CONVERSATION WITH Prof. Vinaysheel
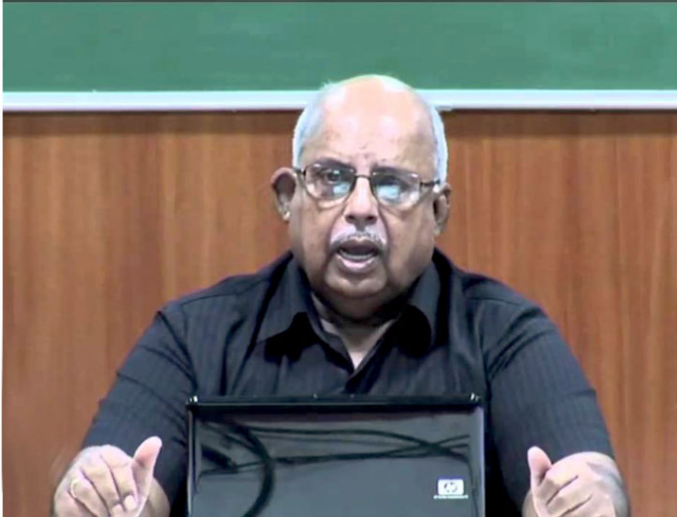
Last semester J.U.E.T. had a visitor who inspired every single mind sitting in the auditorium filled beyond its capacity. It was Prof. Vinaysheel Gautam, Sr. Advisor at KPMG and Chairman of DK Foundations. Prof. Gautam prior to this has served as an Emeritus Chair Professor at IIT-D. He is also credited as the Founder Chairman of IIM Kozhikhode and the first Head of the Management Dept. at IIT-D.

Prof. Vinaysheel Gautam's lecture emphasized on the emerging trends in the market sector and employability in today's time. In his speech he went onto explain comprehensively about the concept of employability with stern but true examples. In a conversation with the Editor-in-chief, G.Sai Arun and the Editor of The Obeserver, Tanya Mehrotra, he elaborated further on some issues.

G. Sai Arun: Sir, the Indian Education system is inflexible, rigid, and archaic. Why don't we see any changes in the curriculum of our the universities in our country?

Prof. Gautam: Your statement needs to be modified firstly. From my experience in IIT-D, we provided the students a course in Chemical Engineering where they could also earn a minor specialization in management. So there are some institutes which allow such flexibility but I will agree on a larger level that such change is not there and needs some reflection. The rigidity I think is the outcome of sheer reluctance of applying one's mind and putting in a necessary effort in which many institutes flounder. Flexibility requires a flexible management and with that it becomes a victim of the powers that control it. So essentially, we're getting what we deserve. So my conclusion is that your statement points to an aberration that needs attention but that aberration is not just limited to education but other sectors of the country as well. There is a lack of faith among everyone towards the system.

G. Sai Arun: What in your view has led to the fail in governance?

Prof. Gautam: The governance never fails, it can't fail; it's the people who reap from the governance who let it down, and the worse thing is that we defend ourselves. How can you correct a group of people who know they are wrong, and use the gift of gab to give ridiculous arguments and defend themselves. There is no strict punishment for wrong doings and that needs to be checked. And fortunately we have bodies now who are keeping a check.

G. Sai Arun: That was an eye opening answer actually. The next thing I'd like to get your attention to is the foreign universities setting up campuses in India. Will it change the situation? Will competition rise and will it be good?

Prof. Gautam: Coming of Foreign Universities should not be an issue, what should be an issue is the lack of adequate standards which our institutions have. Our students, when they go outside, are asked to take remedial classes and additional courses. Most Universities need to pull themselves up. We should stop mixing populism with education. Nowhere in the world is the employment made on the basis of social equity, these things are way apart in the corporate world. We have mixed up populist measures with productivity, the same has happened with education. It is although politically wrong for me to say this but I won't be afraid, the speed at which we have set up our IITs, IIMs, and our central institutions and the way it has been flagged as if a great breakthrough, I'm sorry to say it is not a breakthrough. Where are the teachers? They are not even available for older IITs.

G. Sai Arun: Sir, I would also like to point that our education system is said to be much regulated. Unlike universities in US for e.g. Stanford and Harvard which are private, our top universities are all government.

Prof. Gautam: The regulation didn't fall off the sky. It is we who run the government; it is we who created all these regulations. Why did we let it happen? We could have stopped these regulations to come. But, now we have states monitoring the guidelines to set up an institution. There is no competency to deliver in the sector of education and until the fundamentals are revised we will have to bear the punishment of what we have brought upon ourselves.

The solution is revisiting the policy measures which will let individual enterprise flourish. Look at the Xavier's institute and Symbiosis which have been set up by academics and have done wonderfully well. There are industrial houses who have taken an initiative in education. They're running at a loss but they are performing exceptionally well. Therefore we need to let individual enterprise flourish rather than putting limitations upon them.

Tanya: Sir you talked about employability yesterday, what are the traits the companies look for when hiring someone?

Prof. Gautam: The answer is what you look for in your life partner or any future companion; credibility and reliability. These traits can't be taught. What's more, fly-by-night experiences are applauded. Employability begins with credibility and reliability; and having the competency to fulfill the job requirement. You can't rely on someone who accounts for every hundred bucks he spends accounts in bills of which he buys off cigarettes from money on tea. The fourth dimension is compatibility. The behavioral dimensions of the institutions must be compatible with the behavioral dimensions of an individual. The fifth is you have to grow with your job. Your education basically begins with the completion of your degree.

YOU ARE ENOUGH

by Nikita Soni

There are seven-billion people on this planet and only one you. You have zero competition in being yourself.

Comparing yourself to others is futile since it only ends up killing your creativity and liveliness, leaving you feeling terrible. We often think everyone else is living the dream life and that we might be failing or falling behind. This is far from reality.

The goal in life is not to be successful by someone else's standard but by your own measures. Everyone has a different path to follow in life and a different goal to achieve. You can never really know what is there for others.Looking at someone can never give you an idea about what they are going through and how satisfied they are from their life.

"The only person you should try to be better than, is the person you were yesterday."

The more you honor your uniqueness and your life's journey, the more you see your true self. The more you see your true self, the more reasons you will find within yourself to celebrate.

To succeed in being somebody that you are not (but think you need to be) is still a failure.To love who you are and courageously accepting that gives you a life worth living.We forget this simple thing that confidence is all about who we are and what we create withing ourselves by believing who we are. So take pride in how far you have come, and have faith in how far you can go.

ITBI-13

by Utkarsh Mishra

Last semester there were lot of interesting developments in the university among those one of the most notable was the 5th International Conference on Information Technology and Business intelligence .Our Institution Jaypee University Of Engineering and Technology was the host to a galaxy of eminent scholars.
The 5th International Conference on Information Technology and Business intelligence was held between 13th -15th December last year. The conference is one
of a kind as it helps to highlight and promote the everlasting process of intertwining of the business m a n a g e m e t a n d information technology. In an age where a delay
of nanoseconds can result in a monvetary profit and l o s s , i n f o r m a t i o n technology is rapidly evolving to provide efficacious and cutting edge support systems for
business management . ITBI-13 is the vanguard for the display of growing symbiotic relationship between information technology and business intelligence to fulfill our present and future requirements and ambitions in all respect of life, it is essential to enhance our expertise to link the power of today's information technology
with the tools of economic theory and business strategy.

ITBI-13 was jointly organized by IMT-Nagpur and JUET- Guna . The convenor of the conference was Dr.R.K. Jena (Associate Professor ,IMT Nagpur) and the co-convenor was
Dr.Rajeev Srivastava (HOD,HSS Department JUET).
The theme of the event was recent trends& in Business Management Information Technology.

The conference was divided into 6 technical sections.The keynote speaker for the first technical section was Mr.Dilip Pithadia C h a i r m a n , P i t h a d i a Foundation,the
keynote speaker for second technical section was Prof. Vijay Pal Sharma chairman,center for agricultural management IIM-Ahemdabad,for the third technical section Dr.Carsen Muller Department of Information Technology University
of Economics,Prague ,Chez republic was the keynote speaker ,whereas for the fourth technical section Prof.N.J.Rao (Vice Chancellor ,JUET guna) was the keynote speaker,for the section 5 the keynote speaker was Dr.R.K Jena Assosiate Prof,IMT Nagpur,and for the technical section six the keynote speaker was Prof D.S.Hooda Dean Research,JUET-guna.

The conference with the theme "Information Technology and Business intelligence"
(ITBI) started as a national conference in 2007(ITBI-07). The first edition was held at IMT-Nagpur with 45 registered participants in the month of November. Last year,
ITBI-12 was held at IMIS Bhubaneswar, India. We have received more than 150 submissions and after review, we could select only 115 papers for presentation and
publication. This Year ITBI-13 was held in Jaypee University of Engineering & Technology, Guna (MP), India.
In all total number of papers published in a journal from this conference were 54
with added benefits to the authors such as, Selected Extended Version of presented
papers will also be considered for the publication in referred international Journals,
awards for student paper presentation, discount for multiple paper registration by single author.
The overall coordination was handeled by Dr.Sandeep Srivastava.
The incharge for technical section and registration section were Dr.Rachna Chaturvedi and Mrs.Kamini Bhasin respectively.
The logistics boarding and catering were manged and fascilitated by Mr.Sandeep A r y a , M r . V i k r a m Chauhan,Mr.Neerej Jain and Mr.Abhishek
Shukla respectively.

WORKSHOP

by Prof. Shishir Kumar

A workshop was organized by Department of Computer Science & Engineering and conducted by Prof.Shishir Kumar (HOD-CSE) on Advancements of Network Communication and Security from 19th December,2013 to 21st December,2013. This workshop was designed for young faculty members of Engineering Colleges/Universities, Executives from Industry, Corporate and Government Organizations and for M.Tech students of CS/IT/EC/EE, having the basic knowledge of Network Communication and Security. The registration fees were Rs.1000 for students and Rs.1200 for Others. The maximum limit for participants was 30 on the first come first sever basis. All the participants were provided free boarding and lodging from 18th December, 2013 afternoon to 22nd December, 2013 forenoon.

The main aim of this workshop was to provide an insight into the enduring principles of network communication, routing, security and their implementations. Topics discussed were TCP/IP Protocols & Internetworking, Network Communication & Security, Network, Transport and Application layer security, Cryptography and its implementations, Secret key & public key cryptography, State-of-the-Art-Networks, Wired & Wireless Networks, Network Performance Analysis, Internet Protocol version 6, Network & Subnet Addresses, Next Generation Routing, Secure Image Communication, Remote Sensing & Image Forensics.

Dignitaries like Dr.Y.Madury(COO-JES), Prof.N.J.Rao(Vice Chancellor JUET), Prof.K.K.Jain(Dean-Academic), Prof.D.S.Hooda(Dean-Reasearch) and Brig(Retd)S.K.S.Negi(Registrar) attended the workshop.

WHAT JYC DID IN THE PREVIOUS SEMESTER!

The previous semester was filled with the events held by all the three wings of JUET youth club. In the last two months of the semester all three wings were in race to prove themselves better and came up with some of the real fun events.
The cultural wing organized two events in the month of November. On the 9th November, 2013 the event managers Anusha Hariharan (3rd year), Gunjan Ansal (3rd year), Nikhil Gupta (3rd year), Atul Pandey (3rd year), and Anshul Sharma (3rd year) organized an event Musical Night in the honor of Dr.Y.Medury, the Chief Operating Officer of Jaypee Education System. The music in the event mesmerized everyone present there. The most appreciated performances were of Kanika Srivastava (2nd year), Anusha Hariharan (3rd Year), Ashutosh Pandey (3rd year) and Aditya Anand (4th year). Faculty members like Dr.Sujoy Samanta and Dr.D.K.Sharma also participated in the event. The next event organized by the cultural wing was Verve. It was a five day event starting from 9th November, 2013 to 14th November 2013. The Participants designed the name and logo for the Ramp of the upcoming cultural fest of JUET, Dequinox. The winners of the event were Piyush (3rd year) for writing name of the Ramp and for logo designing Kavita (2nd year) and Neha (2nd year) won prizes.

When the cultural wing was organizing exciting events how could the Art and Event Management wing stay behind. One of the most interesting events held by the Art and Event Wing is Box Office where a movie show is held for the JUETians. On 13th October a movie show of an epic Rang De Basanti was held at Tagore Hall. Though the movie was old and most of the people had already seen it but it didn't fail to gather a large crowd and the show was a hit. The Art and Event Wing seems to be inspired a lot by the cine-world since there next event was also based on cinemas. On 8th November, 2013 the event managers Aditya Goyal (3rd year), Shivani Goswami

Team Nirvana to hit the tracks

Team Nirvana, a group of mechanical engineers from 2nd and 3rd year who were the first from JUET to make it to the final rounds of BAJA SAE India will be hopefully hitting the tracks at this year's event.

The team was dealing with financial issues so far although they cleared the virtuals of the same event on their own expenses and under the guidance of faculties like Mr. Pankaj Dumka and Mr. Dhananjay R. Mishra.

University has sanctioned a grant of Rs 1,00,000; which is the maiden support Team Nirvana has got. With their All terrain vehicle already designed, the fabrication is hoped to begin in December as soon as the ESE finish.

The team members were delighted with the support, although they mentioned that this much fund won't suffice and the time left is very less. But they still are keeping their hopes high.

The Observer and the rest of the JUET wishes them all the best and hopes for a glorious result.

"FIRST FLIGHT" at JUET

Team 'vulture' comprising of Ravi Jain(111662),Manu Dubey(111648),Bhavya Arora(111625),Abhinav Sharma(111605) are the ones who have been able to achieve this milestone. It is worth mentioning that this is the

first ever model to actually fly despite many attempts made by prospective students.

They have been able to successfully build a model monoplane which could achieve a height of about 200ft in a blink

of an eye. Tech Specs: 1500rpm motor,1300mAh Battery,height obtained till now 250ft.

The Observer interviewed Ravi Jain and asked him what inspired them to take up such a challenge ,he answered

"actually we are going to participate at the techfest at IITB so to qualify the first round it was absolutely necessary

for us to obtain a perfect flight".

At the second round which will be held at IITB their model will have to perform various tasks in order to move up the ladder.

Quotes

> You are never too old to set another goal or to dream a new dream.

C. S. Lewis
Born: November 29, 1898,
Belfast, United Kingdom

> Anyone who has never made a mistake has never tried anything new ■

Albert Einstein
Born in Ulm, Germany
14 March 1879 – 18 April 1955
German theoretical physicist

> Facts are the air of scientists. Without them you can never fly ■

Linus Carl Pauling
Born in Oregon, USA
28 February 1901 – 19 August 1994
American chemist, peace activist,
author and educator

> Be less curious about people and more curious about ideas ■

Marie Curie
(Maria Skłodowska)
Born in Warsaw, Poland
7 November 1867 – 4 July 1934
French physicist and chemist

Gotta Wash Em' All

Many times people of much importance in life are the most neglected ones, such is the case of a mother whose value perhaps we only realized once we entered college to live independently.

This article is dedicated to one such set of people of JUET who make our lives much easier – the laundrymen. Laundry team of our college comprises of 15 hard working and enthusiastic people.

On our reaching the laundry, we were greeted by Mr. R.B Singh, a very humble man and present laundry supervisor. He took us through the 6 Phase process of laundry which we would share now.

1.) Collection: All students have unique laundry code and students are permitted to submit up to 10 clothes each turn twice a week.

2.) Washing: Our university laundry employs 2 super sine automatic washing machines which do the washing part. Tide is used as detergent and daily approximately 7-10 K.G of Tide is used for washing clothes. Both of them can take approximately 30 minutes each for washing white clothes and around 20 minutes for others.

3.) Soaking water: Like a dryer which we have in our household washing machines, drying equipment includes 2*25 KG and 1 15KG supershine soak tubs. These tubs with help of steam soak water from clothes, giving them the same touch you get after squeezing water out of clothes.

4.) Drying them: Three dryers of 50+50+25 KG are used to dry the clothes; they completely suck water out of clothes and make them press-ready. That if compared to our clothing cycle at home, would be the time when we take down dried clothes after feeding them sunlight for a day.

5.) Pressing: College official blue-shirts are pressed separately by a staff of 3-4 people while clothes like bed sheets, jeans etc. are pressed by automatic press which is able to press up to 4 clothes at a time, one of the staff is assigned to crease clothes which get tampered by machine.

6.) Distribution: Every student with a laundary card is assigned unique space in storage rack and after clothes are washed, sorting of clothes is done and clothes are kept at assigned space.

WIND ENERGY APPLICATION CENTER : What it is all about?

India is a country with an average growth rate of six percent which includes development in all sectors of the society. But a major portion of the growth rate is due to the real estate development. Investment in the real estate is always considered profitable. Also due to increasing population and changing lifestyles the scope for vertical development is increasing since we cannot go horizontally. If a building of a height of 300m crashes due to any reason the economic loss forget that , the life loss is incomprehensible. To mitigate such disasters from happening experiment facilities like the wind energy research center at Jaypee University of Engineering and Technology are being developed. To conduct further enquiry into the subject we went to Dr. G R Sabreesh from the wind energy application center, who has a rich experience in the field of wind engineering and was grateful enough to lend us some time to help us with the following interview.

What did JYC..

and Ashutosh Pandey (3rd year) organized first round of the event named Filmology which was a quiz based on Bollywood and Hollywood movies. Out of the many teams who participated in the event those who qualified appeared for the second round that was held on 11th November, 2013. The winning team members were Chaitanya Bansal(3rd year), Anindya Chttopadhya(3rd year) and Chiranjeev Jaiswal (3rd year), following them on second number was team of Mrinal Singh(2nd year) and Raman Tiwari (2nd year) and last but not the least was team of Gautam Kumar Mishra(3rd year), Manas Tiwari(3rd year) and Kartik Jain (3rd year). The next event organized by the event managers Nihit Srivastava (3rd year) and Tanisha Sharma (3rd year), "Barfi" was based on a very famous game called dumbcharades, which is again based on movies. On 13th November, 2013 the first round of the event took place and the qualified teams again fought to win on 15th November, 2013 to win the event. The winning team was Silent Rockers with team members Aditya Goyal(3rd year), Bhumesh Pal(2nd year), Beauty Chauhan(2nd year) and Shalini Mudgal (1st year), following them on second position was Care Package with team members Chaitanya Bansal(3rd year), Anindya Chatterjee(3rd year), Chiranjeev Jaiswal(3rd year) and Ankit Agarwal (3rd year) and on third position were HUHHH with team members Shobit Mishra(2nd year), Devapi Saxena(2nd year), Prakhar(2nd year) and Rounak Mittal (2nd year). For a change the wing also came up with some of the most mind boggling events of JUET. On 20th November, 2013 an event called "Fukrey" was held by the event managers Aman Nigam (3rd year), Aditya Soni (3rd year) and Prachi Swami (3rd year). The Participants of the events faced some really cryptic questions. The winning teams of the event were Rohit Jain (1st year) and Arpit Agrawal (1st year) scoring highest points, following them on second position were Piyush Tripathi (1st year), Samrath Agarwal (1st year) and Rijul Jain (1st year) and on third position were Durdana Jehangir, Sarthak Sharma and Apoorv Dubey (2nd year). In an interview with the observer team the secretary of the club Adarsh Pandey (3rd year) said that

he is more than pleased with the turnover of all the events of the wing and he gives the credit to his team and their hard work.

The Literary wing also didn't fail to make people laugh when other clubs were coming up with exciting fun events. On 15th November, 2013 event managers Adhish Singh Bhadoria(3rd year) and Astitwa Saxena(3rd year) organized a event named Comedy Circus and the performers and stars of the evening Manas Chandan(2nd year), Ishaan Joshi(2nd year), Sudeep Srivastava(2nd year), Faiz Ahmad(2nd year), Aditya Sharma(2nd year), Shivendra Srivastava(2nd year), Sanskriti Gupta(1st year) and Shubham Mohan Shukla(2nd year) leaving everyone present in the hall roaring out in laughter. Following this fun event Literary wing came up with a serious event Youth Parliament .The event started with a mock session held on 16th November, 2013 followed by the main event on 17th November, 2013. The participants of the event were required to register online and they were allotted constituencies based on their choices. Later in the event the ruling and the opposition party debated on the famous issue of Food Security Bill. Dr. Rajeev Srivastava played the role of the speaker of the house while Mr. Anuj Kumar Yadav and Shreyans Sharma was the Deputy Speaker of the house. The leader of the ruling party was Bhoomik Sharma (2nd year) and that of the opposition was Prachi Sharma (4th year). Last but not the least the semester ended with an event from theatre club which is a part of Literary wing. A very famous Shakespeare's play Twelfth Night was directed by Aviral Prakash (4th year) and Tathagat Jain (3rd year). Lead Actors of the play were Bhoomik Sharma (2nd year), Priya Srivastava (1st year), Gauranshi Raj Singh (2nd year), Prashast Rastogi (2nd year) and Ankur Gupta (2nd year).

Interesting Fact

The word "queue" is the only word in the English language that is still pronounced the same way when the last four letters are removed.

WIND ENERGY contd...

Utkarsh Mishra (UM): What inspired the need for wind tunnels in the field of civil engineering?

Dr. GR Sabareesh (GS): Wind tunnels have been used in various fields of engineering such as aviation theory since 1751. Initially it was just aeronautical engineering which required the wind tunnels extensively for the purpose of testing airfoils and various other streamline designs. From about 40 to 50 years the wind tunnels have found there use in the field of civil engineering. Design of extremely long bridges and high rise building require to be tested in the wind tunnels before actual scale implementation. The wind tunnel used in civil engineering is the 'Boundary Layer Wind Tunnel'.

UM: What inspired the Jaypee group to take such a grand initiative in the field of wind engineering?

GS: As you may know that the Jaypee group is a conglomerate of various subsidiaries, it has its investments in real estate, hydro electric power plants and recently you may have seen the formula one circuit coming up in Noida. So it is quiet diversified, also you may know about the Yamuna Expressway. Now there is a lot of development going around the Yamuna Expressway and since due to increasing population and lifestyle changes, the need to grow vertically has increased, the buildings adjacent to the expressway are around the height of 100m so they are impacted severely due to different wind profiles. This project will also mark the pride of the country which is also a motivation behind taking up this project. Japan, China and the US have multiple such facilities.

UM: What is meant by wind profile?

GS: Wind profile or the wind speed profile, is the variation of the wind speed at different heights.

UM: Can't we use simulation software for testing and wouldn't that be more cost effective?

GS: Computational fluid dynamics has advanced with leaps and bounds. It is true that by using the right software's and algorithms we can simulate any kind of flow conditions but then the problem is that we have to make assumptions and when we are working on so big and sensitive project any assumption can be dangerous. Lives of hundreds of people will be at stake of the assumptions made, therefore we have to be more realistic.

UM: What is meant by wind load?

GS: As the height of the building increases, the impact of the wind on the structure of the building increases. So when we need to design for the 'clad', (Cladding means the outer structure of the building or the structural frame of the building) cladding need to be done as per the wind load.

UM: Are there any laws regarding the wind loading effects?

GS: There are provisions for it. There is the wind loading code IS 875 (part 3), but it gives very preliminary details.

UM: What is meant by the closed circuit boundary layer?

GS: Actually there are two types of wind tunnels .The first one is the open circuit boundary layer and the other one is the closed circuit boundary layer. The one that is being built here, in JUET, is the closed circuit boundary layer. The power circulation will be very less compared to the open circuit wind tunnel since we are re-circulating the air.

UM: What is the maximum height of the model that can be tested?

GS: It is not specific, the height that can be tested depends on the boundary layer .The boundary layer introduces a region in space (supposed to be a small fraction of the total space) near the solid obstacles (where viscous behavior dominates). Now depending on

the height where the boundary layer will be developed will dictate the height of the model. Considering the test section of the wind tunnel we are building is 3m so the height of the model should be around 1.5m.

UM: How is the wind tunnel facility, we have here is better than any other wind tunnel facility in India.
GS: It is not a matter of comparison, what we have here is actually supplementing the growth of the country. But we do have some special feature i.e. it has the largest test section 3m in height and 3.5 m in width

UM: What is the difference between the contraction cone and the test section?
GS: The structure of the wind tunnel begins with the fan section .After the fan section is the diffuser. After the diffuser comes the settling chamber. This is the largest area in the wind tunnel with an area of 632m. The expected velocity in the settling chamber is 6.7m/s. The settling chamber will reduce the turbulence of the incoming flow and smoothens it further. After those are the mesh screens to further reduce turbulence, then comes the contraction cone. Contraction cone connects the settling chamber with the test section of the wind tunnel. At this region the lower velocity air from the setting chamber is accelerated to a higher velocity at the test section. In the present case the length of contraction cone is 7m. The test section of the wind tunnel is 3.5 x 3.0 m and length of 22m. For simulating the turbulence characteristics in order to estimate wind loads more accurately, a long test section is needed to generate a thicker turbulent boundary layer representing natural wind properties at model scale. The larger cross-sectional area enables a larger turntable to be built (enable more upstream fetch). Boundary layer heights in excess of 1.5m will also be possible by having a floor which is much more roughened than the roof.

UM: Why do we require only the horizontal component of the wind why not a turbulent flow as it seems more natural?
GS: The main reason for the horizontal component is the development of the boundary layer. In order to observe the turbulent conditions we need to introduce different terrain conditions.

UM: What will be the current demand scenario of this facility once this is completed?
GS: All the tall upcoming buildings stand alone or structures which are part of other projects like chimneys and cooling towers in power plants which are prone to wind loading effects will be our subject.

UM: Considering the fact that there are not a lot of high rises in India ,compared to other parts of the world, so who will be our target ?
GS: This mega project is an investment in the future. In Mumbai there are towers which are 300m to 400m in height under construction and some are ready to be occupied, and considering the growth rate in real estate sectors metros like Kolkata and Delhi and Chennai will be following up. Jaypee group, Hinduja towers, DLF are some companies who will require our assistance.

UM: On a more personal note how did you get involved with the University and the project?
GS: I am a graduate from mechanical engineering. I did my doctorate and post doc in the wind engineering in Tokyo, Japan. After my post doc I had many offers, I came to know about this new facility coming up and it grabbed my attention

UM: How do you feel coming from an academia to a corporate job?
GS: Well it is not totally a corporate structure; we are working in a university. The academic environment always provides a great ambience for work. And while I am in college, there are no problems, a great campus and students all around. Anyone who works at this facility cannot be disconnected from academia, in all life is great.

UM: What is the estimated time of completion of the project?
GS: We are expecting it to be completed by December.

GLIMPSE OF CAMPUS

CAREER AVENUES

Actuary as a profession

Actuarial science is one of the most interesting discipline for students who like to analyze things and solve real world problems which will affect people's lives. Actuaries are experts in assessing financial impact of uncertain events and their work includes analyzing the past, modeling the future after assessing the risks involved, and communicating the results in financial terms to people concerned.

Actuaries add value by enabling businesses to make better decisions with clear view of likely range of financial outcomes. Traditionally actuaries only used to find application in insurance industries but now they are in demand in investment banking, project management, information technology, healthcare industries as well. It's a good career for anyone with good flair of mathematics, statistics and finance.

Who can become an actuary?
-Surprisingly to become an actuary – there are no age limits or qualification criteria, anyone 12th pass can become an actuary.
-Someone who loves logic and is a problem solver
-Someone with excellent business awareness.

Payoff

At entry level, actuary's income could be around 4-5 lakhs per annum. After gaining an experience of around 5 years and clearing good number of possible 15 papers, an actuary can earn 10-15 lakhs per annum. Immediately after becoming a fellow of Institute of Actuaries of India (IAI) one can earn more than 20 Lakhs per annum. Median salary for actuaries varies from $60k-$150k annually in developed countries.

Actuaries are like fortunetellers of business world, except they rely on statistics and not positions of stars.

Getting there

Begins by joining the Insitute of Actuaries of India as a student member for which one needs to clear an actuarial common entrance test (ACET). This exam is conducted twice a year. Visit http://www.actuariesindia.org/acet.html for more details. The candidate must have passed class 12.

After a student clears the ACET exam, he has to submit registration form and then he is eligible to write the actuarial exams. To become an actuary in India, a candidate needs to clear 15 (fifteen) examinations which are divided into four series namely Core Technical (CT), Core Application (CA), Specialist Technical (ST) and Specialist Application (SA).

In addition, actuaries enjoy learning, like to solve complicated problems, enjoy writing and talking to people, can work effectively alone or as part of a team, are interested in a variety of historical, social, legislative, and political issues. An engineer + actuary can make a great blend for a successful career as people armed with technical and practical knowledge doing finance always have edge over non-technical ones.

PLACEMENTS TILL NOW: AN OVERVIEW

With the arrival of year 2014, the 2014 batch of JUET is almost done with their placements process. Out of approximately 430 students, 376 students were eligible to sit for interviews. Majority part of the placement process was held at Noida campus where the final year students of all three universities JUET, JUIT and JIIT took part. The various companies that visited the campus were Accenture,Infosys,Ernst & Young,Wipro,Nirma cement,Yamaha motor solution,S&P capital IQ and APAC Consultant Pvt. Ltd.

The placement scenario of the batch 2010-2014 till date is that out of 376 eligible students 147 students have been placed by the mass recruiters like Accenture and Infosys with Accenture taking 110 students and Infosys taking 37 students. Apart from this Wipro recruited two students and Ernst & Young recruited one. Specific companies like APEC came for Chemical Engineering Branch which placed six students. Companies like Nirma Cement and Yamaha Motors also visited the campus and recruited six and one students respectively from various branches. The package offered by major recruiter like Infosys and Accenture is 3.25 LPA and 3.3 LPA respectively. Amazon and Thought works also visited the campus but selected none from JUET.

Right now students recruited by companies like Accenture, Infosys, S&P Lab and APEC are appearing for their condensed semester. For the students recruited by Accenture from CSE branch last semester started from 11th December with a training of twenty one days from 11th December, 2013 to 2nd January, 2014 at JUIT, Wakhnaghat.Their final examinations were held from 16th january,2014 to 17th january,2014.

The placement process is still ongoing the companies expected to visit JUET in future is Syntel and Aditya Birla Chemicals,while companies like Philips India,M tree software and SAP lab are expected to visit JIIT,Noida campus. Four students have qualified the preliminary round conducted by Shobha Developer. APEC,

SpORtS

covered by *Ashish K. Dubey*

Jaypee in UDGOSH 2013

Jaypee Premier League

The much awaited final clash of JPL finally took place on 10th of November. Deadwalkers came through and won the tournament by beating Rising Stars. Ankit Raghuvanshi captain of Deadwalkers won the toss and elected to bat first. With the magnificent batting of Sharang Deo Deadwalkers were able to post a respectable total of 62 after a shaky start courtesy Prakhar Pradhan and Subodh Singhal who took 3 and 2 wickets respectively. Later on chasing a total of 63 rising stars got off to a flier start, effort of Harish Lodha. At one stage victory was close for R.S being 46/3 after 8 overs but great comeback from Deadwalkers by some fierce bowling by Bhagwan Singh Meena and their captain. RS kept losing wickets at short interval like a castle of cards only the captain of team Ambuj could stay on crease for a while but that wasn't enough to sail to the victory. Deadwalkers won by 7 runs. Ankit Raghuvanshi was named man of the match and man of the tournament for 23 wickets. Harish Lodha was maximum sixes hitter of the tournament. Later, captain of Deadwalkers Ankit said he had a great support of his teammates and believed they would make a comeback. He was delighted by the bowling of his frontline bowler Bhagwan meena. Losing team captain Ambuj Sharma was happy with the team performance as he felt his team was being considered as an underdog before commencement of tournament whereas, the organizer of the league, Manas Singh was given honor by all teams for organizing the league. He said "I'm sad that my team couldn't win the league but on the other hand, the bright side was that league was a success and we would like to have such leagues on semester basis."

Basket ball League

In a very competitive match 2nd year defeated 3rd Year by 49 -28 to cement their places in finals. Shivanshu chauhan, the captain of the team became highest scorer with 32 points. In the Girl fixture, 4th year defeated 1st year by 20 - 13. Khushboo Manwani became the highest scorer with 8 points. Earlier in the league,

8th November
Girls: 1st year vs 2nd Year : Winners: 1st Year
Boys: 1st year vs 2nd Year :Winners: 2nd Year

9th November
Girls: 1st year vs 3rd Year : Winners: 1st Year
Boys: 1st Year vs 3rd Year : Winners: 3rd Year

10th November
Girls: 2nd Year vs 4th Year : Winners: 4th Year
Boys: 2nd Year vs 4th Year :Winners: 4th Year

11th November
Boys: 4th Year vs 1st Year : Winners: 4th Year

12th November
Girls: 4th Year vs 3rd Year :Winners: 3rd Year
Boys: 4th Year vs 3rd Year :Winners: 4th Year

13th November
Girls: 3rd Year vs 2nd Year :Winners: 3rd Year

SOHAIL FIRES, 4A MEN ARE BASKETBALL CHAMPIONS

In basket ball league finals between men's team of 4A and 2A, 4A team defeated 2A to win the finals and the final scores of the match were, 37-21 with Sohail Ali Khan from 4A scoring 14 points. After the match our correspondent Ashish managed to get hold of Sohail for a chat, "Did you expect to win the match?", We did expect to win but yeah it was a close fight and when asked did he face any competition on an individual level he said "2A played really well, they gave us fight till the very end, but we were better". "What was there on your mind before the match began, were you expecting a fight" he said "Oh yes, we were expecting a stiff competition as we knew, match with 2A won't be a cakewalk for us and Shivanshu and Harshit played really well and their

Heavy Artillery fire byAshutosh and Rohit eals the win for 3A

A show of unmatched skills were portrayed during the men's league final. When both teams 3A and 4A walked up to play, it was an exciting moment to witness Both the teams had players with great skills and techniques but it was 3A in the end, which bagged the title. Ashutosh became of

righteously the Player of the Tournament.
The finals started off with a magnificent game between Shubham and Ashutosh which went in the favour of team 3A. The score being 21-16 and 21-10. A highly animated rohit and probably the toughest contender Tejas really sweat it out for this one. Rohit somehow managed to claim the first set by 22-20 and came back strong and won 21-11 in the next.
The doubles match up really made the third year players sweat as Aakash and Shubham made it sure to bag this one for there team.
It was all about one more win, so it came in form of Uttkarsh beating a relentless Anuj in a three setter.
the title finally fell in 3A's side. Celebrations followed after the games and in between that we had a quick chat with the artillery duo, Ashutosh and Rohit.
"Ashutosh, have you been playing nationals or what? who do you think can actually compete with you on the court?"
" I have played for clubs earlier and it's nothing like that. I feel every one is a serious competition here especially fourth year!"
"Rohit, we saw you a bit out of focus in your singles match? Why was that?"
" It was because of nervousness and somewhat crowd fear. It was just that i wasn't giving my 100% at some points"
"Ashutosh, During the prize distribution, Mr. Rajeev Saxena, the Chief Guest mentioned that the third year has received significant training from the fourth year, anything you have to say on that?"
"They are all really skilled players and each one of them is very supportive and they are the ones who come before us to the courts for practice every day and it's just great to play with them"

"Rohit, What do you have to say about your opponents today?"
"I absolutely agree with Ashutosh, even when we go out to play on a state level, they have are the ones who have really guided us and have imparted great skills"

TABLE TENNIS

AKSHITA'S BRILLIANCE GOES IN VAIN, 2A WALKS PAST 4A TO WIN THE TITLE

2A Team faced the defeat from 3A by losing all the three matches on the day 1. The following are the results :
Game 1: Raman vs Gautam : 7-11 and 9-11
Game 2: Abhishek vs Saurabh: 4-11 and 6-11
Game 3: Sparsh vs Kapil : 12-14 and 12-14
After the games, we had a chat with Sparsh (2A) and Kapil (3A) who made it real tough for each other during the game.
"It was a brilliant show of skills out there Kapil. Tell us about your views on the importance of concentration in a TT game?"
"I feel concentration is something which holds the key to perform well and there should be no fear when you are out there serving against your opponent."
"What about you Sparsh? Since how many years you have been playing TT? What do you feel holds the key?"
" I have been playing since three years now and I feel TT is about improvising during the match because according to my experiences a player only performs 20% of the practice he has done. So analyzing your opponent is a big factor and patience really holds the key."

This evening the badminton league finals took place in MPH. With Akshita captaining 4A, 2A still saw its chances to win.
The match started up with Akshita outperforming Pooja and taking an early lead in the game by 21-16 and 21-19
Thereafter it was all about 2A, the double's performance really made the difference between the two teams. When pooja and shipra set foot on the court, they showed a good team play which eventually won them the title with a score of 21-17 and 21-14 in the double's matchup.

The 4A team lost hands down but Akshita did fetch the Player of the Tournament trophy.

After winning the title we had a conversation with both Pooja and Shipra, from second year. Here is what they had to say.

"Pooja, tell us about the nervousness you must be having when you were up against Akshita?"
"Yeah, i was quite nervous since she plays very well but i knew drawbacks so i paid more attention on placing rather than smashing"

"Shipra! You turned out to be a comprehensive winner in your match with pooja from fourth year, anything special you have been working out?"
"It's about the right planning and i believed in myself all throughout the match and everything went well"

"Pooja, You both came up as a successful team, what holds the key?
"Co-ordination is something which really matters and both of us have really worked on that"

KNOW YOURSELF

Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do, so throw off the bowlines, sail away from safe harbor, catch the trade winds in your sails. Explore, Dream, Discover. –Mark Twain

When I was 5 years old, my mother always told me that happiness was the key to life. When I went to school, they asked me what I wanted to be when I grew up. I wrote down 'happy'. They told me I didn't understand the assignment, and I told them they didn't understand life. –John Lennon

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