show another alternative to the children.

Let us take an example which I have seen in my real life. One child begging in Secunderabad railway station, who is having both his father and mother. One person came to that child and enquired about him. Then he said that his parents are not taking responsibility of him and also they appointed him as a child labor, so he escaped from his family and started begging. So, to help this kind of children, government has to take some action and they have to provide minimum things which are required to survive in the society, if they are very poor economically.

Parents play significant role in deciding the career of their children. By virtue of their knowledge and experience, educated parents can provide the maximum assistance to their kids in choosing a suitable career. Even though the parents have all facilities some of the children are won't study at their homes. Why? Because they don't have good communication with their children and they don't even give chance to share their children's feelings with them. Every time they may be having a busy schedule, which makes children not to feel well to stay with their parents. So, to eradicate this problem, what parents have to do? How they have to move with their children?



Parents have to know in's and out's of their children. They have to know the capabilities and the level of aptitude and the quality of education being provided to their children and also beliefs and traditions of the family they belong to.

The most valuable factor is parent-child relationship. No one can ignore the importance of this fact. Parents, who have faith in their children, create confidence in them and also maintain it. Side by side, they also keep an eye on their activities and company of their children. Students who are successful in their

career do not deny the role of their parents in achieving the goal. Good parents should provide proper guidance, should take proper care and should be a good friend of their children. They should also be disciplined in their behavior and approach.

Parents should encourage their children to obtain the maximum education. As far as the girl education is concerned, it is the duty of every parent to provide gender equity. Cultural education and activities should also be developed amongst children to upkeep the traditional values.

Parents should have patience to listen to their children's problems and grievances. They should try to sit with them and discuss their problems to find out adequate solutions. Students generally do not share their problems with parents due to the fear of being refused and thus causing a gap between the relations. Parents should also try to be open with them, sometimes, just like friends. This is the right of every student to expect guidance and help from parents. Parents should accept this fact and should take care, not to force their decisions on them while discussing their future career planning.

Also encourage them to participate in extra curricular activities.



So, by doing all those things we may reduce this problem.

Coming to the orphans those who don't have parents. It's very difficult to describe their life style. They don't even have minimum facilities to live in the society. For such purposes, our government is providing some money on orphan care centers. But, because of many reasons like unawareness and also irresponsibility of the authority that money is not at all reaching this people. So what we have to do from our side?

Some private organizations are also there to help orphans like Divya Dasha, Mother Teresa Ashram, etc. If they stick their phone numbers or details on the walls at bus stops or railway stations, we have to note them and if we find any orphan on the road, we have to inform them. They will take care of the orphans and they will provide education too. As a citizen of our country, we have to take the responsibility. India's development depends on our hands only. Until we develop our self, our India will not develop. So try to help orphans and help to give good citizens to India.

— *Shilpa. V, B082618, MME, E3*

No Time, Only Clock

Most of you may think that time exists because every time, to do any kind of work we keep on looking at our watch or clock. But really time doesn't exist at all. I guess you would call me a *materialist* if I give this statement, but that's true. If we can't sense anything with our senses, does it really exist? If we consider that time exists there a need to arise many questions in our minds. Try to describe time without taking time as a reference? If it exists, when was it created? Did it always exist? Actually the most important question that comes is - Are there any machines that measure time?



Most of you would get an immediate answer in your mind that we have clocks to measure time. But that is absolutely wrong. Clocks doesn't really measure time. *They just measure the movement of their hands and we consider that as time.*

Let us consider an example. If you are waiting for someone. We feel as if we are waiting for a very long time. And if we are enjoying or having fun, we feel that as a very short span of time. That means time is not actually a parameter, its just what we feel at different situations and moments.



But the main thing we need to think is, if time really doesn't exist, what is it that we sense as the passing of time? Alright, let's talk about human experience for a minute. We, the humans perceive time as a continuous, contiguous series of linear experiences. We experience time as being continuous that never stops, slows down or speeds up at any point. *We can't jump over pieces of time i.e., skipping forward or back to any situations of our interest which is not at all possible. If not, everyone would always wants to be a child... right?*

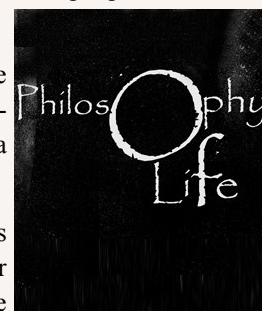
Without time how do you explain human experience? It is a linear progression of ones consciousness through simultaneously coexisting, multidimensional universes. A series of experienced, but simultaneous knows.

So, here I conclude by saying once again that time does not exist. *It is simply our mind applying an understandable framework to the progression of our consciousness through a series of static, overlapping, and simultaneously coexisting, multidimensional universes.* The progression of our consciousness occurs in a linear, contiguous, and continuous fashion.

— *Nikhila. G, B091025, ECE, E2.*

Cook Your Life, Yummy...

- ⊗ Life is like making Tea.
 - ⊕ Boil your Ego
 - ⊕ Evaporate your worries
 - ⊕ Dilute your sorrows
 - ⊕ Filter your mistakes and get taste of happiness.
- ⊗ The best human is he who has heart & head not head without heart.
- ⊗ You will gain nothing in this world, through being arrogant, except unpopularity.
- ⊗ A smile is lighting system of face, cooling system of head and healing system of heart. So, Keep Smiling.
- ⊗ The art of patience is not about how long one man can wait, but it is about how one behaves while waiting.
- ⊗ Success of our life depends upon the quality of thoughts. But the quality of our thoughts depends on the people we have in our life.
- ⊗ The best thing to learn in life is the habit of compromise because it is better to bend a little, than to break a strong relationship.
- ⊗ Never cry for the person who hurts you. Just smile and say thanks for giving me a chance to find someone better than you.
- ⊗ How beautifully God keeps on adding one more day in our life not only because you need it because someone else need you everyday.
- ⊗ A lamp does not speak, it introduces itself through its light. Likewise, achievers never expose themselves, but their achievements expose them..!
- ⊗ Career is like light, enjoyments are like shadows. If you go for shadow you will lose light. So, go for light, automatically shadow will follow you.
- ⊗ Trust the one who can see these three things in you: Sorrow behind your Smile, Care behind your Anger & Reason behind your Silence.
- ⊗ Communication is the lifeline of any relationship. When you stop communicating, you start losing your valuable relationships. So, be in touch with everyone.
- ⊗ Full stop is the not end, because we can write a new sentence after it. Same in life, failure is not the real end. It can be the real beginning of success.



— *Ramya. Ch, B101935, E-1*

Feelings vs Thoughts

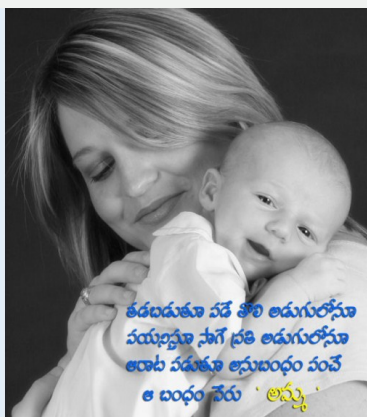
An important aspect of thinking rationally is to know the difference between a *feeling* and a *thought*.

Everyday, in each and every situation, we try to think about it but not try to analyze or feel it. So, it is important for us to have a complete and clear appreciation for what we are feeling and differentiate between what is a *Thought* and what is a *Feeling*.

If somebody asks you, “How do you feel about pollution?” Bet you start to say something like “it is devastating our planet” but it is a **THOUGHT** or belief, not a **FEELING**. To relate a feeling about that question, the answer would be, “I **FEEL** worried” or “I **FEEL** angry”

So, thought indicates no emotions. It is created by knowledge and wisdom. But feeling indicates emotions, intuitions, and experiences.

As per our opinion, “If we have a feeling, then there is an existence of thoughts for sure. If we implement those into actions we’ll get what we want.”

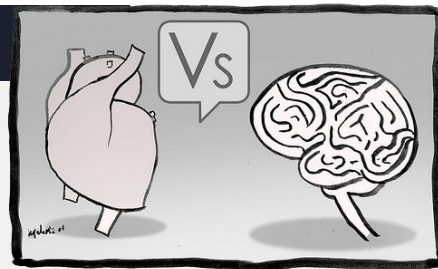


What will you get by seeing this picture?

Mother’s Love. It’s a wonderful feeling right! Then obviously we’ll get a thought of our childhood.

There are many people who seek someone’s help

and we have seen many of them. At that moment only, we think of it, but after that we won’t care or more precisely, we won’t remember their problems because we are making our life very busy (thought). If we feel it really, then we will have a thought that those problems are ours. So, we should try to overcome those problems.



Here we can see how the feelings transform into thoughts which represent our **Behavior**.

Anticipate that it “Just Might” be uncomfortable at times. Remember, have patience, persevere but don’t push. Each day, each month, will provide an ample opportunity to grow. Take reward in each step taken.



So, try to **FEEL** the nature & analyze the things, then we’ll get wonderful **THOUGHTS** and maintain good **RELATIONSHIPS**, which represent good **BEHAVIOR**.

— A. Suchritha, B092682, ME

A. Gowthami, B092664, MME

A Race to Beat the Clock

As I am the one of the new student to this RGUKT family, I had also been given many instructions by my parents before coming to the campus, mainly about self-discipline, concentration on studies, taking care of our own health and most important thing is how to manage **Time** in proper way..?

Our elders always remind us the value of time, but we, mostly teenage students, never understand the value of **Time** and when we all try to understand what the **Time** is, it will be lost from our hands. Hence the resultant situation will not be in our favor. By the end, we repent on our self but never accept the true fact for which it is unable for us to breathe freely.

My idea is just to put focus on the statement “*If you truly love life, don’t waste time, because time is what life is made off!*”

We all know that there will not be sufficient time to do everything but there will be always sufficient time to do important things. May be my words are over flowing on your head and driving crazy but it clear as crystal that it is only way in

which we can reach our destiny.

“Why to hang around when you have plenty of time and why to run around ahead of time when it is against the clock?” According to one’s own thought, “**Time** is always right to do right work”. All appears to change when you change your self.



Good future is everyone’s dream. It is necessary for us to change and that change should be implemented ‘**now**’ or it will be going to ‘**never**’ because nothing is ours except the **Time**. Life is racing track in which everyone is busy as bee and as far as it goes, it increase the bundle of responsibilities.

In regard of all this, we should set our aim straight to goal and hit till it strikes the point. A fair and square thing is that moves on, with your own interest, with respect to **Time** for a better future and take over all the chances in your way to reach your goal. No wonder, you will be on top with full satisfaction to yourself. So,

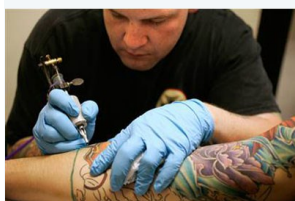
“ASPIRE TO INSPIRE, BEFORE YOU EXPIRE”

— Sk. Manisha, B121006, P-1

Ooo... Tale of Tattoo

A tattoo is a puncture wound, made deep in your skin and filled with ink. It's made by penetrating your skin with a needle and injecting ink into the area, usually creating some sort of design. What makes tattoos so long-lasting is they're so deep that is the ink isn't injected into the epidermis (the top layer of skin that you continue to produce and shed cells throughout your lifetime). Instead, the ink is injected into the dermis, which is the second, deeper layer of skin. Dermis cells are very stable, so the tattoo is practically permanent.

Tattoos used to be done manually i.e., the tattoo artist would puncture the skin with a needle and inject the ink by hand. Though this process is still used in some parts of the world, most tattoo shops use a tattoo machine these days. A tattoo machine is



a handheld electric instrument that uses a tube and needle system. On one end is a sterilized needle, which is attached to tubes that contain ink. A foot switch is used to turn on the machine, which moves the needle in and out while driving the ink about 1/8 inch (about 3 millimeters) into your skin.

Most tattoo artists know how deep to drive the needle into your skin, not going deep enough will produce a ragged tattoo, and going too deep can cause bleeding and intense pain. Getting a tattoo can take several hours, depending on the size and design chosen.

Does It Hurt to Get a Tattoo?

Getting a tattoo can hurt, but the level of pain can vary. Because getting a tattoo involves being stuck multiple times with a needle, it can feel like getting a bunch of shots or being stung by a hornet multiple times. Some people describe the tattoo sensation as "tingling". It all depends on your pain threshold, how good the person wielding the tattoo machine is, and where exactly on your body you're getting the tattoo. Also, keep in mind that you'll probably bleed a little.

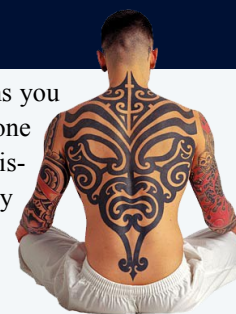
If You're Thinking About It

If you're thinking about getting a tattoo, there is one very important thing you have to keep in mind - getting it done safely. Although it might look a whole lot cooler than a big scab, a new tattoo is also a wound. Like any other slice, scrape, puncture, cut, or penetration to your skin, a tattoo is at risk for infections and diseases.

First, make sure you're up to date with your immunizations (especially hepatitis and tetanus shots) and plan where you'll get medical care if your tattoo becomes infected (signs of infection include excessive redness or tenderness around the tattoo, prolonged bleeding, pus, or changes in your skin color around the tattoo).

If you have a medical problem such as heart disease, allergies, diabetes, skin disorders, a condition that affects your immune system, or infections, ask your doctor if there are any spe-

cial concerns you should have or precautions you should take beforehand. Also, if you're prone to getting keloids (an overgrowth of scar tissue in the area of the wound), it's probably best to avoid getting a tattoo altogether.



Avoiding Infection

It's very important to make sure the tattoo studio is clean and safe, and that all equipment used is disposable (in the case of needles, gloves, masks, etc.) and sterilized (everything else). Some states, cities, and communities set up standards for tattoo studios, but others don't.

Professional studios usually take pride in their cleanliness. Here are some things to check for :

- ▽ Make sure the tattoo studio has an autoclave (a device that uses steam, pressure, and heat for sterilization). You should be allowed to watch as equipment is sterilized in the autoclave.
- ▽ Check that the tattoo artist is a licensed practitioner. If so, the tattoo artist should be able to provide you with references.
- ▽ Be sure that the tattoo studio follows the Occupational Safety and Health Administration's Universal Precautions. These are regulations that outline procedures to be followed when dealing with bodily fluids (in this case, blood)
- ▽ If the studio looks unclean, if anything looks out of the ordinary, or if you feel in any way uncomfortable, find a better place to get your tattoo.



Taking Care of a Tattoo

The last step in getting a tattoo (which is very important) is taking care of the tattoo until it heals completely. Follow all the instructions the studio gives you to take care of your tattoo and to make sure it heals properly. Also, keep in mind that it's very important to call your doctor right away if you see or feel any signs of infection such as pain, spreading redness, swelling, or drainage of pus. To make sure your tattoo heals properly:

- ▽ Keep a bandage on the area for up to 24 hours.
- ▽ Avoid touching the tattooed area and don't pick at any scabs that may form.
- ▽ Wash the tattoo with an antibacterial soap.
- ▽ If you don't have an allergy to antibiotic ointment, rub some into the tattoo. Don't use petroleum jelly because it may cause the tattoo to fade.
- ▽ Put an ice pack on the tattooed area if you see any redness or swelling.
- ▽ Try not to get the tattoo wet until it fully heals. Stay away from pools, hot tubs, or long, hot baths. Keep your tattoo away

from the sun until it's fully healed.

- ▽ Even after it's fully healed, a tattoo is more susceptible to the sun's rays, so it's a good idea to always keep it protected from direct sunlight.

What Are the Risks?

Tattoos breach the skin, which means that skin infections and other complications are possible. Specific risks include:

Allergic reactions: Tattoo dyes - especially red, green, yellow and blue dyes, can cause allergic skin reactions, such as an itchy rash at the tattoo site. This can occur even years after you get the tattoo.

Skin infections: A skin infection, which might cause redness, swelling, pain is possible after tattooing.

Other skin problems: Sometimes bumps called granulomas form



around tattoo ink.

Tattooing can also lead to keloids i.e., raised areas caused by an overgrowth of scar tissue.

Some people may have allergic reactions to the tattoo ink. And if you already have a skin condition such as eczema, you may have flare-ups as a result of the tattoo.

Serious complications can result if you attempt to do a tattoo yourself, have a friend do it for you, or have it done in any clean environment. Because tattooing involves injections under the skin, viruses such as HIV and hepatitis B and C can be transferred into your body if proper precautions aren't followed.

— Sai Varun. K, B092179, ECE, E2

Happy Ache to Mother — Brain Drain

Brain Drain is the emigration of technically skilled people from one country to another country. Brain drain can have many reasons, for example: political instability of a nation, lack of opportunities, health risks, personal conflicts, etc. It can also be named as **Human Capital Flight** because it resembles the case of capital flight, in which mass migration of financial capital is involved. Many Developing countries like India, Pakistan are facing the problems of brain-drain.

It is actually become a problem and a subject of worry. **Unemployment, population explosion and corrupt political systems** are main reasons for migration of skilled workers from India. In countries like India, Pak and Bangladesh; graduates, post graduates, experienced and skilled professionals are not getting enough opportunities to develop and succeed. With dreams of development these professionals leave their native country in search of better future. This brain-drain is a great loss to these developing countries, to their mother land.

Brain drains cause countries to lose valuable professionals. The term is usually used to describe the departure of doctors, scientists, engineers of financial professionals. When these people leave, their country is harmed in two ways. First, expertise is lost with each emigrant, diminishing supply of that profession. Second, the country's economy is harmed as each professional represents surplus spending units. Professionals earn large salaries, so their departure removes significant consumer spending from the country.

The biggest benefit of brain drain is that all those individual brains will get the opportunity to nurture in another atmosphere where they get more support as well as have more

freedom to boom and this is why they leave. But it will be a **great loss** to that particular **country** after moving all individuals (intelligent) to other countries. In under developed and developing countries, for example India, 70% students think that there are much better opportunities outside India to work but they forget that this act actually is effecting the **per capita income** and hence the **national income**. Indians, especially the **Youth**, has to understand that today India is no less than any other country in the world. India has made drastic advancement in all spheres, be it **science and tech** (astronauts like Kalpana Chawla) education, entertainment (Bollywood) and **employment**. Then why do we need to go out of this wonderful nation and work under the employer of another nation who does not even know Indian culture and beauty? *"We don't have to go and eat at our neighbors when our mom cooks such delicious food"*. Just we need to search a little more and should be employable, according to our capabilities and India will be the golden bird of our dreams once again.



It is very important to stop the phenomena of brain drain. This will help a particular country to use all local skilled **citizens for development and proliferation**. But to help these skilled persons at their native places, it is also important to provide them enough work opportunities and living facilities.

For this purpose, developed nations should help developing countries with necessary financial and other resources. So that each and every human of this planet can have good standard of living and each and every nation can introduce itself as a **developed nation**.

— Pragathi. P, B081965, CSE

“Cool Me Please...”, Cries Our Earth

The various effects of climate change pose risks that increase with global warming (i.e., increase in the Earth's global mean temperature).

The effects of global warming are the ecological and social changes caused by the rise in global temperatures. Evidence of climate change includes the instrumental temperature record, rising sea levels, and decreased snow cover in the Northern Hemisphere. According to the Intergovernmental Panel on Climate Change (IPCC), most of the observed increase in global average temperatures since the mid-20th century is very likely due to the observed increase in human greenhouse gas concentrations. Projections of future climate change suggest further global warming, sea level rise and an increase in the frequency of some extreme weather events. The future level of global warming is uncertain, but a wide range of estimates have been made.

The IPCC's "SRES (Special Report on Emissions Scenarios)" scenarios have been frequently used to make projections of future climate change. The SRES scenarios are "baseline" scenarios, which mean that they do not take into account any current or future measures to limit greenhouse gas (GHG) emissions. Emissions projections of the SRES scenarios are broadly comparable in range to the baseline emissions scenarios that have been developed by the scientific community. The range in temperature projections partly reflects the different choice of emissions scenario. Different scenarios make different assumptions of future social and economic development (e.g., economic growth, population level, energy policies), which in turn affects projections of GHG emissions. The range also reflects uncertainty in the response of the climate system to past and future GHG emissions. The projected rate of warming under these scenarios would very likely be without precedent during at least the last 10,000 years.

The most recent warm period comparable to these projections was the mid-Pliocene, around 3 million years ago. At that time, models suggest that mean global temperatures were about 2–3 °C warmer than pre-industrial temperatures. Human activities have contributed to a number of the observed changes in climate. This contribution has principally been through the burning of fossil fuels, which has led to an increase in the concentration of GHGs in the atmosphere. Another human influence on the climate are sulphur dioxide emissions, which are a precursor to the formation of sulphate aerosols in the atmosphere. The probability of warming having unforeseen consequences increases with the rate, magnitude, and duration of climate change. The effect of human activities on the climate system can be measured by radi-

ative forcing: Energy is constantly flowing into the atmosphere in the form of sunlight that always shines on half of the Earth's surface. Some of this sunlight is reflected back to space and the rest is absorbed by the planet. Some energy from the Earth is also radiated back out into space as invisible infrared light. Radioactive forcing is a measure of the energy flowing into the Earth-atmosphere system, minus the energy flowing out. A positive radioactive forcing will tend to warm the climate, while a negative forcing will tend to cool the climate. Anthropogenic forcing of the climate has likely contributed to a number of observed changes, including sea level rise, changes in climate extremes

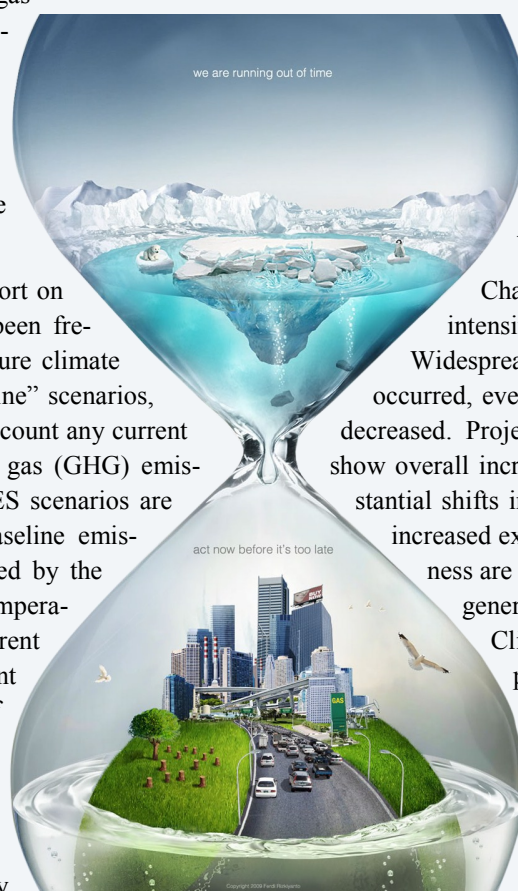
(such as warm and cold days), declines in Arctic sea ice extent, and to glacier retreat.

Observations show that there have been changes in weather. As climate changes, the probabilities of certain types of weather events are affected.

Changes have been observed in the amount, intensity, frequency, and type of precipitation. Widespread increases in heavy precipitation have occurred, even in places where total rain amounts have decreased. Projections of future changes in precipitation show overall increases in the global average, but with substantial shifts in where and how precipitation falls. Also, increased extremes of summer dryness and winter wetness are projected for much of the globe, meaning a generally greater risk of droughts and floods.

Climate models tend to project increasing precipitation at high latitudes and in the tropics and decreasing precipitation in the sub-tropics. Using the Palmer Drought Severity Index, a 2010 study by the National Centre for Atmospheric Research projects increasingly dry conditions across much of the globe in the next 30 years, possibly reaching a scale in some regions by the end of the century that has rarely, if ever, been observed in modern times.

Global warming is projected to have a number of effects on the oceans. On-going effects include rising sea levels due to thermal expansion and melting of glaciers and ice sheets, and warming of the ocean surface, leading to increased temperature stratification. Other possible effects include large-scale changes in ocean circulation. About one-third of the carbon dioxide emitted by human activity has already been taken up by the oceans. As carbon dioxide dissolves in sea water, carbonic acid is formed, which has the effect of acidifying the ocean, measured as a change in pH. The uptake of human carbon emissions since the year 1750 has led to an average decrease in pH of 0.1 units. Projections using the SRES emissions scenarios suggest a further reduction in average global surface ocean pH of between 0.14 and 0.35 units over the 21st century.



Regional effects of global warming vary in nature. Some are the result of a generalized global change, such as rising temperature, resulting in local effects, such as melting ice. In other cases, a change may be related to a change in a particular ocean current or weather system. In such cases, the regional effect may be disproportionate and will not necessarily follow the global trend. There are three major ways in which global warming will make changes to regional climate: melting or forming ice, changing the hydrological cycle (of evaporation and precipitation) and changing currents in the oceans and air flows in the atmosphere. The coast can also be considered a region, and will suffer severe impacts from sea level rise. Projections of future climate changes at the regional scale do not hold as high a level of scientific confidence as projections made at the global scale. It is, however, expected that future warming will follow a similar

geographical pattern to that seen already, with greatest warming over land and high northern latitudes. The Arctic, Africa, small islands and Asian mega deltas are regions that are likely to be especially affected by climate change. Adverse impacts of climate change are expected to fall disproportionately upon developing countries. Within other areas, even those with high incomes, some people can be particularly at risk from climate change, such as the poor, young children and the elderly. With very high confidence, Confalonieri et al concluded that economic development was an important component of possible adaptation

to climate change. Economic growth on its own, however, was not judged to be sufficient to insulate the world's population from disease and injury due to climate change.

Future vulnerability to climate change will depend not only on the extent of social and economic change, but also on



how the benefits and costs of change are distributed in society. For example, in the 19th century, rapid urbanization in Western Europe leads to a plummeting in population health. Other factors important in determining the health of populations include education, the availability of health services, and public-health infrastructure. With high confidence, Confalonieri et al. Projected that climate change would increase cardiorespiratory morbidity and mortality associated with ground-level ozone. Ground-level ozone is both naturally occurring and is the primary constituent of urban smog. Ozone in smog is formed through chemical reactions

involving nitrogen oxides and other compounds. The reaction is a photochemical reaction, meaning that it involves electromagnetic radiation, and occurs in the presence of bright sunshine and high temperatures. Exposure to elevated concentrations of ozone is associated with increased hospital admissions for pneumonia, chronic obstructive pulmonary disease, asthma, allergic rhinitis and other respiratory diseases, and with premature mortality.

— *Raja Shekhar. B, B111611, P-2*

100th Mission of ISRO

Indian Space Research Organization (ISRO), had crossed one more landmark. It recently accomplished its 100th mission. ISRO had launched its polar satellite launching vehicle, PSLV C-21, after a count down of 51 hours, into air on 9th September of 2012. PSLV C-21 put a French earth observation satellite, SPOT 6, the heaviest satellite launched by PSLV for a foreign country till now, and a Japanese micro satellite, PROITERES, into the orbit of 655 km from the Earth's surface. This historic event took place at Satish Dhawan Space Centre, Sriharikota, under the witness of Prime Minister Manmohan Singh.

ISRO was Established in 1969, to start up India's journey towards space. It built the first Indian satellite, Aryabhata in 1975. It was launched by Soviet Union. From 1975- 2012, in this short span, ISRO successfully achieved 100th mission milestone. This includes launch of 62 satellites and 38 rockets. Till now, India inducted 28 foreign satellites into space.

— *Amarender. B, B081707, ECE, E3*



Science Facts

- James Watson and Francis Crick did not discover DNA. That honor goes to Swiss biochemist **Friedrich Miescher**, who in 1869 found the molecule in the nuclei of white blood cells and called it **nuclein**.
- If uncoiled, the DNA in all the cells in your body would stretch **10 billion miles**—from here to Pluto and back.
- Phosphorus is a key component of DNA, but late last year a team of NASA scientists published a controversial study reporting that they had found a bacterium that could use **Arsenic** instead.
- Most of that DNA resides **not in the cell nuclei**, which control heredity, but in our **mitochondria**, the organelles (units within cells) that generate metabolic energy.
- Ice is a lattice of tetrahedral bonded molecules that contain a lot of **empty space**. That's why it **floats**.
- Hair on your skin can **hold** water droplets too. A hairy leg may get sunburned **more quickly** than a shaved one.
- Good gardeners know not to water plants **during the day**. Droplets clinging to the leaves can act as little magnifying glasses, focusing sunlight and causing the plants to burn.
- Light would take **0.13 seconds** to travel around the Earth.
- Even travelling at the speed of light, it would take **2 million years** to reach the nearest large galaxy, Andromeda.
- Diamonds are the **Afghanistan of gemstones**: Any entering photon quickly gets bogged down. It takes a lot of ping-pong back and forth in a thicket of carbon atoms to find an exit. This action is what gives diamonds their dazzling sparkle.
- Shoot now: The **golden hour**, just after sunrise and before sunset, produces the prettiest shadows and colors for photographs.
- Snow is a **mineral**, just like diamonds and salt.
- Freshly fallen snow is typically **90 to 95 percent air**, which is what makes it such a good thermal insulator.
- Polar Bears are nearly **undetectable** by infrared cameras, due to their **transparent fur**.
- Due to our increasing passion for skiing and snowmobiling, **avalanche fatalities** in the United States have risen sharply in the last 50 years. About 270 people have died that way in the past decade.
- Nobel nominees are **never announced**, and all records are sealed for **50 years**.
- Only **11 women** have won science Nobel's out of the 508 awarded in the fields of physics, chemistry, and physiology or medicine. One of the 11—Marie Curie—won it twice, for physics in 1903 and chemistry in 1911. Her daughter Irene Joliot-Curie earned the chemistry prize in 1935.
- Lack of oxygen** in the blood is what would kill you, but it would take about **two minutes**.
- Without the colon's marvelous ability to **recover** bodily fluids, animals could not survive on **dry land**.
- 7A 2001 study showed that astronauts who **snoored** on Earth snoozed **silently** in space.
- Astronauts cannot **belch** – there is no gravity to separate liquid from gas in their stomachs.
- If you are ever exposed to the vacuum of space without a suit on, don't hold your breath: Sudden **decompression** would cause your lungs to **rupture**.
- There are **62,000 miles** of blood vessels in the human body – laid end to end they would circle the earth **2.5 times**.
- Your stomach's primary digestive juice, hydrochloric acid, can **dissolve metal**, but **plastic toys** that go down the hatch will come out the other end **as good as new**.
- A thimbleful of a neutron star would weigh over **100 million tons**.
- A typical hurricane produces the energy equivalent of **8,000 one megaton bombs**.
- Butterflies taste with their **hind feet**, and their taste sensation works on **touch** – this allows them to determine whether a leaf is edible or not.
- Males produce one thousand sperm cells each second – 86 million each day.
- On the day that Alexander Graham Bell was buried, the entire **US telephone** system was shut down for **1 minute** in tribute.
- One **million, million, million, million, millionth of a second** after the Big Bang the Universe was the size of a **...pea**.
- Bees, birds, and lizards have eyes that pick up **ultraviolet**.
- Goldfish can see **infrared radiation** that is invisible to us.
- A six-year study of a million adults showed that people who get only **six to seven hours** of sleep a night have a **lower death rate** than those who get eight hours.
- The world's most accurate clock, at the National Institute of Standards and Technology in Colorado, measures vibrations of a single atom of mercury. In a billion years it **will not lose one second**.



— Sunitha.D, B091003, ECE, E3

Fluorescent Tube Light

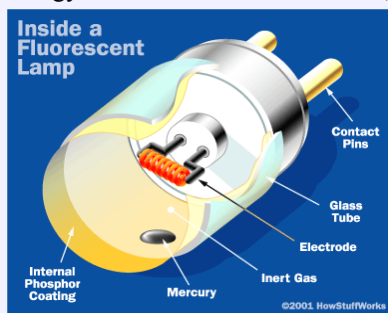
A fluorescent lamp or fluorescent tube is a gas discharge lamp that uses electricity to excite mercury vapor. The excited mercury atoms produce shortwave ultraviolet light that then causes a phosphor to fluoresce, producing visible light. A fluorescent lamp converts electrical power into useful light more efficiently than an incandescent lamp.

Principles of operation:

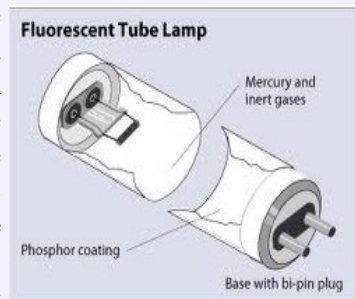
The fundamental means for conversion of electrical energy into radiant in a fluorescent lamp relies on inelastic scattering of electrons. An incident electron collides with an atom in the gas.

If the free electron has enough kinetic energy, it transfers energy to the atom's outer electron, causing that electron to temporarily jump up to a higher energy level. The collision is 'inelastic' because a loss of kinetic energy occurs.

This higher energy state is unstable, and the atom will emit an ultraviolet photon as the atom's electron reverts to a lower, more stable, energy level. Most of the photons that are released from the mercury atoms have wavelengths in the ultraviolet (UV) region of the spectrum, predominantly at wavelengths of 253.7 and 185 nanometers (nm). These are not visible to the human eye, so they must be converted into visible light. This is done by making use of fluorescence. Ultraviolet photons are absorbed by electrons in the atoms of the lamp's interior fluorescent coating,



causing a similar energy jump, then drop, with emission of a further photon. The photon that is emitted from this second interaction has a lower energy than the one that caused it. The chemicals that make up the phosphor are chosen so that these emitted photons are at wavelengths visible to the human eye. The difference in energy between the absorbed ultraviolet photon and the emitted visible light photon goes toward heating up the phosphor coating. When the light is turned on, the electric power heats up the cathode enough for it to emit electrons (thermionic emission). These



electrons collide with and ionize noble gas atoms inside the bulb surrounding the filament to form a plasma by the process of impact ionization. As a result of avalanche ionization, the conductivity of the ionized gas rapidly rises, allowing higher currents to flow through the lamp. The fill gas helps determine the operating electrical characteristics of the lamp, but does not give off light itself. The fill gas effectively increases the distance that electrons travel through the tube, which allows an electron a greater chance of interacting with a mercury atom. Argon atoms, excited to a metastable state by impact of an electron, can impart this energy to a neutral mercury atom and ionize it, described as the Penning effect. This has the benefit of lowering the breakdown and operating voltage of the lamp, compared to other possible fill gases such as krypton.

— *Naga Sahithya. N, B082161, ECE, E3*

Ozone Water Purifier

Ozone has been used to purify water since 1893 and is used in several large municipal water treatment facilities in the United States (this method is even more prevalent in Europe). The first documented use of ozone in a municipal system was in Nice, France in 1906. Nice still uses an updated version of this system today.

What are Ozone Water Purifiers?

A home based system is very similar to those used in municipalities except on a far smaller scale. They are systems that include a recirculation pump, an ozone generator, a water recycling tank, and an ozone line vent. Ozone drinking water purifiers are generally located at the water intake point for the home between the intake and the storage tank. This allows all water coming into the house to be disinfected before it reaches the storage chamber. This is important because any microbes that make their way into the standing water in the storage tank will multiply rapidly.

How Do They Work?

The ozone system works by infusing incoming water

with highly reactive ozone molecules. The system starts with an ozone generator chamber where a high intensity Ultraviolet (UV) light is used to break the bonds of oxygen molecules and create the unstable ozone molecule. The ozone air is forced into through the generator chamber into the recycling tank. Once the ozone enters the water, it oxidizes biological components including almost all bacteria and viruses. It also bonds with many dissolved minerals, causing them to precipitate to the bottom of standing water. Ozone has been found to effectively remove 99% of all biological pathogens including Giardia and Cryptosporidium. It also is effective at removing iron and manganese as well as freeing up chlorine to kill even more microbes if used in a multiple step system. The ozone has a half-life of only a few minutes, so after it has purified the water any remaining molecules break down into standard oxygen. This creates an environment that highly oxygenates the water.



— *Sowmya Mojarla, B082171, ECE, E3*

Photo Printer in Ur Pocket

LG has unveiled a new addition to their printer range with the launch of LG Pocket Photo Printer, which has been designed to provide a portable printing solution to customers.



It is capable of printing 2x3 inch prints without the need to use conventional and ink supplies. It uses Zink paper which is activated by heat as it rolls through the printer, requiring no ink reservoirs.

Monitor2go

Monitor2go, portable 15.6 inch Display designed for Tablets. Monitor2go allows you to attach your tablet to the underside of the display as in the picture and offers choice between either a 1366 x 768 or 1600 x 900 pixel screen.

It can also be connected to a PC using an HDMI or USB connection, allowing you to use it as a second display if required, and Monitor2go includes a slide-in slot for the iPod 2 or iPod 3, making it perfect for iOS 6 devices.



Blue Ray Players



In 2012, Blue Ray players are slowly replacing the old DVD Players. Since it has the larger memory space, Long battery life and good sounding system, it will take over the DVD players.

Its features are:

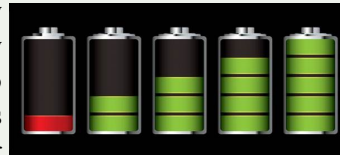
- * Video streaming
- * BD-Live
- * Wi-Fi
- * 3D capability
- * DLNA (Digital Living Network Alliance)
- * A/V connections
- * Disc capacity
- * Connections and memory-card slots



— Sandeep. R, B083245, CSE, E3

Increase Ur Battery Life Span

EXTENSIVE USE of laptops has revolutionized our studying culture. With every passing day, our dependency on laptop is increasing fast. So it is paramount for laptop users to make sure they use their laptop batteries to the fullest and also achieve the highest performance in the process.



Here are top 10 tips to enhance your battery throughput and also increase its overall lifespan:

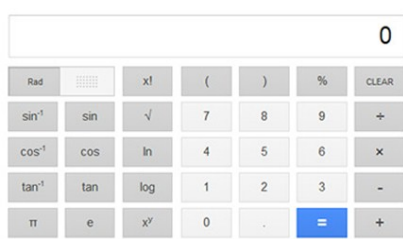
1. *IIITians Point:* Always use your laptop like a mobile. Never use it by connecting it directly to an AC power outlet. Then your laptop will work fine even after years of use.
2. *Power management features:* Our body feels energetic after a good sleep. The same applies for your laptop too. You can keep your laptop in “sleep” mode whenever you are not working. Use the ‘power management’ feature of ‘windows’ from the ‘control panel’ to utilize this feature.
3. *Screen brightness adjustment:* The brightness level of the screen also decides the life of the battery. It is very common that we forget to adjust the brightness while working which consumes more battery. Set your brightness to a lower level when working on battery backup to enhance the backup time and performance.
4. *Optimize graphics:* Do we actually require fancy graphic drivers all the time? The power utilized by graphics cards is almost equal to hard drives. Therefore you can understand how much power they use.
5. *External peripherals:* Disconnect the peripherals like printers, scanners, USB drives, etc. when not in use to save the power.
6. *Check adapter voltage:* Always check the voltage of your adaptor and make sure that you are not using AC adaptor with an incorrect voltage.
7. *Less utilization of CD and DVD drives:* Do not keep a disk in the drive all the time. They utilize power which can decrease the life of battery.
8. *Remove battery:* If you are not going to use your laptop for some days then it is always better to remove the battery from the laptop and store it separately.
9. *Disable wireless card when not in use:* Always disable your wireless card when it is not in use to avoid battery from draining out unnecessarily.
10. *Avoid undue heat:* Do not keep your laptop in a closed car or under direct sunlight. It kills the life of the battery.

— Phaneendra. P, B092948, ME, E2

Gooooooooogle

Some people say that Google secretly owns the internet; but, Google has put its efforts in proving it right. The search giant recently added a list of salient features to its ever burgeoning list of facilities. Let's check out some recently added features:

1. **Calculator** : The search giant recently added a scientific calculator in its list of features, which is useful for quick calculations. The calculator gives users the ability to do everything from arithmetic to trigonometric calculations. To access this calculator, you just have to type "Calculator" in the Google Search Box and go on.



2. **Convertor**: Just as Calculator, Google has made user friendly Convertor. If you just get struck at any problem in the exams while converting, then just type "Online Convertor"



in Google Search Box to get basic conversions of some physical quantities.

3. **Speech Recognition** : Meet Dictation, a speech recognition app powered by Chrome itself but one that is not limited to text boxes. Here's a quick getting started guide:

- Use the keyboard shortcut Ctrl + Shift + . (Period) or click the big microphone icon to activate dictation mode and talk.
- If you make a mistake, or if Chrome makes an error in transcription, simply click the incorrect word and edit it inline.
- You can say "new line" to insert a new line or "delete everything" to make a fresh start.

Dictation requires the Google Chrome browser. The full source code is available at ctrlq.org (For programmer to develop their kind of 'Dictation') and what follows is a brief video demo.

4. **Google Play**: As many of our IITians own android phones, they may find this update very important as this Google Play is nothing but an updated version of "Android Market". So, better get a view on it to get new Apps next time on.

5. **Google Panda**: Google Panda, which was initially launched in February 2011, is aimed to lower the ranks of low quality websites and list high quality sites close to the top of the search results. It is useful in keeping fake sites at bay from the users.

— Phaneendra. P, B092948, ME, E2

Heart Exam for Cellphone

The estimated 2 billion people in the world, who lack access to basic health care may be heartened to hear about a 17-year-old girl from New Jersey who invented an inexpensive and portable electrocardiogram that transmits data via cellular networks.



An electrocardiogram, also called EKG or ECG, is a routine test run at hospitals around the world that records the hearts electrical activity. Electrical signals set the rhythm for the heartbeat. Doctors look at the readout of an EKG to determine heart health.

The problem is that the medical equipment typically used

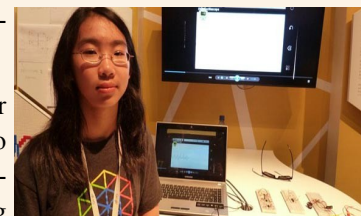
to perform the test is expensive and bulky, making it impractical for people who lack money and access to hospitals.

Even the growing field of telemedicine, which allows doctors to examine patients remotely via computers and the Internet, is impractical for many people in developing countries who need health

care the most, according to Catherine Wong, who invented the portable EKG test.

In fact, in India today, more people have access to cell-phones than have access to toilets.

Wong worked with her high school physics teacher to understand the electrical engineering and Java programming components needed to build a prototype EKG that connects to a cellphone via Bluetooth. The heartbeat rhythm is displayed on the cellphone screen, thanks to a Java applet.



The data is sent to an offsite doctor for analysis.

The implications for this are huge, Wong said. The prototype successfully showed that it is possible to make a fully cellphone compatible EKG prototype. For patients in third world countries, the device puts the possibility of examination in the hands of almost any cellphone owner.

Wong's device was also a finalist in the second annual Google Science Fair. Top honors there went to Brittany Wenger for an artificial brain that detects breast cancer. If these innovations from tomorrow's leaders continue a pace, our future health care looks to be get in good hands.

— Vishal. V, B092631, ECE, E2

Film: Life is Beautiful**Director & Producer:** Shekhar Kammula**Cast:** Shriya Saran, Anjala Zaveri, Amala Akkineni, Shagun Kaur, Zara Shah, Rashmi, Abhijeet Duddala, Sudhakar Komakula and Kaushik**My Rating:** 3.5/5

Life is beautiful is as beautiful as cool eve of rainy season, as cute as a little girl's dimple smile, as enthusiastic as guys playing street cricket, as romantic as a beautiful Telugu girl wearing a half saree and mostly as sensible as a typical Shekhar Kammula movie.

Each and every scene portrays the flavour of Shekhar Kammula's delightful thoughts. The six lead roles suited aptly for their characters. Sriya did a wonderful role of her lifetime pairing up with Abhi. When you come out of theater, the guy you will think about was Nagaraj (Sudhakar), who played a role of uneducated yet talented young fellow speaking Telangaana accent, entertained immensely throughout the film. Some dialogues like "endi nu nagaraju ke no cheptanava, emankuntanav asal...na yenka enta mandi gold phase porilu paddaro telsa..." were applauded greatly by the audience. Amala had a great comeback reaching expectations of fans, did a sensible job in fulfilling the role of a middleclass mother. Anjala Javeri is a treat to watch on screen. Scenes involving Srinu (Abhijeet) and Satya (Shagun Kaur) are very natural and romantic. Last but not least the roles of two sisters of Srinu had a great influence on the story line which carried the emotional side of the movie. The little girl's scene at school telling about her mother is heart touching and surely I can bet that a person with heart will definitely have tears listening to little girl saying "amma gurthoste naku edupostundi kaani nen edavanu endukante ma amma edvoddani chep-



pindi..." Background score synchronized wonderfully throughout the film which carried each and every emotion of the film. Mickey J. Meyer, Shekhar Kammula deserves a standing ovation.

Plot: A typical middle class guy named Srinu forced to shift to Hyderabad's Sunshine Valley for one year by his mother (Amala) with no reasons explained, along with his two sisters to his uncle's house. One of the sisters studying intermediate and the other one a pretty small girl studying nursery. With in a short span of time, Srinu had friendship with Nagaraj who speaks Telangaana accent and Abhi, an intelligent guy. The first half includes the quarrel between the Gold Phase guys (rich people) of Sunshine Valley with B-Phase guys (middle class). Second half carried the emotional part and love stories of three friends, Srinu, Abhi, Nagaraj with Satya, Paaru (Sriya) and Maha Lakshmi (Zara Shah) respectively. During the course of one year, lot many things change and Srinu knows the fact that his mother is suffering from cancer. How the love birds united and what happened in their lives can only be understood when we watch movie on screen.

Positives: Direction was fantastic, songs synchronized with subject, new faces charmed effectively. Amala had a great comeback. The lead role played by Abhijeet (Srinu) was up to the mark.

Negatives: The length of the movie was 2 hr 48 min, which is little too much for the context. It would've been better if it is under 2 hr 30 min.

Finally its a must watch movie for a youngster. Its among the few movies which can entertain all the ages of the family. Go with your family on weekend everybody will give a super like:)

— **Rashmi Mayur Koyyada, B081017, CSE, E3**

(Movie viewed at Vijay Theater, NZB)

Long before the release, we all knew the wafer-thin storyline — the villain murders the hero, who gets re-incarnated as a housefly and has his revenge. The question remains, will it manage to hold our attention as a full-length feature film? Eega manages to do a lot more than that.

S.S. Rajamouli is completely in control of his team, his narrative style and his vision. He proves, yet again, that he is one of the finest storytellers in the contemporary Telugu cinema. He is aided by an equally talented team that helps give form to a movie that could have become gimmicky and shallow. Eega raises the bar for visual effects and animation for an Indian film. For the urban Indian audience that is continuously fed on Hollywood films that are high on visual appeal with cutting edge computer graphics, Eega shows what Indian filmmakers and production houses are capable of, at budgets much lower than that of Hollywood.

Nani (actor Nani makes his mark in a breezy guest appearance) is the quintessential guy-next-door who pursues Bindu (Samantha) for two years, unfalteringly, to win her love. She leads him on, plays hard to get and their love story unfolds at a leisurely pace, only to be jolted by the wicked businessman Sudeep (Kannada actor Sudeep), who will have none come in between him and the woman he eyes. Bindu broods over Nani and cherishes his memories while Nani gets reincarnated as the Eega. The housefly wants Sudeep's blood. But he can only do so much as annoyingly buzz around Sudeep, spoil his sleep, make him lose focus on road, land him in an accident and ultimately make him lose his peace of mind. To take on his might, the fly needs to do much more. What



follows is a roller coaster ride of fun, revenge and ingenuity.

Bindu's talent as a micro artist comes to fore. Saying anything more will give away the surprises in the film. Sudeep, a near stranger to Telugu cinema, is a perfect match for the animated Eega. He is menacing, annoying and has impeccable comic timing. Only an actor of caliber could have pulled off a role that called for emoting with an imaginary Eega. Remember that the Eega was added to the frames with the computer graphics after the visuals were shot. Sudeep can keep a few empty shelves ready in his abode to accommodate all the awards he is poised to win the coming year. Samantha blooms in the role given to her. Long after she played Jessie, she gets a role with scope for performance. And how can we forget the inimitable Eega? Half way into the film, Rajamouli nudges even the most pragmatic among us into looking at the Eega, as a character with emotions than a work of computer graphics.

The audience cheers, claps and whistles away as the Eega lifts weights, wears goggles and even goes out on a date. Eega is the work of a good team. M.M. Keeravani's music score stands out with the melodious songs sharply contrasted by the background score, which seamlessly moves from sober to playful to pulsating. Senthil Kumar's cinematography is an asset. The film needs a fine eye for detail and Senthil's camera does a terrific job. If you look for faults, you will find them. Eega is not a perfect film. Rajamouli gets indulgent and towards the latter half, the revenge saga gets a tad longer than necessary.

— **Anurag Srivathsav, M, B083241, CE, E3**

తెలుగు కి తెగులు

— ఆంగ్ల ప్రదేశ్

చంకలో పిల్లని పెట్టుకుని ఊరంతా వెతికినట్లు మన తెలుగు వారు అత్యధిక వర్ణమాల కలిగిన మన మాతృభాషలోని పదాలను వదిలిపెట్టి పరభాషా పరాయణత్వాన్ని కొనసాగించడం ఎంత వరకు సమంజసం. మాట్లాడేటప్పుడు సునాయాసంగా ఉంటుందనే ఒక్క ఉద్దేశంతో అందిన మాట దొరకబుచ్చుకొని మాట్లాడటం తెలుగు ప్రజానీకానికి బాగా అలవాటు అయిపోయింది. తెలుగులో మాటలు లేవా? కేవలం వర్ణమాల మాత్రమే ఉందా? మాటలు లేకుండానే దశాబ్దాల తరబడి భాష చలామణి అవుతుందా? అవుతుంది అనుకుంటే అది కేవలం అపోహ మాత్రమే. పదాలు లేకుండానే అసంఖ్యాకమైన సాహితీ సంపద తెలుగు వారి నొత్తు అయిందా? భాషలో బోలెడు పదాలు ఉన్నాయి, కేవలం అన్య భాషా ప్రభావం వల్లనే దాగి ఉన్న సంపద దరి చేరలేక పోతుంది.

ఈ క్రమంలో మన మాతృభాషకి అభివృద్ధి లేక స్తబ్ధంగా ఉండిపోయింది. ఇదే పరిస్థితి ఇంకొన్నాళ్ళు కొనసాగితే తెలుగు భాష పడకేయాలిందేనా! అప్పుడు నేనెవరిని? నా జన్మ భూమి ఏది? నా మాతృ భాష ఏమిటి? నేను పుట్టి పెరిగిన ఊళ్ళో మాట్లాడిన భాష, ఊపిరి తీసుకున్న శ్వాసలేవి? నా బాల్యంలో నేను నా మిత్రులతో ముచ్చటించిన మాటలేవి? అన్నీ ఏమైపోయినవి? నా భాషకు నేనే ఎంతగా పరాయి వాణ్ణియ్యాను? నాకు ఊహ తెలిసిన నాటి నుండి నాలో ఒక అవిభాజ్య అంగమైన నా మాట ఇవాళ నా నోటి ఇంతగా తత్తరపడుతూ తడబడుతున్నదెందుకు..? అనే ప్రశ్నలు తలెత్తడం సహజం.

పెన్నెరు గడ్డ లాంటి తెలుగు నేడు కన్నీటి పర్యంతమవ్వడానికి కారణం ఎవరు? లోకంలో ఇతర భాషలకు కూడా ఇదే పరిస్థితి నెలకొని ఉందంటే పొరపాటే. కేవలం తెలుగుకు మాత్రమే ఎందుకు ఇలా జరుగుతుంది. కన్నడ విషయానికి వస్తే గల్లీ నుండి జిల్లా దాకా ఎక్కడ చూసినా మాతృభాషకే ప్రాధాన్యం. ఆ తరువాతే మరే ఇతర భాషైనా. ప్రభుత్వ ఉత్తర్వుల్లో, న్యాయ స్థానాలలో మాతృభాష తప్ప మరేఇతర భాష వాడుకలో లేదు. కల్తీ లేనిది భాషకు బతుకు లేదా అంటే, అభివృద్ధి కోసం అరువు తెచ్చుకుంటే తప్పులేదనే వాదనలు వినిపిస్తూ ఉన్నాయి. కానీ అభివృద్ధి పేరుతో అన్య భాషా పదాలు మన మాతృ భాషలోకి చొరబడి భాషనే చెరపట్టడం వలన మాతృభాష మచ్చుకైనా లేకుండా పోయే పరిస్థితి నెలకొంటుంది.

ఏనాడో వచ్చిపోయిన ఆంగ్లేయుల పాలన, బానిసత్వం అంతమైపోయినా కూడా భాషలో మాత్రం ఆంగ్లేయులకు బానిసగానే మిగిలిపోయింది. ఎంతగా బానిసైపోయిందంటే మన మాతృభాషలో మాట్లాడినా గానీ, రాసినా గానీ, అది ఒక ఘోరమైన నేరంగా, మాతృ భాషలో మాట్లాడితే తక్కువ తనంతో చూసేంతగా, తిట్టుతినాలంటే తెలుగులో మాట్లాడు అనేంతగా...ఇది ఆంధ్రప్రదేశ్? లేక ఆంగ్ల ప్రదేశ్? తెలుగు భాష దుస్థితికి కారణం ప్రజలా, రాజకీయ నేతలా, ప్రభుత్వాలా? అని ఆలోచిస్తే తెల్లవారేళ్ళు తెలుగు వెలుగు పాయ చీకటంత నేడు చుట్టుముట్టే తెలుగు భాషనేడు తెగులు భాషాయేనా తేటమల్లె పూల తెలుగు బాట!

“అరయంగా కర్ణుడీల్లె ఆధురిచేతన్” అనే పద్యం గుర్తుకు వస్తుంది. మన తెలుగు కర్ణుడి మాదిరిగా శాపగస్తూరాలైంది. ఈ దుస్థితి నుండి మనం తేరుకోవాలి. ఇకనైనా మనందరం తెలుగు భాష అభివృద్ధికి ప్రతిజ్ఞ స్వీకరించాలి. దాని బాగుకై మనవంతు కృషి చేస్తామని శపథం చెయ్యాలి. ప్రభుత్వంపై ఒత్తిడి తేవాలి. పోరుగువారి నుండి ఈ విషయంపై స్ఫూర్తి పొందాలి. పూర్వీకుల నుండి వారసత్వంగా పొందిన గొప్ప సంపదగా మన భాషను గుర్తించాలి. తర్వాత తరానికి ఈ అపురూపమైన సంపదను పదిలంగా అందించాలి. లేకపోతే రాబోయే తరాలవారు మనల్ని క్షమించరు. భాషకోసం తమ జీవితాలను సైతం ధారపోసిన మహా గొప్ప మహనీయులున్న రాష్ట్రం మనది, అలాంటి రాష్ట్రంలో తల్లిభాషకు తగిన ఆదరణ లేకపోవడం అనేది క్షమించరాని నేరం.

— Bhiksham. M, B083039, ECE, E3



— Sk. Manisha, B121006, P1



— Krishna, B101836, E1



— Pradeep. M, B092730, ME, E2

పాలి "ట్రీక్స్"

ఇది మనదేశం. ఎందరెందరో మహానుభావుల పాదస్పర్శతో తెలుస్తాయి...వారి జీవన విధానం ఎలా మెరుగువుతుంది? "వారి గోడు తనువు పులకించి, వారి అడుగుజాడల మనసు పయనించు పవిత్ర వినే నాధుడెవ్వరు, గుండె మంటలు చల్లార్చే రాజెవ్వడు." భారతదేశం. ధర్మానికి వేదికగా నిలుస్తూ, న్యాయానికి సంకేతమై ప్రజాసేవయే తన ప్రాణమంటూ, ప్రజల కొరకు తన వెలుగుతూ, చట్టానికి చతుర్వేదసూక్తలజ్యోతివోలే ఆజ్యం పోస్తూ సర్వస్వమంటూ సాకులు చెప్పి, సింహాసనమెక్కి, శత కోట్లను ఆర్జించి, ప్రపంచానికి సమతామమతల, ప్రేమా కరుణల విలువలు తెలిపిన చివరకు శ్రమజీవులను మరిచి మత్తుగా, గమ్మత్తుగా మహా మణులతో, పుణ్యభూమి మన భారతదేశం. కానీ నానాటికీ మారుతున్న ఈ రాణి రమణులతో రాసలీలలకు పెద్దపీట...అవినీతికి అగ్రపీటాన్ని సమాజంలో చట్టం, న్యాయం, ధర్మాలను అమలుపరచుటలో వేస్తున్నాడు. అద్యక్షా...“మా ప్రభుత్వ పాలనలో ప్రజలకు అది చేశాం, ఇది నేటిపౌరులుగా మనం ఏం చేస్తున్నాం? ఇది ఏ ఒక్కరికో చెందినది కాదు. చేశాం, అంతా మందే చేశాం...ఇంకా చేస్తూనే వుంటాం.” అంటూ ప్రశంసల ప్రతీ రంగానికి వర్తిస్తుంది. శ్రీ కృష్ణదేవరాయల కాలంలో ముత్యాలు రోడ్లపై జల్లులు కురిపిస్తూ సభలలో...కానీ... “చెప్పేవన్నీ గొప్పలు- పెట్టేవన్నీ అమ్మారన్నది జగమెరిగిన సత్యం. ఆనాటి భారతం ఆ విధంగా నీతి తిప్పలు.”

బాటలో నడిచింది కాబట్టి రాయలకాలం రతనాల రాజ్యమేలింది.

కానీ నేటి భారతంలో... 'ఇదెక్కడి న్యాయం, ఇదెక్కడి శాంతి, ఇదెక్కడి ధర్మం అని అడిగే సరైన నాయకుడు కరువయ్యాడేమో "కలికాలం కాటేస్తుంది. ప్రజల కంటికునుకు కరువయ్యింది."

నేటి రాజకీయాలు గంట గంటకు ఊసరవెల్లుల్లా రంగులు మార్చుతూ, రత్నాభరణాలను పోగుచేసుకుంటున్నాయి. మన నాయకుల చిరు మందహాసం వెనుక దాగున్న, స్వార్థపూరిత మంతనాలన్నో...ఎన్నెన్నో...? ముత్యాల వానలో తడుస్తూ...మురిసి పోతున్న నేటి రాజకీయాలకు సామాన్య ప్రజల పరిస్థితులు ఎలా

“దోచుకునే హస్తం..రాజకీయ నేస్తం” అనే విధంగా “నేషనల్ నెరాలైనా...గల్లీలో ఘోరాలైనా“ రాజకీయ పాత్ర ప్రథమంగా ప్రధాన పాత్రను పోషిస్తుందట అతిశయోక్తి కాదు సుమా! గౌరవనీయ నాయకుల్లారా...రాజకీయమంటే నిర్వచనం ఇదేనేమో సరిచూడండి.

“అవినీతికి పెద్ద పీటలు వేస్తాం...అక్రమాలలో ముందుంటాం”
 “వసతులు అన్నీ కల్పిస్తాం...వరుసగ మేమే దోచేస్తాం”
 “నిదులన్నీ మళ్ళిస్తాం...నీళ్ళవనరు తరలిస్తాం”

— Laxman Rao. B, B081813, MME, E3

కీటకమై కాటస్తా

రగులుతున్న నా మనసు ఈ విష సమాజ సంద్రంలో
 రోదిస్తున్న నా వయసు ఈ ఆడజన్మ అవనిలో
 స్త్రీకి స్వేచ్ఛలేని ఈ అనర్థ అనాగరికంలో
 ఆకర్షణ అంచులో, ప్రేమ జ్వాలలో ... వేదించే దెవరో
 ఆరుబయట అడుగువేయలేని ఈ నవ ధరిత్రలో
 చిరునవ్వులేని నా మనసే ,నన్నడిగెను నీ స్వేచ్ఛెక్కడనీ
 మూగబోయిన నా స్వరం మౌనమై ఏలుతోంది
 మాటలే తూటాలై నా చిన్ని పవిత్ర హృది గాయపడునే
 జగతిని చూడలేని నా కళ్ళకి ఎప్పటిదీ రోదన

గుడ్డిదాన్నై సంతోషించనా తాళలేని ఈ దృశ్యాలని
 ఆక్రోశం, అనుమానం, ఆధునిక పోకడల శాపం
 చట్టాలు, న్యాయాలు పవళించి వుంటారా
 నేనే ఓ పోరాట యోధురాలినై, ప్రతిజ్ఞ పూననా ?
 నేనే ఓ విప్లవ కవితా సమిధనై లోకాన్ని మేల్కొల్పనా ?
 అగ్నిశీలలనై కనితో కాలేయనా ? ఈ క్రోధులని
 ఓ విషకీటకానై, విధాత వేదననే కనితో కాటేయనా ?
 నేనే ఓ ఆదిపరాశక్తినై నవ సమాజ బాటలు వేయనా !!

— Mounika. S, B083023, CE, E3



Looking Similar Right !!!
 — Afsha Begum, B081336, CSE, E3



దేశ సేవకై కృషి

మన దేశం ఒక అందమైన హరివిల్లు
ఆనందాలకు నిలయం ఈ పొదరిల్లు
భిన్న సంస్కృతులకు ఇదొక పుట్టినిల్లు
విభిన్న సంప్రదాయాలన్నీ విలసిల్లు
నేడు చెదిరిపోతుంది దేశం చెల్లా చెదురుగా
జరుగుతుంది అన్యాయం విచ్చల విడిగా
పెరుగుతుంది అవినీతి కుప్పలు కుప్పలుగా
కరిగిపోతుంది న్యాయం మంచు ముక్కలుగా
ఒక్కసారి గుర్తు తెచ్చుకో మిత్రమా!
నీవు భరతమాత ముద్దు బిడ్డవని
ఎప్పటికీ మరువబోకు నేస్తమా!
దేశ భవిష్యత్తు నీ మీద వుందని.
దేశ ప్రగతికి ప్రతిరూపం యువత
మన చేతుల్లోనే వుంది దేశ భవిత
కలసికట్టుగా మార్చుదాం ఈ చరిత
సాధ్యపడును యువతకే ఈ ఘనత.
ఎదురుచూస్తుంది నీకై భూమి భారతి
నింపు ఈ తామసిలో వెన్నెల కాంతి
జాప్యం కాకుండా వెలిగించు ఆశాజ్యోతి
పురోగతి బాటలోనే ఇక దేశ ప్రఖ్యాతి
— Pragathi. P, B081965, CSE, E3

యువచైతన్యం -సూర్తి..

- Polas

జీవితమే ఒక ఆటరా.. జీవికి చావొక హద్దురా..
ఓటమి అనేదే లేకుంటే ,విజయానికి విలువే లేదురా..
అనుమనాలే వీడరా, నీ చేపను బయటకు లాగరా..
నీ శక్తిని నీవు నమ్మరా,నీ యుక్తితో గతినే మార్చరా...
నీ కష్టాన్నీ ,ఇష్టపడుతు -కదలివెల్లరా...
ఆశించరా...నోదరా...ఆగిపోకరా..
ఆవేశం నీకోద్దురా ..ఆలో చనతో సాగరా..
ఆశయమే ఆకలి రా, అలసట అసలే వద్దురా..
అదునుచూసి అడుగేయరా ,అసాధ్యమనేది లేదురా
ఆవకాశం ,అందుకొని-ముందడుగవేయరా..
ఆరంభించరా...నోదరాఆక్రమించరా.. .
తటపటాయింపులోద్దురా ,తలవంచే ప్రసక్తి లేదురా..
సాహసించి నువు సాగరా, సాధించే సత్తాఉందిరా..
ఉరుములాగ నువు మెరవరా ,ఉప్పెనలా నువు దూకరా.
నీ సంకల్పం ,అయుధంగా-సమరం చేయరా..
సాగిపోరా...నోదరా.....సాధించరా.....
వెనుకడుగేవద్దు రా,వెనుతిరిగి చూడొద్దురా....
నీ విలువను నీవు ఎరగరా, నిస్తీజం విడనాడరా...
ఓటమి దిగులిక వద్దురా, ఓడించే దారిని వెతకరా..
నీ వీరత్వం, రుచిచూపి -విజృంభించరా...
దూసుకెల్లరా...నోదరా.....గెలుపొందరా...

— Sandeep. N, B081133, ECE, E3

నమ్మకమే ఒక అమ్మకమా ?

ఇది కలియుగమా ? కావలి యుగమా ?
నమ్మకమే ఒక అమ్మకమై
నడుస్తున్న ఒక బలియుగమా
జన జాగృతిలో ఊయలూగుతూ
మ్రొగుతున్న ఒక కసి మృగమా
అధికారాలర చేతబట్టుకొని
నడుపుతున్న ఒక అతి రథమా
నిలువు దోపిడికి నిచ్చెనేసి నువు
నడిపిస్తున్న ఒక నవయుగమా
ఎన్నాళ్ళు ఇంకెన్నాళ్ళు
లోకుల బతుకులు శూన్యాలు.....

ఆటవెలది పద్యాలు

తప్పు చేసి నేడు తప్పించుకొనుటకు
రాజకీయ మనడి రంగ తలము
గద్దెనెక్కితేని గూడమై పోవునా
తేటమల్లె పూల తెలుగు బాట!
తెల్లవారె లోపు తెలుగు వెలుగు పాయె
చీకటంత పగలు చుట్టుముట్టి
తెలుగు భాష నేడు తెగులు భాషాయెనా !
తేటమల్లె పూల తెలుగు బాట!

The Sun and The Moon

Thousands of years ago, the Moon and the Sun were brothers. Daily, they came to the sky at a time. When they come, the day begins. They give light and it was called Morning and when they went back, it became dark and was called night. Once the Moon told to his mother "I will stay with you for a month one day". She agreed for it. The Moon stayed with her mother that day. We can't see the Sun directly so all of them loved The Moon. When the moon didn't appear that day, children didn't eat food, animals stopped galloping and the whole world became worst. Good feelings of sun stopped their cry and told that moon will take one day for a month holiday to play with his mother called "Amavasya". Then all of them shouted that Moon takes holiday for one day. So, we want one day holiday. The pity Sun told to them that take leave for 4 days in a month in the name of it called "Sunday". Then all of them jumped with joy. The next day, casually the Moon and the Sun come to the sky. All the children talked to the Moon saying, "You have only one holiday but we have 4 holidays because of Sun" and said that the Sun is great. Then the Moon thought, "I didn't come only for one day and the Sun became great". The Moon was very angry with the Sun. For this reason, moon stopped coming with sun and started coming in the night. The Sun started searching for the moon from east to west daily and disappointingly, with red face sunsets. But, now also the Moon comes in the night.

కాటిదాక పాయె కలియుగాన తెలుగు
కర్మకాండలంటు కాచుకుంది
ఆహుతయ్యె ముందు ఆదుకోవాలయా
తేటమల్లె పూల తెలుగు బాట!
దండుకున్న వారు దాచుకున్నారయా
మండుతున్న కడుపు మూగ బాయె
దోచుకున్న వాడు దొరలాగె మిగులునా !
తేటమల్లె పూల తెలుగు బాట !
— Bhiksham. M, B083039, ECE, E3

— Rakesh. V, B121526, P1

ఓ నేస్తమా...!

నా ఊహలు నిన్ను కలవర పెడితే చెప్పు .!
 కన్నీరై తిరిగి వస్తాను..! !
 నా ఊహలు నిన్ను కంటతడి పెడితే చెప్పు .!
 కలలోనైనా నిన్ను కదిలిస్తాను..! !
 నన్ను చూడటానికి నీ కంటికి కోపమైతే చెప్పు .!
 చురుజ్జల్లె కలసిపోతాను..! !
 నీ అభిమానం నాపై ఆగ్రహిస్తే చెప్పు.!
 అనురాగమై విరబూస్తాను...!!
 నా తలపులకు నీ గొంతుమూగపోతే చెప్పు.!
 చిరునవ్వు రవళిస్తాను..!!
 నా స్నేహం నీ మనసుకి భారమైతే చెప్పు.!
 చిరుగాలిలో కలసి దూరమైపోతాను..!

— J. Savitha, B091958, MME, E2

ఎండలో చిగురాకు

ఆశలతో ఆరంభమైన పిల్లల చదువు!
 మరువకు.. నీవే కార్మిక బిడ్డలకు గురువు!!
 పసిపిల్లల భవిష్యత్తుపై నీ కనికరం!
 విద్యార్థి దశలో ఇది గొప్ప సహకారం!!
 ప్రతిష్ఠ కోరకే ప్రస్తుత కాలం!
 సాగించు నీ విధి చిరకాలం!!
 ఒక్కడిలా బయట పెట్టు నీలో నైపుణ్యం!
 ఇలా అందరిలో రావాలి నిజ చైతన్యం!!
 తొలగించు పేద-ధనిక భేదం!
 'అందరం మనుష్యులమే' ఇదే మన నాదం!!

— G. Priya Bharath, B093006, ME, E2

మంచి మాట లెప్పుడు మర్యాదగోనిదెచ్చు
 చెడ్డ పలుకులెప్పుడు చేటుదెచ్చు
 కాకే పలుకు కన్న కోకిలెప్పుడు మిన్న
 మార్పు చెందు, మహిని మార్పుకోమ్ము!!
 మూర్ఖు డైనవాడు ముందుండి నడిపించ
 అధము లైనవారు అనుసరించు
 ముందు గొర్రెనెప్పుడు అనుసరించును మంద
 మార్పు చెందు, మహిని మార్పుకోమ్ము!!
 రక్షబంధమెప్పుడు రక్షింపకోరును
 అక్కయన్న పదము ధాత్రినిలుపు
 తమ్ముడన్న వాడు తామసి తొలగించు
 మార్పు చెందు, మహిని మార్పుకోమ్ము!!
 — B091932, Anjaneyulu. K, CE, E2

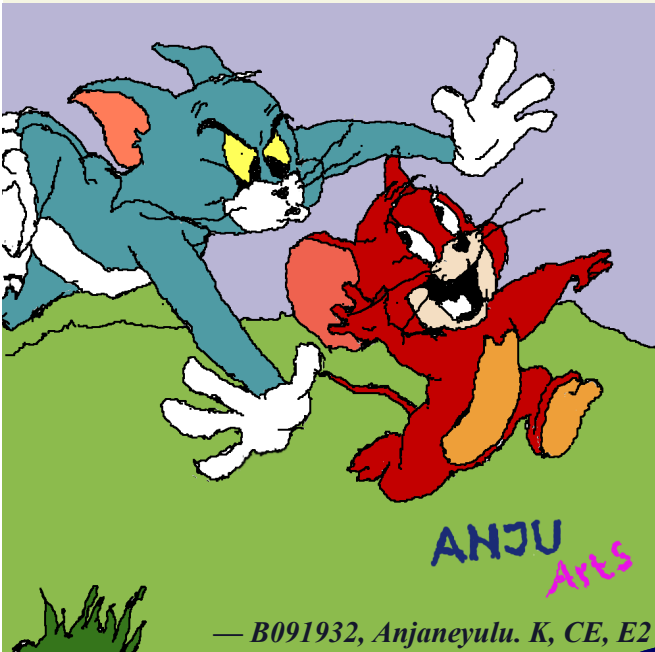
స్నేహం

మన జీవిత సింహాసనానికి పట్టం కట్టించి
 అందమైన భావాలకు అదుపు పెట్టించి
 కూరుకుపోయిన మన మేధాశక్తిని ప్రేరేపించి
 మన దివ్యగుణాల సవ్యడికి హారతి పట్టించి
 మన ఆశయ దీక్షకు పదును పెట్టించి
 మన వెన్ను తట్టి మన వెంట కడవరకు నిలిచేదే స్నేహం!
 — Thirumalesh. G, B092281, CE, E2

Walk Walk Walk...

Walk with the thoughts in your heart
 Walk with the dreams in your vision
 Be like a air which is always free and independent,
 Be like a wave which always floats without any rest,
 Don't be afraid of new things just give it a shot.
 Have no fear of failure just live out,
 Only then you can find hidden treasure of your life.
 A life for which you are born and not living because you are born.

— Uzma Zoya, B082512, ME, E3



— B091932, Anjaneyulu. K, CE, E2

మేలుకో ఓ నవయువత..!

మేలుకో నవ యువత!
 తెలుసుకో నీ భవిత!
 రెప్పపాటు ఆనందాలు కావెప్పుడు శాశ్వతం
 శ్రమిస్తేనే దొరుకును నువ్వుమెచ్చిన జీవితం
 దుర్వ్యసనాలకు దూరంగా జీవించు
 సన్మార్గాన్ని సక్రమంగ పాటించు
 కాలం కలిసి కరుణిస్తుంది
 విజయం వెనక వరిస్తుంది
 తెలుసుకో నవ యువత!
 మార్పుకో నీ భవిత!

— Gangadher. B, B092751, CE, E2

THE MISTAKE

The life with **friendship**,
Is the floating ship in a **life river**.
The bond that made in **partnership**,
Gives other the **ownership**.
This unbreakable **relationship**,
Will lead to good **leadership**.
It is the implication of huge **worship**.
With the hope, I entered the **ship**
By enrolling the **membership**
I thought it gives the life of **seamanship**
And pleasure as **scholarship**
Further, winning the life's **championship**.
Meanwhile I went for **internship**
I got to know that I was in **Titanic ship**
— **G.Kashanna, B081311, ME, E3**

విద్య

ఓ దివ్యమైన తపస్సు
పెంచును నీ తేజస్సు
వచ్చును ఎనలేని యశస్సు
వృద్ధి పొందును మేధస్సు
నీకు చూపించును ఉషస్సు
నీ దరిచేరనీయదు తపస్సు
అయినా ఒదిగి ఉంచు నీ శిరస్సు
ఇది ఎన్నటికీ తరగని నీ వర్చస్సు.

మరణం ఎందుకు

సుడిగుండంలో నీటి వలయాలెందుకు,
సూర్యుని వేడికి కాంతి కిరణాలెందుకు,
గాలివానలో ఉరుములెందుకు,
గడిచే రోజులకు కాలమెందుకు,
మనిషికి ఇన్ని ఆశలెందుకు,
బ్రతుకు బడిలో బాధలెందుకు,
జీవిస్తూ ఉన్నా మరణం ఎందుకు.

— **Rudra Swapna, B111137, P2**

One Thing

The thought is revolving around my eyes
It is complicated but very nice
Only one sentence now modifies
One idea can change your life.....
Is it correct can you tell me guys?
One idea can change your life.....
Consider any field look in twice
Now these changes have been arises
Bcz of Raj Reddy (sir) got idea very nice
RGU students have been classified

We are the proprietor of our life
Be careful O my guys.....
Now let us go to arise and arise
One idea can change your life..
Confine your self don't be conflict
Help to others don't do contradict
Have a vehement to do some fine
Which will become our symbol and sign

Many days after it came to arise
One poem also can change your life
IIT says now Twice & Thrice
Once Laptop can change your life
Everyone nowadays gives one advice
Don't take slippers bigger in size....
Select proper slipper you otherwise
One slipper also can change your life

— **Jaweed Akhtar, B082832, ECE**

నడిపించేవాడా? నడిచేవాడా??

ఎవడు నాయకుడు
ఎవడు నాయకుడు
అసలు నాయకుడెవడు
కొసరి నాయకుడెవడు
అలుపెరగని నాయకుడెవడు
భూదేవినిమించిన ఓర్పు సహనం కలవాడు
రాముడిని మించిన ఆలోచనకలవాడు
ఏసుని మించిన శాంతికలవాడు
అల్లాను మించిన పవిత్రతగలవాడు
గొడవలు పెట్టేవాడు కాదు !
గొడవలు పరిష్కరించేవాడు!!
సార్థ్యం లేనివాడు
నిస్వార్థుడు!!
పదవుల కొరకు ప్రాకులాడేవాడుకాదు!
భాద్యతల విలువ తెలిసినవాడు!!
గర్జించేవాడే నాయకుడా?
గ్రహించేవాడు నాయకుడా?
నాయకుడనే తెరవెనుక కుళ్ళు, కుతంత, ఈర్ష్య ద్వేషాలేనా?
నాయకుడనే మనసు తెరలో వ్యక్తి నిర్మాణం!
నాయకు డై న ప్రజల చేతిలోనే శక్తి నిర్మాణం
నటించి నమ్మించే వాడు కాదు,
సమాజపు బ్రతుకులు పరించే వాడు!
“నా” అనే స్వార్థం గలవాడు నాయకుడా?
“మనం అనే మనస్థత్వం గలవాడు నాయకుడా?
చేస్తాను కాదు!చేద్దాం అనేవాడు!!
చైతన్య మూర్తి , అలుపెరగని స్ఫూర్తి
సకల సంశయాల తీర్పు -నవనూతనమార్పు
అధికారంతో మాత్రమే సాధ్యం అనేవాడు నాయకుడా?
ఆలోచనతో ఐకమత్యంతో సాధ్యమనేవాడు!!
“ఎదురించేవాడు నాయకుడేకాని!
ఎదిగేందుకు ఎదురించేవాడు” కాదు
ఒదిగుండి పదిమందితో ఎదిరించేవాడు”!!
మదిమెచ్చే నాయకుడు పదిమందిమెచ్చే నాయకుడు
అతనే మొదటి వినాయకుడు ప్రథముడు

— **Paramathma. G, B092860, E2**

“My Friend”

One day I'm crying
Crying and Praying
To God....to ply
Me a sidekick to fly
Away from this “foxy” world

From so many days
I don't have a beaut
To have a beautiful affection with my heart

But still
I'm waiting in my home of loneliness
And still am wondering for my soul mate

Suddenly
One beautiful night
I met a bright golden angel
Standing in front of me
To wish me for getting “seat” in “RGUKT”
But I don't know that angel had come for me only
Really in my first meeting only, I mesmerized by her

She had showered her selfless love on me
And learnt me so many things
To live happily in this foxy world
She loved me a lot
Her affection, her love
Made me to do anything for her

In her world
Everyday is colorful like a rainbow
Every moment is very enjoyable
I like her “presence”
I love her “essence”

I forgot crying in her smart lovely world
Now am not alone
My heart plays with her soul
My eyes talks with her thoughts

Now also am praying
To GOD for giving this lovely angel as my partner
And also praying for not to take her away from me

I want her and
I need her presence
Always with me

A Beautiful day has come to express my feelings to her
To convey my hearty wishes to her

Darling...
U r my love
U r my life
The thing which I want to say is
“U r everything to me”

— Shirisha. P, B081667, MME, E3

మాతృమూర్తి — మొదటి గురువు

అమ్మ మనకు రూపాన్నిచ్చిన అమృతమూర్తి. ఈ భూమి పైన అమృతముందో లేదో చెప్పలేము కానీ అమృతమనే మాటకు ఇక్కడ ఆదర్శమైన పాత్ర అమ్మదే... ఆకలేసిన, ఆనందం వేసిన, దిగులేసినా, దుఃఖం వేసినా, పిల్లల కైనా, పిల్లలను కన్న తల్లిదండ్రులకైనా గుర్తొచ్చే పదం అమ్మ. తన కడుపు మాడ్చుకొని పిల్లల కడుపు కోసం ఆరాటపడే అమృత మూర్తి అమ్మ. ఇందుకు మనం ఒక కథ చెప్పుకుందామా.....

స్వర్గంలో ఒక ఆసక్తికరమైన సంభాషణ జరుగుతుంది. అప్పుడే ప్రాణం పోసుకున్న ఒక చిన్నారి పాప భగవంతుడిని ఇలా అడుగుతుంది. "నన్ను రేపు భూమి మీదకు పంపిస్తున్నావటా.... ఇంత చిన్న దానిని, నిస్సహాయురాలిని, అక్కడకు వెళ్లి నేను ఎలా జీవించగలను..". దానికి భగవంతుడు చిరునవ్వుతో "నీ కోసం భూమి మీద నీ దేవత ఎదురుచూస్తుంది. ఆమె నీ యోగక్షేమాలు చూసుకుంటుంది." మరి నాకు అక్కడ భాష తెలియదు, ఏమైనా ఆపద వస్తే ఎవరు రక్షిస్తారు?" అది ఏమి లేదు తల్లీ....నీ భాష అర్థం అయినా కాకపోయినా నీ దేవత అన్నీ చూసుకుంటుంది" అని దేవుడు సమాధానం ఇచ్చాడట ..

ఆ దేవత ఎవరు అనుకుంటున్నారు... మన ముందు ఎంతో

కష్టపడుతూ, మన సుఖాన్ని కోరుకునే మన అమ్మ.....

“పది మంది అధ్యాపకుల కంటే ఒక ఆచార్యుడు మిన్న. నూరుగురు ఆచార్యుల కంటే తండ్రి మిన్న. అటు వంటి వెయ్యి మంది తండ్రుల కంటే తల్లి మిన్న. కాబట్టి తల్లిని ప్రథమ గురువు అన్నారు. అందరి కంటే మిన్నగా గౌరవించ గలిగేది అమ్మయే.”

ప్రతి స్త్రీ ఒకరికి అమ్మయే, ప్రతి అధ్యాపకురాలు ఒక అమ్మయే. ప్రతి తండ్రికి ఒక తల్లి వుంటుంది. ఆరోగ్యకరమైన గృహ వాతావరణములో స్థిరమైన సంకల్పముతో చదువు సాగడానికి తల్లి పాత్ర అసామాన్యము.

"చదువు అంటే ఒక పోసి ఎత్తుకోవడమే".

చదువు కోసము ఎంత ఖర్చు పెట్టిన తిరిగి వస్తుందేమో కాని "అమ్మలేని బాల్యము, జీవితము ఎప్పటికీ తిరిగి రాదు". అది చాలా బాధాకరమైన పరిస్థితి. అమ్మలేని వారికి మంచి ఓదార్పు, సలహాలు ఇచ్చే వారు ఖచ్చితంగా ఉండాలి. అప్పుడే వాళ్లు ఒక మంచి మార్గాన్ని ఎంచుకోగలరు.

"నాస్తి మాత్యం సమం దైవం" - అమ్మ దేవుడితో సమానము

— Samatha. D, B101741, E1

అదిగదిగో యుద్ధభేరి

మంచుపుటల సంద్రాన
పరవళ్ళ పల్లకిన నిలిచిన
ఓ మణిమాణిక్యాలు ఎండైనా -వైనైనా
రేయైనా -పగలైనా దేశ రక్ష బాధ్యతగా
నిలిచిన ఓ ప్రాణ త్యాగ మూర్తులారా
పువ్వుకు రక్షక పత్రాల వలె
దేశ రక్ష మీ కర్తవ్యంగా వెలచిన
ఓ ధైర్య సాహస సిద్ధులు
అదిగో అదిగదిగో యుద్ధ భేరి
మ్రోగినది గర్జిస్తూ సింహం వలె
శత్రువుపై దూకినట్టి బహుప్రచండ వీరులు
చెయ్యి విరిగినా, గుండు దూసుకెళ్ళినా
సెలయేరులై మీ రక్షం ఉద్యతంగ పారినా
కన్న తల్లి ప్రేగు నుండి శత్రువుల గుండెల్ని
చీల్చి నట్టి ఓ ఉగ్రరూప నరసింహులు
పట్టు విడువని మీ పోరు దేశానికి విజయకాంక్ష

— Nagendrababu. B, B101227, E1

ఒక కల

ఒక కల...అద్యుతమైన చిత్రాన్ని గీయాలని
ఆ చిత్రంలో జీవకళ ఉట్టిపడాలని!!
ఒక కల...మంచి కవిత వ్రాయాలని
నా భావాలన్నీ అందులో పొందుపరచాలని!!
ఒక కల...మధురమైన గేయం రచించాలని
ఆ పాటతో అందరూ పరవశించిపోవాలని!!
ఒక కల...ఎంతో ఉన్నతంగా జీవించాలని
నా జీవితం అందరికీ ఆదర్శం కావాలని!!
ఒక కల...అజ్ఞాతంగా అంతమై పోవాలని
అంతమై అందరిలో శాశ్వతంగా
నిలిచిపోవాలని!!

— Karthik Reddy. M, B101436, E1

ధనమే ఘనమా!

ధనం ధనం ధనం
మనిషి మనుగడకు ఇది ఎంతో ముఖ్యం
పచ్చని చెట్టు ఆరోగ్యానికి తొలిమెట్టు
పచ్చని నోటు మానవజీవనానికి ఆయువుపట్టు
సజ్జనునైనా ఖలున్ని చేసే
చలనమైనది ఈ నగదు
చేతుల నుంచి చేతుల మారే
ఖండం నుంచి ఖండం దాటే
ప్రతి దేశంలో పేరును మార్చే
ఊసరవెల్లి ఈ విత్తం
నోటుకట్టలకు ప్రాకులాటలు
జీవన గమనపు మృత్యులాటలు
ధనం తెచ్చును అహంకారము
దానితో జీవికి అంధకారము
పేదవాడికి ఆకలితీరటం కోసం
ధనవంతుడుకి ఘనత రావటం కోసం
ధనమే ఈ జగత్తుని పాలిస్తుంది
అసలు ధనం అంటూ లేకపోతే
పేద-ధనిక భేదం పోతే
స్వచ్ఛ మైన ఈ సమాజ మార్పు
మానవత్వానికి ఒక పూలపాన్ను

— Vijayalakshmi. G, B101301, E1

బార్డర్లో దేశం కోసం, దేశ ప్రజల కోసం

సైనికుడి పోరాటం

మంచుపుటల సంద్రాన
పరవళ్ళ పల్లకిన నిలిచిన
ఓ మణిమాణిక్యాలు ఎండైన వైనైన
రేయైన, పగలైన దేశ రక్ష బాధ్యతగా
నిలిచిన ఓ ప్రాణ త్యాగ మూర్తులు
పువ్వుకు రక్షక పత్రాల వలె
దేశ రక్ష మీ కర్తవ్యంగా వెలచిన
ఓ ధైర్య సాహస సిద్ధులు
అదిగో అదిగదిగో యుద్ధ భేరి
మ్రోగినది గర్జిస్తూ సింహం వలె
శత్రువుపై దూకినట్టి బహుప్రచండ వీరులు
చెయ్యి విరిగిన, గుండు దూసుకెళ్ళిన
సెలయేరులై మీ రక్షం ఉద్యతంగ పారిన
కన్న తల్లి ప్రేగు నుండి శత్రువుల గుండెల్ని
చీల్చి నట్టి ఓ ఉగ్రరూప నరసింహులు
పట్టు విడువని మీ పోరు దేశానికి విజయకాంక్ష
వందనం వందనం వందనం ...అభి వందనం

— Nagendrababu. B, B101227, E1



— Chandrakanth. U, B091102, ME

I can imagine the sea without water
I can imagine the rain without clouds
I can imagine the rainbow without colors
But
I can't imagine me without you....

Time will never wait for anyone
Night will never wait for the light
Sky will never wait for the moon
But
The victory will ever wait for the brilliant...

— Sai Sowjanya. P, B101216, E1

Mothers Love

Mother you filled my days with rainbow lights,
Fairytale and sweet dream lights,
A kiss to wipe away my tears,
Gingerbread to ease my fears.

You gave the gift of life to me,
And then in love, you set me free.
I thank you for your tender care,
For deep warm hugs and being there.
I hope that when you are think of me,
A part of you, you will always see.

— *Prasanna Kumar. B, B111118, P2*



Bhavani. K, B091845, ECE



Shiva Kumar. G, B082592, CE

THIS IS LIFE

Life is a play to a child
Life is love to a youngster
Life is sorrow to an oldman
Life is useless to a poorman
Life is enjoyment to a richman
Life is a lottery to a gambler
Life is money to a miser
Life is discovery to a scientist
Life is burden to the head of the family
Life is pious to a philosopher
Life is bliss to a saint
Life is sweet and favour
But life is short, Death is common to all
To a saint or a sinner

— *B101692, Akhila. T, E1*

జీవితము దేవుడిచ్చిన గొప్ప వరము

ఆ జీవితములో ఎదురైన నీ స్నేహ బంధము

ఆ బంధముతో కొనసాగిన మన అనుబంధము

ఆ అనుబంధము లో వెల్లువెరిసిన మన మధురానందము

అలా ముడిపడిపోయింది మన స్నేహ సంబంధము

ఇంతలోనే ఎగిసిపడిన విషాదము

చిన్నవయసులోనే ప్రాణాలను అర్పించిన నీ చిరు ప్రాయము

కానరాని లోకాలకు వెళ్ళిన నీ ప్రతిరూపము

తమాత్రాన తగ్గదు నీపై నా మమకారము

నీ స్నేహము మరువలేనిది

నీ నేస్తము వీడలేనిది

నీ చెలిమి మరణము లేనిది

నీ స్నేహము చిరస్మరనీయమైనది

ఈ కవిత నీకు అంకితము అందుకో మిత్రమా,

అపురూపమైన అనుబంధమా...!

— *Navya. D, B111158, P2*

Last Bencher

“Dedicated to all lastbenchers”

People always offends me, I don't know why!
Teachers interrogatively points me, I don't know why!
Invigilator's eagle eyes always on me, I don't know why!
I'm not a thief, not a terrorist, not a psycho, I'm just a backbencher...

I hardly hear my instructor voice like radio in no signal area
Like watching an award film with no subtitles and volume
If my friend cracked a joke I can't even laugh out
Coz of fear that, my teacher might say “GET OUT”

While front bench buddies can have a view of HD
Like an old film I can only glimpse, that's hardly 1D
Somebody told me that human eye is 120 Mega pixel
Why don't god gave a zooming option, at least for lastbenchers??

Questions are always asked, “the guy sitting at the back row, stand up”?
Heart will answer “Sirr! why are you asking me please give up, I'm fed up “but
I can't speak coz my heartbeat goes immensely up and mouth closely shuts down
Strangely real answer is every time a silence coz ‘silence speaks a lot!;-)

Whatever might be the circumstance
Lastbencher can observe every instance
I may not be active in class play
But I know everyone's SCREENplay;-)

Unfortunately I became a lastbencher and
Now willingly wanted to be a backbencher
Coz I'm truly, madly, deeply in love with back row and
Inspired by quote saying “Last but not least”

— *Rashimi Mayur. K, B081017, CSE, E3*



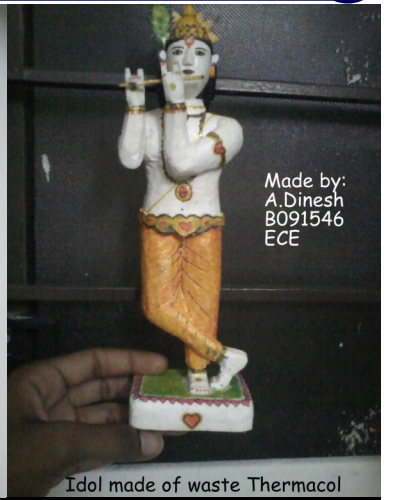
— Padma. P, B083073, ECE, E3



— Sri Latha. N, B081860, ME



— Yamuna. P, B081246, MME



Idol made of waste Thermacol

— Dinesh. A, B091546, ECE

The story which inspired me, hurt me and made me realize a lot...

I saw a person when I was in the 9th class. He was very old man. I don't know his name, but I understood that he had no patience even to walk. I went to him and asked his details. He told me that he is alone. I asked, "Don't you have family and relations?" He replied, "I have, but I am alone". I asked him "Why?" Then he told his story...

"From childhood onwards, I am alone. I don't have mother and father. They left me when I was a child. Everyone used to laugh at me. Then I decided to do something. By strong determination and hard work, I have achieved my goals. To give best future for my kids, I have worked very hard and at last I have succeeded in all. I felt very happy at that time. But when I am 45, I got a disease has spread all over my body. When I was turning to be 50 or 55, that disease created wounds all over body. It was very painful. At that time, my family members, even my wife started hating me. They

locked me in a room. They haven't given me proper food. But I never felt sad because, I thought that they are my family. But they completely neglected me as the time progressed and on one fine day, they have thrown me out like a tin can. That's why I said that I was alone. I started my journey again. Now, I became very old. I don't even have patience to walk.

After listening to his story, I joined him in an old age home with the help of my father. I felt very bad with his story. I know only one person's story. I don't know how many are suffering from this. Then I have decided that I have to do something for them. But I am not in an age to do something for them. "What I have to do for them?", I asked my father. He told me, "You are just growing up kid. If u are good at studies, you get good position and you will be having money to do what ever you want."

I don't know in what way and at what time I'll achieve but I'll definitely achieve it on one day.

— Divya, B083222, MME, E3

విన్నపం

ఓ మిత్రులారా! సమస్త లోకావనికి నా నమస్కారాలు. నేను మీకు చాలా బాగా తెలుసు. నా పేరు అణు బాంబు. నన్ను తయారు చేసింది మీరే, నన్ను ఉపయోగించుకుని నాశనమవుతున్నది మీరే. నా వల్ల ఒక్క మానవ జాతికే కాకుండా ఎన్నో ప్రాణులకు, చివరికి మొత్తం ప్రాణకోటికీ ఆశ్రయమిచ్చి, జీవించే వాతావరణాన్ని కల్పించిన భూమికి హాని కలుగుతుంది. అమ్మతనానికి ఆయువు పట్టులాంటి ఈ అవని అల్లకల్లోలం అవుతోంది. తెలికుండానే నాకు పాపాన్ని అంటగడుతున్నారు. మొదట నన్ను సృష్టించినపుడు మానవున్ని దేవుడు అనుకున్నాను, కాని మిగతా ప్రాణులను హరించే పోస్టులో నియమించడానికని తెలిసి బ్రతకాలనిపించడంలేదు.

మొదట నన్ను రెండవ ప్రపంచ యుద్ధంలో ఉపయోగించినపుడు నా వల్ల ఎంతో ప్రాణ నష్టం, ధన నష్టమే కాకుండా జపాన్ లోని హిరోషిమా మరియు నాగసాకిలో ఒక్క మొక్క కూడా మొలవడానికి అవకాశం లేనంతగా నాశనం జరిగింది. అప్పటి నుండి పలుమార్లు జరిగిన యుద్ధాలలో నా విశ్వ రూపాలను, శక్తిని మెరుగుపరుస్తూనే ఉన్నారు. అంతే కాకుండా 2009 లో తాజ్

హోటల్ మరణకాండలో ఎందరో అమాయకులు వారి ప్రాణాలు కోల్పోయారు. సస్యశ్యామలమైన మన భారతావనిలో శాంతిభద్రతలు కరువయ్యాయి.

ఇంకా ఒకవేల మూడవ ప్రపంచ యుద్ధం కాని సంభవిస్తే, అందులో గనక నన్ను ఉపయోగించినట్లయితే, భూమి మరియు అనంత కోటి జీవరాశుల రూపురేఖలు మారిపోతాయి. అప్పుడు నా నుండి విడులయ్యే శక్తికి తట్టుకుని జీవి ఉండడం అసాధ్యం. ఈ ప్రభావం మేపైనే కాకుండా మీ భవిష్యత్తు మీద కూడా చూపిస్తుంది. మీ టెక్నాలజీని భవిష్యత్తు తరాలను దృష్టిలో పెట్టుకుని కొత్త వాటికి ప్రాణం పోయింది. నా విన్నపం మన్నించి నన్ను ఇలా క్రూరమైన పనులకు కాకుండా, కరువు పరిస్థితుల్లో మంచి డైనమిక్ శక్తిని ఉత్పత్తి చేయడానికి ఉపయోగించండి. నేను రాసుకున్న ఈ చరిత్రతో మానవ సమాజం మారుతుందని ఆశిస్తూ...

మీ అణు బాంబు, అందరికీ ధన్యవాదాలు.

— Renuka. B, B101403, E1



Polluting Our Sacred Source- Sun: Pity to see this rare picture right!!! But it is true. The smoke of our human factories and trains is even polluting our great source of living, Sun. Human Beings turning it into red angry sphere of fire indicating something bad ahead.



Have You Seen These Creatures in IIITB



Photography: Mr. S.B. Lokesh, Faculty in Dept. of ECE



Dazzling Deer's enjoying in the fascinating fields making a captivating clip for us.



Photography: Mr. S.B. Lokesh, Faculty in Dept. of ECE



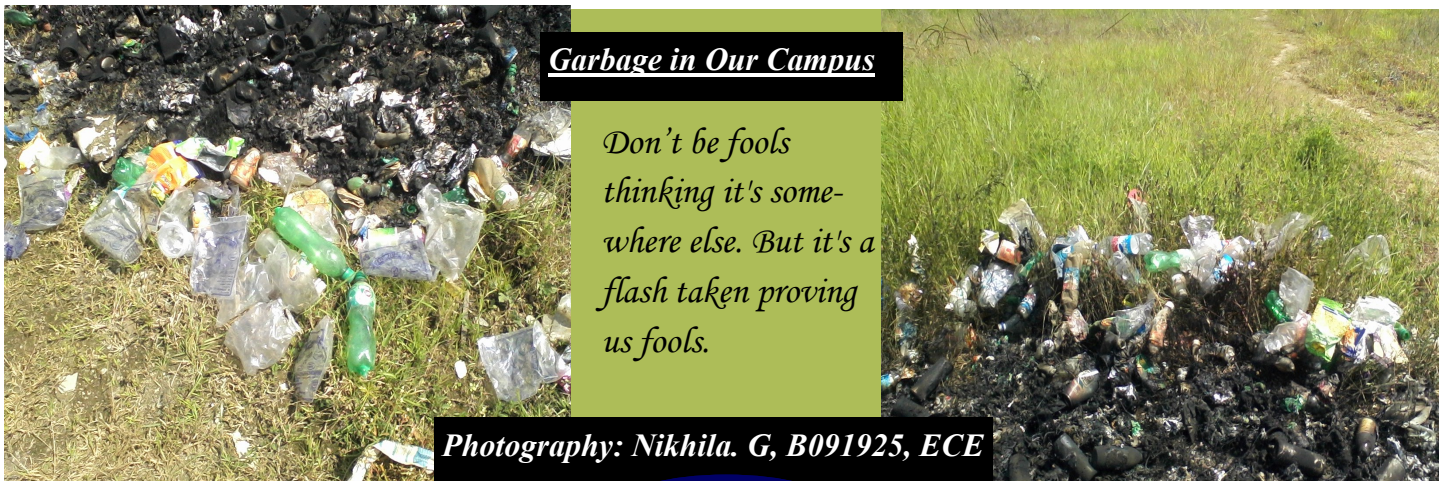
Scene saying, "Bye, Bye" to solar light and "Hi, Hi" to electric light.



Delighted Na!!! Both Full Moon and Scorching Sun at a time



Photography: Mr. S.B. Lokesh, Faculty in Dept. of ECE



Garbage in Our Campus

Don't be fools thinking it's somewhere else. But it's a flash taken proving us fools.

Photography: Nikhila. G, B091925, ECE



Pen Out Your Views...

“The Student' magazine is simply superb. Motto of 'The Student' is awesome. I congratulate all the editorial team members for their efforts.”

— *M. Sahaja, B082162, MME*

“First of all, I'm congratulating the editorial team for doing this great job and for successfully running this magazine. But, I am very sad to say that there are some mistakes in our mother tongue script. In the Art section as well as Telugu script section, there are some spelling mistakes. In order to avoid mistakes, it is better to edit each and every line of the poem or poetry before publishing, though the writers give them with some errors.”

— *M. Bhiksham, B083039, ECE*

“I would like to tell you one thing, i.e., there are some spelling mistakes in Telugu articles. Please don't repeat this again. In Silly Points, it is mentioned that "Hen cannot shout (cluck) without raising it's nest completely." But, that is not hen. It should be Cock. Anyway, this is a wonderful idea of IIT Basar students, thanks a lot to the editors.”

— *Pandu, B111924, P-2*

“I want to say one thing. Students have the knowledge which is of no use but you are extracting knowledge from the students which will be used further in their future, by organizing this kind of things. We can improve the abilities and knowledge. Keep continuing. Thank You.”

— *Madhava Rao, B081501, CE*

“I want to say one thing, i.e., the magazine is fine, but don't neglect, from now onwards, some jokes on campus. Add some jokes on campus.”

— *Mamatha. E, B081648, MME*

“I liked the magazine.”

— *Ch. Sai Sushmitha, B111034, P-2*

“Congrats for running the magazine successfully.”

— *G. Raju, B082443, CE*

“I am very proud of your thoughts, because finding the talented friends within us. This e-magazine is playing the major role.”

— *Sharan.G, B083200, ME*

“It is very good writing this magazine because every student knows exactly what is going in our campus.”

— *Anusha. S, B082102, CE*

“The magazine is very interesting, colorful and informative regarding our campus issues.”

— *Anusha. D, B091011, ECE*

The Student

Hi Friends!!! I am “The Student”, your friend. I am one of the many evaporated ideas developed by the students of IIITB. I took my birth in a casual chat between some naughty friends. I am being published with a mission to inculcate awareness about everything, to everyone. The main reason behind my origin is to invite direct articles from the students, academic and non-academic staff, so that they could be read by many and inspire or change others. Speaking frankly, I am being published with a motto to make IIIT's more sophisticated than IIT's, because internal campus magazines played a great role in molding them. I am different from other campus magazines because I am in a very initial stage. It will take some time and space to cover only college issues. Hence I was started with general issues. My sincere advice to you is that, after going through me, you should not confine yourself to just reading, but for the proper implementation of all the ideas. Then I'll be very happy. Hope this mission would succeed.

My Objectives:-

- ⇒ To plough and extract the already existing creativity among the students.
- ⇒ To develop analytical, thinking and writing skills.
- ⇒ To create research oriented minds.
- ⇒ To bring awareness about what's going in and around our campus.

My Guidelines for YOU to write articles:-

- ⇒ There are no restrictions for writing articles. It is not necessary that the articles are related to particular field.
- ⇒ Articles related to our campus are given more preference.
- ⇒ Articles concerning current issues are given more preference. (Ex.: Choosing breadths, Anna Hazare, World Economic Blackout, etc.)

Current Fields:-

- | | |
|-------------------------|----------------------|
| ▶ On Campus | ▶ E- Tech |
| ▶ Editorial | ▶ Education |
| ▶ Quick Take | ▶ Leisure Page |
| ▶ Language & Literature | ▶ Environment |
| ▶ Science Updates | ▶ 'The Student' Art |
| ▶ Technology | ▶ Sports |
| ▶ How Things Work? | ▶ Career & Guidance |
| ▶ Mathemagic | ▶ How It Originated? |
| ▶ Silly Point | ▶ Miscellaneous |

Send in your articles, reports, essays, photographs, poetry, cartoons, short stories, humorous content, paintings or anything else that you would like to be portrayed through me to editor.thestudent@gmail.com (or) b083290@bas.rgukt.in Mail me to the same address if you want to join me. I would like to know more about what my readers think and expect from me. Please feel free to chip in with your queries, complaints, compliments, suggestions or any other feedback. Write to me at the same mail ids. Healthy criticism is highly appreciated.

Engineering - III Year (2008 Batch)

SNo.	ID. No.	Name	Dept.
1	B081017	K. Rashmi Mayur	CSE
2	B081041	D. Vinay Kumar	CSE
3	B081074	Praveen Kumar	ECE
4	B081086	S. Preetham Kumar	CSE
5	B081195	G. Suresh	ECE
6	B081206	B. Pavanchandu	ME
7	B081208	K. Amulya Deepthi	ECE
8	B081209	P. Radhika	ME
9	B081707	B. Amarender	ECE
10	B081820	K. Karunanidhi	CE
11	B081860	N. Sri Latha	ME
12	B082031	B. Mallikarjun	ME
13	B082038	Venkata Krishna	ME
14	B082057	B. Sri Latha	ECE
15	B082085	Shiva Kumar	ECE
16	B082145	V. Sudhakar Naik	ECE
17	B082153	A. Jyothi	ECE
18	B082161	S. Naga Sahitya	ECE
19	B082171	M. Soumya	ECE
20	B082285	A. Naresh	ECE
21	B082295	D. Rajashekara Chary	ECE
22	B082340	N. Srikanth	ECE
23	B082346	N. Swamy	ECE
24	B082443	G. Raju	CE
25	B082459	B. Nagamani	ECE
26	B082598	V. Balaram Naik	ECE
27	B082600	M. Sai Krishna	ECE
28	B082638	P. Chinna	Ch.E
29	B082832	Jawed Akthar	ECE
30	B082942	B. Mounika	ME
31	B083039	M. Bhiksham	ECE
32	B083048	K. Rajesh	ECE
33	B083104	Padma Sri	CSE
34	B083105	Devi	CSE
35	B083133	V. Suryam	ECE
36	B083147	P. Ganga Sagar	ECE
37	B083152	B. Manisha	CSE
38	B083154	P. Sri Latha	ECE
39	B083241	M. Anurag Srivathsav	CE
40	B083245	R. Sandeep	CSE
41	B083280	A. Ravi Kumar	ME
42	B083281	T. Vamshi Krishna	ECE
43	B083285	G. Raghava Reddy	ECE
44	B083288	P. Venkat Reddy	ECE
45	B083290	M. Raja Harish Kumar	ECE
46	B083293	D. Sai Kiran	ECE
47	B083296	Syed Nayyaroddeen	CSE

Engineering - II Year (2009 Batch)

SNo.	ID. No.	Name	Dept.
1	B091003	D. Sunitha	ECE
2	B091011	D. Anusha	ECE
3	B091025	G. Nikhila	ECE
4	B091033	B. Sharada Chowdary	CE
5	B091038	M. Shruthi	ECE
6	B091102	U. Chandrakanth	ME
7	B091146	M. Sravani	ME

8	B091193	K. Priyanka	MME
9	B091295	Sk. Minhaj	CSE
10	B091386	Ch. Krishna Sai	CSE
11	B091395	N. Shiva	ECE
12	B091408	M. Ramya Deepika	ME
13	B091415	G. Vamshi Krishna	CSE
14	B091439	G. Ravi Teja	CE
15	B091448	M. Sajida	CSE
16	B091450	P. Moulik Reddy	ECE
17	B091546	A. Dinesh	ECE
18	B091845	K. Bhavani Shekhar	ECE
19	B092008	K. Shashank	CSE
20	B092179	K. Sai Varun	ECE
21	B092219	T. Roja	ECE
22	B092275	P. Sravan Kumar	ME
23	B092591	U. Sandeep Kumar	ECE
24	B092631	V. Vishal	ECE
25	B092734	TLP. Vinaya Vardhini	MME
26	B092847	T. Karthik Reddy	MME
27	B092882	T. Vijay Kumar	ECE
28	B092928	P. Raghav	CE
29	B092930	K. Sai Vikas	ECE
30	B092948	P. Phaneendra	ME
31	B092949	K. Shiva Ram Reddy	CSE
32	B092952	N. Surya Teja Reddy	CSE
33	B092980	M. Sudheer	CSE
34	B092994	T. Priyanka	CSE
35	B093007	B. Sahithinanda	CSE

Engineering - I Year (2010 Batch)

SNo.	ID. No.	Name
1	B101227	B. Nagendra Babu
2	B101440	A. Alekhya
3	B101521	G. Ramesh
4	B101703	D. Sravani
5	B101746	A. Amani
6	B101747	K. Sheetal
7	B101748	B. Vaishnavi
8	B101773	Preethi Rathod
9	B101935	Ch. Ramya
10	B101970	Sindhu Rathod

PUC - II Year (2011 Batch)

S.No.	ID. No.	Name
1	B110179	P. Bala Deepika
2	B111005	Shazal Afraaz
3	B111034	Ch. Sai Sushmitha
4	B111255	B. Ramesh Naik
5	B111611	B. Raja Shekhar

PUC - I Year (2012 Batch)

S.No	ID. No.	Name
1	B121002	K. Srujana
2	B121003	G. Navya
3	B121006	Sk. Manisha Banu
4	B121007	Pallavi
5	B121107	V. Vamshi Chaitanya
6	B121526	V. Rakesh