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INGEGNERIA: Celebration of Engineers' Day



The Department of Computer Engineering at Indus University celebrated the Engineers Day on 15th September'15 with range of events titled INGEGERIA. This tribute to Dr.Visvervaraya was witnessed by nearly 400 students. The Guest of Honor was Prof. J. D. Vyas, Principal (Training Centre) Electrotherm, and the Chief Guest was Dr. Binod Agrawal, Ex.Director MICA and an Advisor at ISRO, who enlightened students with their quintessential talk on this important day. The highlight of the day was a motivational speech by Dr. Sneh Desai, an expert on motivation and inspirational talks. In his commentary he highlighted certain challenges to be overcome by students at this age.

The competitions included Web Design, Smart Search, Thought Structure, Treasure Hunt, Sketch the Scientist, Logo Design and Latex Workshop. Alongside Indus Photography club put up an exhibition to display their art of photography. Different number of participation in each event resulted in a gala event on the Engineers' Day. The winners were felicitated with prizes in the valedictory function including a finale skit on 'Life Journey of An Engineer' enacted by the third year computer engineering students for their brethren and a short documentary on the greatest Indian Engineer Bharat Ratna Dr. Visvesvaraya.

Training Program on Hydraulic Principles for the employees of ELECTROTHERM (india) Dept. of Mechanical Engg.



GROUP PHOTOGRAPH - TRAINING PROGRAM - BASICS OF HYDRAULIC (THEORY) (20/08/2015 to 21/08/2015)

(In Chair - L to R) - (1) Mr. Keval Patel (2) Mr. Ravikant Chauhan (3) Mr. Rameshchandra Patel (4) Mr. J. D. Vyas (5) Dr. Prof. A. M. Bisen (6) Prof. Bansi D. Raja (7) Mr. N. Rama Mohan Rao (8) Mr. Cheng J. Patel
(Standing - L to R) - (1) Mr. Ashok Upadhyay (2) Mr. Anil Sonpal (3) Mr. Robert Parvaz (4) Mr. Gaudan Varma (5) Mr. Mayank Patel (6) Mr. Vinay Patel (7) Pratik Patel (8) Mr. Rohan Patel (9) Mr. Rohan Chavla

A Two day Training program on 'Hydraulics & its application to the industries' for Senior Engineers of Electrotherm Engineers (India) had been arranged at Electrotherm Technical Training and Development Centre to explore theoretical fundamentals of hydraulics. On the first day 20th Aug 2015, the expert lecture was delivered by Prof. Bansi D Raja, Asst. Prof., IU on 'Basics of Hydraulics'. On the second day 21st Aug, 2015, Dr. A M Bisen, Prof & HOD, Mechanical Engineering Department, delivered a talk on 'Application of Hydraulics'. The program was coordinated by Dr. J D Vyas & Mr. Ashok Upadhyay, Electrotherm Technical Training and Development Centre. ■

Motivating Expert Lecture on Research for Faculty Dept. of Mechanical Engg.

On 28th August, 2015, Dr. A M Bisen, HOD ME Dept., IU, arranged a motivation and research guidance session to promote research activity in Mechanical Department. Dr. V K Bhatt gave an expert lecture on research initiation. ■

He explained research methodology on how to write a technical paper, stepwise procedure to initiate research activity for faculty. He motivated colleges to start Ph.D. by enlisting its benefits to self and society. He shared his views and experience regarding research work. ■

Expert lecture: Induction Melting Furnace Dept. of Mechanical Engg.

An Expert Lecture on 'Induction Melting Furnace' was arranged on 3rd September 2015, for Mechanical Engineering Students. Mr. Ashok Upadhyay from Electrotherm Engineers delivered the session for the students of pre-final and final year Mechanical Engineering. Prof. Bansi Raja coordinated the entire program. Through this program students understood the application of theoretical concepts & real time application. ■



Workshop on Energy Conservation & Student Awareness

Energy Conservation is unquestionably of great importance to all of us. Since energy supplies are limited, we must find ways to use energy wisely. ■



Looking at this aspect, Mechanical Engineering department, Indus University had organized 'One Day Energy Conservation Awareness Workshop' for pre-final and final Year engineering students of the department on 8th September, 2015. In the first session Dr. B. N. Raval (Energy Auditor, GEDA) gave brief idea on the need for energy conservation and in the second session Dr. B. G. Desai (Professor emeritus, IIT Bombay) had explained about energy conservation in mechanical systems and its impact on electricity consumptions. This workshop was assisted by GEDA in promotion to energy conservation. Dr. A M Bisen, The Head of Mechanical department inaugurated the workshop and boosted the enthusiasm of the students. Prof. Darshan A Bhatt hosted the seminar gracefully. Prof. Bansi Raja coordinated the workshop. Prof. Keval Patel concluded the seminar by delivering vote of thanks to the speakers and the entire team. ■

IAEA: Seminar with Bacha Motors

Indus Automobile Engineering Association organized a seminar with BACHA MOTORS PVT. LTD. located near Sanand. The seminar was held on 20th August 2015 in the University Campus. Mr. Kamai Bacha, co-owner of Bacha motors; Mr. Akshay Varma, Customer Support Manager of TATA Motors; Mrs. Ekta, Head of H.R. Department were the invitees. They enlightened students about their career and working of different departments like R&D, Marketing, Manufacturing and Human Resource. Mr. Akshay Varma briefed about selection of career in focus to the department one can be placed along with the details of 'How an Automobile Industry functions?'. He explained the working of an engine which was brought by Bacha Motors in the Mobile Van. More than 90 students from different semesters of Automobile Department participated in the seminar. ■



AIMES: 'Welcome to Freshers'

The Association of Indus Metallurgical & Materials Engineering Students (AIMES) organized a programme "Welcoming the Freshers" on 10th September, 2015 in the university auditorium. Mr. Sanjay Desai, Director & CEO of RBD Engineers Pvt. Ltd, Ahmedabad graced the occasion as the Chief Guest. Mr. Manish Mehta, an alumnus of the Department, presently a Manager in Anup Engineering, Ahmedabad was invited to share a part of his experience as a welding engineer.

The Chief Guest, Mr. Sanjay Desai presented an optimistic view of future prospects of Metal Casting Industry in India & urged the students to gather hands on experience in foundry industry & IFTARC during their studentship & later, opt for a challenging career in a green & clean Metal Casting or allied Industry. Mr. Manish Mehta opined in his speech that working wholeheartedly is a way to success. "Faculty members in the department are the source of inspiration in this direction"- he said. Prof. D. K. Basa & Dr. S. K. Chuadhury also spoke on the occasion & wished meaningful academic life in campus to all the freshers. The freshers, namely, the students of 1st sem. & 3rd sem. & the 1st sem., M.Tech. Class were accorded a warm welcome to the Department by one & all including the Executive Committee of AIMES. The event ended with a light of entertainment programme performed by the students. ■



Preliminary Aptitude Test in Engineering (PATE) for Final Year Students

Dept. of Mechanical Engg.

For final year students of Mechanical Engineering Department, an offline exam 'PATE' had been conducted to impart awareness regarding the aptitude test for recruitment and placement on 11th September, 2015. The test was of 140 marks consisting of three sections; Technical Aptitude, Quantitative aptitude and Engineering Mathematics. The activity was organized and coordinated by Prof. Piyush Surani. ■

Vishwakarma Puja

Dept. of Mechanical Engg.

On 19th Sept. 2015 Mechanical Engineering Department organized Vishwakarma Puja at the Mechanical Workshop. Vishwakarma Temple was built up by the lab assistants of Mechanical Engineering Department. The Executive President, Director (Academic), Joint Registrar, Coordinator & Administrator, HOD's of different departments and faculty members from the university graced the event and sought blessings. The event was coordinated by Prof. Darshan K Bhatt. ■



IMEA: Poster Presentation Competition

Indus Mechanical Engineering Association had organized a poster presentation competition on 12th September 2015 at Indus University Campus. The Competition was open for the students of Automobile & Mechanical Dept. 'Engineering Wonders' was the theme, which attracted a lot of students. The Presentation was judged by a panel of senior faculties, **Prof. Mudit Saxena & Prof. Amol Bagesar** of Mechanical Department. The poster that was adjudged as the best concentrated on '*Wrist Watch Mechanism*', a complex but accurately engineered mechanism. The wrist watch, which we utilise for the most part of the day, with a very little awareness about the mechanism, was brought to light by a group of 7th Semester students. A group of 3rd Semester students, highlighted the '*Geneva Mechanism*', a mechanism on which the second hand of a wrist watch functions & was declared as Runners Up. The event ended with **Dr. A.M. Bisen** awarding the students. ■



IMEA: I-Quiz

'Think in a blink', was the tagline that interestingly describes I – Quiz organized by Indus Mechanical Engineering Association on 12th September, 2015 at the Indus University Campus. The quiz was well diversified in three rounds – **A Written Test, A Buzzer Round & A Surprised Round**, which was later revealed as **A Three Minute Round**. The students of 1st, 2nd year & 3rd, 4th year were tested individually by preparing two sets of question papers for the Written Test. The top 18 students were promoted to the second round, where a nail biting competition took place between 6 groups, each containing 3 members. The top two teams qualified for the third round, which was revealed to the candidates at that moment. It not only tested the candidate's GK & Aptitude individually, but also presence of mind as they were asked to answer maximum questions within an allotted time of 2 minutes. It accomplished its mission of exploring new horizons of wisdom. ■



V-care: A CSR initiative by AIMS



AIMS (Association of Indus Management Students) under the banner of *V-care* held a CSR initiative on 14th September `2015. The launch programme of *V-care* by the IIMS students embodied the theme of *Education, Cleanliness and Health*. The programme was held for the students of Std. 5th ,6th and 7th of the Gramin school of Palodiya, in the vicinity of Indus University. In total 32 student and 2 teachers attended the programme and were enthralled by the management students' initiative in organizing the programme.

The programme started with a prayer song to mark the auspicious beginning. The skit and the videos on the theme of *swatchhata* and *education* were well received by the school student and they further applauded as the comperes made it more interactive and interesting, as they asked questions and initiated them to participate. The students played games and the winners were given prizes.

The programme ended with a general health checkup of all the

students and the teachers by the doctors of Gujarat Cancer Society. They advised them for keeping good health and gave them medicines and vitamins.

The initiative was appreciated by one and all and it marked as a small step towards a new beginning to reach out to our host community. The programme was organized by faculty coordinator Prof. Garima Mishra, AIMS President Kush Patel and other student members. ■



IDEA: Monsoon Workshop Week

Institute of Design, Environment and Architecture (IDEA), Indus University, has hosted the Monsoon Workshop Week '**IN-US '15**' from 7th September 2015 to 13th September 2015. This workshop was an extension of the ideology of Indus University to promote learning away from the routine of classroom environment.

The week saw students participating in various modules of creative, technical and hands on activities like 3D modelling, Architectural Photography, Origami, Exploration with Paper, Tribal Art - Mud and Mirror and



Sculptural Fibre Casting.

These workshops saw students grow not only as individuals but also as collaborators within teams. The institute's objective for conducting such workshop week was to boost student interaction across disciplines, generate opportunity for students to express themselves using different mediums and provide them platforms to apply their academic learning and make education a holistic experience.

The works of students during the workshop were exhibited on 15th and 16th September, 2015 which was open for all. ■



i-EESA: Expert Lecture on 'Switch Gear & Protection'



An expert lecture based on **Industrial orientation** "Switchgear & Protection" was organised by Indus Electrical Engineering Student Association (i-EESA) on 21st Aug, 2015. The Mr. Rajiv Ghanekar, Head of Electrical Dept., L&T Chiyoda Ltd. and Mr. Dhaval Trivedi, Manager of Electrical Dept., L&T Chiyoda Ltd. were the experts who addressed the third and fourth year students. The expert Mr. Rajiv began his discussion with Switchgear equipment's and discussed the various types of circuit breakers, switch board panels, sensors, starters, relays and their selection parameters. Mr. Dhaval shared his industrial experience regarding protection aided methods for Induction Motors, Alternators and Transformers. He discussed about the current & potential transformers, isolators and software used for relay coordination. The seminar proved to be informative for the students. ■



Website Inauguration Indus Robotics Club

The Indus Robotics Club inaugurated its website on 4th September 2015. The website was inaugurated by Prof. R.N. Mutagi, HOD of Electronics & Communication Department. A brief introduction to the webpage was provided which contained the Home page, a portal for team members, FAQ's & troubleshooting. The most exciting thing about the website is the online shop where one can buy electrical components, sensor modules and much more at a price far too low compared to the original market cost. All the online available products are designed and built by the members of robotics club.

The faculties granted best wishes to the team for future events and competition. The event was a complete success and the club looks forward for future support from the University as well as all the students. The faculties extended their support and wished the team luck for their future events and competitions. ■



GPCB's Pollution Control Guidelines

Courtesy: Mr. Jitendra Dave

Do's

- Do you really need to drive a car everywhere? Walk to work, or ride a bicycle
- Carpool. Two - or four - can ride as cheaply as one.
- Get a valid pollution under control certificate from authorized testing centre.
- Clean up your act. Keep automobiles fuel filters clean and save the fuel.
- Clean the air filter and oil filter regularly.
- Clean the carbon deposit from silencer.
- Maintain recommended tyre pressure.

Don'ts

- Don't use extensively your private vehicles, try to use public transportation whenever possible.
- Avoid congested road and rush hours.
- Don't idle away energy. Beyond one minute, it is more fuel - efficient to restart your car
- Don't forget to Keep your vehicle tuned up. When a vehicle is running well, it uses nine per cent less fuel and thus emits fewer toxic and noxious fumes. ■

ACSIT: Introductory Ceremony



Institute of Information and Communication Technology (IICT) had organized an Introductory ceremony of the **Association of Computer Science and Information Technology (ACSIT)** for the new academic batch-2015 of Master of Science in Information Technology, Master in Computer Application (MCA Lateral), Integrated Master of Science in Computer Application & Information Technology (M.Sc-CA & IT) and Integrated Master in Computer Application (IMCA).

The program was held on 4th September 2015 and was intended to provide essential knowledge about ACSIT and cultural/ technical events which are going to be organized by ACSIT. The new batch of students have been asked for innovative ideas to make the events more useful for the students. Some cultural programs like dance, music and song by new batch students made the event more



Hands on workshop on “Mobile Applications Development”

Association of Computer Science and Information Technology (ACSIT) had conducted a two day workshop on “Mobile Applications Development using Android” on 11th and 12th September 2015. Mr. Shyam Chavda from “Aspiration Softec Pvt. Ltd”, Ahmedabad, was our honorable speaker for the workshop who provided hands on practice for mobile application development using android platform.



The workshop helped students to understand the basic knowledge about mobile application development on android platform and how it could help the students to excel their career. He also demonstrated about developing professional mobile application on their devices using Android. The application includes designing, code generation and error removal using Android Studio.

From IICT, 60 students grabbed the opportunity and attended the workshop which could be a stepping stone in their professional career.

IAEA : Seminar with R-CAD

R-CAD Solutions (PTC University), the official sponsor partner of IU MOTORSPORTS had recently conducted a seminar on Designing Career at Indus University held by Indus Automobile Engineering Association. The seminar was interactive and informative in which around 400 Students participated. This seminar was graced by the Head of PTC University Mr. Ajinkiya Lad along With Mr. Anil Patadiya (director of R-cad solution) & Mr. Parth Pandya. In this seminar Mr. Parth Pandya (head of R-CAD Solution, Naroda) shared the knowledge regarding AUTOCAD & CREO. The Seminar was a huge success.



IAEA: Table Tennis Championship

IAEA had organized a Table Tennis Championship for boys and girls in their respective categories. The event was held on 11th & 12th September 2015. There were two categories in this event, Singles and Doubles. There was a huge turnout as more than 50 singles and 20 doubles participated.



AIMES: Expert Talk on 'Recent Trends in Metallurgy and Material Science'

The Association of Indus Metallurgical and Materials Engineering Students (AIMES) organized an expert talk on 'Recent trends in Metallurgy and Material science'. Mr. Amish Panchal a well-known Metallurgist and National Office Bearer of Indian Institute of Foundrymen was the invited expert for the session. Mr. Amish briefed about the advancements of Technology, Metallurgical Gizmo and applications which were just hypothetical probabilities of technology years back that turned into reality. He explained about 3D Printing, Electrical Ink, and Advanced Additives Manufacturing which could affect the ongoing metallurgical industries at a global scale. He interacted with students and with practical examples explained his theories of being Self Confident and Hardworking towards the goal of being a successful entrepreneur and surviving in this cut throat competitive market. More than 80 students from the Metallurgical Engineering department witnessed the session. The session was concluded after a small talk from Prof. D. K. Basa, President



Students' Achievement



Mr. Parth Patel from 7th Semester Automobile Engineering acted as a character in one of the trending Gujarat Series Savadhan Gujarat which was telecast at Sandesh News. The budding engineer is enrolling in many such events to fulfil his endeavor. ■



Mr. Anuj Sharma (Mechanical Sem-7), **Mr. Gaurav Pandya** (Metallurgy Sem-5) & **Mr. Nishil Mistry** (Metallurgy Sem-5) participated and secured the 2nd Runners up Position in the Debate Competition organized at and by The Gujarat Law Society Ahmedabad on 17th September 2015. ■



Mr. Harshil B Jani presented a paper entitled on 'A Review of Black Holes Attack on IDS in Manet Network' on 19th Sept. 2015 at Dharamsinh Desai Univeristy, Nadiad. ■

Faculty Achievement



Dr. Samir Gopalan of Department of Management, IITE delivered a talk on the topic Safety & Management & Technical aspects in Industries at GIDC, Ankleshwar. It was held on 1st of August '2015 and was attended by 50 participants. The students extolled the session and were eager to learn more. ■

Dr. A M Bisen, HOD Mechanical Engineering Department was invited to deliver a keynote speech on 'Experimental Analysis of Transmission Arrangement in 3-high Open Train Rolling Mill' in international conference 'Computing Techniques in Mechanical Engineering', 2015 at Phuket, Thailand. ■

Prof. Mitesh J Mungra published a paper, titled as "Vibration-based non-destructive technique to detect crack in multi-span beam" at Non-destructive Testing and Evaluation, (Taylor and Francis) Peer Reviewed Journal. ■

T&P: Indian Navy Recruitments

Placements always define the success of any educational institute. The Training and Placement Cell at Indus University hosted The Indian Navy who visited the university campus for recruitments of SSB Interview. Lt. Commander Sandeep Nanda, Lt. Commander Mahesh Chhabrwal & Lt. Pawan Ojha were on the panel for selection. Initially, an informative session for the candidates was conducted in the auditorium where various fields of service in the navy and components related to them were explained. Immediately after the introductory session group discussion cum PI were conducted by segregating the candidates in the groups of 20. In total around 190 students applied for drive amongst which 155 were from the hosting university while the rest from different colleges. The results for the same shall be declared by November 2015.



The Great Wall is Falling

Anmol Modi

Mechanical Sem 5-A

The Chinese Dragon has smoked the rest of the world with its fire. The Chinese economy has always been growing for the past three decades surpassing the earlier superpowers of the world like Japan and Russia. During the great recession of 2008 which caused catastrophic destruction of all economies around the world irrespective of their connection with the USA economy. As the world observed a dark nights for few years, the Chinese economy witnessed a bright sunny day as a result of its robust internal policies and a communist government rule. Looking at the Yuan it has seen a gradual decline right from 1994. In 1994 its equivalence to the US dollar was 1 USD= 8.6212 CNY. This shows that China was cracking up an immense fiscal stimulus programme to boost demand and kick-start growth.

There has been a downfall in the Chinese economy which has been surfaced a few months when there was a sharp drop in the Chinese equity markets. There has been an act for this downfall by the Chinese government by devaluating their currency, Yuan. The root cause of all these acts is the domestic policies of the government of China. Let me give you a brief of all the concerns in China and the rest of the world which is affected by turmoil in China.

China has recently witnessed an equity bubble which is a direct outcome of the government policies in China. Due to the overwhelming boost in the economy of China, there was a rapid and strong need for infrastructure development to meets its requirements. As a result of this there was an unseen pouring of money in the infrastructure sector without taking a note of the real requirements. Cities were constructed to meet the requirement of rising population and urbanisation. This all was a short term demand for the China. Presently there have been empty cities in China which are termed as “ghost cities” where no one lives. As there was development in the infrastructure and housing, people started investing in the real estate. There was time when investors bought more properties than required. There was a demand of real estate but the supply was short so that lead to sky rocketing of the prices of real estates. The interest rates paid by Chinese banks are zero or sometimes negative even. This caused the housing bubble in China where the money was not reflected in the real GDP of the country.

Drawing inferences from the housing bubble the government of China started a sanctioned rally in the equity market. The investors were allowed up to 150% margin trading. This lead to margin financial imbalance and the companies had to take the margin call. Till companies took the margin calls there was a bull market in China with stock market rising up to 120% in a span of just 1 year. The rally sanctioned by the government was baseless and it had to end with the bursting of the equity bubble. Baseless rally means that the Chinese government started printing money like newspapers without a reserve in the federal vault.

After a bullish market for a year the margin calls were taken and the capital market showed a large volume sell off. This is because of the trading done in the year. There was a loss of around 3 trillion dollars in just a span of 2 months. The Shangai market fell by 32% and Shenzan was down by 41%. As a result of this many companies had to liquefy their assets to incur losses. This decreases the buying power of China thereby decreasing the manufacturing of products and as a result it slows down the economy of China.

The slowing economy forced the government to devalue its currency so that the Chinese Products can be purchased at lower price compared to other products.

The slowing economy in China has effects on entire world especially the emerging economies such as India, Brazil, Australia, etc. As the manufacturing sector in China observed a landslide all the countries providing raw materials such as metals and coal to China have got a great setback in their economies as well. RBI chief Raghuram Rajan stated recently that in the ocean of turmoil, India is a calm island. The primary reason for the stability of India despite the turmoil is the strong domestic policies. India's export to China is only about 4% of its total export. So, there are less chances of India being affected by the slowdown in China. India has the opportunity to become the world leader in manufacturing surpassing China and this initiative has already been taken up by the government of India under the name of "Make in India."

Drumil Sheth blogs on Internshala.com!

Drumil Sheth

CE Sem 7

Well, life takes turns and drop us in potholes, we might not find the escape from it but we find the best way to come out of it. If there is something that you don't enjoy doing then don't think twice. Search where your passion lies and make that your occupation. Strive hard and strike harder.

I am Drumil Sheth, studying last year of computer science from Indus University. To be frank, I am very bad at coding and computers. Now I feel that the work that excites me and to make me jump out of my bed in the morning is Management. I realised that very late so I will be a computer engineer by chance not by choice.

One bright morning of February 2014, one of my friends called me and asked me if I am interested in doing virtual marketing internship for Viber? I said let's give it a shot. That is how I connected myself with the management world. It was a 3-month internship.

I worked as an intern for the first two weeks then because of some unavoidable circumstances my cluster manager had to leave the internship and I grabbed that opportunity to be a cluster manager and got a chance a to handle a team of 50 Interns. I worked as a CM for 4 weeks then I got exhausted because many of the interns backed out and work pressure was increasing day by day. I asked my city-head that can I continue as an intern because I can't handle this. He tried to convince me a lot not to leave the post, but I didn't listen and continued as an intern. After me they changed 3 cluster managers, no one was actually able to handle that team and I was the one who worked as a CM for the longest time period (4 weeks).

After that, I got a mail from let's intern on 1st January 2015. They offered me to be a City Head for the Virtual Marketing Internship of Young India Fellowship. It is a course offered by Ashoka University. I was very excited to do that. Finally, it was a chance to prove myself that I can handle and I will handle.

Handled a team of 15 people for 8 weeks and made Ahmedabad one of the top performer. The internship was simultaneously running in 8 other cities too. Then I never looked back. After that, I worked for OLX. In OLX handled a team of 25 People for 3 months and Ahmedabad was the 3rd best performer in the race of 10 cities. I did all the work from Recruitment to the closing of the internship.

I guided many interns in how to attract more and more people on social media and mentored them when needed. It gives me utter happiness when they call me sir. Moreover, I have also received a glorious recommendation from the business head of Let's Intern.

Currently, I am working on two projects. One for Vogue Eye-ware and one for Close-up first move the party. Let's Intern gave me such a nice opportunity to make my network strong. This Internships improved my Team Management, Public Speaking, Decision Power, Personality and number of other things that I can't count. There is nothing you can't do, you just need to focus what you can do the best.

A Big Thank you to Internshala for giving me a chance to share my experience. In the end, I would like to say only one thing.

Nothing is Impossible. So keep Working on different jobs till your heart says this is the perfect work for you.

Compassionate Clowns

Krushal Upadhyay

Mechanical Engg 7th Sem

Pediatric cancer is rare and basically isn't similar to cancer in the adults. An estimated 160,000 new cases of children below 15 years of age diagnosed with cancer each year worldwide with 90,000 deaths attributed to cancer. In India every year 45,000 children are diagnosed with cancer every year.

No one is ever prepared to hear that their child has a life threatening illness. At first, parents are afraid their child is going to suffer and perhaps to die. In this entire situation what really helps parents and to the child is the seeking comfort from one another.

Working with the philosophy of Harish Bhuvan who is the initiator of this noble deed who says, "We make a LIVING by what we GET, We make a LIFE by what we GIVE"; we are the Compassionate Clowns.

Curly hair, red nose, fancy clothes and sense of humor with the selfless smiles is what differentiates us from others. The clowns are thriving with hundred members bunch and perform to relieve pediatric wards in various hospital, NGOs, old age homes, , in order to make people smile.

There are several research papers proving the statement, "Laughter is the best medicine". Researches have shown that a patient is cured of various diseases sooner than he is expected to by just laughing heartily.

We, at present, are clowning in Ahmedabad's hospitals such as HCG, GCS, CIMS and many others every Saturdays. We occasionally visit mentally challenged kids at Utthan Talim Kendra in Ahmedabad. We also occasionally visit HIV center in Gandhinagar . We are clowning in Bangalore at St. John's Hospital every Saturday and we have our regular clowning sessions at NIMHANS, Impana Hospital (Ramanagar) and other centers in Bangalore as well as Ahmedabad, Gandhinagar, Karamsad, Vadodara, Indore, Hydrabad and also around the country in few days to come. We also conduct theatre workshops, to extricate oneself from their cocoon. This is also with the help of Clowning and other included activities.

We usually set foot in the wards and make the kids and also the elders smile by handing them over balloons, using clown props such as trumpets, bubbles, spring, toy gun, singing rhymes, songs, by dancing, talking to them personally, having connections with every child, his/her parent or relatives, getting them involved completely with us. We get overwhelming responses not just from the patient but also from their parents/relatives.

These children know pain, loss and suffering too. But these children have an appreciation, sensitivity and an understanding of the life that fills them with compassion gentleness and deep loving concern.

Spreading smiles touching hearts clowns thrive on and it definitely asks one of us the inevitable question, Why so serious? We feel giving something to children they don't have and sharing something that we have.

"A child's smile is worth more than all the money in the world"



Ways to Reduce the Fear of Delegating

Ms. Meeta Agrawal

Administrative Coordinator

When we need to delegate, we often have to face up to many fears:

- Will they do as good a job as I would?
- What if they completely fail?
- How do I delegate without micro-managing?

And, naturally, these are justifiable. Although we might be delegating responsibility and authority to get results, the buck stops with us...we never can allocate accountability.

So what can we do that will take away the fear? What can we do that will help us to delegate more effectively?

Put In Milestones

If they feel they are trusted, employees will put a lot of effort and creativity into a project. However, we still need to keep tabs on how it's going, so we need to act as an autopilot, checking on how the project is advancing. Putting milestones in place, with specific meeting times and ideas on where they will have progressed by that time, will help you both to determine progress and resist the need to be continually looking over their shoulder. That way, you are able to deal with any variation from the planned path before it becomes a crisis.

Get Lots Of Feedback

One of the best ways to delegate effectively is to coach. This means that instead of telling people what to do, you ask more questions, allowing the employee to come up with the answers. This encourages creative thought and builds confidence in them 'owning the results'. If they ask you for advice, feel free to ask them first what they think. This helps you to resist the temptation to take over the project, and helps establish trust and credibility in the employee, as they actually prove they know what to do with the project.

Be A Supporter

A strong support network should always be in place. The best way to support a delegated employee is to establish ground rules and norms when they need to make enquiries or ask for further resources. The support should help them develop their skills and get the project completed, not actually take it over from them. Allow them to ask for whatever assistance they need and discuss how this support will improve efficiency and effectiveness.

Praise Their Successes, Learn From Mistakes

It's always said that the best way to motivate an employee is to show them how valuable they are. Giving praise for a job well done is free and very effective. Don't overdo it. Recognize when they have done an effective job, and they will feel the pride in having accomplished a goal that will drive them forward.

If something goes wrong (time-delays, quality problems, etc) resist the temptation to jump and take over or discipline the employee. Ask what you personally can learn from them not achieving the goal. *Did you miss something out at the beginning? Was your checking-in process not good enough? Was the task too stretching?*

By recognizing what you need to do to rectify any shortcomings, you will ensure the same mistakes are not carried forward to the next project.

Delegating successfully is not only a way to reduce stress; it's also a survival strategy. If you choke your staff with micro management, you miss out on the great ideas that will move your institution forward and frustrate the best resource your institute has – your employees.

Michhami dukkadam

Abhishek Thakkar

EC Sem 3

Hey sorry for that little fight

Please take it light

I know you are right

You can blame me for that fight

But trust me..

It was the situation which wasn't right

I know I can trust you with all my heart

But you know my story had many parts

You are clever and I know that

So I won't use some words which I can

Afraid of the future

Don't wanna repeat the past

Your support is only I ask

Probably there will be a day when I'm gone

From your life last long

Will be name in your list

But trust me I will be all there when you need

Just call me when you are in need

I will be the friend indeed

This poem might make you smile or cry

But your forgiveness is as important as the tears someone cry

So let's forget the sorrows and smile on my guilt

And make our friendship a wrapped gift

Full of surprises and full of hopes

Let's show the world what we have got

New Robotic Exoskeleton Is Controlled by Human Thoughts

Prof. Piyush Surani

Mechanical Engineering

The machine's motors are noisy and its movements are painfully slow, but these details seem to fade into the background when you realize how the man is controlling the cumbersome contraption: He's doing it with his mind. The exoskeleton a robotic device that fits around the man's hips and legs is part of a new technology being developed by researchers in Germany and Korea. The other part is a dark cap on the man's head, covered with electrodes that facilitate the connection between his brain and the machine. The man wearing the exoskeleton in the experiment can walk on his own (he's one of the participants in the researchers' newly published study), but the scientists think their new mind-controlled device could one day be used by people who can't walk such as those who have suffered severe spinal cord injuries, or people with neurodegenerative diseases.

TECH
MECH
TALK
with PIYUSH SURANI



Learn from the Best Universities of the World for Free!

Smit Patel

Mechanical Engineering

Yes, this is true! Now world is emerging with new techniques and systems for education. Application of dialog from 3-idiots movie is applicable to all the students "Sab jagah gyan bant raha hai, jahan se jitna mann kare, le lo". All we need is an Internet connection and computer to learn whatever we want to learn. This is possible with MOOC i.e. Massive Open Online Courses. Massively Open Online Courses or MOOCS, are being hailed as the new method of free learning in which universities from around the world offer an 'e-version' of their regular courses online, for free and for everyone. It is a package with study material (such as free books), pre-recorded sessions by experts, exams, assignments and accompanied with discussion forums. You can be part of a global classroom from the comforts of your living room. People from any background, any age and of any country can enroll for the certified courses of their interest for free and learn, audit & go through the courses, experience the cultures of world's best universities from different countries and earn a verified certificate. Edx, Coursera, Udacity, Iversity, FutureLearn, Stanford online are great MOOCS, from these Edx is the largest MOOC of the world founded by Harvard University, MIT and finest universities of the world are its members and contributors along with Microsoft & IEEE. The courses are offered in a great variety like Literature, Computer programming, Aerospace, History, Management, Philosophy, Electronics, Calculus, Physics, Engineering, Lifestyle and many more. Find out course of your interest, to enrol for it and start learning.

Akshay Gupta Finishes Third at Nissan GT Academy Asia Finale

Gamer turned racer Akshay Gupta from Indus University made to the long journey to Silverstone International Circuit count as he finished at the commendable third position at Nissan GT Academy Asia Finale. Akshay will be competing abroad in one of Nissan's championship & will be racing in bigger GT as well as open-wheeled race cars on his own in 2016. Despite being selected last year, due to hard times on personal front with his mother's illness, he could not participate in the championship. Hence this has become an emotional moment as he has been bestowed upon with a second chance. The Indus University student will travel to Silverstone again for Nissan's four months Driver Developing Programme in preparation for the Dubai 24Hours next year and the university wishes him all the luck.





A Bird sitting on a tree is not afraid of the branch breaking because its not the branch that it trusts, its the wings #BelieveInYourself

-Akash Shah(M.Tech 3rd Sem)



Team i360

Principal Coordinator:

Ms. Meeta Agarwal

Chief Editor :

Prof. Mamta Amin

Student Editor:

Gaurav Pandya

(3rd Year Metallurgical Engineering)

Design:

Nikunj Patel

(3rd Year Mechanical Engineering)

Cover Page:

Palak Jadwani

(2nd Year Electronics & Communication Engineering)