

# The Observer

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University E-NewsLetter

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## In Conversation with an Erudite Professor

Dr Sanat Agrawal has done his graduation and doctorate in Mechanical Engineering from IIT Kanpur, UP, India. He obtained his M.E in 1990 with honors from University of Roorkee, India in Mechanical Engineering. Dr Agrawal has several publications in national and international journals. He has also published a book. He is a reviewer of reputed journals

***In spite of having great opportunities abroad, what brought you back to India?***

After completing my higher education from India, I went to abroad

for some experience. I took some experience at NIST, USA. Then I went to South Africa. But I wanted to contribute to this country as there were good facilities coming up in India and (Contd... pg 7)



## Report on Independence Day

*Freedom in the Mind,  
Faith in the words ...  
Pride in our souls ...*

15th August, 1947, the day is etched in the minds and hearts of all Indians. India gained freedom after years of struggle against the British Rule. Independence Day of any country is a moment of pride and glory.

JUET always takes a lead in celebrating festivals of national importance with

great enthusiasm. The day commenced with a marathon titled "HEALTH RUN" conducted by the Sports Wing from 6.30am. It instilled the feeling of community support in students. To further motivate student there were winners of the race also been selected among the one who participated.

The ceremony started at 10.30am with the presence of H'onorable Registrar

and students. The celebration started off with a patriotic and soulful vandana and was followed by a musical drama which paid tribute to the great freedom fighter of our country Bhagat Singh who fought selflessly for the freedom of our country and sacrificed his life to free his motherland from the clutches of the oppressors –British who



ruled India, following this there was a monologue depicting the sentiments and rise in spirits of Indian ladies, realizing a dream to be a free nation, free from the shackles of colonial rule.

In remembrance of this day students shared their feelings and portrayed their patriotism through poems, speeches and patriotic song. Students highlighted the unity of the nation in spite of the communal disparity existing even today. They marked this day with patriotic spirit and commemorated the sovereignty of our country.

Honourable registrar sir addressed the gathering and

laid light on the root of termite of corruption and emphasized on principle values which students should follow in order to become better persons.

The morning programme concluded with the vote of thanks and National Anthem which was sung in unison by the gathering. But the celebration did not end here. In the evening around 4.00pm there was an essay competition which was organised by the JYC Literary Wing named "Yaad Karo Kur-bani" on the topic "90 Long Struggle of Independence have the gift bestowed by our elders being forgotten" with the huge number of participants from which we got our winners of essay writing as:

**1st-Abhikalp Singh, 2nd-Bipasha Mohanty and 3rd-Kirtivardhan Mishra.** Indeed it was a day of joy, a day to love and respect our country and make it a better place for people to live and experience the freedom and unity in diversity.



(Sumedha Sagar)  
(Pakhi Jadon)

## The JUET Lake

The JUET campus boasts in itself a magnanimous blend of nature and modern ecstasy. One of its many such beautiful elements- The Lake defines a scenic state of art form. The serene and the calm atmosphere that prevails around it embraces a diverse array of flora and fauna.

This 280m long and 68m wide lake with the maximum depth of 6m, is surrounded by eye catching, made in heaven like traces of flora- The Ficus Benjamina, Bottle Brush, Champa, Kachnar, Gul Mohar, Yellow Bamboo and many such of its own kind. Our lake also encompasses the wide variety of fauna,



The Red Wattled Lapwing, King Fisher, Blue Jay, Pond Heron, Egret, Babblers, Bulbul, and along with some fish species, thrives in this biodiverse region.

One of its very traits that define the gleeful-ness of this flawless cascade is the clean and green aura that never fails to mesmerize. The chirping of the birds, along with swaying of vibrant tree leaves and the leaking light of the setting sun which adds a golden tint to the face of it refers to its grandness. How

The decadent grass and the wonderfully crafted rocky pavement that surrounds the lake, is where the most of us sit down and move speechless in a way admiring the deep tropical blue color of the water our lake has- the kinda color we see in the brochures of The Bahamas casting in us the very own Caribbean like vibes. The two jaw-dropping and eye-catching islands that stick to the bottom of the perfectly carved lake bed gives us the perfect illusion like they were floating, resembling an enormous bowl occupied by another rainbow colored shrubs and the bushes. The lake has its own personality- like a person in its self, full of many different levels.



# Placement

## The speculation of Every Engineer

The lake sets the greatest example for relaxing the tiresome day, with group of folks playing Antakshari together or the Damsharas or sometimes exchanging views about their future vie, courtesy- the clam and the hush that holds in there. At night, no sound rings out from the shimmering emptiness of space around it. The idyllic scenes at the times of dim shadow has taken many breaths away. The lake is a symbol with which most of us, remember how it felt to be YOUNG on the day, they visit THE JUET LAKE.

(Shantanu and Abhikalp)

ing technical talent pool.

Due to recent FDI norms, and high influx of venture capital by firms like Soft-Bank , Tiger Global, Sequoia capital, start-ups are blooming in country here and there and there are more tech start-ups currently in industry than ever before, which presents students amazing opportunity to work & line while companies are still young.

Many students of our Univerisity's 2014 batch are joining start-ups including Sid Verma, Dhruvil Narang, Utkarsh Pandey .

JUET is one of the many engineering colleges across the country but

Job searching is like piñata, if you hit it hard enough, you'll be rewarded. Final year is welcomed with the season of madness conventionally known as "Placements " . Whether be it class or cafe, if there's one thing students talk about - it's placements!

Students who end up getting jobs in high end companies become overnight stars. People end up admiring their work and boasting their hard work but for few others this season may be a nightmare. From the day

what it offers, very few colleges do. It has an independent Training & Placement cell, headed by Mr. Digvijay Singh. The previous year placement results fetched a good no. of students which were a fortunate start. Our college witnessed 2 companies - CTS and Infosys .The total selections after written test were pretty low, they were – 150 odd but after interviews we witnessed only 28 deductions (that's 74.5 % conversion rate from interview to placement) & 117 students were finally selected. An utter surprise was the outperformance of other branch students over computer science students. Such outperformance is a rare sight in our university "Students low performance in Infosys was well supplemented by the written performance in Cognizant in which 266\* of 480 cleared written "quoted .

we step into the campus we are constantly reminded that at the end of four years all that matters is to be placed in at least one company while graduating.

Today, around a one-fifth of the million students graduating out of engineering colleges run the risk of being unemployed. Those who do get placed in companies might take jobs well below their technical qualification, a market where there are very few jobs due to the overflow-

Mr. P.S. Banerjee, the training and placement faculty head. Due to unnatural reasons, selection count came down to 140 after the interviews in Noida. That is 52% conversion rate of an interview to the placement of CTS (contrasting to 75% of Infosys, which had on-campus interviews) .

Around 24 students were able to receive offers from both the companies.

These mass recruiters offered a package of approx. 3.45 lacs. Mr. Sumit Gulati, a final year student has been selected by Amazon as in intern for six months which was converted to a full-time job and this landed him a job of 24 Lakhs which was the highest package of 2016 batch.This is the time when their years of hardwork turn into

(Contd .. pg 5)

# Framing the Issue

## *Indo-Pak Conflicts..*

### Summit Rivalry of INDO-PAK

After the divide and conquer rule of Britishers, Kashmir issue got a massive heat & it's still a main cause. Since that day the issue becomes a crap hurdle in the relationship's of both the countries. Since then many bilateral wars and LOC breakdown took

Since 1971, the first instance of surgical strikes at seven terrorist launch pads across the Line of Control (LOC) in Pakistan took place around 12:30 am on Thursday. The media across the world is covering the incident while India is, of course, hailing the efforts Indian Army. 7 Terror launch pad were destroyed during the surgical strike.

Almost 38 terrorist, 2 Pakistan soldiers were killed in Indian army surgical strike, no Indian casualties. Those killed include terrorist, guides and their handlers.

The hero behind the curtain who planned the complete operation is the

such as war of 1965, 1971, Kargil war and so on. With having terrorists masterminds within the country, Pak had targeted and worked on many big terrorists attacks and bomb planting in India such as 1 of the most cruel attacks of 26/11 in Mumbai Taj Hotel, station & city legendary Cafe. Under the democracy of Congress, plenty of crap meetings and conferences took place but no such desirable outcome appeared & when PM Narendra Modi party comes into act, things

National Security Advisor (NSA) of the country, Ajit Doval. Ajit Doval is the 5th and current National Security Adviser. He spent 7 years as a spy in Lahore, Pakistan. Doval was also India's main negotiator with the hijackers of Indian Airlines' flight IC-814 that was hijacked and taken to Kandahar in 1999.

*Recent attack on Uri.* Jammu and Kashmir has raised serious concerns for India as 17 soldiers were killed and 23 more were injured.

This is supposed to be the heaviest blow the army has suffered in a single incident since the insurgency began

and went to change. Since then, Pak starts feeling the immense pressure. Relations between India and Pakistan have been complex due to a number of historical and political events.

*Team Modi biggest decision ever in politics comes into act*

*NSA Ajit Doval :the man who planned surgical strike against Pakistan. Pak cross the limit India cross LOC*

in the valley in 1990 according to some observers. After the attack at Uri CAMP which is estimated as 1 of the biggest attacks at a nation base in Kashmir led India to raise a urgent conference meeting.



**(Contd...pg 5)**



into achievement. At the end, it is all about how they image themselves to the interviewer. For those pursuing their fortune remember - "Success comes from curiosity, concentration, perseverance and self-criticism."

An encouraging thought by our Faculty Cordinator Mr. P.S. Banerjee ,“ At the end do trust in God and even if you are an atheist ,think that there is something really big enough which can do well to you ” and all will end well.

(Shubham Kapoor)  
(Shubhangi Mehrotra)



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“Most people give up just when they are about to achieve success. They quit on the one yard line. They give up at the last minute of the game one foot from winning touch-down.”

## Framing the Issue

(Continued from pg 4 )

Recent status conveys that india lost 19 soldiers during the mess in URI camp.This is the second attack on military establishment after the Pathankot air base attack this year.

*SAARC meeting at Islamabad get rejected by Modi to attend the crap out of it..*

Citing continuous cross-border terrorism by Pakistan against India, the government of India announced that " India is unable to participate in the proposed summit in Islamabad"

JK, Punjab, Rajasthan, Gujrat BORDER put on HIGH ALERT The Border Security Force (BSF) has put all its units along the International Border on high alert in the wake of the surgical strikes by India on terror launch pads across the Line of Control (LoC) on Wednesday night..BSF has restricted all civilian movement along borders with Pakistan and has also been asked by the Centre to provide manpower to local administration for evacuation of people from border vilages to safer locations.

(SarThak Agarwal)  
(Sudhanshu Saxena)

## आज यह भी

### देख लिया

कुछ बनता, बगिड़ता देखा आज,  
कुछ टूटता, बखिरता देखा आज।

एक बचचा देखा जो बड़ा हो गया,  
एक मीठा पल था जो कड़ा हो गया।

प्यार की ताकत भी देखी,  
नफ़रत का बल भी देखा।

जीवन की सच्चाई भी देखी,  
और ज़निदगी का छल भी।

इंसान की कमज़ोरी ही उसकी ताकत है,  
आंसू के साथ गम बहाना, एक पुरानी  
आदत है।

अंत भला ही होता है,यह भी मैंने सीखा,  
और  
अगर वो भला नहीं ,तो वह अंत नहीं,

अंत की शुरुआत है,  
बुरा नहीं है कोई यहाँ ,

बुरे तो बस हालात है।  
कुछ बनता, बगिड़ता देखा आज,

कुछ टूटता,

बखिरता भी देखा आज।

(Ashay Pare)



# Vocabulary of a winner

Ninety long years of struggle for independence.

**Have we forgotten the gifts bestowed upon us by our ancestors?**

The Indian saga of independence is one among many that took place over the years. Yet there has always been something unique about our own country. Be it the idea of a secular state, or our glorious preamble from the constitution

elders were working ever so hard to restore their birthplace, their motherland to its full glory.

With the idea of a secular state, the world now admired, and even does till today, the strength which holds so many religions and cultures together at one place. Over the years India has been taking giant leaps towards being a developed nation. This country has seen a never ending wave of intellectuals, all set to take it to new horizons. Be it Swami Vivekananda or Mahatma Gandhi. From Jawahar Lal Nehru to APJ Abdul Kalam, there has

marking sovereignty and fraternity as one of the many basic rights of the people of India; this land of unparalleled beauty be it of nature or of people, has fought more than just once to be where it is. The struggle of 1857 marks the first struggle for independence, and since then, for about a century, we saw a great outpour of leaders. All ready to fight, some eager to even sacrifice themselves for the sake of oneness and restoration

been an abundance of names to be proud of. In modern times, since the onset of 21st century, India has taken giant strides in going about becoming one of the fastest developing nations. Problems like poverty, corruption and lack of education are now being addressed with better resources and with gifts of oneness, the idea of a democracy, fraternity and the passion that is so often associated with the tricolour or the Ashoka chakra for all of these are, but the gifts bestowed by our elders. Every country faces challenges and problems and India is no exception. But with our unified idea of

of people's own government.

Our elders fought way too many battles to get us where we are. And for decades we've taken pride in singing their names and holding them high. India became independent on August 15th, 1947 and the entire world witnessed as a glorious nation rose from its own ashes. India was the phoenix that the world now admired. At the same time our leaders and

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secularism and unity in diversity, we've got enough calibers to tackle any situation ranging from an array of social issues. The basic ideas passed on to us by our elders can never be forgotten and the simplest demonstration of such a claim is the very essence of the topic of this essay. As long we're 'woke' and addressing and keeping a check on such topics; we would (however probable or not it may sound) never forget the very basic idea of the nation INDIA passed on to us by our elders.

(Abhikalp Singh)



# Carnival on wheels

The evening of the first of October was filled with fun and entertainment. Having slaved away for quite some time over the preparations of 'JUET Carnival', the students were quite understandably crestfallen as the weather turned against them, ruining all their bright plans for the evening. The event was proposed to begin at 20:00 hours, at Nehru Plaza in the evening, and expected to last till 23:00 hours,

taken. Fortunately, the disc-jockey (and hence the dance floor) were shifted to the nearby school 'Jai Jyoti School'. While the 'Cultural Wing' got off seemingly easy, the 'Art N Event Wing' faced dismay as their end of the Event was postponed for the following Saturday.

They seemed to have drawn the short end of the stick however, when the event was shifted to a later date, postponed to a figure after the 'Diwali holidays'.

The suddenly-turned 'Dandiya night' in itself managed to attract a moderate crowd, despite promotions for the event not lacking in any way. The event started with the

in the evening, and expected to last till 23:00 hours, ending an hour before midnight.

The planned event consisted of an open-to-all dance floor with a disc-jockey, a flash-mob (aren't flash mobs supposed to be a secret affair?), and other cultural events that would add in their own ways a cultural and relatively native tinge to the entire event, for example, a 'mehndi-designing' competition. The hard work put behind the event by the two collaborating wings, i.e. the 'Art N

with no surprise there), which consisted of pop songst. However, it ended with a Dandiya performance, which seems to reinforce the reports that this was also a 'Dandiya Event', and also that this was a performance promoting native culture.

After an assiduous effort of all the students throughout the semester this event came as recuperation for them. Not only did the event pack a lot of merriment but also got the involvement of students in traditional events such as Dandiya.

All in all, the event was a sour success, with participation falling a bit behind, and a disappointed 'Art N Event Wing'. The constant attempts of the student body, however, to maintain the atmosphere of activeness and festivity in the campus

Event', and the 'Cultural' Wings was certainly commendable, with the former managing to have even huts made- to promote the Indian theme, and the latter managing to organise a flash-mob consisting of over 30 students.

All these preparations, however, turned out to be rather futile, as the weather turned rainy, despite a sunny start to the day. With the grounds ruined for any activity, an immediate action had to be

is highly appreciated, and it is hoped that these attempts to belay the monotonous continue.

The starting of the event was a little off the track but it was the ecstasy of the audience and the fire in their enthusiasm that brought the rain made wet event back on track. The event got a prodigious feedback from the first year students who for the first time got a platform in the University to enjoy themselves.

**(Sarthak Pandey)**



## In Conversation with an Erudite Professor (Continued..)

***A HOD has a lot of important and diverse roles to play, Sir how do you prioritize them ?***

Yes! Taking care of the academics so that all B.tech curriculum is up to date and at par with the premier institutions. M.tech program is up to date. Starting the post graduates programs like M.tech in Manufacturing Technology and ensuring that there are PhD scholars doing research here in our

*Active interaction between industries and academics will develop the personality of engineers to become the future leader of industrial establishments.(from Website)”*



*(Prof.Sanat Agrawal With interviewers)*

***Sir as you know our university is in it's initial state. Where do you see our University in next 10-20 years?***

In the next 10-20 years I see that a lot of research work will take place. By now we cannot get large amount of funding. I see that in the coming future, we'll have more funding. We are going for NAAC.

campus.

Then keeping the faculty members together so that we work as a team and we motivate the teachers along with students.

***So it's really a tough role!! So how do you manage your personal and professional life ?***

That's a good question! Well, it's not easy. It takes a lot of efforts. We have to manage. Somehow we manage.

***Sir if you were to write a mission statement for mechanical***

Once we take care of the placement in core engineering, students will excel. But main focus is that we would have a good research environment.

***So you want this institute to work for the nation.Sir, there are Institutes of National Importance i.e. IIT's, NIT's how are we going to compete with them?***

Yes all endeavor is in that direction itself. If you look at any ranking of India Today or any other ranking, you will see that the number of institutions in top 20 are private institutions. There are lot of problem in the Govt. organizations, there is a lot of Govt. interference at IIT's, NIT's related to funding etc. If you look at the situation abroad most of the good universities are private universities as

***department, what would it be? Like mission statement for Mechanical department in particular.***

Mission of Mechanical engineering department.... Our mission is that our students make a career. Well, you will find the mission and vision statement; I will upload it in the website“*Our mission is to make the Department a “Centre of Excellence” in the field of Mechanical Engineering envisaged as a Department with highly developed educational infrastructure, excellent faculty with international exposure in modern technologies and active association with the relevant industries.*

they are well funded. Thus the future is of the private universities.

***So sir, apart from Internet being one of the major technological advancement for today's generation, what other advantages do we have?***

All are distractions!! Mobile, TV, Internet these all are distractions. Advantage is that we are now able to build supercomputers. Now if you call the metallurgical department they are installing super computers. So, computers give intensive jobs that can be done. So with computer becoming powerful we are able to have 3D Printing using CAD software.



## In Conversation with an Erudite Professor (Continued..)



(3-D Printer installed in Additive Manufacturing Lab)

**Sir, in your opinion which generation was better? When you were a student or students nowadays?**

Frankly, it's not about which generation is better.

to result in manhandling of students, physical ragging, emotional ragging, so that was not good, the situation was like in 80s and 90s that freshers were scared to join, most of the students used to join and come back, I would like it to be removed, there are several other ways to know seniors.

(Navneet Khare)  
(Anoushka Sharma)

That time was better because most of the things were recycled. Now it's a use and throw system. Now consumer is growing more and more. It's not the fault of the generation, maybe our generation produced those things. Those things were invented by our generation.

**Sir in your views what is the role of the JYC?**

Yes, It has a very vast role, it helps in character building, personality building of the students and I would like JYC to be more

active, I want more people participating in the JYC activities.

**Sir, some of the previous engineers like alumni they say that ragging was an integral part, because in their view student get to know their seniors.**

This can't be named Ragging, Ragging is bad, we have learnt from experiences, I think ragging is only in india, it is not in other countries, in India it is deteriorate, it used

### A Peck of Gold

By: Robert Frost

Dust always blowing about the town,  
Except when sea-fog laid it down,  
And I was one of the children told  
Some of the blowing dust was gold.

All the dust the wind blew high  
Appeared like god in the sunset sky,  
But I was one of the children told  
Some of the dust was really gold.

Such was life in the Golden Gate:  
Gold dusted all we drank and ate,  
And I was one of the children told,  
'We all must eat our peck of gold.

This poem makes me think about all the things that people stopped doing because they found something better.

I think this poem is about life in the gold rush and how if you didn't find gold, you wouldn't have the money to eat. In the gold rush, people were going crazy and searching for gold. And now it is a place where nobody thinks about the gold anymore and it is still there.

# He Is There ,He Is Not Silent

God speaks a lot but we are deaf, we are deafened by this world and all their junks. God is not silent. God is constantly trying to talk to us.

Through blooming flowers, through grass, which constantly tries to push through dead asphalt, through blue sky, which is poisoned and dirtied, because of cars, factories, power-plants, through trees, which are constantly cut down, through clear cold water, which is poisoned with garbage and chemicals. God is around us. God still tries to return Earth to its beautiful, living, hospitable place for people, his/her its children

God is trying to talk to us through soul, but humans too busy killing, humiliating, stealing from each other, destroying God's planet, doing work they don't like instead of freeing mind from thoughts just for a little, listening to their soul. God tried to speak to us directly through some of his/her/its children, but what humans did? They killed those children.

How else you want God to talk to us? That clouds separated, light came down with music, and giant shining bearded old man came down and said with thunder voice: "Hi, my children, I'm your God!"

like in cartoons? Will people then be satisfied or still scientists will ask for his urine, shit, and blood for analysis, so they can prove that he is God? And then try to kill him, because people won't like his authority and truth, which he will say.

**(Dishant Bajpai)**

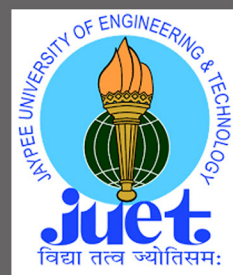


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