

# ERUDITE

A Kaleidoscope of Talent

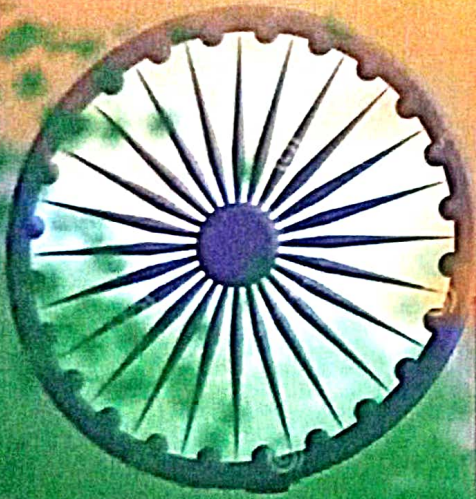
2016-17



**BIRLA INSTITUTE OF TECHNOLOGY, MESRA  
NOIDA CAMPUS**



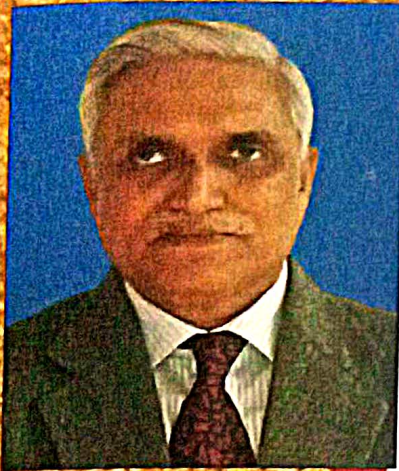
खुशनसीब है वो जो वतन पर मिट जाते है,  
मरकर भी वो लोग अमर हो जाते है,  
करता हूँ उन्हें सलाम ए वतन पे मिटने वालो,  
तुम्हारी हर साँस में तिरंगे का नसीब बसता है ।



अमर  
जवान

*We are awed by our soldiers steadfast dedication, esprit-de-corps and valiant sacrifice. We  
dedicate this issue of Erudite to their outstanding professionalism, physical and mental  
toughness and selfless service.*

# Our Revered Vice Chancellor



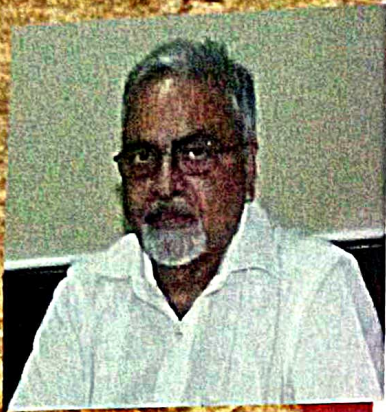
Having done a creditable job with the maiden issue of annual college magazine, I wish Noida campus all the very best and encourage them to continue this further in the areas of innovation and excellence. This is a very good initiative which is being carried forward and it will help in maintaining the reputation, this institute has gained in a small span of time.

The magazine will once again showcase the multiple activities taken by the college for the benefit of the students and how our students excel in all of them, showing their talent, perseverance, hard work and dedication. I take this opportunity to congratulate the director, staff and students for their strong sense of commitment, service and responsibility.

My best wishes for continued progress and success.

**Dr. M.K Mishra**

# Our Esteemed Director



An information radiator plays a major role by not only dispersing information but also motivating all of us to keep getting better by building confidence from the past. Our College magazine is truly one such source of information radiator that reminds us of our achievements and strengthens our resolve outlined in our Motto: "Sa Vidya Ya Vimuktaya" (Learning is that which liberates).

This second edition of BIT Noida Campus's Annual Magazine ERUDITE provides a glimpse into the highlights of College activities, events and achievements that took place in the year 2016-17. The college is a canvas, a blank sheet with limitless opportunities to learn, grow and perform. It is the students and staff which are colors that make the institution shine bright and stand out from the rest. We make it alive with our energy and passion.

I would like to congratulate the students and staff for putting their energy and efforts to make the past year a success. I look forward to the next year with renewed zeal and zest to enhance our workplace a sanctuary for those who yearn to learn, students and teachers both.

Dr. Munish Makkad

# From The Editor's Desk



A year has gone by and we all have become older but wiser. Time flies and indeed it has, as it seems just like yesterday when we presented to you the very first edition of our Annual college magazine. It has been an exciting journey and we hope to continue it with the huge support of the entire BIT family and all the well-wishers of our college.

Our team is dedicated in generating creative content which not only showcase the brilliance of our students but also their dedication, effort and hard work put into it. To come up with exciting and creative ideas at such young age makes us wonder about the kind of talent our students have. The magazine reflects their excellence in academics and co-curricular activities.

This year we have come up with new and interesting content about various aspects of social and academic life at BIT Noida. We also take this opportunity to interact with some of our alumni who are doing us proud in their field of work.

We would also like to deeply acknowledge and thank the teaching staff, the non-teaching staff, photographers, support staff and everyone else who work behind the scenes to make this initiative a great success. It could not have been possible without their extensive support.

I am also pleased to announce that we are enhancing our infrastructure which will give us the necessary boost and help us to stay on toes with the world.

Thanks & Regards,  
Charu Wahi

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# C ontents

How to Use  
Acknowledgement for  
Project Work

Idea  
VISION  
TODO

Innovation



# BIT MESRA, RANCHI

Established by the visionary industrialist Mr. B.M. Birla in the year 1955, the institution has come a long way and all the while showcasing an excellent collection of achievements, people and efforts. BIT MESRA has an uncompromising standard of excellence and this has translated into all aspects of its activity. The main campus was carefully designed to be a cradle for young technocrats who would mature into major contributors in the national and international scene. For more than sixty years now the main BIT MESRA campus has comfortably achieved this goal by shaping minds and careers .

## Fast Facts

- **Established in 1955 by Mr. B M Birla, a premier technical institute and deemed university.**
- **Main Campus Size - 780 acres**
- **Total number of registered students across all centres more than 10,000. Doctoral students - 150 .**
- **Programmes offered - Undergraduate, Post-graduate, Doctoral**
- **Graduate degrees awarded - over 18,000.**
- **Postgraduate degrees offered - over 2500.**

## Extension Centers

### WITHIN INDIA

ALLAHABAD  
DEOGHAR  
JAIPUR  
KOLKATA  
LALPUR  
NOIDA  
PATNA

### OVERSEAS

MUSCAT  
RAS AL KHAIMAH

# NOIDA CAMPUS

Birla Institute of Technology, Noida Campus is one of the leading Technical Institutions in the National Capital Region. Established in the year 1998, the Institution has set bench marks every year, and grown into an Institution of Excellence in Technical Education. Located at the entrance of NOIDA, BIT Noida Campus has become a household name for its excellence in Discipline, Teaching, Research, Training and Placement. Today, BIT Noida has total student strength of over 800, who are mentored by more than 75 Faculty Members. Its rich academic tradition has always attracted the most talented students who later on went on to make important contributions to the society.

The vision of BIT Noida Campus is to stimulate both the hearts and minds of scholars, empower them to contribute for the welfare of society at large; train them to adopt themselves to the changing needs of the economy; advocate them for cultural leadership to ensure peace, harmony and prosperity for all.

Noida campus is coming up with new state of the art building and with new building new facilities and features will all come up for next generation of students.

## PERSONS TO LOOK FOR ACADEMIC ACTIVITIES

DEPARTMENT	FACULTY/STAFF MEMBERS
DIRECTOR	Dr. Munish Makkad
REGISTRATION	Ms. Charu Wahi
EXAMINATION	Mr. Aruna Malik
ANIMATION & MULTIMEDIA	Dr. Suparna Dutta
COMPUTER SCIENCE	Mr. Anil Kumar Singh
MANAGEMENT	Dr. Vandna Sharma
DOCTORAL & RESEARCH	Dr. Meenakshi Sharma
PLACEMENT	Dr. Monika Bisht

## NON-ACADEMIC ACTIVITIES

DEPARTMENT	FACULTY/STAFF MEMBERS
ASSISTANT REGISTRAR	Mr. Abhisek Mohapatra
ADMISSIONS	Mr. Amit Nindrajog
CULTURAL	Mrs. Rachana Pratik
SPORTS	Mr. Manoj Kumar
ACCOUNTS	Mr. Pavan Chandak
LIBRARY	Mrs. Monika Verma
MAINTENANCE	Mr. R.S. Tripathi



# DEPARTMENT OF ANIMATION & MULTIMEDIA

As the youngest and perhaps a unique department of BIT, Mesra, the Animation & Multimedia Department enjoys many initiatives that the University is proud of. The first and the most important amongst them is that we were the first to offer a UGC degree at the bachelor's level in the field of Animation & Multimedia in India. Our department was conceived as an UGC innovative centre/ programme with a grant from this apex body. Thereafter, our quest for excellence keeping in pace with the quality and vision of our mother campus at Mesra has been a priority and a prerogative. As a result, Hindustan Times has been constantly rating us the best Animation School in the NCR alongside elite institutions like the (IDC) IIT, Bombay & NID, Ahmedabad at the national level.



We are not only proud but are equally confident of our rankings because this is the result of our hard work and the unstinting support from our main campus. We are sure footed as we boast of a department that has state-of-the-art hardware as well as a curriculum that is designed by the best of the academia from top ranked institutions of India like the IIT, Bombay, Indian Institute of Mass Communication, New Delhi, Jamia Milia Islamia, Presidency College Calcutta and the like. Yet, the application is all our own with a team of highly motivated faculty with latest industry experience and connection. As a reason we have been able to connect our students with the latest trends in the industry through stimulating workshops and guest lectures from experts from the industry as well as the academic world.

Apart from this our endeavor is to give students due international exposure. The previous semester saw an international conference on Multimedia Communication that was supported by the SERB, Government of India and Co Sponsored by the KENT State University, Ohio USA. We hope to repeat the performance in the near future again.

Along with this, our curriculum is designed to overcome sloth and monotony through exhilarating outdoor sessions where students learn to learn through fun. It is all this - our hardware, curriculum, pedagogy, faculty strength along with the great students who choose to join us with which we wish to make a statement in the field of professional training that we are a force to reckon with campus.

**Dr. Suparna Dutta**  
**(In-Charge)**

# Plethora of Thoughts

Someone...



Somewhere in this lonely world...I met 'Someone'...

Someone..., who was very near and dear to me,  
Someone..., who's a part of lots of good memories,  
Someone..., who was there for sharing from class notes to heart nodes,  
Someone..., who became my best friend... perhaps more than that....

No matter...how close or far we're,  
No matter...what the time and weather,  
No matter...What the nasty world said and hear,  
We were always together, and thought it to be forever...

And the time flew at sudden...  
Not once did I expect this to happen,  
Never in my wildest dream that I've ever fallen,  
I had never thought to be so badly-riden...

The reality broke me into pieces,  
It wounded me bad as it came to my senses,  
That she belonged to someone else,  
And I was left alone with heart's broken piece...

I felt really betrayed,  
As she left me for one of my mate,  
I was filled with anger and hate,  
All I had was guilt and rage...

I chose heart over brain,  
Hence I was immersed in grief and pain...  
Why would I get sad and cry,  
When I know her words were filled with lies...

Now I regret for wasting me in vain,  
How could love become such a game?  
Although she did me wrong,  
Still I can stand strong...

Thanks for making my feelings gone,  
Thanks for the rudeness shown,  
Thanks for leaving without any reason,  
Thanks for teaching me life's best lesson in a short session...

Vedant Setu  
BCA/4521/15

# LUCK



He worked by day  
And toiled by night  
He gave up play  
And some delight  
Dry books he read  
New things to learn  
And forget ahead  
Success to earn  
He plodded on  
With faith and pluck  
And when he won  
Men called it luck.

Ayushi Gupta  
BBA/4567/16

## DIGITAL INDIA



Digital India is a campaign launched by the government of India on 1st of July in 2015 at Indira Gandhi Indoor Stadium, Delhi in the presence of various top industrialists. It aims to make India a better-governed place of the world. This project has been approved (worth Rs 1 lakh crore) by the Prime Minister of India, Shri Narendra Modi and expected to be completed by 2019. The success of this program would be the dream come true of Narendra Modi of serving Indian people with e-governance. It is to facilitate Indian citizens with electronic government's services in order to reduce paperwork, improve work efficiency and save time.

This plan will really ensure the growth and development in India especially in the rural areas by connecting rural regions and remote villages with high-speed internet services. The overall project monitoring will be under the Prime Minister himself. Citizens of digital India may improve their knowledge and skill level after getting covered under the umbrella of an internet. It is an ambitious project, will benefit everyone especially villagers who travel the long distance and waste time and money in doing paper works for various reasons. It is a most effective version (with nine pillars which are broadband highways, public Internet access program, mobile connectivity everywhere, e-Kranti, e-Governance, information for all, IT for jobs, early harvest programs and electronics manufacturing) of already existing National e-Governance Plan.

Satish Jha  
BCA/4528/15

*"Instead of thinking outside the box get rid of the box." - Deepak Chopra*



## **Our Society...** **(Let's face some harsh reality)**

### **We live in a society...**

- Where you can piss in public but can't kiss!
- Where pizza reaches faster than an ambulance!
- Where abusing in Hindi makes you arrogant while abusing in English makes you dude!
- Where you can't cast a vote from jail but can contest election from there!
- Where a vote is cast on the basis of caste rather than eligibility!
- Where a student is judged by the grades, a professional is judged by salary and a person is judged by his assets!
- Where the size of your phone determines how studious you are!
- Where hiding emotions make you rude and showing emotions make you fool!
- Where twenty rupees vegetable seems costly and five hundred rupees pizza seems cheaper!
- Where traveling in random taxi makes a girl safe and taking a lift with a male friend becomes a character question!
- Where a girl can't even talk to her male friend and is sent to sleep with an unknown stranger on the name of arrange marriage!
- Where exposure of waist from sari makes you cultured and same from a short top makes you characterless!
- Where eating garlic and onion is a sin and lying, stealing, killing, blackmailing has no effect!
- Where people worship goddess Durga and Saraswati and kill a girl child before the birth!
- Where educating a girl seems of no use and they search for a lady doctor!
- Where you get car loan @ 6% but education loan @ 12%!
- Where we talk on harms of junk food while having a cigarette!
- Where we condemn about child labor while having tea from 'Chhotu'!
- Where 'khandan-ki-ijjat' and 'log-kya-kahenge' is important than your happiness and satisfaction!

Vedant Setu  
BCA/4521/15



## THE TRUE SUCCESS

Success does not happen by chance.  
It happens with a lot of preparation  
Before this chance  
Comes into the education  
Luck is there for all of us.  
But if there is no preparation.  
The luck flies off the window.  
'The True Success'  
The price of success is hard work  
Dedication to the job at job hand and  
the determination that  
whether we win or lose,  
we have applied the  
Best of ourselves to the  
Task at hand.

Satyam Kumar  
BCA/4532/15



## WHAT'S ABOUT LIFE

It is simple for all of us to think that what life matters to us as an individual but when it comes to ponder ever the reality of life, do you still find it easy?

Think..... Think hard

For an **INFANT**, life is all about love, care and compassion.

For a **GROWN UP**, life is all about playing, cartoon and sometimes studies.

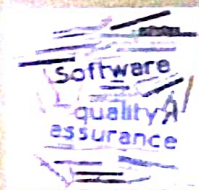
For a **TEENAGER**, life is all about freedom which they rarely get and more pressure on studies, which they rarely do. But for every teenager, I AM DAMN SURE, that the moments spent with friends are the most cherishable ones.

For the **ELDERLY** ones, life is like a huge mountain of responsibilities to climb over.

For the **SENIOR CITIZEN**, life again comes to the first stage, like an infant they also need the same love, care, compassion and support from their children.

So friends, do care and love everyone around you and I'm sure that there is always someone, somewhere thinking of you.

Ayushi Gupta  
BBA/4567/16



# Software Quality Assurance

In a software development project, errors can creep in at any stage during the development. Defects can have numerous adverse effects on an application, ranging from unhappy customers and users to injury or even death. An example of a spectacular software failure, is the Ariane 5 explosion. It took the European Space Agency 10 years and \$7 billion to produce Ariane 5, a giant rocket capable of hurling a pair of three-ton satellites into orbit with each launch and intended to give Europe overwhelming supremacy in the commercial space business. All it took to explode that rocket less than a minute into its maiden voyage in June, 1996 scattering fiery rubble across the mangrove swamps of French Guiana, was a small computer program trying to stuff a 64-bit number into a 16-bit space.

Quality Assurance (QA) is a set of processes that help "avoid" defects and assure quality. Software QA is a set of activities designed to evaluate the process by which products are developed. QA is necessary to provide adequate confidence that requirements are properly established and products or services conform to specified requirements.

A subset of QA is testing, which is the process to detect the defects and minimize the risks associated with the residual defects. During testing, the program to be tested is executed with a set of test cases, and the output of the program for the test case is evaluated to determine if the program is performing as it is expected to. Quality is a degree to which software is free from bugs or flaws. Tests give confidence where they find bugs and passing tests reduce the level of quality risk, whereas, failing tests provide a chance to improve quality.

Testing also follows a proper life cycle, like development, called Software Testing Life Cycle (STLC), which includes planning, designing and execution of test cases. Nowadays, Automated testing makes the process of testing efficient in terms of time and effort. QA is a valuable profile in the IT industry today and thus, requires skilled personnel for the same.

According to a report, software bugs are costing the U.S. economy an estimated \$59.5 billion each year, with users incurring 64% of the cost and 36% by developers. Improvements in testing could reduce this cost by about a one-third.

Quality Assurance, and thus testing, is an important aspect of creating reliable software. Projects should place a more significant focus on testing and Quality Assurance.

Swati Nagpal  
MCA/4518/14

## क्या हो गया है आज मेरे देश का हाल

क्या हो गया है आज मेरे देश का हाल ?  
कहीं पर होती हैं बातें बड़ी, कहीं पर उठते हैं बड़े सवाल।  
क्या हो गया है आज मेरे देश का हाल ?

कहीं पर भूखी मरती जनता, कहीं पर नारी का बुरा हाल  
कहीं कुपोषण से मरते निर्धन बच्चे, कहीं नेता आज के माला-माल।  
क्या हो गया है आज मेरे देश का हाल ?

बेरोजगारी, निर्धनता और भ्रष्टाचार ने फैलाया अपना जाल।  
शिक्षित युवा रीते बैठकर अंधेरे कमरे में बेहाल।  
क्या हो गया है आज मेरे देश का हाल ?

आज नौकरियों को पैसे से खरीदा जाता है अधिकारी नहीं करते कुछ काम,  
घूसखोर बन जाते नेता लोग चुनाव से पहले करते हैं बड़े-बड़े सवाल।  
हाय। क्या हो गया है आज मेरे देश का हाल ?

कहीं पर होते रोज़ दंगे, और नारी से बलात्कार,  
आतंकवाद, नक्सलवाद से रोज़ होते हैं कल्लेआम।  
हाय। क्या हो गया है आज मेरे देश का हाल ?

बेरोजगारी, महँगाई और घूसखोरी ने तोड़ी गरीबों की आस।  
पहले था जो धनी, अब है कंगाली से निहाल।  
क्या हो गया है आज मेरे देश का हाल ?

भूख, गरीबी, बेकारी का कोई न आया हल।  
जात-पात और धर्म वर्ण का जगह-जगह देखा संघर्ष काल।  
हाय। क्या हो गया है आज मेरे देश का हाल ?

जब तक देश में भ्रष्टाचार, पर नहीं कसेगी लगाम।  
तब तक देश में इसी तरह होता रहेगा संघर्ष और कल्लेआम।  
हाय। क्या हो गया है आज मेरे देश का हाल ?

सत्यजीत  
BAM/4524/15

## सिसकते ख्वाब ने तुम्हें तड़पाया होगा

नाम मेरा लिख कर तुमने मिटाया होगा  
याद ने मेरी तुमको सताया होगा  
ये ख्वाब ही तो है मेरा सरमाया हयात  
हर पल सिसकते ख्वाब ने तुम्हें तड़पाया होगा।  
तुमको वफ़ा की आखिरी दम तक,  
याद जब हम आते होंगे,  
मुश्किल से तुमने भुलाया होगा।  
डर और रुस्वाई की वजह से तुमने पुकारा नहीं,  
मगर नाम मेरा होठों पे आया होगा।  
जिस गाँव को छोड़कर तुम गयी,  
यादों ने उसकी तुमको बहुत सताया होगा।  
आँखों में आँसू, दिल में कसक, बेजुबान लब,  
रुखसती के उस मंजर ने दिल को जलाया होगा।

सत्यजीत  
BAM/4524/15



# Reminiscence

*(Dedicated to lost batchmate)*

Carefree as can be, you encouraged us to be like you. Your voice touched our souls. Each song that you sang was directly from your heart and embraced ours.

The way you smiled, reflected your pure soul. We can't thank you enough for being a wonderful friend and an inspiration in countless ways.

You taught us:

To bother not if you don't get good grades, bother not if someone holds a grudge against you, bother not if someone makes fun of you. If all of it makes them happy, then feel proud to be the one helping them smile.

Don't be perturbed with the tiny things in life. It is a lot more than the petty complications, that are nothing but the lessons.

Life is about traveling, exploring the world, spending substances on yourself and living your dreams no matter how the world sees you. Life is about loving with all your might and guffawing till you are not tired.

Family is life, friends are happiness, love is bliss and dreams are the real goals. These 4 beautiful years with you have taught us a lot more than the 5 years course we all chose to study together.

You are missed, dear friend. You will always be missed. Rest in Peace.

Esha Dhir  
IMCA/4512/12

*"Those we love and lose are always connected by heartstrings into infinity." - Terri Guillemets*



# Training and Placement



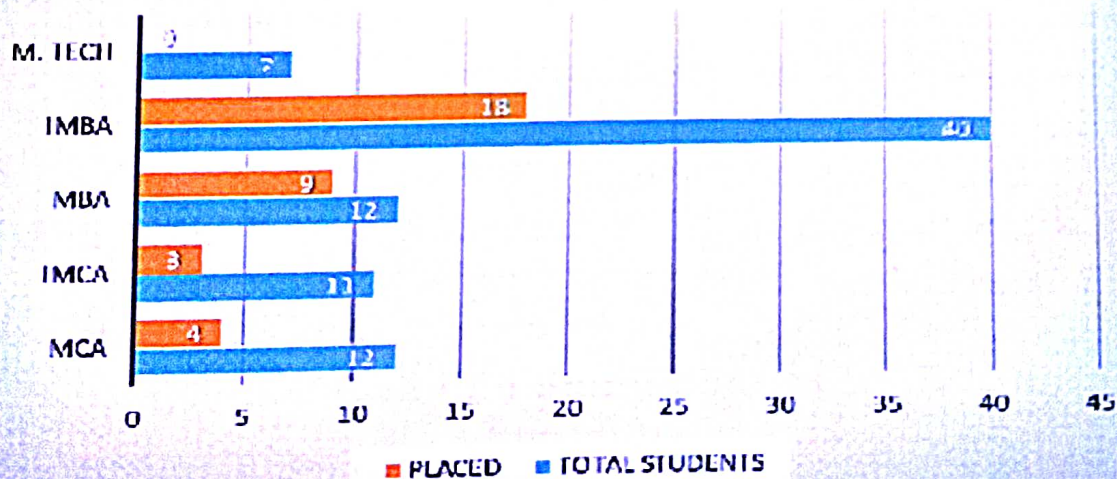
BIT has robust industry connect and the curriculum is in sync with the industry requirements. Located in the National Capital Region, surrounded by the hussle and bussle of business activity, BIT lives up to the corporate expectations every year by carrying forward its legacy.

BIT, Noida had a successful placement season with the participation of leading companies offering coveted profiles to the students. Average CTC for MBA, IMBA & IMCA students was 4.5 lac /annum followed by 4 lac/ annum for MCA students.

The top recruiters for the Placement Season 2016-17 were Sapient, Cognizant, Amdocs, Grapecity, ICICI Bank, ICICI Prudential, HDFC AMC, AXIS Bank, Naukri. Com, Narnolia Securities, IFB, Flexain Technologies, Deloitte, SAP Labs, Protiviti Consultants, Indian Express, Home Road Films, Navyug InfoSolutions etc.

Apart from the Placements, T&P cell also conducted assessment test 'BITCAT-2016-17' for all 2017 passing out batches through Aspiring Minds. Mock Campus / Pre-Placement sessions were organized by Swasthya Consulting, with focus on enhancing interpersonal skills, self-management and time management skills among the students. Also, expert sessions were held on Resume Building (by Vybex Consulting), Leadership Talks by HR from Cadila Pharma, Piramal Foundation and Protiviti Consultants.

## PLACEMENT STATISTICS 2016-17

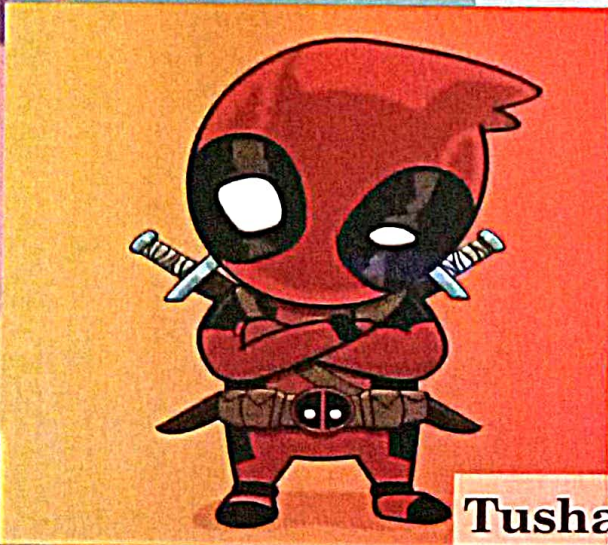
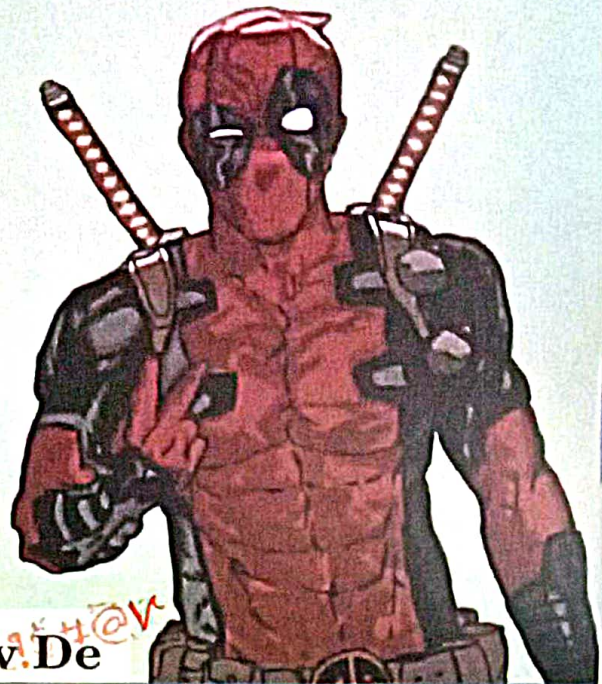


*"Find out what you like doing best, and get someone to pay you for doing it." -  
Katharine Whitehorn*

# Unleashing Creativity



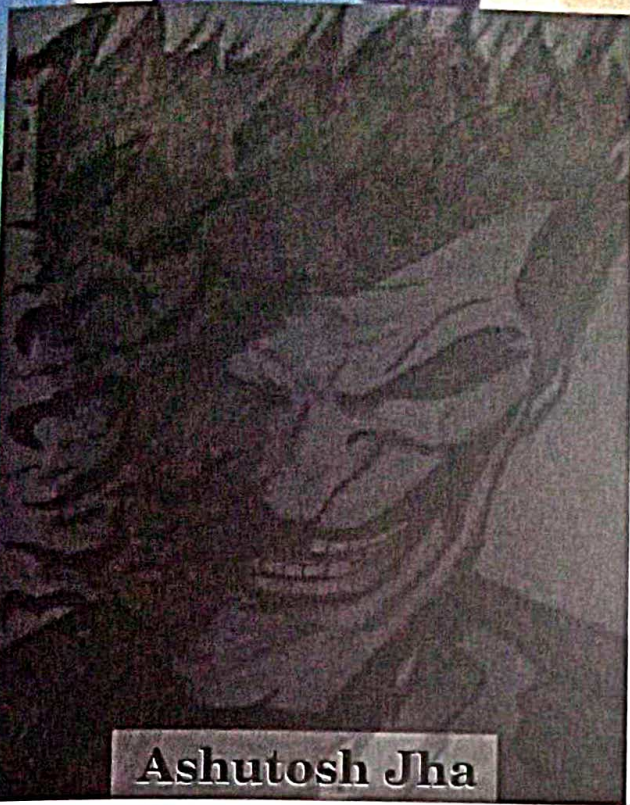
Rishav De



Tushar Kohli



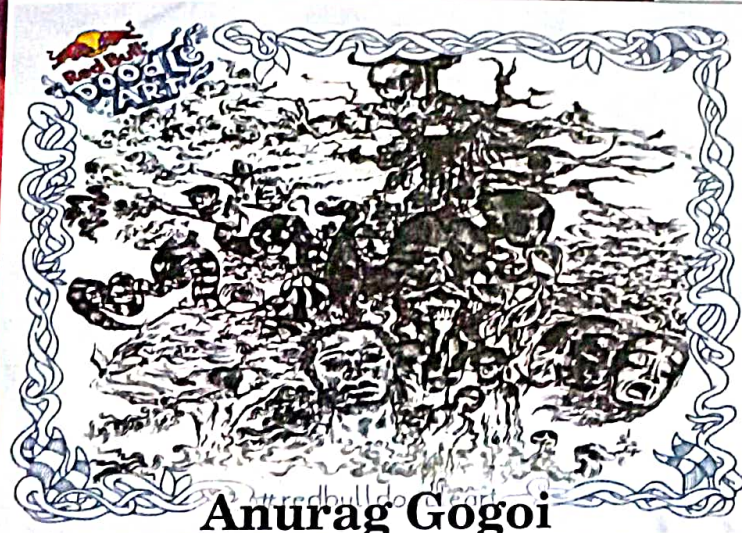
Yashjeet Singh



Ashutosh Jha



Rachit Soni



Anurag Gogoi



Tushar Kohli



Tushar Jha

*"A painter should begin every canvas with a wash of black, because all things in nature are dark except where exposed by the light." -Leonardo da Vinci*

# Achiever's Paradise

## BIT in Top league



engineering »

TOP 25

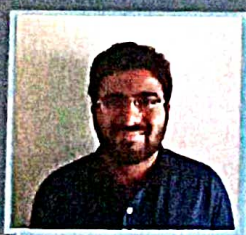
OVERALL RANK			NAME OF COLLEGE	REPUTATION OF COLLEGE	QUALITY OF ACADEMIC INPUT	STUDENT CARE	INFRA-STRUCTURE	JOB PLACEMENT	PERCEPTUAL RANK	FACTORS RANK
2015	2016	2017								
-	-	1	INDIAN INSTITUTE OF TECHNOLOGY (IIT), DELHI	1	1	1	1	1	1	0
2	2	2	IIT, KHARAGPUR	3	3	3	3	3	3	3
1	1	3	IIT, KANPUR	2	2	2	2	2	2	6
3	3	4	BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE (BITS), PILANI	4	4	4	4	4	4	5
6	4	5	VELLORE INSTITUTE OF TECHNOLOGY (VIT), VELLORE	10	13	10	11	11	10	1
-	-	6	INDIAN SCHOOL OF MINES (ISM), DHANBAD	5	5	5	5	6	5	13
7	9	7	IIT, GUWAHATI	7	7	7	7	7	7	10
8	7	8	SRM ENGINEERING COLLEGE, SRM UNIVERSITY, KATTANKULATHUR, TAMIL NADU	19	19	19	19	19	19	2
18	12	9	BIRLA INSTITUTE OF TECHNOLOGY (BIT), MESRA, RANCHI	8	8	8	8	8	8	14
17	18	10	THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY, PATIALA	17	17	17	17	17	17	4

## Student's Corner

### Toppers (Passing out batches)



Akshat Mahawar  
(BBA)



Sanchit Magan  
(BCA)



Akanksha Singhal  
(BBE)



Rushil Kejriwal  
(BAM)



Sudhanshu Verma  
(IMBA)



Deepika Maheshwari  
(MTECH)



Swati Nagpal  
(MCA)



Sheeba Sardana  
(IMBE)



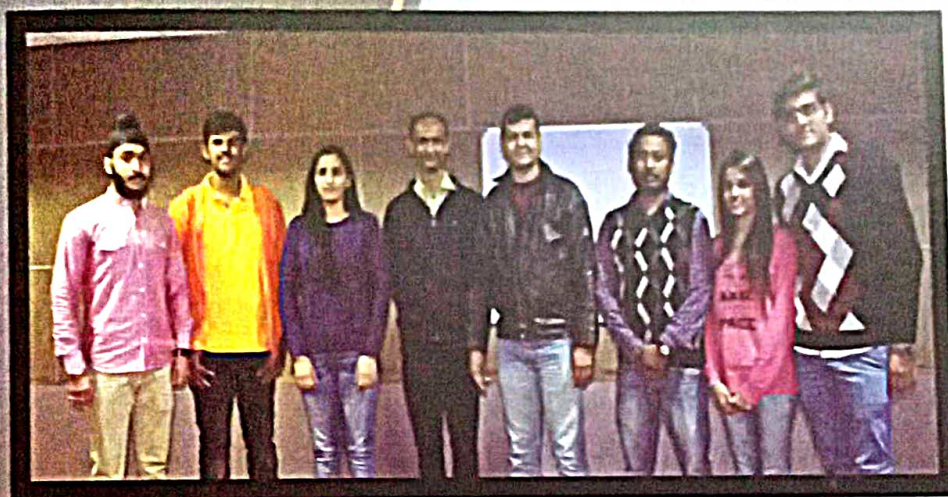
Divya Aggarwal  
(MBA)



Esha Dhir  
(IMCA)



B.Sc. (Hons.) A & M VII semester students (Ajitesh, Pranay, Aaqib, Rahul, Salman, Ananya, Gaurav, Pranjal, Anurag and Abhiroop) participated in India International Science Film Festival 2016. Their film "Progress in Distress" made under guidance of Dr. Suparna Dutta was well appreciated by audience and bagged prize of appreciation.



A team of students of B.Sc. (A & M) VI Sem, under guidance of Mr. Lalit Bhatt, made a short film "The Health Crusaders" which was showcased at 7th National Science Film Festival in Kolkata on 22 Feb. 2017.



**Shivang Jindal** participated in Indian International Animation and Cartoon Film Festival 2017, held at Amity University, Noida. He won 1st prize for photography in the festival. The IIACFF aims to promote and implement animation as a curriculum in schools from grass root level. It provides a platform to honor the work of the upcoming animators.

# Faculty Corner

## PUBLICATIONS

1. Gupta, N. & Sharma, V., "The Relationship between Corporate Social Responsibility and Employee Engagement and Its Linkage to Organizational Performance: A Conceptual Model", IUP Journal of Organizational Behaviour, Vol. 15, No. 3, July 2016.
2. Gupta, P. & Sagar, B.B., "Discovering Weighted Calendar-Based Temporal Relationship Rules using Frequent Pattern Tree", Indian Journal of Science and Technology (Thomson Reuters-Web of Science & Scopus Indexed), Vol. 9 (28), July 2016.
3. Joshi, P., "Clouds And Big Data: A Compelling Combination", IEEE Explore, INSPEC Accession Number: 16426198, October 2016.
4. Gupta, P. & Sagar, B.B., "Discovering Interesting Weighted Temporal Relationship Rules", International Journal of Control Theory and Applications (Scopus Indexed), Vol. 9 (19), pp 9091-9099, December 2016.
5. Gupta, N. & Sharma, V., "Exploring Employee Engagement- a way to better Business Performance", Global Business Review, 17, 3, 45-63, ISSN: 0972-7302, 2016.
6. Chakraborty, N., Sharma, V. & Ranjan, J., "A Perceptual study on Factors of Medical Data security in Indian Organisations", Journal of Theoretical and Applied Information Technology, 84. No.1, pp. ISSN: 19928645, 2016.
7. Gautam, S., Wahi, C. & Sharma S., "A Survey of the Various Identity Based Encryption Techniques in Wireless Sensor Networks", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 6, pp. 328-333, ISSN: 2278-1021, January 2017.

## BOOKS PUBLISHED

1. Raina, V.K. "NFC Payment Systems and New Era of Transaction Processing", In IGI Global, Hershey, Pennsylvania, U.S.A. March 2017, p.p 193.

### INVITED TALKS

1. Dr. Abhishek Singh delivered an invited talk on "Market efficiency on days and week effect" and chaired a session at International Multidisciplinary Academic Conference, held at Thailand, between September 26-30 2016.
2. Dr. Abhishek Singh delivered an invited talk on "Impact of demonetization in Indian economy" and chaired a session at International Conference on agriculture, science, technology and management held at Carmel College of women, Goa during November 10-12, 2016.
3. Dr. B.B. Sagar delivered an invited talk on "Role of IoET in current scenario" at 2nd International Conference on Sustainable Computing Techniques in Engineering, Science & Mgmt., January 28, 2017, Jain College of Engineering, Karnataka.
4. Dr. Suparna Dutta was invited by Kent State University, Ohio, U.S. to deliver a talk on "Behavior Change Communication", in the month of April' 2017.

### AWARDS/CITATIONS RECEIVED BY FACULTY

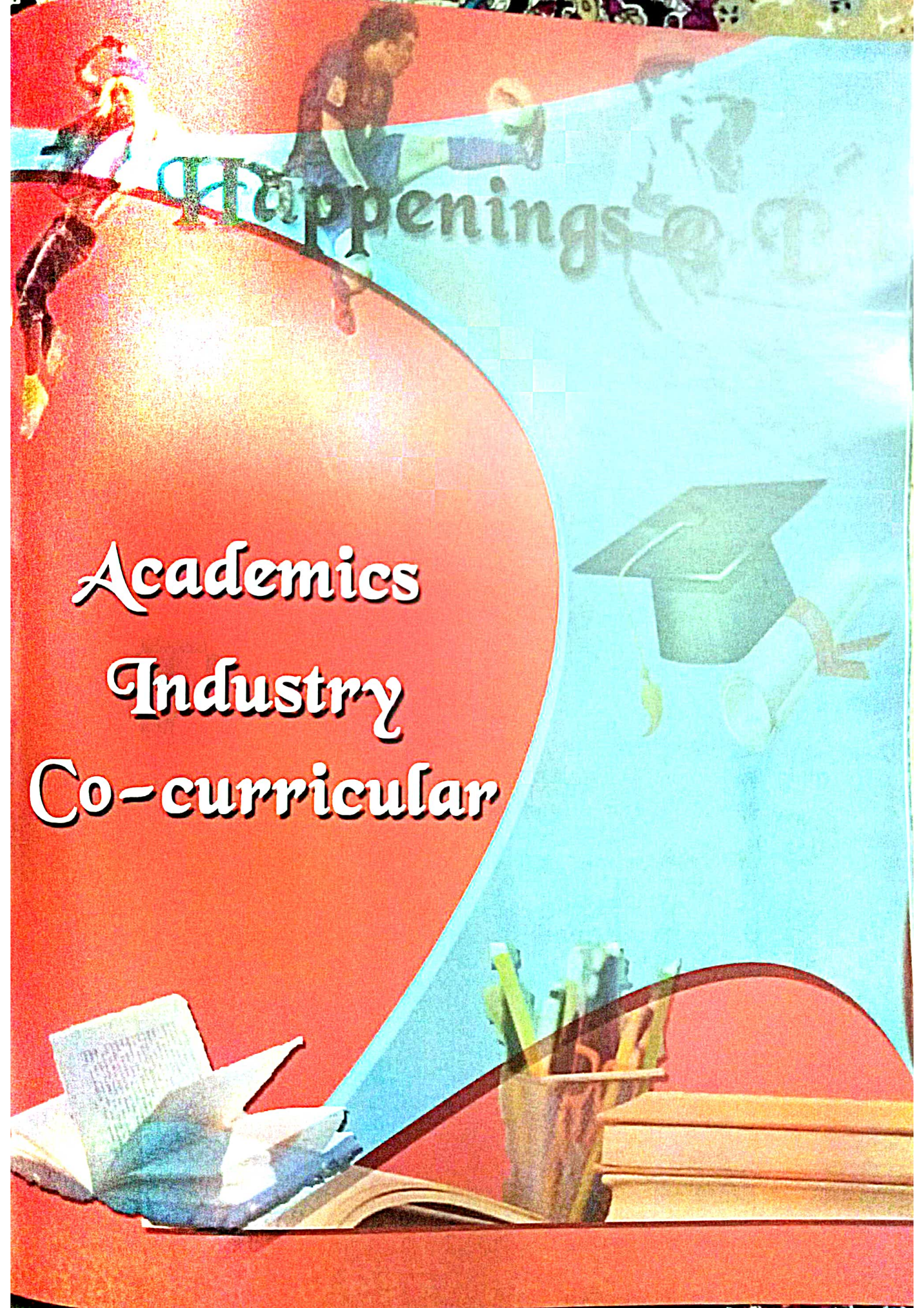
1. Dr. Arun Mittal received the Best Paper Presentation Award at 3<sup>rd</sup> National Seminar on Era of Skill Development: Inspire, Innovate & Integrate – ESDIII 2016, 13 August 2016, for the paper titled "Making Industry-Academia interface work better for filling the Skill Gap: An Empirical Study with special reference to Management Education".
2. Dr. B. B. Sagar received "Young Scientist Award", at Aalborg University, Denmark, 19 August'2016.
3. Dr. Arun Mittal received the Best Paper Award at National Conference on Managing Change, February 10-11, 2017, organized by Navsahyadri Group of Institutes, Pune for the paper titled "Dynamics of Online Promotional Strategies of E-Retailers in India".
4. Mr. Lalit Bhatt has qualified UGC NET exam in Visual Art, January'17.

### P.H.D. DEGREE AWARDED

SCHOLAR NAME	THESIS TITLE	GUIDES/SUPERVISORS
Ms. Arti Rana	Visualisation and identification of potential factors for software release management	Dr. S.P. Singh, Dr. Rachna Soni and Dr. Ashish Jolly





The background is a vibrant collage. At the top, there are images of students in motion, possibly in a gymnasium. Below them, a large, light blue circular area contains a graduation cap and a rolled-up diploma. At the bottom, there are images of an open book, a stack of books, and a pencil holder with various writing instruments. The overall color palette is dominated by reds, oranges, and blues.

# Happenings

**Academics**  
**Industry**  
**Co-curricular**



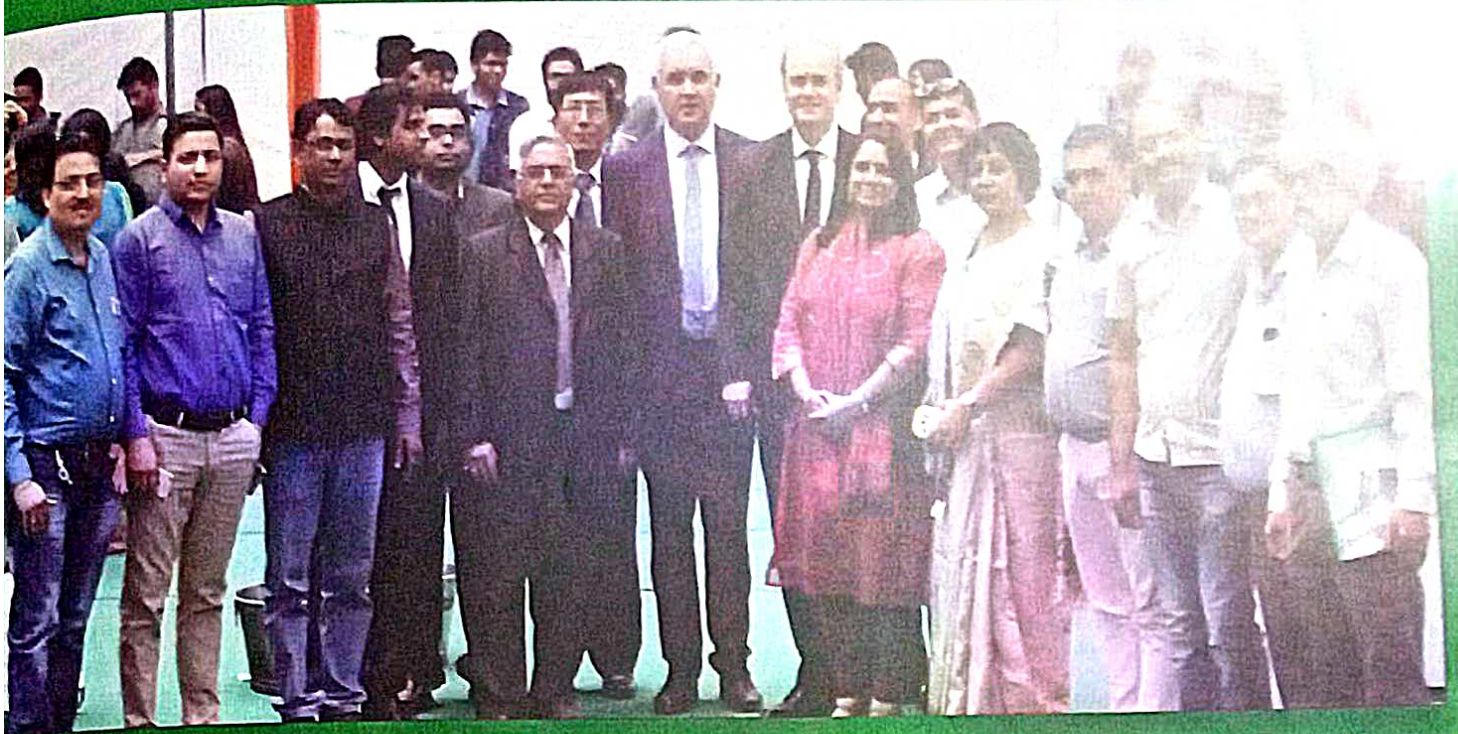
## Guest Lectures/Seminars

1. Mohd. Khalid delivered an orientation lecture on "Expectations of Industry from Future IT & Management Professionals", 25<sup>th</sup> July'16.
2. Dr. Arun Mittal organized a session on "From Campus to Corporate-Dreams and Realities", 10<sup>th</sup> August'2016. Speaker was Mr. Sumit Chaudhari.
3. Mr. Partho Acharya organized a guest lecture on "Digital Painting", 22<sup>nd</sup> August'16.
4. "Story telling" workshop was conducted by Ms. Indira Mukherjee on 27<sup>th</sup> August' 2016.
5. Mr. Ankur Jain delivered a lecture on "Goods & Services Tax", 8<sup>th</sup> & 29<sup>th</sup> September'16, organized by Mrs. Preety Bajaj and Mrs. Ritu Jain.
6. Mrs. Seema Sharma and Ms. Charu Wahni organized a lecture on "Utilization of recent technologies and trends in Industry", on 30<sup>th</sup> September'16.
7. Mr. Naveen Kumar delivered a lecture on "Quant Techniques and Discussion on 500 and 1000 Rupee Note", 10<sup>th</sup> November'16, organised by Mrs. Rachana Pratik.
8. Mr. Ankit Choudhary from Mumbai delivered a demo on "Virtual Reality", 4<sup>th</sup> February'17.
9. Dr. Monika Bisht organized a career building workshop on "Resume Development", 10<sup>th</sup> February'17.
10. Another career building workshop was organized on "Preparation for Personal Interview", 27<sup>th</sup> February'17.
11. Workshop on Unity Game Engine by Unity evangelist Mr. Yogendera Verma on 30<sup>th</sup> and 31<sup>st</sup> March 2017.

*"Education makes people easy to lead but difficult to drive: easy to govern, but impossible to enslave."* -

*Henry Peter Brougham*

# International Conference



Department of Animation & Multimedia organized a three days International Conference on "Emerging Multimedia Technology for Social Equity and Empowerment", from 16 to 18 March'2017. It was sponsored by SERB, Govt of India and supported by Kent State University, Ohio, USA, Kiran Nadar Museum of Art, Wacom India and PSSAMTEK Media Ltd. The confrence wss honored by Prof. Todd Diacon, Provost, Kent State University, USA as the Chief Guest and Prof. Marcello Fantoni, Associate Provost, Office of Global Education (OGE), Kent State University as the Guest of Honor. Mr. Atul Sinha, Assistant Professor, Animation at AJK Mass Communication Research Centre, Jamia Millia Islamia and Ms. Akanksha Sinha, Art Teacher, Father Agnel School, Delhi, gave demo of Backlit animation and Sand Animation. A Lec-Dem was given by Vfx expert Mr. V Srinivas Mohan. He is lead Vfx designer of the famous films like Bahubali, Krrish etc. Mr. Mohan showed examples from the film Bahubali. This event was convened by Dr. Suparna Dutta and co-convened by Mr. Niket Mehta.

# Faculty Development Programme



Department of Management organized One Week Faculty Development Programme on "Structural Equation Modelling" from 13th to 17th April 2017 with Dr. Meenakshi Sharma as the FDP Coordinator. The objective of the FDP was to provide a balanced mix of theoretical concepts and hands on experience of the basic concepts, techniques and tools associated with performing SEM analysis. The resource person of the FDP was Dr. Neeraj Kaushik, Associate Professor NIT Kurukshetra. The esteemed resource person taught the intricacies and nuances of Structural Equation Modelling techniques to the participants in a very lucid manner. This national level FDP received an overwhelming response and 43 participants from 23 reputed universities all over the country participated. To name a few the workshop was graced by participants from NIFT Kolkata, Central University of Jammu, NIT Kurukshetra, Nehru Gram Bharti University Allahabad, Shri Ram Swaroop Memorial University Lucknow, Haryana School of Business Hisar, Punjab Technical University Jalandhar, G.V.M Girls College Sonapat, GLA University Mathura and many other reputed Universities from Delhi-NCR. Prof. (Dr.) S.K. Garg from Delhi Technological University and Prof. (Dr.) Nawal Kishor from IGNOU were the chief guest for valedictory session.

# INDUSTRY

## Industrial Visit



Students visited the  
Academy on 4  
the art of pup  
accompanied  
Mehta and Mr.

First semester students took part in creative workshops at Kiran Nadar Museum of Art, Noida and Saket, Delhi on 8th Aug 2016, 16 Sept 2016 and 31 March 2017. Teachers Mr. Manoj Kumar, Mr. Das Mohan Singh and Mr. Niket Mehta accompanied them.



Students enjoyed watching award winning movies at Siri Fort auditorium in a film festival on 23 August 2016. Teachers Mr. Lalit Bhatt and Mr. Niket Mehta took them for this festival.



## Vigilance Week

An elocution competition was organized by the IOCL pipelines division, Noida on the topic "Public Participation in Promoting Integrity and Eradicating Corruption" during Vigilance Awareness Week (31 October to 5 November-2016). It was a great event and it also provided a platform to the students of our college to express themselves through their thought provoking lines on the topic. Anmol Mehrotra of BCA won the first prize, Adarsh Nayan of BBA got the second position and Neeti Kesarwani of MBA got the third position.



"Lamborghini don't have commercials because the people who can afford them aren't sitting around watching TV." - Stefano Domenicali



## Teachers Day



Teachers Day is the ideal occasion to make our dear teachers feel special by celebrating this auspicious day along with them. The event was filled with fun games for the teachers as well as the students which also showcased the great teacher-student relationship we have in our college.

## Outstation Event

**IIT ROORKEE :-** Students from the college went to participate in the "THOMSO FEST 2K16". The students took part in events like Fashion Show, Chance pe Dance, singing, games, etc.



## Fresher's Party

The official fresher's party was organized on 19th of August '16 in the college auditorium to welcome the new faces of college and making them a part of our esteemed organization. The theme of the event was "Guns & Roses" and all the students had to dress according to the theme. It was a fun filled event with lots of excitement and showcasing of talents of the new faces. Vikhyat Sharma of BBA won the Mr. Fresher title and Mansi Rai of BBA won Ms. Fresher through various rounds conducted in the event. The event was sponsored by Career Launcher.

# SPORTS WEEK

BIT Noida successfully organized its annual Sports week 2017 in the month of February, 2017. All the students participated with full enthusiasm in the events to make it memorable. 4 sports events were held on this occasion: Cricket, Volleyball, Badminton and Table Tennis. It was a battle of stamina, patience and true sportsmanship which was displayed throughout the event. Thanks to the crowd which added on to the enthusiasm of the participants. The winners were awarded with trophies, medals and certificates in their respective events in the award ceremony held in the college campus.



*"Train like an athlete, eat like a nutritionist, sleep like a baby, win like a champion." - Pat Tillman*

# FAREWELL

Sayonara to our beloved



**BBE 2014-17 batch**



**BCA 2014-17 batch**



**BBA 2014-17 batch**



**MCA 2014-17 batch**



**IMCA 2012-17 batch**



**IMBA 2012-18 & MBA 2015 -18**



# ENTERTAINMENT CORNER

## GUESS WHO?

- 1) A window cleaner is cleaning a window on the exterior of a skyscraper when, suddenly, he slips and falls. He has no safety equipment and nothing to soften his fall and yet he is not hurt. How can this be?
- 2) Many have heard me, but no one has seen me, and I will not speak back until spoken to. Who am I?

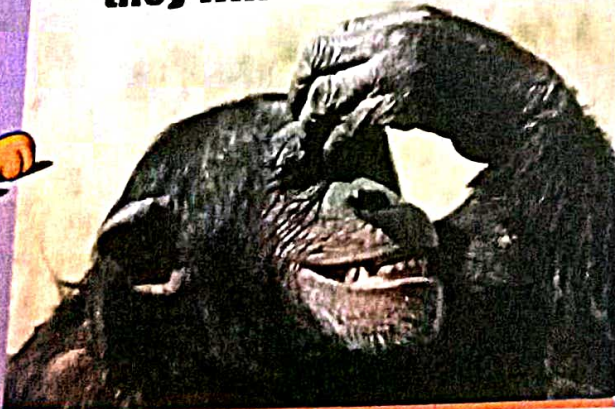
**ANSWERS**  
 1) He was inside cleaning windows.  
 2) Echo

## SARCASM



Get serious

Maybe if we start telling people the brain is an app they will start using it.



"No joystick? No mouse? No keyboard? How do you turn the pages?"

उंगलियाँ ही निभा रही हैं रिश्ते आजकल.  
 जुवाँ से निभाने का वक्त कहाँ है.  
 सब टच में बिजी है  
 पर टच में कोई नहीं है !!



What's the point of education if you still throw garbage on street to be ultimately picked by an uneducated person?



# Tongue twisters



How much wood would a woodchuck if a woodchuck could chuck wood.  
Drew Dodd's dad's dog's dead.  
Which witch switched the swiss wristwatches.  
Can you can a can as a canner can?



# Riddles

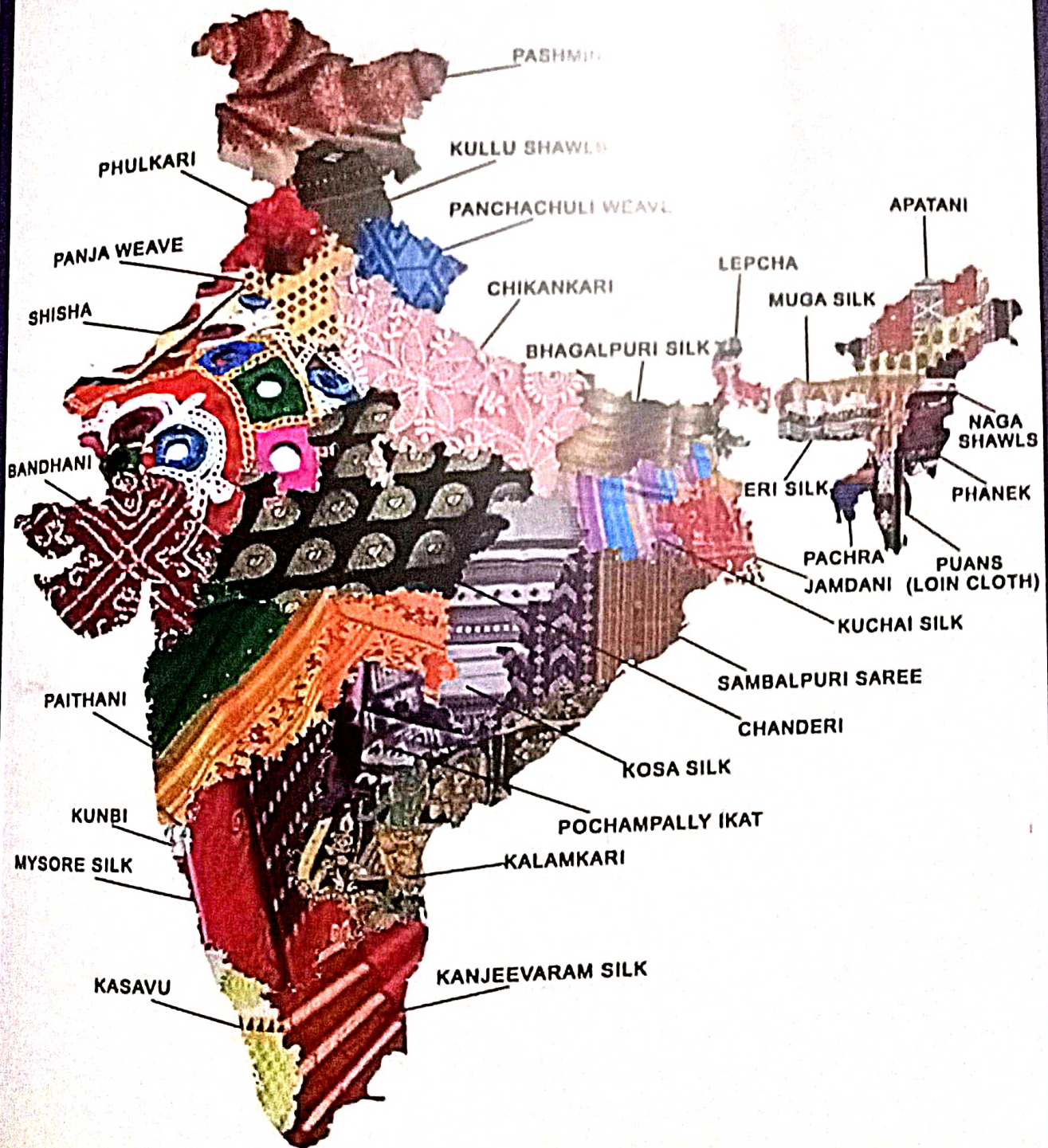
- 1) What 8 letter word can have a letter taken away and it still makes a word. Take another letter away and it still makes a word. Keep on doing that until you have one letter left. What is the word?
- 2) What has many keys, but can't even open a single door?
- 3) When does Christmas come before Thanksgiving?
- 4) Re-arrange the letters, O O U S W T D N E I R to spell just one word.
- 5) You have me today, Tomorrow you'll have more; As your time passes, I'm not easy to store; I don't take up space, But I'm only in one place; I am what you saw, But not what you see. What am I?

- 6) Always in you, Sometimes on you; If I surround you, I can kill you. What am I?
- 7) Only one color, but not one size, Stuck at the bottom, yet easily flies. Present in sun, but not in rain, Doing no harm, and feeling no pain. What is it?
- 8) They have not flesh, nor feathers, nor scales, nor bone. Yet they have fingers and thumbs of their own. What are they?
- 9) What has six faces, but does not wear makeup. It also has twenty-one eyes, but cannot see?
- 10) I am not alive, but I grow; I don't have lungs, but I need air; I don't have a mouth, but water kills me. What am I?

ANSWERS  
1 The word is starting! starting, string, sting, sing, sin, in, I. 2 A piano 3 In the dictionary 4 Just one word! 5 Memories 6 Water 7 Shadow 8 Gloves 9 A die (dice) 10 Fire

Do you know !!

# FABRIC TOUR OF INDIA



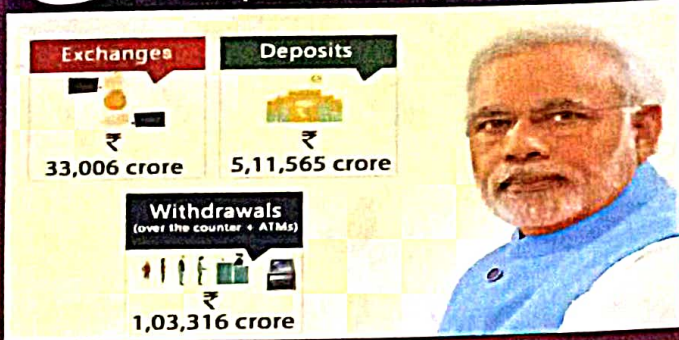
*"It's more fun when you're not only the one having it." - the Oaqui*

## Demonetisation



# RS. 5,44,571 CRORE

Exchanges/deposits of old notes by the public, during Nov 10-18



## Modi government crosses a significant Economic Landmark

First time in 150 years, India surpasses UK's GDP

GDP 2016



## Yahoo: Mother of Bad Luck

**1998:** Yahoo refuses to buy Google for \$1 million dollars.

**2002:** Yahoo realizes its mistake and tries to buy Google for \$3 billion, Google says, "Give us \$5 billion", Yahoo says no.

**2008:** Yahoo refuses to be sold to Microsoft for \$40 billion dollars

**2016:** Yahoo sold for \$4.6 billion to Verizon.

## Bollywood Mania

Kareena Kapoor wore as many as 130 outfits in Heroine. 😊

Kaho Naa Pyar Hai made a Guinness World Record for bagging 92 Awards. 😊

Kalki Koechlin's great grand father Maurice Koechlin was the Chief Engineer in the making of Eiffel Tower and Statue of Liberty.

Mughal-e-Azam was a trilingual movie whose each scene was shot in Tamil, English as well as in Hindi which is why the film took so long to be shot. 😲

Did You Know Tom Cruise Was The First Choice For Raj's Character In DDLJ. 🐼

Kishore Kumar was banned from AIR and Vividh Bharti from 1975-77 after he opposed Indira Gandhi's 20-point programme.

# Beautiful thoughts

Not everyone  
you love will stay.  
Not everyone  
you trust will be loyal.  
Some people  
only enter our lives  
as examples  
of what to avoid.

धीरे धीरे उम्र कट जाती है;  
जीवन यादों की पुस्तक बन जाती है।  
कभी किसी की याद बहुत तड़पाती है;  
और कभी यादों के सहारे जिंदगी कट जाती है।  
किनारों पे सागर के खजाने नहीं आते;  
फिर जीवन में दोस्त पुराने नहीं आते।  
जी लो हवन फलों की हँस के दोस्त;  
फिर लीट के दोस्ती के जमाने नहीं आते।

समय बहुत है,  
मन बहुत है।  
मसाला रेत का घर,  
शान बहुत है।  
मुकामला नहीं,  
पहचान बहुत है।  
मुरकल से मिलता है शहर में आदमी,  
यू तो कहने को इन्सान बहुत है।

Maturity is not  
when we start  
speaking Big Things.

It is  
when we start  
Understanding  
small things.

## Power of positivity

अकबर ने बीरबल से कहा -  
इस दीवार पर कुछ ऐसा लिखो कि  
खुशी में पढ़ तो दुख हो और दुख में पढ़  
तो खुशी हो...

बीरबल ने लिखा-

ये वक्त गुज़र जाएगा

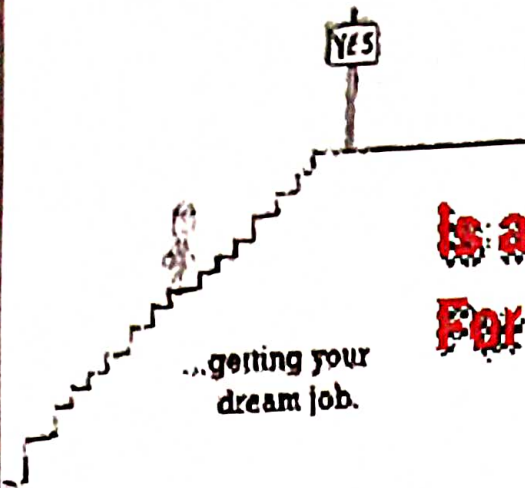
"- If you fail, never give up because  
F.A.I.L. means "First Attempt In Learning"  
- End is not the end, if fact  
E.N.D. means "Effort Never Dies"  
- If you get No as an answer, remember  
N.O. means "Next Opportunity".  
So Let's be positive.

- A.P.J. Abdul Kalam



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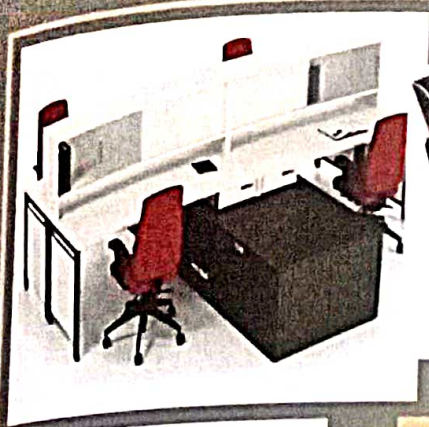
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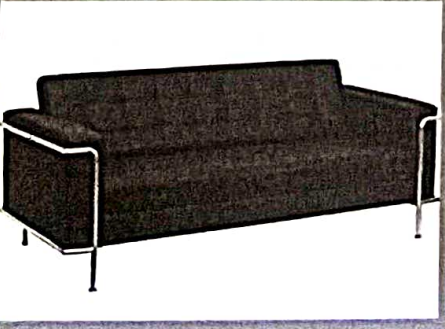
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# ALUMNI CORNER

Thanks teachers for providing me opportunity to share my experience as an Alumni in our College. Joining BIT Noida for Post-Graduation was a great opportunity for me as I did my graduation from Rajasthan and didn't know much about big universities. So when i had joined the BIT the atmosphere was so friendly and didn't feel like any stress around new people and teachers. The students in the college were so supportive and had a good time with them. We used to have good balancing between social and college life. I was able to continue my social work for kids also along with college life. Apart from that the teachers were very supportive in learning new things. And, of course, my first Job was also on campus placement. Extra-Curricular activities were also organized by the teachers and it was great fun also. So being part of BIT for 3 years, I learnt lot of things of educational life, social life and having fun life too.

We always miss good times and one moment among them is being part of BIT.



Robin Isaac  
(MCA 2010-13)  
Accenture, India



Arun Mishra  
(MBA 2005-07)  
Vijaya Bank, India

BIT Noida played a vital role in my journey from a Probationary officer to Senior Branch Manager in such short span of time in Vijaya Bank. Pursuing MBA Finance from such esteemed college has certainly added feather in my cap. All the teachers are having vast knowledge of their subject and I really had awesome memories of PPT presentations, seminars, case studies and other personality & knowledge enhancing activities. My favorite teachers are Dr. Sanjeev Bahadur, Shri Tarun Pandya, Ritu Mam and Kanhaiyya Sir. Besides studies, college gave you opportunity to show our talent in co-curricular activities like singing, dancing etc. Kunal Kapoor and Somraj Banerjee were gems of the class in singing n dancing respectively.

Those were the golden days of my life. A proud alumnus. "There is no elevator to Success, You have to take the stairs"....the stairs of BIT Noida ofcourse.



After studying programming languages during graduation I was clear that computer application is what I want to pursue as my career and BIT Mesra was on the top of the list. Amongst many reasons were experienced faculty, infrastructure, and impressive placement record. The interactive environment in the classroom was very engaging for all. Professors are expert in their respective fields and enthusiastic about sharing information. I really appreciate the passion, experience, and creativity they show while answering queries in the classroom. A special mention has to be the placement cell which helped us to understand the requirement of different companies visiting the campus and how we should prepare not only for the written but also for the personal interviews. They conducted mock placement activities which boosted our confidence to many folds. Their guidance was very helpful for the students who were not able to crack the written or PI of first few companies. Their constant motivation did not let those students' confidence get affected and they managed to score not one but two or three appointment letters by the end of the campus drive. All in all, I would say being a part of this great institution has greatly helped me in shaping my career and to prepare myself for future endeavors.



Arti Thakur  
(MCA 2008-11)  
KAIST, South Korea



Amit Kumar  
Chauhan  
(BAM2006-09)

My course time at BIT in simple terms was "life changing". The crucial period after my basic education at the school definitely played the most important role on my path towards the chosen ultimate career goal. The BSc. Animation & Multimedia course gave me the required knowledge and understanding of the industry with a perfect blend of hands on training by the ever-helpful teaching staff, who were always ready to assist me on both academic and personal levels. When I look back now, I realize the never ending bond that I have formed with the college and my professors, and I literally can't thank them enough for helping me shape my career that has made me a successful person today.

After BIT, I went ahead to pursue my Masters in Management from a United Kingdom based leading management school and currently self-employed as a "Management Consultant" with ownership of leading corporate accounts across different industries. Separately, my passion for food & travel has made me a successful influencer on social media in both the segments.

# FUTURE TRENDS

## C4D

Dr. Suparna

C4D or Development Communication is essentially a World Bank concept and operationally comes under the External Affairs Vice Presidency of this Ministry. 'Development', as we understand, is a planned initiative that (keeping political and vested interest aside) intends to transform conditions of life of communities living in squalor, 'un-hygiene' illhealth and discontent to that of health, hygiene and wellness. This naturally involves the planners who are by-and-large the 'governments' in power and the 'target population' for whom the bell is suppose to toll. These two entities then in their turn is looped into what may be looked upon as a bi-polar paradigm.

What is new in C4D is the approach where we witness a paradigm shift in the approach and understanding of the target population who are no longer required to be the passive receivers of the developmental inputs and benefits. Initially, the beneficiaries of the developmental initiatives were often unaware of the initiatives till the commissioning stage and ironically often even failed to comprehend what benefits would accrue to them from such efforts let alone know how to use and exploit the inputs to their maximum best. Thus, development-initiatives and their output frequently failed to survive either the test of relevance or of validity. This has often led to situations where we have seen the popular 'sabotage' of an initiative like the locals ripping off, vandalizing as well as stealing public properties like a new rail compartment, fittings in a railway platform, roadway facilities and public toilets and so on. This in many ways have made us believe that fundamental notions of statehood, citizenship, civic sense has not been inculcated into our mindsets through proper education. This may well be correct and there could well be solutions in reforming our education system and pedagogy. But what lies as an immediate solution through action research is including well designed and tested communication inputs in our development projects which by informing and thereafter educating the target audience will prepare them to understand, accept and therefore gainfully exploit the benefits of such developmental efforts. Predictably, once this happens in the truest and efficient best, there will hopefully emerge optimal conditions for public ownership of state property that naturally should replace acts of vandalism and mindless stealing of public property and national assets with proud popular protection of such assets and which is often a mark of the first world citizenship.

*"Behind me is infinite power, before me is endless possibility, around me is boundless opportunity." - Galan Biser*

# Future Trends in Marketing – 'Marketing 3.0'

Dr. Arun Mittal

The Era of Marketing 3.0 has dominated Marketing 2.0 and marketing 1.0 and in replacement to both approaches, Marketing 3.0 has given a new direction to all businesses which is a paradigm shift for all Businesses across the globe. Marketing 3.0 is based on VBM Model (Value Based Matrix). It has been seen that Value driven Approach always long lasting and brings lot of laurels for employers same as Environmental Marketing.

Values-Based Matrix Model



Marketing 1.0 is an ancient marketing concept irrelevant for modern marketing practices. All activities in Marketing 1.0 are centered on the products, or simply said Product-centric. Marketing 2.0 came out in today's highly informative age—where the core is information technology. Today's consumers are well informed and can easily compare several similar product offerings. In the recent times, the product value is defined by the consumer. Consumers differ greatly in their preferences. The golden rule of "customer is king"

works well for most of the product markets. This is the view in Marketing 2.0 or precisely the customer-oriented era. Today we are witnessing the rise of Marketing 3.0 or the values-driven era. Now this time, entire perception has changed regarding the customer. Instead of treating people simply as consumers, marketers approach them as whole human beings with minds, hearts, and spirits.

Many of today's marketers still practice Marketing 1.0, some practice Marketing 2.0, and a few are moving into Marketing 3.0. The greatest opportunities will come to marketers practicing marketing 3.0. Increasingly, consumers are looking for solutions to their anxieties about making the globalized world a better place. They search for companies that address their deepest needs for social, economic, and environmental justice in their mission, vision, and values. They look for not only functional and emotional fulfillment but also human spirit fulfillment in the products and services they choose. Marketing 3.0 lifts the concept of marketing into the arena of human aspirations, values, and spirit. Marketing 3.0 believes that consumers are complete human beings whose other needs and hopes should never be neglected. Therefore, Marketing 3.0 complements emotional marketing with human spirit marketing.

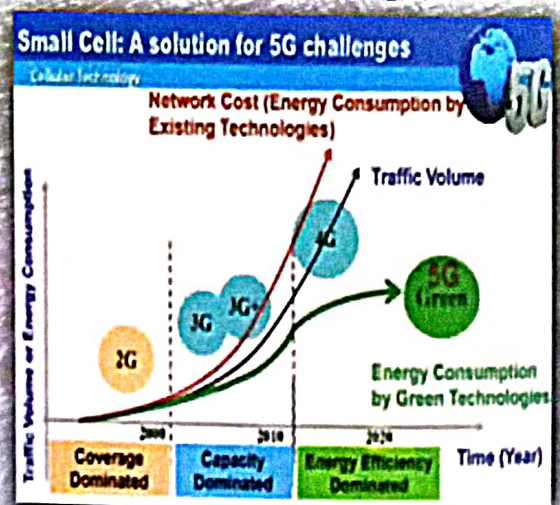
"Look closely at the present you are constructing; it should look like the future you are dreaming."

- Alice Walkerr

# 5G- The Cutting Edge Technology

Dr. Peeyush

Hi, students and friends, recently I attended an international conference "5G India - Future of wireless technology" at New Delhi, India. When its announcement came, I was super excited as I attended 3G and beyond conference 10 years back. The new technologies which were merging at the speed of every 20 years started showing its effect in every 10 years now. Technological expertise is moving towards a direction where refrigerator may be talking to washing machines or microwaves will be giving instructions to fridge regarding food quality. The 3 V's: Voice (2001-2010) to video (2010-2020) to virtually (2020-2030) is the new direction of technology in 5G. Out of the three above, Voice was digitally connected as KBPS speeds in first decade and was using feature phones with very high latency more than 100ms. This transformed to video era i. e. digitally consuming smartphones in MBPS speed with 10ms latency and most expectedly moving to digitally living with GBPS. Now, the industry desperately wishes to pour 5G and bring virtually to main stream customers in a very short span of time. Bringing 5G is not going to be easy as it seems now because for 5G, issues of spectrum strategies, site configuration and antenna are mainly to be decided, configured and made available for masses. Identifiable metrics for higher performance 5G networks are higher bit rates, Lower latency, higher spectral efficiency, higher capacity density, higher connection density, leading to consequences for terminal and network cost, terminal battery life and energy efficiency and reliability of service mobility. As per technology giant's assumptions, narrow band IOT (Internet of Things) should be sufficient for next five years. Speaking generally therefore, 5G won't be just a single technology. It will be amalgamation of various technologies. Anything that is possible to be done without a physical interaction will be done virtually. As an example, one may be using 30-40 apps to decide about buying a laptop to an individual need now. In 5G, one app will be using high end calculation and only that will decide for this. Driverless cars, driverless public transport, anywhere movies and the power to finish watching a movie in a laptop which started at the home TV are going to be the 5G essentials for a user.



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