

INSTIGATION

Magazine acts as a mirror to college; a mirror of memories of relative world which reflects sound nature of students in every field in which they indulge themselves. To bring up REFLEXIA 2016 in front of you all is truly a moment of pride and joy for us. After the hard-work of all our team members who worked as a family, we are able to present you with the annual magazine of our college. We have tried to cover as much as we could in a limited space. All the entries were appreciable, but as we couldn't include each and every entry in the magazine due to some limitations, we applaud the overwhelming support of students in contributing towards this magazine and spirit of all the students who took their time to write the expressions full of life.

First of all, to create a moment of joy among readers, we are presenting JNGEC के दस साल which will surely give you insights of the journey our college has Come through. We have dedicated this magazine to physiographic features of our mother Earth. This magazine covers up the TECHNICAL SECTION followed by the sections named on four major and dominant landscapes as theme; covering MOUNTAINS, PLAINS, DESERT and SEA in which you will find abundance of creativity of our college students. To mesmerize you, we are presenting Art Gallery. Our next landmark is COLLEGE ACTIVITIES; you will find extra-curricular activities in which our college students actively participate. This whole section is a dedication to the efforts on the part of all students. For adding the cherry on the cake, we have a section named RIYASAT-E-SUKET in which you will find articles relatable to your life at Sundernagar. Our next section is JNGEC TALKIES and it will reveal some interesting stories which will surely make you smile. We are glad to conclude our magazine with ALUMNI MESSAGES followed by a specially designed MAP to provide you with some TRAVEL GOALS. We hope that you will like the 2016 Edition of REFLEXIA. We believe that this magazine will inspire you to live more, enjoy more and accomplish more. On this note, we wish you a Happy Reading!!!

Cover page by Anil Chauhan, Civil 3RD Year.

JAWAHAR LAL NEHRU GOVERNMENT ENGINEERING COLLEGE

REFLEXIA 2016



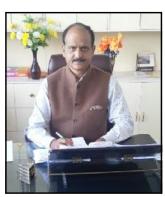
VISION

To be a premier institution imparting value based education, enabling innovation in frontier areas of technology that propels development of society at national and global arena.



MESSAGE FROM THE DIRECTOR

It is a great pleasure to see the creative expressions of students who had contributed to 2nd of its annual magazine Reflexia. JNGEC has grown abundantly in the recent past. It continues to sustain its growth. People reading this magazine will realize the tremendous changes that are happening in the JNGEC campus. The magazine is presenting a glimpse of the growth of the institution on many fronts. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college students.



A weak link is better than a strong memory. Nothing exemplifies it better than the nostalgic feeling one gets when leafing through the dusty old pages of his/her college magazine. It can make a reader travel down the lanes of memory, giving rise to a surge of emotions of many hues and colors. JNGEC Reflexia is going to give the same pleasure to all the brilliant minds who traverse through the portals of this temple of learning.

The essential purpose of a college magazine is to inform, engage, inspire and entertain a diverse readership - including alumni, parents, students, faculty, staff and other friends of the college - by telling powerful stories that present a compelling, timely and honest portrait of the college and its extended family. I am sure the college will scale even greater heights in the years to come and serve many more millions in the society.

Reflexia 2016 represents the collective work of the team. This magazine brings out the notable achievements of JNGEC. I am sure that through these pages readers will get a bird's eye view of JNGEC and its wonders. I wish the magazine a grand success

Prof L. K. Awasthi Director/ Princpal

MESSAGE FROM THE EDITOR-IN-CHIEF

Dear readers,

With pleasure I would like to present you with the 2nd edition of REFLEXIA; annual college magazine. Thoughts are food for our brain and expression of beautiful thoughts and creations gives an unbound joy to readers as well as to the creators. REFLEXIA, thus, is a medium for students to voice out their thoughts in the form of poetry, literature, art and photography and showcase their creative side in the best of its way.



College plays an important role in shaping an individual, making him a valuable asset to the society. The administration of our college leaves no stone unturned to improve the standards of education and facilities provided to students to nurture their appetite for mental growth.

JNGEC provides students an environment where they can understand the needs of the philanthropy in society. The college provides all the useful & necessary resources to students so that they can keep themselves updated with the latest technological advancements in their fields.

I would like to express my humble gratitude to Principle/Director of JNGEC SUNDERNAGAR who has always been there to encourage and put his best efforts to make REFLEXIA 2016 a reality, and to the Deans, the HODs, and all the faculty members.

Dear students, learning is a treasure that will follow its owner everywhere. So always remember:

If you are not willing to learn,

No one can help you!

If you are determined to learn,

No one can stop you!

Ms. Nitasha Bisht Editor in Chief

MESSAGE FROM FACULTY COORDINATOR

It gives me an immense pleasure to present a truly literary and creative REFLEXIA to stakeholders of JNGEC. REFLEXIA provides a platform to the students to sharpen their writing talents. I am confident enough that this issue of REFLEXIA will send a positive message to the staff, students, recruiters and to all those who are interested in reading about educational and literary activities. It will be able to provide a clear picture of all sorts of activities undertaken by JNGEC.



REFLEXIA is our commitment to offer readers a mix of news worthy engaging and thought provoking articles about the institution and the people. Our major concern is readability and attractiveness of presentation.

Team REFLEXIA is grateful to those who floated their original ideas and shaped it in form of article, photograph, experience, etc. I wish to take this opportunity to sincerely thank **Prof. Lalit Awasthi** Director JNGEC for his trust on us. I am honored and delighted to shoulder this responsibility with strong support of **Ms.Nitasha Bisht**. I would like to express my considerable appreciation to those students who are working with us. It's their willingness to make efforts to share knowledge, concern and special insights with JNGEC. My message to students is, just be a good human being with self motivation; if you are, you will be successful everywhere. Always remember:

If an egg is broken by an outside force, life ends.

If an egg is broken by an inside force, then life begins.

Great things happen from inside.

Wishing u all the best in your ventures, efforts and concern.

Mrs. Pooja Sharma Faculty Coordinator

Editorial

In this age of mobile phones, internet, and endless TV channels the world seems to be moving fast... very fast. We just need to press a button for entertainment, information or communication and here we go; we'll get what we want. Everything is so easy, yet life has become so complicated. Our communication skills should be enhanced but they have become worse. We should all be knowledgeable but we have lost awareness of even our next-door neighbor. In this world of machines and gadgets, our life should be easy and we should be having great fun; In reality it is just the opposite. We might be having thousands of friends on Facebook but we have none to rely on. Anxiety and stress levels have increased among people. People have become so busy; they hardly have time to talk. We talk, but have lost that personal touch. We are easily influenced by what we see on TV or movies without even realizing its impact. Our personality gets formed and shaped by what we see. We are not enamored of paradoxes, circumlocution, and convoluted statements and the like...

Wait, wait!! We are not one of those pessimists, from the past, wailing about everything. Life is also pretty exciting. We have myriad careers to choose from. Knowledge is finger press away. Cuttingedge technology helps us in every aspect of our lives, and so we lead fuller, challenging lives.

Too often youngsters think that youth is a time of fun and gaiety, nirth and merriment, a prelude to the industry and responsibility of the latter years. We need to focus on the years we live with fun while focusing on our responsibilities.

This magazine hopes to chronicle the achievements of the year and to give expression to the creative genius of our students and staff. This is the age when students have become co-creators of ideas and knowledge and no more just consumers. This magazine is another opportunity for their self expression and inventive imagination. Here we the editors of the annual college magazine bring to you REFLEXIA 2016.

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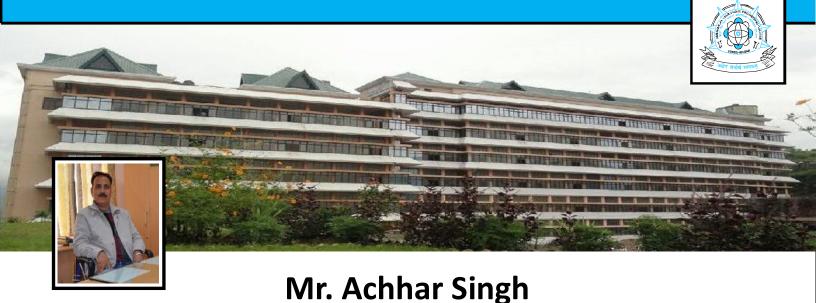
SIMRAN SHARMA



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DEPARTMENT OF APPLIED SCIENCES



Natural Sciences are the backbone of engineering field and whatever an engineer does is based upon the basic principles in the field of Natural Sciences. The department of Applied Sciences & Humanities is established to strengthen the basic and practical requirements of an engineer.

The Department of Applied Sciences & Humanities consist of Chemistry, Mathematics, Physics, English,

Economics, Environmental sciences, and Management. The well-equipped labs and skilled faculty help students to utilize their untapped potential.

TEAM REFLEXIA: - What role does the practical implementation of theoretical concepts play in building the foundation of an engineer?

DEPARTMENT:- The practical implementation of the subjects studied by students acquaint them with real life problems and inspire them to find their solutions. This makes the students ready to face the challenges waiting for them after the completion of their 4 year degree program.

TEAM REFLEXIA:- It is often seen that engineering students consider subjects of humanities, unconnected and less motivating. What's your say on that?

DEPARTMENT:- No doubt, engineers are supposed to have in depth knowledge about the engineering subjects and these subjects are based upon natural sciences especially Maths, Physics. It's very important for an engineer to connect with society. This can be done by knowing about the ABCs of natural sciences, communication and management skills.

TEAM REFLEXIA:- Do you want to say something about this initiative of annual college magazine.

HOD'S REPLY:- I hope that committees working to shape the magazine will leave no stone unturned for excellence, they

deserve a pat on their back. I wish all the students a prosperous future ahead.









The Mechanical Engineering Department is one of the oldest standing chunk of JNGEC established in 2006 with inception of the Institute. **Er. Amitesh Sharma** is the head of the department who leaves no stone unturned for the overall development of this department. The department structure its curriculum by emphasizing engineering theory, hands-on experience and technical skills. By doing so, students learn how to solve practical problems and

analyze situations. Also the department has well experienced faculty and well established labs. He says "enjoy life to the fullest and work hard to contour your future so that you can attain success in any field you want."

TEAM REFLEXIA: In this drastically changing era, what is the qualitative change you find in students?

DEPARTMENT: Students are more focused now-a-days. They are ambitious towards their goal but they are somewhere lacking in channelizing their potential.

TEAM REFLEXIA:- Who according to you is an ideal student?

DEPARTMENT: An ideal student respects his elders and teachers. He is punctual and obedient towards his duties and studies.

TEAM REFLEXIA:- What is your take on quality of students before and after AIEEE?

DEPARTMENT:- During AIEEE days students were more conceptual and after AIEEE students are more hard working as they know the value of marks, as in JEE MAINS the final score is the normalized score.

TEAM REFLEXIA:- What is your message for the team members?

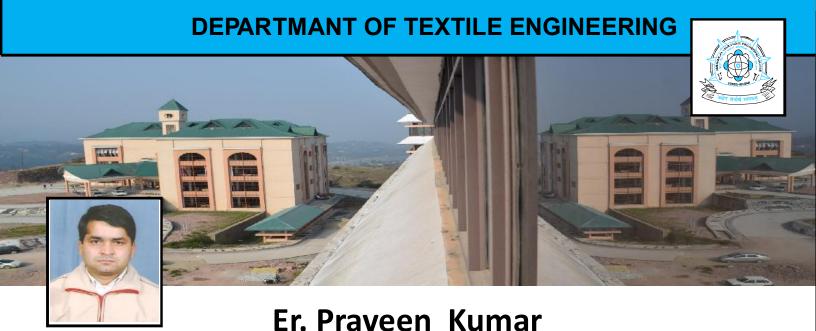
HOD'S REPLY: It gives me immense pleasure that editorial team of college magazine is releasing 2nd edition of 'REFLEXIA'. I would like to convey my best wishes to all the members of the team and the faculty coordinators. College







magazine provides a great platform to students and sharpen their writing skills and it will help them in future which ultimately brings good name to the institution.



The Department of Textile Engineering is established to create skilled engineers to yield innovators of excellence for textile industry. Under the guidance of **Mr. Praveen Kumar** as the head of department, this department coordinates as a tangible team to attain short and long term goals of department. Textile Engineering is a course which is offered by only one institution in the state of Himachal Pradesh. Laboratories are equipped with machineries and instruments to groom students technically for producing sound engineers. Establishment of this department is indebted to Himachal government as it was one of the departments chosen to become its part when JNGEC was established in 2006.

TEAM REFLEXIA:- What are the qualitative changes you have witnessed in students with changing time?

DEPARTMENT:- Students are much faster and confident. They want to learn everything in fraction of seconds. They are more focused for the passion they have but are quite impatient.

TEAM REFLEXIA: Does the practical that are performed in labs really helpful for enhancing the technical knowledge of students?

DEPARTMENT: - Yes, it adds more to their knowledge. Most of the knowledge is of no use if it is not applied practically.

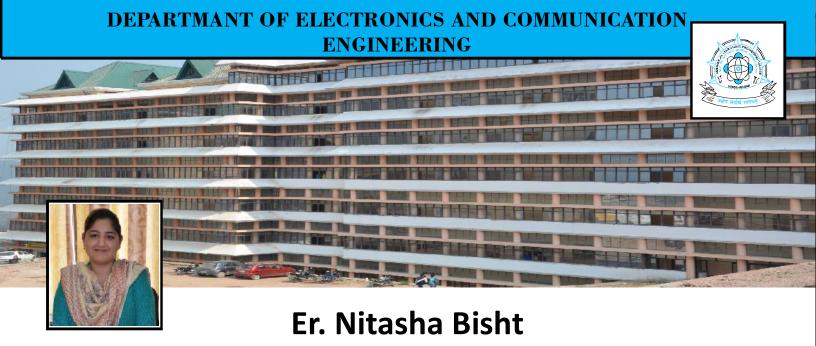
TEAM REFLEXIA: - Your message for students.

HOD's Reply:- I am extremely happy to know that students of our college are bringing out the college magazine "REFLEXIA" in this year also. Bringing out a magazine is not an easy task, but it is a venture of combined efforts of students and teachers of this college. This is a platform for students to reflect their vibrant talent in the creative ways. I congratulate all the contributors and editorial board for their sincere efforts in bringing out this magazine.









Electronics and Communication Engineering Department was established in the year 2010. Presently, under the guidance of **Er. Nitasha Bisht** as the head of department, the department showcases astounding display of excellence in teaching, research and service. The department is already thrived with well-equipped labs having the latest technologies. However, this department is new but the success which students have gained in recent years is immense. E&CED is making exhilarating progress in areas ranging from satellite communication, wireless communication, microelectronics to VLSI Design Automation. It has a supportive campus environment where one can actively collaborate with his/her faculty and classmates as well as get involved in other inventive things.

TEAM REFLEXIA: In this drastically changing era, what is the qualitative change you find in students?

DEPARTMENT: Students nowadays are more sincere towards their goals. Moreover, the students are technically more advanced due to the available resources.

TEAM REFLEXIA: What according to you should be the relation between a student and a teacher; professional or friendly?

DEPARTMENT: For a healthy relation between a student and a teacher, there should be both. It should be professional most of the time but a friendly relation should be there when required.

TEAM REFLEXIA: What is your message for the passing out batch?

HOD's Reply :-I am very happy to convey my best wishes to the passing out batch of 2016 and I am sure that this batch of very enthusiastic, energetic and creative thinkers would do very well in their professional career. I must say that keep in touch with us as distinguished alumni and continue to help your Alma Mater.









Prof. S. P. Guleria

Civil Engineering Department was introduced in 2010 with the vision to transform minds into young constructors of nation. It is aimed to create civil engineers with skills and creativity. Under the guidance of **Prof. S.P. Guleria**, Professor and Head (Civil Engineering), this department is moving forward to become a center of excellence in the field of Civil Engineering and acting as a source of learning & support to students and community. Civil Department has augmented various laboratories and other facilities keeping in view the contemporary technological

advancements in construction industry. Department also conduct industrial training and survey camps to make students familiar about the actual working site practices.

TEAM REFLEXIA: What are the changes you find in the quality of a student in new batches?

DEPARTMENT: Students are more technologically aware & they are more confident and ambitious. The quality of students taking admission in the institution is improving which is a stepping stone for the progress of college.

TEAM REFLEXIA: Who according to you is an ideal student?

DEPARTMENT: An ideal student should be an all-rounder. They should not only work hard for study but they should also indulge in other activities.

TEAM REFLEXIA: What are your views about civil department? **HOD's Reply:** Civil engineers are the builders of modern world and are instrumental in creating the monuments of modern technology. Due to the increased emphasis on the development of infrastructural facilities especially in a country like india, civil engineers are required to play a major role in creating better and improved infra structural facilities for the mankind. However, to achieve this target, civil engineers are required to be equipped with latest technical knowledge and should be capable enough to tackle the constructional site challenges.







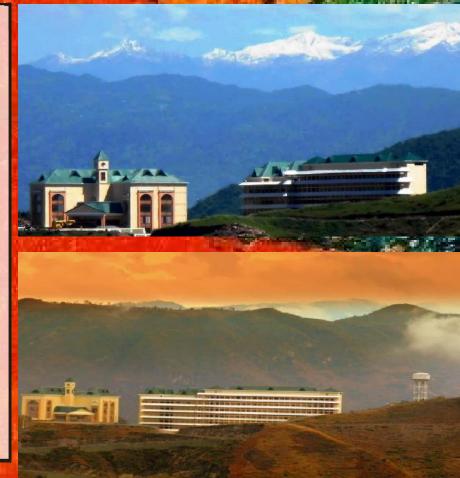
J.N.G.E.C. के दस साल





तो J.N.G.E.C. दस साल का होने वाला है। अगर हम सिर्फ भौगोलिकता के नजरिए से देखें तो J.N.G.E.C. भी बाकी संस्थानो की तरह ही बनावटी हदों के अंदर बंधा हुआ है। पर इसकी अपनी एक आकर्षक आभा है जो दूर से देखने पर मस्त कर देने वाला एहसास जगाती है। इसकी अपनी एक भावभीनी ठोस पहचान है। जब हम खुद कठोरता के स्तर से उठकर मार्मिकता के स्तर पर पहुँचते हैं तो J.N.G.E.C. भी कह उठता है, ''हाँ मैं दस साल का हो गया हूँ चलो जश्न मनाते हैं''। मैंने तुम्हारी हर उस खुशी को देखा है जो कैंटीन में एक चाय के गिलास में घुलती है। मैंने हर उस दु:ख को महसूस किया है, जो अपने लगभग चार साल पूरे कर चुके "REFLEXIA" के वरिष्ठ सम्पादक महसुस कर रहे हैं। मैंने हर उस प्रयास को सराहा है, जो बिना झुके हुए अपनी विद्रोही <mark>चेतना से</mark> सबकी सोच में <mark>हाहाकार मचा देता है। मैं हर उस</mark> तीक्ष्ण चुट्कुले पर हंसा हूँ, जो हंसी-हंसी में लोगों को उनकी औकात का स्मरण करवा देता है। मुझे संचालित करने वाले, मेरी धमनियों की तरह हैं। एक शिक्षक जब शिष्यों को ज्ञान और विज्ञान का उपदेश देता है, तो मैं खुद को एक आध्यात्मिक पूजा स्थल महसूस करने लगता हूँ और जब एक संचालक नैतिकता से गिरकर अनीति करता है तो मैं खुद को बंजर-मरू महसूस करता हूँ।

अपने दस साल के सफर में, कभी मुझे अपनी बात कहने का मौका नहीं मिला, पर आज देखो मैं इन शब्दों में तुम्हारे समक्ष साकार प्रस्तुत हो गया हूँ। चलो तुम्हें शुरुआत से ही बताता हूँ। ''वस्त्र अभियांत्रिकी'' और ''यांत्रिक अभियांत्रिकी'' विभाग मेरे पहले दो स्तंभ, जिन पर मुझे 2006 में खड़ा किया गया। आदरणीय मुख्यध्यापक श्री 'आर. के. शर्मा'' के गतिशील नेतृत्व में कक्षाओं को शरू कया गया। ''श्री जोगिंदर सिंह, श्री एम.एल. मौदगिल, श्रीमित विनीता आर्य'' के अतुलनीय प्रयासों ने उस नींव को ओर मजबूत कर दिया। बाद में "श्री आर. एल. शर्मा" ने मुचारु रूप से कॉलेज का संचालन किया । हालांकि क्रागजों पर मेरा पंजीकरण किया जा चुका था, पर औपचारिक रूप से मैं नहीं था। मेरे नाम से शुरुआती कक्षाएँ ''राजकीय बहुतकनीकी संस्थान सुंदरनगर'' में शुरू की गई। जितनी कम सुविधाएं, उतने ही ज्यादा धैर्य का प्रमाण दिया दोनों ही विभागों के मुख्य पदाधिकारियों





श्रीमान ''प्रवीण कुमार'' (वस्त्र अभियांत्रिकी) और श्रीमान "मोहित धीमान" (यांत्रिक अभियांत्रिकी), मेरी अप्रत्यक्ष रूप-रेखा में अपने कर्तव्यों का निर्वाह करने लगे। एक पुस्तकालय और दो कमरों के नीचे भावी अभियंता पाठन कार्य करते और शोधकार्य के लिए दस या बारहा दिन उच्च संस्थानो (NIT) का रूख करते। 2010 में दोनों विभागों का पहला प्रतिभावान वर्ग अपने कौशल का विकास करके उतीर्ण हुआ। यह क्षण जितना मेरे लिए, उतना ही पूरे हिमाचल के लिए प्रतिष्ठापूर्ण था। कॉलेज के उत्तीर्ण अभियंता कई प्रतिष्ठित उद्योगों से जुड़े तो कुछ उच्च शिक्षा के लिए प्रसिद्ध संस्थानों को गए। इसी बीच 2010 में मेरे लिए गौरव का एक और क्षण आया जब मुझे मेरे और दो स्तम्भों ने आलिंगन दिया। "जनपद अभियांत्रिकी" और ''विद्युतीय और संचार अभियांत्रिकी'' की कक्षाएँ भी शिक्षा के सुर में कदम ताल करते हुए आगे बढ़ने लगीं। "जनपद अभियांत्रिकी" विभाग का कार्यभार श्रीमान ''एस.पी. गुलेरिया'' और ''विद्युतीय और संचार अभियांत्रिकी''का कार्यभार''डी, आर, शर्मा''ने संभाला। आखिरकार 2010 में मुझे मेरी भौगोलिक पहचान मिल गयी और मेरा स्थानांतरण सुंदरनगर की एक सुंदर सी पहाड़ी पर हो गया।

आज चारों विभाग अपने सम्पूर्ण समर्पण के साथ 4 साल का पूर्वस्नातक अभियांत्रिकी पाठ्यक्रम करवातें हैं, जो कि AICTE द्वारा मान्यता प्राप्त है और ''हिमाचल प्रदेश तकनीकी विश्वविद्यालय'' द्वारा निदेशित है। आज संस्थान

के चारों विभागों के पास प्रतिभावान शिक्षक व शोधकार्यों के लिए सभी सुविधाओं से सुसजित प्रयोगशालाएँ हैं। हर विभाग अपनी काबिलियत के दम पर रोज नए कीर्तिमान छू रहा है।

संस्थान समय समय पर तकनीकी शिक्षा को सशक्त बनाने के प्रयास करता रहता है। संस्थान में राष्ट्रीय व अंतर्राष्ट्रीय स्तर के सम्मेलन, अध्ययन गोष्ठी व भिन्न-भिन्न कार्यशिविर आयोजित करवाए जाते हैं, जो मेरी मूलभूत उन्नित का सिद्धांत हैं। मेरे हर विभाग का उद्देश्य है, समृद्ध शिक्षा, समृद्ध शोध और समृद्ध शोर्य। कई प्रसिद्ध कंपनियाँ जैसे वर्धमान, विपरो, टेक महिंद्रा, हर साल कॉलेज परिसर से योग्य अभियन्ताओं का चयन करती है। हर साल राष्ट्रीय पर्व के दिन मेरे सामने भी तिरंगा लहराया जाता है और देश को सम्पूर्ण प्रभुत्व-संम्पन राष्ट्र बनाने की शपथ ली जाती है। पर मुझे एक बात का मलाल हमेशा से रहा कि आत्म दर्शन करा देने वाले शब्द ''जन-गण-मन'' केवल दो ही दिन मेरी हवा <mark>में घुलते हैं, और बाकी दिन'' अरे</mark> अब हम कालेज में आ चुके हैं यार'' हाहाहा। ''कला ही कर्म है'' इसी नारे के साथ हर साल मेरे परिसर में तकनीकी-सांस्कृतिक समारोह''त्वस्क'' बड़े रंगारंग तरीके से मनाया जा रहा है। इसमे भावी अभियन्ताओं को अपनी कलाओं को निखारने के लिए मंच मिलता है। इन दस सालों में मुझे मेरे हर शिक्षक, विद्यार्थी, संचालक व कर्मचारी ने अपनी मेहनत व समर्पण का मुरीद <mark>बना लिया है। आज मैं आदरणीय मुख्यध्यापक श्री "एल. के.</mark> <mark>अवस्थी" के नेतृत्व में उन्नति के पथ पर</mark> अग्रसर हूँ।



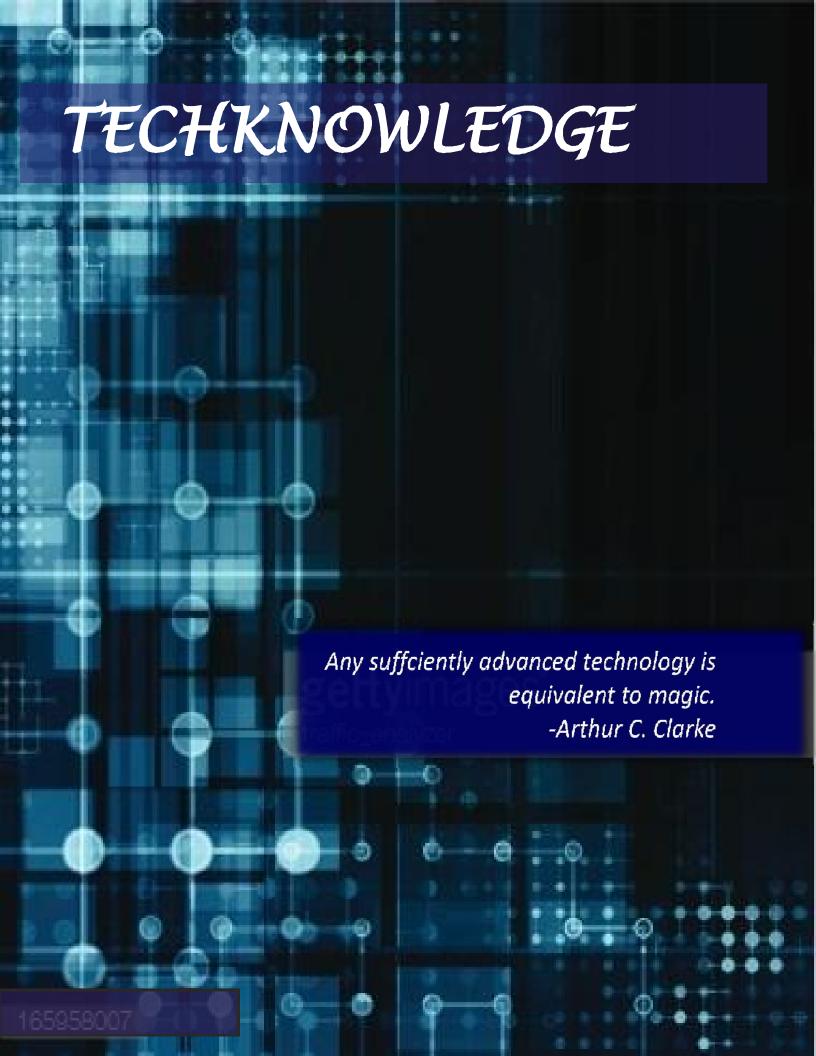




मैं तो बस यही कहूँगा,

" दस सालों के सभी प्रयासों की सफलता इस बात पर निर्भर करती है कि संस्थान के प्राचार्य और शिक्षक भावी अभियन्ताओं को कल्पनाशील गतिविधियों और सवालों कि मदद से सीखने और सीखाने के दौरान अपने अनुभवों पर विचार करने का कितना अवसर देते आए हैं और आगे देंगे। हमें ये मानना होगा कि यदि किताबी ज्ञान के अनुरूप अभियन्ताओं को एक प्रभावी वास्तविक अनुभव से रूबरू कराया जाये तो वे दी गयी सूचना सामग्री से जुड़कर कई नए विचार रच पाएंगे और मेरे (J.N.G.E.C.) राष्ट्र को समृद्ध बना पाएंगे। मेरे इस दस साल के सफर पर चलने के लिए तुम्हें धन्यवाद कहता हूँ और अपनी शुभकामनायें देता हूँ।"

हिमांशी कौल सुनील सैनी कार्तिक राणा



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PIYUSH AGGARWAL ECE 4TH YEAR



Internet of Things (IoTs) Connecting things Connecting You Anytime Anywhere with Anything

The next wave in the era of computing will be outside the realm of the traditional desktop. In the Internet of Things (IoT) paradigm, many of the objects that surround us will be on the network in one form or another. Radio Frequency Identification (RFID) and sensor network technologies will rise to meet this new challenge, in which information and communication systems are invisibly embedded in the environment around us and monitoring our lifestyle. This results in the generation of enormous amounts of data which have to be stored, processed and presented in a seamless, efficient, and easily interpretable form. This model will consist of services that are commodities and delivered in a manner similar to traditional commodities. Cloud computing can provide the virtual infrastructure for such utility computing which integrates monitoring devices, storage devices, analytics tools, visualization platforms and client delivery.

The term Internet of Things was first coined by Kevin Ashton in 1999 in the context of supply chain management However, in the past decade, the definition has been more inclusive covering wide range of applications like health-care, utilities, transport, etc. Although the definition of 'Things' has changed as technology evolved.

For more understanding consider example network and data records is creating a home monitoring system for elderly care, which allows the doctor to monitor patients and the elderly in their homes thereby reducing hospitalization costs through early intervention and treatment. Control of household equipment such as air conditioners, refrigerators, washing machines etc., will allow better home and energy management. This will see consumers become involved in the IoT revolution in the same manner as the Internet revolution itself.

There are three IoT components which enables seamless UbiComp:

- (a) Hardware—made up of sensors, actuators and embedded communication hardware
- b) Middleware—on demand storage and computing tools for data analytics and
- c) visualization and interpretation tools which can be widely accessed on different platforms and which can be designed as per applications.

Applications:-

There are several application domains which will be impacted by the emerging Internet of Things. The applications can be classified based on the type of network availability, coverage, scale, heterogeneity, repeatability, user involvement and impact. We categorize the applications into four application domains:

- (1) Personal and Home
- (2) Enter prize
- (3) Utilities
- (4) Mobile

Open challenges

Some open challenges are discussed based on the IoT elements presented earlier. The challenges include IoT specific challenges such as privacy, participatory sensing, data analytics, GIS based visualization and Cloud computing apart from the standard WSN challenges including architecture, energy efficiency, security protocols, and Quality of Service.

Li-Fi



ANSHUMAN SHARMA ECE 3RD YEAR

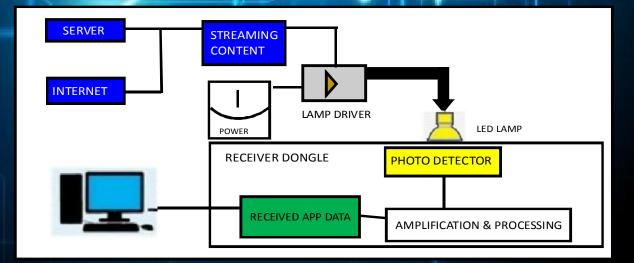
Fechnology has already done wonders and it still is amusing us every day. Every other day, we come across a new invention and no doubt, every other innovation is exclusively amazing. Technology is never going to get tired showing us its mesmerizing tricks. Now, again technology has presented us with another marvel: Li-Fi...

Whether you're using wireless internet in a coffee shop, stealing it from the guy next door, or competing for bandwidth at a conference, you have probably gotten rustrated at the slow speed you face when more than one device is tapped into the network. As more and more people and their devices access wireless internet, clogged airwaves are going to make it & speed slow One German physicist, Herald Haas has come up with a solution he calls "data through illumination" — taking the fiber out of fiber optic by sending data through an led light bulb that varies the intensity faster than human eye can follow. It's the same idea like an infrared remote; when we press any button then nfrared bulb sends signal in same pattern which is further detected by TV receiver but in case of Li-Fi, many bulbs are present. So that data can be transmitted among number of users at high speed, simultaneously.

Herald Haas says, his invention which he calls DLIGHT, can produce data rates aster than 10 megabits per second, which is speedier than your average broadband connection. He envisions a future where data for laptops, smart phones, and tablets is ransmitted through the light in a room. And security would be snap-if you can't see the ight, you can't access the data.

How Li-Fi works?

When a constant current is applied to an LED light bulb, a constant stream of photons are emitted from the bulb which is observed as visible light. If the current is raried slowly, the output intensity of the light dims up and down. It is possible to encode data in the light by varying the rate at which the LEDs flicker on and off to give different strings of 1's and 0's. Because LED bulbs are semi-conductor devices, the current, and nence the optical output, can be modulated at extremely high speed. Internet connection basses through lamp driver. The driver fluctuates its power level by which a variation in the intensity of LED occur, which can be detected by a photo-detector device and converted back to electrical current. Using this technique, high speed information can be transmitted from an LED light bulb.





N AIRCRAFT CABINS



RF RESTRICTED ENVIRONMENTS



Li-Fi has its applications extended in areas where the Wi-Fi technology lacks its presence like medical technology, power plants and various other areas.

1. Education systems:-

As with the advancement of science the latest technology is the LIFI which is the fastest speed internet access service. So this will lead to the replacement of WIFI at institutions and at companies so that all the people can make use of LIFI with same speed intended in a particular area.

2. Extends our life span:-

As operation theatres do not allow WIFI due to radiation concerns. Usage of WIFI at hospitals interferes with the mobile and pc which blocks the signals for monitoring equipment. Therefore the replacement for this Wi-Fi is Li-Fi as Hass has mentioned that LIFI has 10,000 times the spectrum of Wi-Fi because the lights are not only allowed in operation theatres but also the most dazzling fixtures in the room.

3. Reduction in accident numbers

At traffic signals, we can use LIFI in order to communicate with LED lights of the cars so the number of accidents can be reduced. Data can be easily ransferred by making use of LIFI lamps with the street lamps.

4. Replacement for others technologies

This technology doesn't deal with radio waves, so it can easily be used in the places where Bluetooth, infrared, WIFI and Internet cannot be used. Thus Li-Fi will be most helpful transferring medium as an alternate. It includes other penefits like:

- ·A very wide spectrum over visible wave length range.
- ·Extremely high colour fidelity.
- Instant start time.
- ·Easy terminal Management.
- Dynamic dark i.e. brightness Modulation of lamp output to enhance video contrast.

Frouble-free integration into existing light engine platform. Li-Fi is the apcoming and on growing technology acting as competent for various other developing and already invented technologies. Light being the major source for ransmission in this technology it is an advantage and very implementable in various fields that can't be done with the Wi-Fi and other technologies. Hence he future applications of the Li-Fi can be predicted and extended to different platforms like education fields, medical field, industrial areas and many other fields.

CONCLUSION

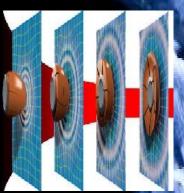
The possibilities are numerous and can be explored further. If this technology can be put into practical use, every bulb can be used something like a Wi-Fi notspot to transmit wireless data and we will proceed towards the cleaner, greener, safer and brighter future.

LIGHT WEIGHT BULLET PROOF JACKETS



SIMRAN SHARMA TEXTILE 3RD YEAR









As bullet proof jacket is used to save body from bullets as suggested by its name. It is being used till centuries, only the difference lies in its construction. Initially, it was made of iron and its weight was very heavy. As technology stepped its way forward, researchers created bulletproof vests of fabric!

Firstly, I want to make this clear that in today's world we are commercially using bullet proof jackets made of different types of fabrics sandwiched to produce a light weight vest which can save our body from bullets.

The formation of light weight bullet proof fabrics started after the discovery of Kevlar fiber by Du-pond. Kevlar is a para-aramid synthetic fiber. It was developed by Stephanie Kwolek in 1965 and was commercialized in 1970 as a replacement to steel in tires. Its tensile strength to weight ratio is five times more than steel making it five times stronger than steel.

Not only the fiber itself responsible for bullet proof property but also the way it is weaved plays a crucial role. A bulletproof jacket consist of a vest shaped sheet of advanced plastic polymers that are composed of many layers of Kevlar or Twaron and spectra shield over it bonded with resins such as Kraton and then sealed between two sheets of polyethylene. Panel is also inserted in it. Panel gives protection but not much comfort. It is placed between the shells of fabric. To make fabric absorbent for sweat, it is coated with absorbent material like Kumax from its inner surface.

The basic principle behind this vest is dissipation of energy when a bullet hits on it. Energy of bullet is dissipated and due to the strength of material used, bullet is restricted to penetrate to even touch wearer's body. Although, energy is only dissipated it can cause internal injury to the person wearing it. Chances of injury remains there, just the chance of being hit by bullet reduces. Energy is dissipated in a larger area and hence restricting bullet to penetrate through it. The combination of high performance fibers with the weave makes it possible to restrain such a force. As the force is being split into a larger area, it penetrates some layers and doesn't allow bullet to reach the body. Vest can prevent bullet penetration but still both the vest and wearer can absorb bullet's energy. To impart more strength to the fabric, plates of polyethylene, ceramic steel can be used for protecting vital areas.

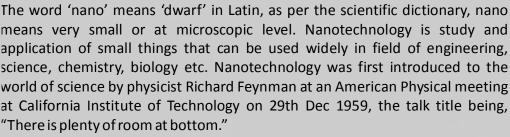
To overcome this problem, now bullet proof jackets are being made with non-Newtonian fluids. This fluid is packed inside Kevlar body of textiles. This not only reduces the weight of jacket but also it acts as a much better life saver. Non-Newtonian fluid hardens when an external force is applied to them resulting in restriction of bullet's energy to even penetrate vest and reach towards the person's body. This not only restricts the bullet but also bullet is collected in a layer of vest which can easily be removed and can be used for evidence. This is the basic idea how a bullet proof fabric is formed. There are many advancements and researches going on to improve this fabric

to make it more effective and efficient!

Nano Technology in Textiles



Garima Goel Textile 3rd year



Textile & Nano Technology

Concept of nanotechnology used in textiles on fiber and fabric is nothing but adopted from nature. E.g. - how the lotus leaf stays dry in spite of water? The same way Fabrics are modified so as to repel soil, dirt etc. and to remain clean and fresh using the nanotechnology principle. The nature has its own examples like that of lotus. In case of lotus leaf, water droplets are seen on upper surface, all this is done by "Waxy Nano leaf Fibers" growing on outer surface of leaf and uses the same technology on surface of fabrics and has created "smart fibers" and has created special smart fabrics to repel soil, dirt and remain clean and fresh forever. The Teflon Principle of Nano Technology is a way of creating dirt free fabrics.

Nano technology in textiles is used to develop desired textile characteristics repellence, fire resistance and anti-microbial properties. This technology is used in various sections of the textile industry, at the fiber stage, surface finish to fiber fabric stage or garment stage.

Electro spinning is the process for nano fibers' fabrication which has patents extending back to the early and mid 1990s. In this process, electrostatic forces are used to draw solution or melt polymer fluid into fibrous material form. Depending upon the material system and processing conditions, resulting fibers can range from several microns to less than 100 nanometers. Fibers used in Textile industry are notably improved by nanotechnology, one e.g. is nano cellulose, which is low cost, light weight and has good electric conductivity.

Example of industries where nanotechnology enhanced textiles are used are sports industry, skin care, space technology, clothing and material technologies for better protection in extreme environment. It can also be used to add new functionalities like energy storage and communications, thus can become boon if used efficiently.





SOME INSIGHT ABOUT LEATHER



ANJALI KASHYAP
TEXTILE 3RD YEAR





As the leather is becoming the trend of this era, So I think you people must be wondering about the popularity of the factual. Well, let me embrace that farther resembling it as a fashion prestige, leather was also preliminarily used for many purposes.

For those of you that have a fascination with leather goods, I am here to shed some insight of this wonderful material. Leather is a material created through the tanning of hides, pelts and skins of animals, primarily cows.

Leather is a very important clothing material, and its other uses are legion. Together with wood, leather formed the basis of much ancient technology.

There are a number of processes whereby the skin of a dead animal can be formed into a supple, strong material commonly called leather. Vegetable-tanned leather is tanned using tanning and other ingredients found in vegetable matter, tree bark, and other such sources. It is supple and brown in color, with the exact shade depending on the mix of chemicals and the color of the flesh.

Vegetable-tanned leather is not stable in water; it tends to discolor, and if left to soak and then dry, it will shrink and become less supple and harder. In hot water, it will shrink drastically and plasticize, becoming rigid and eventually becoming brittle. Alum-tanned leather is tanned using aluminum salts mixed with a variety of binders and protein sources, such as flour, egg yolk, etc.

Very light shades of leather are possible using this process, but the resulting material is not as supple as vegetable-tanned leather. Rawhide is made by scraping the skin thin, soaking it in lime, and then stretching it while it dries. Like alum-tanning, rawhide is not technically "leather", but is usually taken in with the other forms. Rawhide is stiffer and more brittle than other forms of leather, it is also cut up into cords for use in lacing or stitching, or for making dog toys. Boiled leather is a hide product (vegetable-tanned leather) that has been hardened by being immersed in hot water.

Would you know what you were buying? I will give you some general terms that will help you better understand what to look for when buying your leather.

1) Top Grain Leather is the best, The Very Best Genuine Leather. It is very strong and is great for protection. In early times leather was also used for protection during battle. It was used on shields, on the fort towers and even wore on the body as armor.



- 2) First Cut Leather which is of course the top grain or the genuine leather cut.
- 3) Buff Leather or Scraps: This would be the bottom layer which is weak and would have a real hard time being passed as top grain or even first cut. Used a lot for fashion wear.
- 4) Flank Leather or Scraps: Much weaker and usually used in trending clothes. It is not a leather that will last long and made from the lowest grade leather.
- 5) Napa-Finish Leather- When talking of Napa we are usually speaking of pig hide or pig skin. Napa finish leather will sometimes be combined with low quality wool to look quite expensive and sold for a good price.
- 6) Suede Leather- Is the reverse layer of a Top-Grain or Genuine Leather Hide whose nap has been tanned and finished. Real Suede is smooth on one side.

Do you really know what you are buying when you buy a leather jackets or another leather product. Chances are not even the sales person you buy it from can even tell you. If you buy a leather product that is a 1 oz. then chances are that it was not made in the U.S.A. Most of your lower grade leather will come from a foreign country where it is made at a mass production plant. The thinner leather is easier to work with and therefore, used for fast, mass production. U.S.A. made products, such as the all popular bomber jackets are made of a 2.5 oz. leather or better. If you want a heavier jacket that will last forever then you can go with the 4.0 oz stuff.

Finally, as history has attested, leather methods will be constantly improved over time. And we are grateful for the richness and affordable variety available to all of us!

A lot of what we know now is because of our innovative, industrious ancestors.

Waste is not actually WASTE



DEVENDER
MECHANICAL
3RD YEAR

It is often said that the future will belong to those who will find the importance of waste. With the fast growth of civilization there is also an ever mounting need for energy. Energy may be in the form of fuels or electricity. The world appears to have reactivated energy to a liquid fuel like petrol. This is likely to be exhausted in the course of a few years at the rate man is using it. So, it is the need of the hour to step on to non-conventional sources of energy or to get something meaningful out of waste.

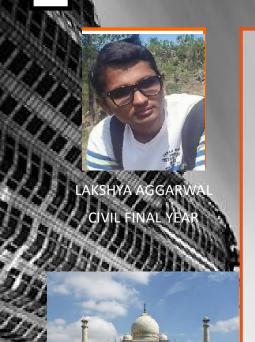
Taking a giant step in this direction, British Government has started buses which are driven by waste. 'Bio-Bus' which is powered entirely by human faeces and food waste is a perfect epitome of the conservation of energy we are talking about.



"Bio-Bus" runs on bio-methane gas, generated through the treatment of sewage and food waste. This bio-methane gas is produced at a Wessex Water sewerage plant, run by energy firm GENeco. Using anaerobic digestion (the process of using bacteria to break down substances in the absence of oxygen) the plant is able to produce 17 million tonnes of bio methane a year. When compared with the diesel engines normally used to power buses, the Bio bus produces 20-30% less carbon dioxide, 80% fewer nitrogen oxides and is also low in particulates. The vehicle can travel up to 300km on one tank of gas, which takes the annual waste of about five people to produce.

Engineers believe the bus could provide a sustainable way of fuelling public transport while improving urban air quality. This bus is a perfect example that waste can work for wonders too.

TAJ MAHAL VS TAJ ARABIA







Can Taj Mahal, the seventh wonder of the world be built again?

As from the point of view of past few years, it was said that it is impossible to replicate this huge beautiful wonder of the world again. But the impossible says "I M Possible"

What does this mean?

Has somebody made this impossible task possible?

Well, yes.

Everybody must have read or heard about this somewhere that after the Taj Mahal was completely biult, the 22000 labourers who actually pushed their best efforts to give this wonder to the world lost their hands because the crazy ruler didn't want anyone to build the same structure again.

Taj Mahal is a marvelous structure and yes it is not possible to build the same structure again. It is a real challenge to engineering. But these Arabs had something else on their mind. They thought if they can't built the same structure again, they can at least replicate the same. Then there came up an idea of Taj Arabia. Yes, a hotel, a recreational structure that would look exactly like Taj Mahal in Agra.

The material may be different, the basic load bearings may be different but it will exactly look like Taj Mahal and this is what actually the word replica means.

So has Shah Jahan lost the dream to give away the best structure in the world?

Not exactly, Taj Mahal can't be built again but its replica can be.

Confused? Read further, you will get my point.

Basic features of Taj Arabia:-

- It is a 5 star resort, planned for weddings celebrations and to celebrate love.
- Marble will not be used, instead they will make use of glass all over.
- It is 4 times the size of Taj Mahal.
- The project will also include Mughal Gardens, a courtyard style retail area specialising in wedding requirements.
- It will be a 20 storey tower.
- Taj Arabia will offer around 300 rooms and 200 serviced apartments as well as marriage halls.

So to justify the statement that Taj Mahal can't be built again one can only say that a mausoleum built of marble and a hotel built of glass has no comparison to be made.

You can make 100% replica of Taj Mahal but the 22 years of austerity can't be met in just 2-3 years.

MATERIALS WITH SELF-HEALING POWERS



TAPESH BEHL CIVIL BRD YEA Bridges, tunnels and roads: concrete is the main component of our infrastructure. And when the structural elements need to be repaired, it often leads to long traffic jams. At the Annual meeting of AAAS (American Association for the advancement of science) in Washington, Experts talked about smart materials for sustainable infrastructure.

What actually happens to concrete?????

Small cracks can be formed in concrete due to permanent loading or variations in temperature. As explained by Prof. Christian Grosse from the chair of Non-Destructive Testing (NDT) at Technical University Of Munich, that the cracks do not usually pose any direct threat to stability of structures. However, water and salts can penetrate the concrete and damage the affected components.

There are three healing mechanisms on which scientists are working and project is named HealCON and are explained below:-

(1) Bacteria as mini construction workers

Certain bacteria produce calcium carbonate as a metabolic product. The scientists soak balls of clay with spores of these bacteria and mix the balls into concrete. Once water penetrates the concrete, the microorganisms become active and release calcium carbonate, one of the main components of concrete. "The bacteria can close cracks of up to a few millimeters in width in a matter of a few days", says Grosse.

(2) Hydrogels as gap fillers

Hydrogels are polymers that absorb moisture. They are used in diapers, among other things. Materials containing hydrogels can expand to ten or even 100 times their original size. Cracks that form in concrete can be healed by a hydrogel that expands when it comes into contact with moisture, thus preventing the water from penetrating further without expanding the cracks.

(3) Greater strength; thanks to epoxy resin

Epoxy resins or polyurethane can be encapsulated and mixed into the concrete. When the concrete cracks, the capsules break open and the polymer is released. It forms a hard mass that seals the crack. It also has a positive side-effect: It increases structural stability.

Looking into concrete

For testing how these healing agents work in individual cases, Non-destructive methods are used such as acoustic emission technology. Pressure is exerted on a concrete block that contains one of the healing agents. When the concrete cracks, acoustic waves are generated, which are measured using sensors. By means of the measurement data, the scientists not only can establish that cracks have formed but also can determine precisely where. Following the healing process, the researchers carry out the experiment again. If the healing process was not successful, there are few new acoustic waves, as the cracks are still there. If the cracks have been filled, new ones arise -- but in different places. "The localization of the crack sounds clearly indicates whether a remedy works or not," explains Grosse.

Testing structural components using ultrasound

While acoustic emission analysis is suitable for laboratory applications, a different technology must be used for real-world on-site testing of large concrete components. In this case, use of continuous ultrasound pulses is considered.

The scientists measure the time required for ultrasound pulses to propagate through the concrete. Cracks prevent the transmission of the signal, and as a result it needs more time to traverse the material. If the cracks have been filled, the pulses go through the material faster again. The strength of the signal also declines noticeably in the case of damaged material.



TOP FIVE AMAZING CIVIL ENGINEERING MARVELS

I. CHANNEL TUNNEL IN FRANCE: The channel is a 51 km ong underwater tunnel that connects France and England. It was first proposed back in 1802 but as the echnology was too expensive, it had to wait almost 200 rears. When it was completed, the Channel Tunnel had he longest underwater run of any tunnel in existence 23.5 miles).



3. WEINAN WEIHE GRAND BRIDGE: Opened on Feb 6, 2010 in China, this grand bridge is 79.372 km long and crosses seven rivers and is the biggest bridge in the world.



5. THE INTERNATIONAL SPACE STATION: A collaborative engineering marvel, constructed primarily at ground level facilities and launched into space on rocket or shuttle. It is the only permanent structure to be assembled in space.



2. THE GREAT WALL OF CHINA: The massive scale of Great Wall of China merits it's inclusion on this ist of engineering marvels. Being nearly 8855km ong, it is the longest continuous construction in the world.



4. CN TOWER: The CN Tower in Canada is breath taking 1,815.4 feet high. The tower was originally designed as a radio antenna without any plans for observations deck. The American Society of Civil Engineers named it one of the modern Seven Wonders of the World.









PRIYA JASWAL (ASST. PROFESSOR) TEXTILE DEPT.

Time Management Skill

Success is a daily habit

What have you done today to move you closer to your dreams? Are you expecting to wake up one morning and suddenly do everything to achieve your dream in just that one day?

Aristotle said, "We are what we repeatedly do." Success is a daily habit. It's the little things you do every day that will get you to your destination.

Time management skill - cultivate a habit of reading

A leader is a thinker, a person whose judgment is developed. To be a leader one has to be a well-versed and confident person. Such balance only comes through reading. Books open to us a world where we meet new characters, hear new stories and encounter new traditions and lifestyles. Through reading, we get new ideas and thoughts and learn many lessons which can shape our characters and mould us into better human beings.

Time management skill - the time management matrix

One guide that will help you decide whether something should take up your time or not is the time management matrix. In this matrix, which may be drawn as a quadrant, there are basically four groups of activities. There are those things that are urgent and not important; those that are urgent and important; those that are not urgent and not important and those that are not urgent and important.

Time management skill - do the important things

What we need to do is concentrate on the things that are most important. The hard part is that these are usually the things that are not urgent. Yet they are things that will make the biggest difference to our lives.

Why not turn off the television set tonight and read an inspiring book? Why not take a quiet moment to sit down and write down what you want to do with the rest of your life?

Time management skill - it isn't always fun

As you can see, the important things are usually not the most fun or exciting things to do. However, they must be done. There is a price to be paid for attaining greatness and at times that means doing things we don't necessarily enjoy or want to do.

But you must do those things because you realize that your future depends on it. Think about this: if you only had to do the things that are fun and exciting at work would you get anything done? No. Why then, won't you do the things that matter most for your own life?

Conclusion

If you have not done anything today to get you closer to your dreams you are not a dreamer, you are a wisher. Wake up and do something about it or watch the dreamers take hold of their dreams, one little step each day.

"Motivation is what gets you started. Habits is what keeps you going," Develop the habit of putting first things first today. Work on your dreams each and every day.

You are all you can be. Go on and be it!

CULTIVATE A HABIT OF READING

Reading habit is an essential and important aspect for creating the literate society in this world. It shapes the personality of an individual and it helps them to develop the proper thinking methods and creating new ideas.

THE SIGNIFICANCE OF READING:

The ability to read is recognized generally as one of the most important skills that a person can have, Reading is a tool of the acquisition mind; it is the vehicle for obtaining ideas that cannot be transmitted verbally.

The individual who reads well has at his command a means for widening his mental horizons and for multiplying his opportunities for experience. Reading is a crucial factor affecting intellectual andemotional growth.

Reading is an important activity in the process of learning. In the movement of human history it has been gaining greater importance and becoming one of the essential aspects of the functioning of human beings who are collectively involved in the regulation of society.

Explosion of knowledge and revolution in communication technology made man feel that producing reading material and its distribution for a wider circulation is indispensable. The significant developments in science and technology brought tremendous change in printing technology.

No doubt, the present generation is exposed to an ocean of books but the problem is in the selection of appropriate and suitable literature, which can help individuals and society at large. Unfortunately, the undesirable literature that is produced with all vested interest and a profit motive has become popular and has been diverting the minds of masses, particularly the youth from their main concerns. Thus, there is an urgent need to arrest such material and make desirable reading material available to them. Hence, selection and reading of a book today is a challenging task to be approached scientifically.

READING MODIFIES PERSONALITY:

Personality is continuously modified through reading. Reading like any other form of experience may exert either a negative or a positive influence on the reader. A well-balanced program should keep in the development of right attitudes, ideals and appreciation. Thus it aids in developing a rich and stable personality.

READING AIDS IN PERSONAL AND SOCIAL ADJUSTMENT:

It implies that as youth measures, he must have, "a mind, a conscience and a philosophy of his own". One of the basic



aims of education has been to assist the child in interpreting himself in relation to other and develop in him the power to understand better the life about him. In acquiring essential understanding attitudes and social adjustment, books render a great service to youth.

READING SERVES AS A FORM OF RECREATION AND ENJOYMENT:

Aristotle says, "the whole end and object of education is the wise use of leisure Adolescence is the period when time. Reading provides recreation but also broadens the interest of readers, satisfies curiosity, stimulates goods thinking and preserves a balance and flexibility of mind. Thus, it is not only a source of pleasure but also a source of profit".



JYOTISHA AZAD ECE THIRD YEAR

मेरे 'शब्दों' को सुनो

बचपन की कोई बात याद नहीं याद नहीं आवाज़ कोई बस याद है बचपन में कहता था कोई हारोगे नहीं तब तक, हार नहीं मानोगे जब तक।

हार नहीं मानी मैंने कभी न कभी आँखे झुकाई आँसू तो बहे लेकिन कभी न मैं रोई बोली हर बात चुप नहीं रही कभी जानती थी, अभी मेरी आवाज़ नहीं सुनेगा कोई।

हमेशा निहत्थी ही सही, लेकिन हर रोज़ लड़ी मैं हर रोज़ गिर कर फिर खुद ही उठी मैं जानती थी अभी (अकेले में गिरकर) हाथ नहीं बढ़ाएगा कोई। भागी नहीं मैं डर कर उस दिन पांव को आशा के पंख लगे थे जिस दिन साँस रुक रही थी पर मेरी जीत को रोक नहीं पाया कोई ।

मेरी जीत को देखो मेरे ज़ख्मों को नहीं मेरे शब्दों को सुनो मेरी आवाज़ को नहीं मेरी आँखों को देखो जो अब तक न सोई हैं न रोई ।

अब न बांधेगी पायल पांव को, न जकड़ेंगी चूड़ियाँ हाथों को अब जीतूंगी मैं हर रोज़ किसी से, हर रोज़ हारेगा मुझसे कोई भले ही लडूं अकेली मैं पर लड़ाई सिर्फ मेरी नहीं बदलनी है सोच मुझे, नहीं बदलना एक इंसान कोई

संपूर्ण विजय की मैंने है ठानी बस अब हारूंगी नहीं तब तक हार नहीं मानूंगी जब तक ।





ABHAY KOHLI ALUMNI CIVIL ENGG.

A Whisper In The Meadows

A streak of light breaks the dawn descending from the mighty sky illuminating the gentle grass standing tall not so shy. With fields, beautifully poised The chirrup of birds echoing the valley around ever so sweet, not so noised. Beholding this, I was taken aback enraptured and fascinated, left my shack all this brought gleam to my eyes dimming away, as the time flies. Then I heard, a melodious hymn was a girl, intervening my sight suddenly, fulfilling an old whim was a reality not a phantom of delight.

The melody took me away surrounded was she ,by a flock realising not so easy to have a talk came a brook in the way leaving me marooned, leaving me astray. Rekindling compassion, a breeze of romance making the shrubs move and flowers dance the splendid nature knocked my door steering my ship of hopes to the shore. Intimidating, was the shimmering light setting upon was this ruthless haze and undaunted was my sprightful gaze making everything look so bright. On the banks, standing by she yelled "why should I" the only answer I came by we are meant to fly.



HIMANSHI KAUL
CIVIL FINAL YEAR

THE LADY UNKNOWN

The pale face and calm smile, The patience lied in her eyes, The death was so near, Yet, she fought to survive,

She was tortured, she was tormented,

She lied helpless and maimed.

No, she wasnt weak still,

She proved to the land,
She was no less than a man.
Yet, the male chauvinist society,
Blamed her for her fate

I salute the lady,
For her bravery.
She is the "KNOWN"
Yet, so "UNKNOWN"

I salute the lady,
For her bravery ...
She is the "KNOWN"
Yet, so"UNKNOWN"...

I salute the lady,
For her bravery,
She is the "KNOWN"
Yet, so "UNKNOWN"



ANKUSH RANA CIVIL FINAL YEAR

I AM AN ARMY BRAT

My hometown is nowhere, my friends are everywhere. I grew up with the knowledge that home is where the heart and family is, with no dependence on the habitation.

Mobility is my way of life. Travel has taught me to be open. Shaking hands with the universe, I find brotherhood in all men.

Farewells are never easy. Yet, even in sorrow, I will build strength and ability to face tomorrow. When I leave one place, I feel that half of my world is left behind, I also know that the other half is waiting to be met.



For me, friendships are formed in hours and kept for decades. I did not grow up with anyone but matured with many. I have made lots of friends but I live with a constant hope that we will meet again.

When I stand to honor that flag, I am filled with the love, respect and pride for my country. I also stand in honor of all soldiers, and especially to my parents whose life created mine.

Because of this, I have a share in the rich heritage of Army's life.



DHANJAY KAUSHAL CIVIL 3RD YEAR

Life... In A Distinct Aspect

The first time you open your eyes in this world, you find yourself surrounded by your parents and relatives, all striving to wish you a warm welcome. Celebrations goes on all around and why not, you are one of the best creations of the almighty god.

That's the moment from where this film titled 'LIFE' begins. You are the lead hero of this film. You also get some supporting actors in form of your parents, relatives, friends and teachers but the success of your film relies solely on your acting skills i.e. your education and qualification, your courage and confidence, your knowledge and intellectualisation, your attitude and gratitude, your integrity and temperance, your beliefs and most importantly your values. Values include all your socio-cultural behaviour that is the necessity for your survival in this world.

Although you are constantly supported by your most important supporting actors i.e. your parents, but to learn acting skills for your role, you are admitted to institutes called SCHOOL. There, you are guided by one of the primary supporting actors of your film i.e. teachers. You also get to meet with some important and comic characters i.e. your friends. But remember one thing, they are supporting actors, they will support you when required but all according to the script of your film.

But wait a moment, something interesting here is that the script also depends on you! It depends on your understanding of values and relations, your attitude toward people, the way you interact and the quality of your thoughts. You have to learn all the basics of film-making here. This learning goes on for nearly fourteen years and you are taught almost everything that would help you to deal with this lengthy, difficult and tiring shooting period.

Then comes the time for professionalization that enhances your acting skills and to specialize in that, you are admitted to another institute called COLLEGE. This training period in college is the deciding factor in the extent of success of your film. It tests all your basics that you have learnt in those fourteen years of schooling. Here, you have to deal with more intense and real life situations. Your limits are tested. You have to face a lot of physical, mental and psychological changes that occurs within you. You are made to realize the competition you would face in your film industry known as the WORLD. The time you spend in college become an unforgettable part of your life. You also find some reliable warm-hearted and humorous friends who makes your life a really good life.

After the completion of training, the time for the shooting comes. Cameras would be already in focus to capture each and every action of yours. The one and the only difference in this comparison of life with a film comes here and the difference is that the retakes are missing in the former. You have to face appreciation and criticism, blessings and hates, success and failures, all in accordance with your acts. Your basics and the skills you were taught needs to come into play to ensure success. More the hard work and efforts you put and more the justice you do with your role, your position in industry would become more and more prominent. The success you achieve leads you to awards. So, it is exclusively up to you either you want an Academy Award or be satisfied with a consolation award.

At the last stage, when you would be retiring from this industry, the REFLAXIA of your whole journey, from the moment you opened your eyes to the post credit scenes of your film, would be there in front of your eyes. At that time you could either enjoy the film, if best efforts were put in by you or just watch it helplessly because there would be nothing you could do about it.

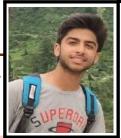
Opportunities are always there, not calling you on loudspeaker to grab them but present in form of some riddles that you can solve easily if the basics you learnt are strong enough. After all, it's your qualities, your talent and the values that you can carry with yourself every time even without a bag. Life is very uncertain, it couldn't be enjoyed always and also couldn't be passed in grief and sorrows. Each moment in life has its own level of social, cultural, psychological, physical and economic importance and they are required to be treated in the best suited manner. If done so, life would become very easy because what happens to you in life is very less as compared to how you react to it.

Finally, the film that was in process of production would be a wholesome entertainer, a blockbuster and your life successful in real sense if your efforts were put in right directions at right times, decisions taken positively and every moment paid the respect it deserves. There would be moments in life when target would seem to be lost somewhere and no path left to go, at that time have confidence on yourself, have courage, have faith in god and remember a saying by Lance Armstrong "Pain is temporary. It may last a minute, an hour, a day, or a year, but eventually it will subside and something else will take its place. If you quit, however, it lasts forever."



LOKINDER MECHANICAL 3RD YEAR

NIKHIL SHARMA MECHANICAL 3RD YEAR



पाक़ीज़ा

मोहब्बत में मेहबूब के चेहरे पर नूर नज़र आता है, हमे हर चेहरा पाकीज़ा लगता है, और किसी से मोहब्बत भी नही! अब हर किसी को दिल भी नहीं दे सकते और

हम इस कशमकश में आज तक तन्हा हैं, और मोहब्बत करने वालों को हमारा मुक्द्दर खुशनसीब लगता हैं!

पर अगर आशिक बदनसीब हैं तो यही सही, उम्र भर की तन्हाई हमे भी मंजूर नहीं !

हम इंतज़ार में उस हसीन चेहरे के, और उन्हें ये इंतजार पागलपन लगता है!

वो इश्क में मशुरूफ हैं, हम दीवानगी में, फर्क इतना हैं <mark>की</mark> उनका हासिल हैं, और हमारा कुछ भी नहीं!

Acres 9.1764

उन्हें मेहबूब के चेहरे पर नूर नज़र आता है, और हमें हर चेहरा पाकीज़ा लगता है!

तुझ बिन में...

तुझ विन मैं, तुझ विन मैं,

चेहरा बिन भावों के जैसे, इक राही बिन राहों के जैसे, भार बिन सूरज के जैसे, तुझ बिन... मैं हूँ वैसे...मैं हूँ वैसे...

इक फूल गिरा टहनी से जैसे, इक रात बिन चाँदनी के जैसे, इक प्यासा बिन पानी के जैसे, तुझ बिन... मैं हूँ वैसे...मैं हूँ वैसे...

हाथ बिन तकीरों के जैसे, 'आशियाने' फकीरों के जैसे, देह बिन इक रूह के जैसे, तुझ बिन... मैं हूँ वैसे...मैं हूँ वैसे...

उठता है एक अजब सा दर्द सीने में तुझे खो देने के ख्याल से, जी चाहता है के थम जाए, जहाँन ये ऐसे, के फ़िर कभी ना चले, क्योंकि तुझ बिन मैं... 'शून्य' जैसे, 'शून्य' जैसे,'शून्य' जैसे,

तुझ विन मैं... तुझ विन मैं...



MADHAV KAUSHAL ALUMINI CUM EX-EDITOR

The God Delusion

"God helps those who help themselves", since childhood I have found this proverb rather deceptive. And with the end of my teenage, my belief in god, which shaped much of my teenage and time before, was also gone or refuted if you will!

The title of this article is inspired from the famous book, "The God delusion" by Richard Dawkins. Richard Dawkins is a prominent agnostic, as he likes to call himself, and despite being a pretty successful Evolutionary Biologist, he is kind of a celebrity amongst atheists.

The battle against religion I would say must have started soon after the reign of this rampant concept, which bonds to human intellect by sophisticated & complex harmony of animalistic fear, human wonderings, need of social control and pseudo-sciences like astrology. But I also believe this battle is inconclusive. But I'll give you this though that the concept of religion was one of the absolute essentials required for the dawn of man kind. Without this social binder, that is the fear of unknown, which eventually became personified as god, I think humans would have evolved in a much different manner, well socially at least. But I think religion has outlived its importance today and now we are tolerating the flip side of it.

Stories I heard growing up in my history classes about various scientists & philosophers who were persecuted by religion, esp. by the so called "The Church", made a special place in my sub-conscious mind & these stories were virtually dormant till my teenage and now somehow I relate my self to their kind. No wonder majority of elite scientists are, and were, atheists or agnostics.

Some say it's too holy to discuss, some say it's a taboo & some may say it's pointless to discuss the "existence of god", but I say the least we could do is discuss, considering the time, resources, money and the hopes which are tied with the concept!

Many people came, preached god throughout their lives & died, so I ask why? Some might argue that the whole debate is rather trivial, but to them I would like to say that the episodes like ISIS, Al-Qaeda, Taliban, 9/11, 26/11, aggression against theory of evolution & vaccination esp. in Bible belt of US and numerous others like recent attacks in Paris are the brutal reminders that they are wrong. This issue of god isn't a trivial issue but an important one and its sheer rampancy is way worse than any thing else, the closest thing perhaps to a zombie apocalypse in real world, I would say, is a religion apocalypse. Poke the wrong theist and you'd be lynched, I speak from experience!

And the people who ask, "Where is the proof that there is no God?" either they don't understand science, evolution in particular, or they don't understand dogma of religion esp. creationism, if you are intrigued do Google these!

In my trajectory as an atheist, I often found myself standing against my friends, family, esp. my mother. I

am all alone in way & all riled up. When I leave the intelligentsia, that is my mind, I realise that people actually know, or ponder, about God much less than they think they do, or they ought to do. Most of people, I think, believe the difficult to explain, i.e., uncanny jitters, I mean the feelings that people often deem supernatural or more politely spiritual, is a constant reminder of the presence

In my trajectory as an atheist, I often found myself standing against my friends, family, esp. my mother. I am all alone in way & all riled up. When I leave the intelligentsia, that is my mind, I realise that people actually know, or ponder, about God much less than they think they do, or they ought to do. Most of people, I think, believe the difficult to explain, i.e., uncanny jitters, I mean the feelings that people often deem supernatural or more politely spiritual, is a constant reminder of the presence of god, god it seems communicate in this mysterious way. This is the point I want to make, if you look at the whole concept of god, which is obviously framed by humans, you will notice what is known as "Anthropic Principle". That is true for almost any religion in one way or the other. The Gods we can describe are as simple as us as well. We can't conceive a god who can create a universe this random, this grand and this complex.

I won't bicker any more, but I will tell you once you let go of this crutch i.e. this religion, you will see this world with, what would be an, unprecedented outlook. It would be like watching life with much better filter if you will! The same world, which earlier seemed so simple to you, will appear too complex to you. You will get to see the real beauty of this world, real suffering as well. You'll become more practical and the feeling that there is no one watching your back from the sky above you indeed, could be sobering moment for some and also could be nightmarish for others.

Letting go of this imaginary friend called god, believe me, is no easy task and honestly I am still not 100% done with this "God-Ectomy". I still have to tame my instincts.

In the end I would like to say this article isn't a propaganda article from an atheist, this article is a message from a human to the others in which I am urging others to open their eyes & mind and let go of this dogma & start questioning everything. And may be you'll end up like me perplexed, happy, cautious, rational, condescending and yeah, if I am honest, on the top of all weird!



PUNAM KUMARI TEXTILE 1ST YEAR

The joy of living in the lap of nature

Recently, I spent second Saturday with my college friends & ...

In the depth of winter I finally

Learnt that...

There lied in me

An invincible summer...

I had gone to Prashar temple. It was second Saturday of winter morning through a biting wind and driving snow. I think it was second snowfall of February 2016 in Mandi. It was a unique experience for me. I saw snowfall for the first time in Prashar. It was looking like a cotton rainfall. All friends loved this cotton rain falling and really enjoyed!

The snowfall was continuous for the next one hour. We walked five kilometers and then finally reached Prashar temple. It was a wonderful place. The white snow all around was sparkling and in middle, there was beautiful Prashar Lake with a small island. Many people had come there. We all went to temple and the priest gave us "Prasad". After that we sat together and started enjoying our lunch. It was like living in the lap of nature. The pleasant breeze was coming from the hill where tall trees were their all around.

The life here seemed to go at a leisurely pace; but the road was full of adventures. In the evening, we came back safely and happily. I will never forget this trip. There was no trace of any hurry or worry on any face. There was joy everywhere and I drank all of it to my heart's content. These beautiful sites of nature gave me joy not only during the day of my stay there but also gave a store of joy for future. Now I can withdraw good memories whenever I am alone and thinking of those pleasing sights!



SUNIL SAINI TEXTILE FINAL YEAR

तुम राष्ट्र-गान हो

जब मैंने तुम्हारे बारे में लिखना शुरू किया तो बहुत सारे तार्किक व्यावधान सामने आने लगे। तुम्हें चाहे जो भी समझा जाए, पर मेरे लिए तुम एक मार्गदर्शक बन गए हो। चलो बताता हूँ तुम्हें कैसेः (राष्ट्र—गान का शाब्दिक अर्थ)

चिरकाल से सहमें हुओं में तुम ताकत भर रहे हो। इस जमीं के हर टुकड़े को अपनी रग समझकर सींच रहे हो। हर नुक्कड़, गांव, जिले, राज्य, हर सरहद पर जहाँ दुख बैठा है, वहाँ उम्मीद उगा रहे हो। हर जलती आग के, बहते आव के, पेड़ों की लहलाहट के, पहाड़ों के शिखरों से लेकर अथाह समंदर की गहराई तक के तुम प्राण बन गए हो। ज़रा देखों तुम्हारा शुभता से भरा नाम हर जगह पवित्रता का आशीर्वाद दे रहा है। तुम लोगों को सशक्ता और कुशलता प्रदान कर अद्भुत उन्नित के गीत गाना सीखा रहे हो। इसलिए हर उम्मीद तुमसे है, हर जीत तुमसे है।

तुम्हारी दयामयी आवाज़ हर हिंसक सोच में लगातार हाहाकार मचा रही है और हर इंसान से इंसानियत का प्रमाण मांग रही है। तुम्हारे कारण हर धर्म को मानने वाले की राह एक बनती है। जहाँ पूर्व—पश्चिम उत्तर—दक्षिण गले लगते हैं, ऐसी आनंदित कर देने वाली जगह के तुम सिकंदर हो। तुम प्यार के हार से हर 'मैं' का सिर झुकाकर सब बंधन स्तर खत्म करते हो। इसलिए हर उम्मीद तुमसे है, हर जीत तुमसे है।

हमारे जीने की कला में कुछ निराशा है, उतार—चढ़ाव हैं, पर फिर भी तुम वर्षों से हमारे विश्वास को अडिग रखे हुए हो। जब मेरा रथ अग्निपथ पर दौड़ता है, तब तुम केशव की तरह आते हो और इतनी गूंज के साथ रथ को भगाते हो कि सब अशांत मन आत्मविभोर हो उठते हैं। जब—जब मँझधार में डालकर भ्रमित करने वाला बदलाव आया तुमने उसके खिलाफ शंखनाद कर दिया। तुमने हमेशा गरीबी और आतंक के उस दर्दनाक मंजर के खिलाफ आवाज़ उठाने के लिए प्रेरित किया है जो "वसुधैव—कुटुम्बकम" को खाली करना चाहता है। इसलिए हर उम्मीद तुमसे है, हर जीत तुमसे है।

जब चैन छीनने वाली रातों ने हमारे वजूद (देश) को हताश कर दिया तब तुम्हारी ममता भरी नजर सब देख रही थी। तब तुमने सबको अपनी गोद मे उठा लिया, सहलाया और प्यार से गले लगाकर बुरे ख्यालों को भगा दिया। तुमने कुर्बानी, हरियाली, शांति (तिरंगा) के गौरव, लिए अपना सबकुछ समर्पित कर दिया। हर उम्मीद तुमसे है, हर जीत तुमसे है।

तुमने अपनी मेहनत से अंधेरी रातों को खत्म कर दिया और नए दिन की लालिमा को हिमालय (भारत) पर बिखेर दिया। एक ऐसी धरती बना दी जहाँ पंछी गा रहे हैं, हवा मिठास बहा रही है। नया जीवन (बेटा—बेटी) खिलखिला रहा है। तुम्हारी करुणमयी आभा सब सोए हुओं को जगा रही है। ऐसा चमत्कार हर रोज हो रहा है। जब हर दिशा मुस्कुरा उठेगी और कहेगी तुम महान हो, मेरे "राष्ट्र—गान" हो तब तुम्हारे चरणों में हमारा नमन होगा। तुम सबकी उम्मीद बनो, सबकी जीत बनो, ओ "सच्चे—बादशाह" तुम अमर रहो।

<mark>इतना ध्यान रहे मेरी इस आवाज़ के "तुम" कोई वीर हो, को</mark>ई पाक पुराण या आम <mark>इंसान हो, कोई गुर्राहट या उम्मीद चढ़ी कमान हो।</mark> "तुम" वो हो जो मेरी आवाज़ को पढ़ रहा है, तुम ही वो शान हो, तुम ही तो हमारे "राष्ट्र—गान" हो।

"जय हिन्द"



PRAGATI SHARMA
TEXTILE 3RD YEAR

माँ

माँ ममता की छाया है

माँ से ऊपर कोई नहीं

इस से ऊपर कोई आया नहीं

माँ बिन कोई भाया नहीं

माँ तोहफा है भगवान का

माँ से कुछ छिप पाया नहीं

झूट भी बोले तो

झट से पकड़ लेती है वो

रोती खामोशी समझ लेती है वो
क्योंकि माँ होती है वो
अगर हमे कुछ हो जाता है
सबसे पहले उसे पता चल जाता है
दिन को बेचैन हो जाती
रात को वो ना सो पाती
क्यूंकि माँ होती है ऐसी
ममता और प्यार भरी....





SHARAB KHINGOPA
TEXTILE 2ND YEAR

चिनाब नदी की कथा

'चिनाब' नदी जनजातीय इलाके 'लाहौल–स्पीति' में बहती है। चिनाब नदी 'चन्द्रा' और 'भागा' नामक दो नदियों के संगम से बहती है। माना जाता है कि चन्द्रा और भागा प्रेमी जोड़े थे। चन्द्रा चाँद की पुत्री और भागा सूर्य का पुत्र था। जब इन दोनों का प्रेम प्रसंग देवलोक में पता चला तब चाँद को ये गवारा नहीं था। उसे लगता था की सूर्य का पुत्र मेरी बेटी को जला देगा। अतरू ये दोनों देवलोक त्याग कर 'बारालाचा' नामक स्थान पर पहुंचे। दोनों खेल-खेल में व्यस्त थे। तभी वहाँ से एक ऋषि गुजरा जो बहुत प्यासा था। उसने चन्द्रा और भागा से पानी मांगा। परन्तु वे दोनों खेल-खेल में इतने व्यस्त थे की उन्होने ऋषि की तरफ ध्यान भी नहीं दिया। क्रोध में आकर ऋषि ने उन्हे शाप दिया और कहा "तुम दोनों पानी बनकर अलग-अलग दिशाओं में बह जाओ"। चाँद की बेटी 'चन्द्रा नदी' के रूप में बही और सूर्य का पुत्र 'भागा नदी' के रूप में बहा। दोनों का पुनरू संगम 'तांदी' नामक जगह पर हुआ। और ये दोनों मिलकर चिनाब नदी के नाम से कश्मीर की तरफ बहने लगे।



ALISHA SHARMA ECE 3RD YEAR

"The one who IGNITED MINDS"

Where there is righteousness in the heart, there is beauty in the character. When there is beauty in the character, there is harmony in the home. When there is harmony in the home, there is order in the nation. When there is order in the nation, there is peace in the world.

-Dr. A. P. J. Abdul Kalam We have known him as the honorable president of our country, the Missile Man of India, our favorite speaker, an inspiration, the pride of our nation; Dr. A.P.J. Abdul Kalam was an epitome of great actions. He made our nation proud by making it self-sufficient in missile and space technology. He not only contributed in the field of science and technology but also played a major role in encouraging the youth to bring out the best in them. He died on 27th July, 2015. Till his last breath he served his nation selflessly. Such souls never die, they always transcendent because...

Words fail, when you lose someone, Someone who was not merely someone,

He was and is an ideal for millions; He carried a phantasmagorical aura, Gave inspiration to everyone all over; He led a simple life, Positively, always, he strived; His childhood was beautifully forged, By the people whom he loved the most; He grew up to be a noble man, Full of passion and a lot of "Yes, we CAN" His youth was virtuously forged, By the people he admired the most; He faced many failures, In the course of making India more glorious; He stood up each time, To defeat the failure and put it in quarantine; Rohini shone in the sky Because ofhis daring try; His vision was vivid, He carried inside an indomitable spirit; Prithvi & Agni were always a part, With Vision 2020 in his cart; He was more than just a speaker, o millions of the students listening him like a seeke I feel sad, yes I do, Because his words & actions touched my heart too; There was a string attached There is a string attached. Words fail, when you lose someone, Someone who was not merely someone...



KANISHAK VAIDYA ECE 3RD YEAR

तारे भी मरते हैं

हर वो चीज जिसका कभी प्रारंभ हो उसका अंत भी जरूर होता है" दृ यह सृष्टि का एक अटल सत्य है। ब्रह्माण्ड के सबसे प्रमुख पिंड (bodies), सितारे, भी इस नियम से अछूते नहीं हैं। अपने जीवन काल में अपने गुरुत्व बल (gravitational force) से उपजे प्रचंड दाब और ताप से वे हाइड्रोजेन के विलयन (fusion) से हीलीयिम, हीलीयिम से कार्बन, कार्बन से नीयान, नीयान से ऑक्सिजन उसके बाद सिलिकन ओर अंत मे लोहा बनाते हैं।

इस नाभिक क्रिया (nuclear reaction) से उत्पन्न उर्जा तारे को उसके गुरुत्व बल के विरुद्ध धकेलती है ओर तारे को अपने में ही ढह जाने से रोकती है। परंतु जब सितारे का नाभिक ईंधन (Nuclear Fuel) समाप्त हो जाता है, तब उस सितारे के गुरुत्व से उसका अधः पतन (collapse) हो जाता है। इस प्रकार (हमारे दृष्टिकोण से) एक सितारे की मृत्यु हो जाती है।

चंद्रशेखर सीमा: या Chandrasekhar limit भारतीय वैज्ञानिक सुब्रमण्यम चंद्रशेखर द्वारा दी एक तारे के द्रव्यमान (mass) की वह सीमा है जिस पर वह एक स्थिर वामन तारा (dwarf star) बना रह सकता है। उपरलिखित नाभिक क्रिया

(nuclear reaction) किस स्तर पर रुकेगी इसका निर्धारण तारे का आरंभिक द्रव्यमान ही करता है। आरंभिक द्रव्यमान के आधार पर तारे को तीन श्रेणियों मे बांटा जा सकता है अतः किसी सितारे की मृत्यु भी तीन प्रकार से हो सकती है।

1. वामन तारे (white dwarfs) :-

सितारे जिनका द्रव्यमान सूर्य के द्रव्यमान से केवल आठ गुना तक ज्यादा होता है अपनी हाइड्रोजन खत्म हो जाने पर इतना ताप ओर दाब नहीं बना सकते की नाभिक क्रिया को कार्बन के स्तर से आगे ले जाएँ। जब तारे का हीलियम ईंधन समाप्त हो जाता है तब सितारे का गर्भ (core) अपने ही दाब से सिकुड़ता हुआ एक वामन तारा बन जाता है जिस प्रक्रिया से काफी ज्यादा



उर्जा उत्सर्जित हो सकती है और तारे की बाहरी सतह काफी ज्यादा गित से धकेली जाती है। यह सतह महाआकाश में कई प्रकाश वर्ष तक फैल जाती है एवं एक निहारिका (nebulae) बन जाती है। एक वामन तारे का भार सूर्य से 0.17 से 1.33 गुना तक अधिक हो सकता है जबिक उसका आकर केवल पृथ्वी के तुल्य (comparable) होता है। बहुत अधिक गुरुत्वीय दाब (gravitational pressure) की वजह से इन तारों का घनत्व (density) काफी ज्यादा होता है। वामन तारे के एक माचिस के डब्बे के आकर का टुकड़ा 250 टन तक वजनी हो सकता है। वामन तारे अपने अंदर संचित ताप उर्जा (thermal energy) को काफी लम्बे समय तक विकिरणित (radiate) कर सकते है। यह समय ब्रह्माण्ड की मौजूदा उम्र से भी ज्यादा होता है। अतः सबसे पुराने वामन तारों का सतही तापमान अभी भी कुछ 1000K तक का है। जबिक इनके जन्म के समय यह तापमान कुछ लाख केलविन तक हो सकता है।

- *बहुत अधिक ताप और दाब की वजह से वामन तारे हीरे में बदल गए होते है।
- *पृथ्वी का सबसे नजदीकी वामन तारा लुब्धक (Sirius) का सहयोगी तारा SiriusB है और 8.6 प्रकाश वर्ष की दूरी पर है।वामन तारे की अनुमानित उम्र 1032 वर्ष होती है जबकि ब्राह्माण्ड की मौजूदा उम्र 13.7×10° वर्ष ही है।
- *आकाशगंगा के 97% सितारे वामन तारे के रूप मे अपना जीवन समाप्त करेंगे।

2.नाभिक तारे / neutron star :- हममें से अधिकतर रदर्फर्ड (Rutherford) के आल्फा कण छितरण (a particle scattering) प्रयोग से अवगत होंगे। इससे हमें परमाणु (atom) के और उसके नाभिक (nucleus) के आकर के अनुपात (ratio) का पता चलता है। नाभिक में परमाणु के कुल भार का 99.95% होता है। जबकि उसका आकार परमाणु के आकर का 10000वाँ भाग ही होता है। हम कल्पना कर सकते हैं की यदि ब्राह्माण्ड केवल नाभिक कणों से ही बना होता तो ब्रह्माण्ड का घनत्व कितना अधिक होता। परंतु दो नाभिक कण विद्युतचुम्बकीय विकर्षण (electromagnetic repulsion) के कारण सामान्य परिस्थितियों में इतने निकट नहीं आ सकते की शक्तिशाली नाभिक बल (strong nuclear forces) उन्हें साथ जोड़े रख सकें। यह अवस्था या तो सितारों के गर्भ में अत्युच्च ताप एवं दाब से संभव है अथवा नाभिक तारों (neutron stars) में यह संभव है। सूर्य से 8 से 10 गुना तक भारी सितारे हाइड्रोजन ईंधन स्माप्त हो जाने पर विलयन प्रक्रिया (fusion reaction) को लोहे के स्तर तक ले जाते है और एक सुपरनोवा विस्फोट से अपनी परपट्टी (बतनेज) को दूर फेंक देते हैं। सितारे का गर्भ (core) अप्रत्याशित रूप से सिक्डता हुआ 12-13 km व्यास (diameter) का रह जाता है जबकि उसका द्रव्यमान सूर्य के कुल द्रव्यमान से 1.4 से 3 गुना तक अधिक होता है। नाभिक तारे का घनत्व 1017 से 1018 किलोग्राम प्रति घन मीटर तक हो सकता है यथा इसके एक घन सेंटीमीटर टुकडे का द्रव्यमान माउंट एवरेस्ट के द्रव्यमान के तुल्य होता है। अपने निर्माण पर नाभिक तारे का गर्भ (बवतम) काफी तेजी से सिक्डता है जिस वजह से कोणीय संवेग के रक्षण के नियम (law of conservation of angular momentum) की वजह से वे अपने अक्ष पर काफी तेजी से घुर्णन करने लगते हैं और काफी भारी मात्रा में विद्युतचुंबकीय धाराएं (electromagnetic waves) उत्सर्जित करते हैं। इसे पल्सर (pulsar) कहते हैं। यह घुर्णन 43000 चक्रण प्रति मिनट (rpm) तक हो सकता है।

- *PSRJ1748-2446ad नामक नाभिक तारा (neutron star) 25,20,00,000 किमी प्रति घंटे (जो की प्रकाश की गति का 23% है) की रफ्तार से घुर्णन करता है।
- *यदि नाभिक तारे पर एक मीटर की दूरी से कोई वस्तु फेंकी जाए तो वह वस्तु एक माईकसेकंड में तारे से टकरा जाएगी। इस समय में वह वस्तु 7.2×10⁶ किमी प्रति घंटे तक त्वर्णित (accelerate) हो जाएगी।
- 3. काल छिद्र / Black Hole: सूर्य से 10 गुना से अधिक वजनी तारे अपने गुरुत्व से इस हद तक संपीडित (compress) हो सकते है की उनके नजदीक गुरुत्वाकर्षण बल इतना शक्तिशाली हो जाए की प्रकाश भी उस पिंड से पलायन ना कर पाता। पलायन वेग (escape velocity) वह न्यूनतम गित है जो एक वस्तु में होनी चाहिए तािक वह वस्तु रुकने से पहले किसी गुरुत्वाकर्षण स्रोत से बचकर निकल जाये। पृथ्वी पर पलायन वेग 11.2 किमी/सेकंड है। एक ब्लैक होल को अक्सर एक ऐसी वस्तु रूप में पिरेभाषित किया जाता है जिसका पलायन वेग (escape velocity) प्रकाश की गित से अधिक हो। सिद्धांततः हर एक वस्तु एक काल छिद्र बन सकती है यदि उस वस्तु को उसके स्व्वार्जस्चिल्ड त्रिज्या (Schwarzschild radius) तक संपीडित (compress) किया जाए। पृथ्वी के लिए यह त्रिज्या एक मटर के दाने जितनी ही होती है। काल छिद्र का घनत्व 1030 किलोग्राम प्रति घन मीटर से अधिक होता है। अपने गुरुत्वाकर्षण के प्रभाव से यह पिंड दिक काल (space time) को इस प्रकार मोड़ देते हैं की इसके सतह पर समय की गित किसी बाहर बैठे प्रेक्षक (observer) के लिए शून्य होती है।
- *काल छिद्र अधिकतर मन्दिकनियों (galaxies) के केंद्र में पाए जाते हैं।
- *काल छिद्र सूर्य से अरबों गुना तक भारी हो सकते हैं। फिनिक्स तारासमूह (Phoenix cluster) के मध्य स्थित black hole का भार सूर्य से बीस अरब गुना ज्यादा है और उसकी सीमा (event horizon) सौर मण्डल से 18 गुना अधिक है।
- * काल छिद्र की सीमा (event horizon) को कोई वस्तु नहीं छू सकती क्योंकि काल छिद्र के निकट काल गतिमान नहीं होता। 'एक सिद्धाँत के अनुसार black holes की उम्र सिर्फ कुछ पलों की ही होती है परंतु बाहर बैठे प्रेक्षक के लिए यह समय कई खरबों वर्षों का हो सकता है।
- * काल छिद्र Hawkins Radiation नामक प्रक्रिया से अपना द्रव्यमान खोते रहते हैं जिससे कालांतर में वे भी वाष्पीकृत (evaporate) हो जाते हैं।

COLLEGE TRIPS



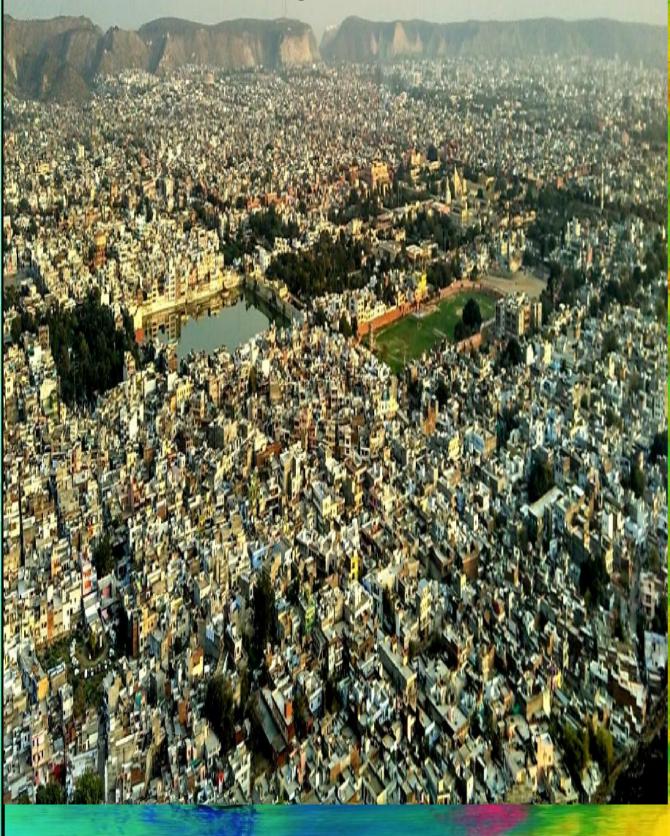
COLLEGE TRIPS



CAMPESTRJBUS

Although mountains may guide migration, the plains are the regions where people dwell in greatest number.

- Ellsworth Huntington







MEGHA SHARMA TEXTILE FINAL YEAR

QUALITY EDUCATION

The right to education is not only the right to access education but also the right to receive good quality education. Education must not only be available and accessible but also acceptable and adaptable.

"Quality is at the heart of education". It influences what students learn, how they learn and what benefits they draw from their education. Quality education is a dynamic concept. It evolves with time and is subjected to social, economic and environmental conditions. However, International Human Rights Law provides a general legal framework that guarantees quality education.



To engage in meaningful conversation, we must first recognize what we mean when referring to quality. It is common for people to speak at cross-purposes on this subject when they are using different frameworks for defining quality. However, what people propose to measure in higher education is grounded in their definition of quality, so there are widely divergent views about measurement and how organizations propose to conduct measurement activities can create many difficulties. It is not hard to measure the enduring age of an institution. Is it possible to establish a uniform set of quality measures that will work throughout the entire higher education community? At one level, the answer is probably yes and at another level, the answer is probably no. At the degree program level, it is possible to establish quality measures for use in any higher education setting and that is exactly what specialized accreditation is all about.

Teachers are at the heart of quality education. Schools should have a sufficient number of trained teachers, receiving good quality pre-service and in-service training with built-in components on gender sensitivity, non-discrimination, and human rights. All teachers should be paid domestically competitive salaries.

Education leads to more competitive jobs and global success. Education will take us to a future where more opportunities will be offered and society will have a better way of functioning. We have to be willing to make a change. A way to get a quality education is by creating many more top notch schools where people can actually have access to them.

The problems in today's society with the education system are endless. So many students are deprived of the quality of the education they deserve today. Many elementary and high schools are improving but they deserve more attention with more supplies, smaller classrooms need more highly qualified teachers. Schools today are in a great need of change. Students deserve to have the education needed to prepare them for their future because they are the future of India.

So quality education should be the priority.



ANAMIKA THAKUR
TEXTILE FINAL YEAR.

Examination Ista

The sun has started showing up more often now. The chill in the air is fading slowly and steadily. As the long winter slowly reclines itself to let you spread your arms wide to the breeze, there's something that's hell-bent on keeping you indoors. YES, the examination season is here, and the most severe victims are students, of course. So, what about a trip back in time for those who have-been-there, done-that, and something of a YES-SO-TRUE for those in process.

To a student, exam time always is something special. To the "super-intelligent" ones, it was a time for rewards, while for the complete opposites, *hell-hath-no-fury* like a book enraged which had not been touched since the last semester.

But exam time in school isn't as much fun as in college. At that level..., date sheet literally meant DEATH SHEET. Those who wouldn't see the face of the college for other things come rushing to it, or call up their friends to check the authenticity of the news. The quirky teacher whose lecture you have been bunking the whole semester, now smiles at you while you pass by her in the corridors.

The super-studious friend will go on giving you jitters by continuously telling you everything about how his 3rd round of revisions go, for which, by the way, he was awake the whole night, while you were awake watching the latest season of your favorite T.V. show. Then, there are the secretive ones, who claim that they know nothing till the week before the exams, and by some miracle of the heavens, the whole syllabus is imprinted on their brains in just a day.

Everyone has a friend who literally cries at the end of every test, that his paper was horrible. That he doesn't hope to secure even the passing marks. Yet, when the result comes out, he miraculously becomes the topper. MIND IT, if you don't have that friend, maybe you are that one friend. There's also the supervising teacher, who'll keep warning you about the external invigilator/examiner and the flying squad throughout, so that you don't get turn your head even by a degree.

The cheating goes on in bits, the hilarious moments being, when you were just about to look into the answer sheet of your classmate/benefactor and the invigilator comes and stands behind you. And then, you pretend stare with utmost concentration at your answer sheet, or in some cases, at the wall (this always happens to me).

There is that person in the exam hall, who appears utterly lost and keeps looking here and there all through the exam hall looking for a clue. There is also the irritating classmate sitting behind you who keeps nagging you every time the teacher looks away. Then, there is class geek sitting next to you writing endlessly throughout the exam.

But like everything else the three hours of examination also pass, and out of classes rush the lives that were constrained for three hours by the answer sheets and ink.

There are sad faces, lively faces, expectant faces, and gloomy ones too. For those who have passed this stage and basked in the bliss of student life, exams are the times they once feared and yet long for now. And for those who are on their way to it or through it, never miss the bliss, in everything and of anything.



ISHAN DHIMAN MECH 3RD YEAR

10 Mind-blowing Facts about Weapon Systems

- 1. The M134D Minigun fires a 7.62×51mm and is a six-barrel machine gun and it has an astounding rate of fire from 3000 TO 6000 ROUNDS PER MINUTE. The terrorists call this GATLING GUN as "the rain of steel".
- 2. Most of the AK47's you see on YouTube are NOT REALLY AK47's because from the time World War 2 ended, about 10000 VARIANTS of AK47's have been made.
- 3. When a bullet hits flesh, the laceration creates a cavity. This cavity closes behind the bullet but it causes damage to surrounding tissue, organs and bones, which can splinter, thus causing further damage as the BONE FRAGMENTS BECOME SECONDARY PROJECTILES. To make things worse, the cavity created exerts pressure on organs and the ORGANS BURST LIKE BALLOONS FILLED WITH WATER. Bullets, now-a-days are designed to SPLIT INTO 8+ splinters to reduce the chances of survival of the target.
- 4. 50 Cal (12.7×99mm NATO) round is a round used in Barrett M107 that has an amazing RANGE OF 2 KILOMETERS. It has an awesome armor piercing capability. 2-3 rounds on the hood of any car is enough to shut the engine down. It TRAVELS AT MIN. 853 m/s so, if someone has got you in his crosshairs you will hear the 'BANG' 2-3 seconds AFTER you get hit. But it won't matter much because you would be DEAD already.
- 5. The M200 Cheytac Intervention by Cheytac LLC fires .408 or .375 Cheytac Rounds. The .408 round is an alloy of nickel and copper which is capable of keeping high Kinetic Energy at long distances and allows you to SHOOT UPTO 2500 YARDS AND BEYOND!. The bullet TRAVELS AT MIN. 914 m/s which is more than a 50 Cal sniper rifle.
- 6. Why AK47 is the bad guy's favorite weapon system??? Well because you can torture it to pretty high limits. Bury it in sand, drench it in water, IT WILL SHOOT. Because compared to other rifles like the M16, it has lots of space to accumulate lots of dust and you can FIELD STRIP IT IN MIN. 35 SECONDS of time and it FIRES MORE POWERFUL ROUND in comparison to the M16.
- 7. The Javelin Missile costs a min. 80,000\$ and is manufactured by Lockheed Martin FGM-148/ Raytheon. It has an effective range of 2,500 meters and is a shoulder fired weapon. The missile has an 18.5 lb warhead made up of "High Explosive Anti Tank" (HEAT). It is an FAF (FIRE AND FORGET) type weapon system. It means that after you have fired your missile you can switch off your launcher and it will do its job on its own. It can shoot down any modern tank present in the world. So even if you are in a tank & someone fires this at you, you're done.
- 8. BrahMos missile is a Supersonic cruise missile developed jointly by India and Russia and it travels with a MIND BLOWING SPEED OF 2-3 MACH. Are you kidding me?? It's almost a Kilometer in a second. BrahMos Aerospace is also in the process of developing a HYPERSONIC CRUISE MISSILE which is estimated to travel at a speed of 5 Mach i.e. 2km/s which according to me is pretty high to leave the readers astounded.
- 9. The "Tsar Bomba" is the MOST POWERFUL NUCLEAR WEAPON EVER DETONATED IN THE WORLD. It was developed by the Soviet Union. The bomb had power of 50 MEGATONS OF TNT. The bomb was detonated 4kms from the ground. To give you an estimation of the power of this monster, it had the energy equivalent to 3,800 TIMES OF THE BOMB DROPPED ON HIROSHIMA. The rocks beneath the testing ground had been TURNED TO ASHES and the shock wave was powerful enough to be measured during its 3RD PASSAGE AROUND THE WORLD.
- 10. In normal household gas cylinders, the gas pressure is from 15 to 20 bars. The AK47 round (7.62×39mm) develops a pressure of AROUND 416.3 bars. That's why weapon systems give the shooter a pretty good kick.

SUMIT THAKUR
TEXTILE 1ST YEAR

MY SWEET LIFE

At the age of1

with my family, I had lots of fun

At the age of 2

all the things for me were new

At the age of 3

my ma'am taught me A,B,C

At the age of 4

my Sir taught me more

At the age of 5

with my friends I enjoyed my life

At the age of 6

my first tooth broke

At the age of 7.

I understood difference between subjects

At the age of 8

I started playing footbal

At the age of 9

I went for (I.M.C) and felt like heaver

At the age of 10,

my friends started calling me by nick name

'SMARTY

At the age of 11

I started making my hairstyles

At the age of 12

History and computer subjects made me bored

At the age of 13

started riding my Bike

At the age of 14

I paid attention towards my studies

At the age of 15

I became a student of SCIENCE

At the age of 16

I Proposed a Girl for the first time

At the age of 17

became a student of J.N.G.E.C and wrote my

poem's first line

! hope all like it as it just seems fine



RITESH RAJ ECE 1ST YEAR

MORAL FIBRE: A HABITUAL THINKING

The mind of a common human being is generally used to react effectively only in such a situation which they had come across. "The visualized situation" refers to full-fledged faith in action, efforts and vision. So any strange task on situation is likely to be assured as a problem. This is human psychology. Our mind also possesses a property of inertia and tries to avoid every strange situation that reveals the escaping nature of any individual rather than confronting it. Even if any person decides to execute a different task, still they hold a fear to initiate. We are concerned about the public opinion. But here it must be included that "Kuch nahi kar k Pachhtane se kaafi jyada acha hai, kuch kar k pachhtana". The result must not be a positive outcome but it will definitely comprise of experience which is very hard to gain. A very famous quote says, "Do take risks in your life, if you win, you can lead. If you lose you can at least guide." Man is an idol of mistakes so we can't expect anyone to strictly stop it but further reduce it gradually. A mistake is only bad unless it is corrected or unexploited. But still, we hardly accept our mistakes, we are in search of excuses which could be assigned the responsibility of the error and withdraw ourselves from condemn. A regular self-introspection is necessary for everyone to know their capabilities, their drawbacks, to know where they stand in crowd. Yet we escape from the truth and often try to postpone such kind of situation. A student fears to give an aptitude test even if it is for his fate. We have a hypocritical behavior towards majority of things. We preach and execute a single task differently. That is termed as, "Man who cannot withstand his words". E.g we all write against child labor but has anyone of us acted against for a boy working in a hotel or Dhaba where we visit regularly. The best example for us can be considered about the traffic rules and regulations which is least followed by teenagers. It all has become a part of our moral fiber and we are comfortable with it. We also prove ourselves effortless or weaker by using a suffixative statement that "I am just a human being, rest is according to almighty". This shows that the person is exhausted and cannot work further with continued hope. We human beings have a very bad habit of backstab criticizing i.e doing it in absence of accused. In a survey, it was found that a common man spends 25% of his total time criticizing everything, be it people, goods, institution, organization, government etc. overall the result is zero and whole criticism and time can be just considered as a vain. Doing it in presence of accused probably might lead to a positive outcome but in absence it is nothing other than vain. It was a thought of Shakespeare that "If someone lies to you, it's your fault that you could not make him believe faithful and loyal to you". We all know that change is the rule of nature. So change and adaptation are both work element of a general individual and always act together. So it's better to respond rather to request. Most of us are always in search of ideal condition for a work which hardly arrives in actual. But effective individuals consider every condition as ideal to them. Favorable and non-favorable conditions occur for those who hold a mis-belief on their efforts. Case studies conclude that in adverse and atrocious situation a person is able to realize himself. In a developing stage there is maximum probability and opportunity to learn. So according to me, an unexpected and unpredictable life is better than a routine life. Every day with a new knowledge, enthusiasm and energy is worth living. Realizing a new terror and fear everyday would be interesting and better than sustaining a boring life, if tomorrow is different than yesterday, then it displays a growth in personality.

You cannot change things in a single day but the change starts with one person and propagates later on. Mahatma Gandhi had exclaimed "If you have a desire to see modification in society then first of all realize it in yourself".



PREEKSHIT DHIMAN
TEXTILE 4th YEAR

HOW MUCH SLEEP DOES A COLLEGE STUDENT NEEDS?

Most of college students suffer with the problem of sleepiness. Reasons behind this are different but results are almost same. This problem is mostly found in boys as girls seems to be more punctual about their grades and lifestyle. But by living this way, you can miss out on the better things that are going to happen in the college. So what to do? Why don't you sleep less? Doing so must not work for everyone. Some college students think that they are more productive at night. They also feel that they'll get everything done when they stay up later and don't sleep much. But if you're not falling asleep around the same time each night, it'll mess with your daily routine. "Try to establish a consistent sleep cycle," said Alasdair Henry, a PhD student at the University of Manchester. "Avoid using things like your cell phone and laptop in bed as these will only distract you from sleep." Routines are important if you want to stay organized, and keeping a regular sleep schedule will help with that.

Of course, keeping a consistent sleep schedule is a challenge. But getting too much sleep can cause the same problems.

The power nap is the college student's little piece of heaven that helps them tear through the day. "Power naps have been shown to benefit functioning," Henry said. "Naps that last less than 30 minutes, even six to ten minutes, have been shown to reduce tiredness and improve performance and learning with lasting effects."

But make sure your naps stay short. Sleeping for 20 minutes only to actually wake up three hours later is a day breaker. It'll throw your sleeping schedule off-balance, and leave you more disoriented than a freshman walking into the wrong history class.

So what about caffeine? It's the key ingredient to many students' success; it'll give you the energy you need to finish that 10-page paper and those 100-page readings. Better yet, you can flavor your caffeinated beverages to your liking like coffee, tea, soft drinks and certain ice creams etc.

But caffeine can work against you. "If I drink too much coffee past 10 or 11 p.m.," said Ohio University junior Jenna Weingold, "I won't be able to fall asleep at my right time." Great, your internal alarm clock is off once again. Could it get any worse?

"Too much coffee leads to me having no appetite," said Ohio University junior Michaela Litton. "I may only eat one meal a day after two or more cups." So not only can you mess with your sleeping cycle, but also over-consumption of caffeine means it'll be tough for you to eat. And let's face it; we need the energy to survive our weekdays, especially the ones that feel like they last 26 hours.

So caffeine jitters your mind, and the long naps leave you groggy beyond belief. Nothing seems to keep you up past that 2 a.m. wall. The best course of action for when you really need to pull an all-nighter? Find an activity that'll keep you going. "If I'm super exhausted, then I'll get up and walk around every 15 to 20 minutes to keep myself awake," Weingold said.

"Sleep requirement can vary drastically from one person to another," Henry said. "When it comes down to it, just listen to your body." So if you only need six hours of sleep per night, go for it. Ten or more? Be my guest. Grab a blanket and nap at the library; drink a few cups of coffee; just figure out the best time for you to sleep and get the benefits.



NEELAM THAKUR
CIVIL 3RD YEAR

Life and Rules of Life

- Life is:
- Life is an unsolved question and final color of death.
- It is truly said; Life is a market, full of streets, Death is a merchant which everyone meets.
- If life is a thing which everyone buys, then poor would not live and rich would not die.
- Life is a teacher, yet it is different than a teacher. A teacher teaches lesson, then takes the exam, But life takes the exam first and then teaches the lesson.
- Rules of Life:
- Don't undermine your worth by comparing yourself with others. It is because we are different,
 each one of us is special.
- Don't set your goals by what other think is important, only you know what is best for you.
- Don't run behind time but make the time run behind you.
- Don't let your life slip through your fingers by living in the past or for the failure. By living your life in one day of a time, you live all the days of your life.
- Don't give up when you still have something to give. Nothing is really over, until the moment you stop trying.
- Don't be afraid to admit that you are less than perfect. It is this fragile thread that binds us together.
- Don't be afraid to learn, knowledge is weightless, a treasure you can always carry easily.
- Life will never be always sweet; without knowing defect, life will never blossom. It depends upon you whether to choose happiness or gloom.
- By Changing your thinking, You change your beliefs. When you change your beliefs, You change your expectations. When you change your expectations, You change your attitude. When you change your attitude, You change your behavior. When you change your behavior, You change your performance. When you change your performance. YOU CHANGE YOUR LIFE.



AMIT KUMAR
CIVIL FINAL YEAR

THE CONCEPT OF LINE

During school time I was just a nerd and of course had no knowledge of "extra ordinary words". I remember the time when I sat with my friends during free hours and they used some 'punch words' in their conversation. Well it may be offensive to tell you about those words (boy's secret words). Sometime I had really got confused during their conversation. But slowly and gradually I became familiar with those words because I knew this is also a part of study (study of life).

One day during my school time, I was with my classmates (all girls). We were just whiling away the time, then a girl asked me about my birth year I simply told her 1994. Then she grinned and said I am also of 94. Her next words completely baffled me, "kabhi kabhi hamen line maar lia karo". I couldn't reply, not because of shame but because I didn't know what was she trying to talk about and why she wanted me to hit her by a line. As per my knowledge line is a single dimension thing which has no breadth and depth just length. I blushed as I noticed other girls laughing.

Then I met my friends and asked them about the meaning of 'line marna'. They asked me, "where did you listen these words". I told them about the incident. They all laughed and suggested me that "tomorrow you will go to her and mark a long line on her forehead". I felt ashamed and left that place.

After sometime I met with a very nice guy. After deep friendship I told him about that incident and asked him, "What the hell was she talking about?".

He peacefully taught me the actual meaning in my way. He said it's the concept of love. In love your eye is a reference point and you look into a girl's eye in a single straight line. If she looks towards you and smiles then she is also interested in you but if she doesn't then stop your single dimension staring otherwise she can even slap you.

Then I got the idea behind this "line marna" and even tried on few but still waiting for that smile.



DIVASHU GULERIA MECH 3RD YEAR

A WALK TO REMEMBER (22-09-2015)

Hello pals! This is a page from my dairy... Dated: 22nd Sept 2015

This is my favorite entry in it...

A WALKTO REMEMBER-22nd Sept 2015

So... the day was as usual... I had last lab bunked... You know... for table tennis... then last night... I had told her that I would come to music room only if she would do...

I went there... at about 4:15pm.... I was somewhat late... same reason table tennis...

I went in there... at the hall... saw a huge crowd... You know... never seen so much people there...

I was looking around. .. And... I had a sight on her... wow... I mean I was like... wow... she is so cute...

She saw me... I just waved my hand to say hii... she too did... and you know... she came running... cutely... And we shook hands... ohh wow....!!! I was like beyond this world... I think... yeah I fell again ... crap... but still was a wonderful feeling....

That was such a hall full of crowd.. And even I was feeling somewhat awkward too there at the hall... so I went to the other room... to play that synth... naaaaa actually "Casio"... hehe...

She also came in there... I don't know what she was looking for. ...

I don't know... why I told her to ask me when she would leave... Um... For the company

Yeah I did... I mean.... freak... I did...

I think this is the first time I talked to her you know... like face to face... she said ok... she'd do it...

Then she went...to the music room again.... after sometime... I heard that song... "aadat... jal band"...

And I was like... I must see.... I came in there again...

Then I saw... she was with guitar...*she actually doesn't know how to even hold a guitar* and was playing like i don't know... what she was playing...at that moment I was like... Divashu... Seriously this is the girl you always wanted... crazy she was...

But.... at that moment.... she was vvvvvvvvv cute..... You know... how she held those strings... And the way she was strumming... hehe... It was the cutest part of her... I am literally falling in love.... omg... Is it happening again? ... I never thought it'd happen.....

Hehe... I'll never forget how she played that guitar... what to say seriously cute is still a smaller word... hehe...

Then she called me... that she is going... down... actually our call was like this...

She "Divashu sir... listening... sir sir..."

Me "haan bolo sir"

And at that moment I was like.... "Divashu... Seriously... You are stupid" Lol

Me" ohh sorry".... making a vvvv weird face like i don't know how much wrong I had done... Then she was at 3rd floor... I wasn't aware which side she was... I went that Wifi side first then i thought she had gone... I started to walk by... then I heard... "Divashu sir"... ohhh wow... she was there. .. She joined... And we walked down the road while talking about all that crap of music room... hehe...

I remember I was holding my tt bat... and was flipping it... over n over... nd boom!! I dropped it in front of her...hehe...

She: "sir jada hero ni bnte" don't remember her exact words but something like that... I was like... um...
face palm I felt embarrassed.

Then one more incident.... at the security gate of college... when we reached there the bar was closed... then... I pointed her to go through the side.... haha.. lol... what she did was funny, a kind of... she crossed it by passing under the bar... I remember she said like.... "sir jumping girl ka title to hai hi"... I was like ... "Seriously". lol...

Then she reached her pg... I remember. I asked... where is your room... she" pg hai sir pehli baat, room ni hai" hehe

Me "haan toh room toh hoga hi pg mein..."What a stupid conversation we had....lol

Yeah I was telling she reached pg... We said bye... shaked hands again...

Imust say "A WALK TO REMENBER" for me...



SACHIN NADDA ALUMNI CIVIL ENGG.

THE BIG BHANG THEORY

This Shivratri my friends and I planned to visit Mahadev, "Lord Shiva's Home". But first let me ease you in, I want to tell you that at home I used to fast every time on such occasions; it was a kind of a family thing! But now in engineering I am surrounded by diverse kind of people; some atheists, some theists and some strange theists. All this shattered my concept of GOD. I became the third kind, "The one who prayed only during exams".

Therefore my actual intentions behind this visit were not religious; I just wanted to try Ghota. Actually I have quite a history with Ghota. Since childhood I wanted to try it, but I was afraid of my parents and rumored ill effects of Ghota like brain damage and hallucinations. But finally in third year, braving all the phobias, on the day of Shivratri my friends and I made many calls to see if we can get some of this dreaded liquid; but apparently it was too late for the day. So this year we were in no mood to take risks so we planned to go to Mahadev early in the morning.

But that morning, we realized that no non-exam morning can be an early morning for an engineer! Finally we left for Mahadev at 8:30 am. I say diverse because everybody had his own motive for this journey. Firstly we went to BBMB colony and checked there but we were told to check later in noon, so we continued towards Mahadev and we reached there in half an hour. When we reached the temple, I witnessed the longest queue, (that too for Shivratri). I wondered! Two of us got in the queue and others went with a man who seemed experienced with the Ghota "business". On reaching there, we saw similar crowd and we realized that it was a good business idea for the day. I took container from my friend and paid 300 rupees which seemed pretty less. The price was a mood killer, but after a bit of whining we got excited again that we'll be finally having it. And in this excitement we nearly left without the two, who were still in the queue, holding packet of milk and bananas, we asked them to come with us and they only agreed when we made clear to them that on our way we will find some other alleged "Home of God".

Then on our way back to colony we found a temple where "a small black stone" which people call "Shivling" was placed under a tree, so my two friends had time of their lives doing all the rituals they wanted to do! Then we found a suitable, well deserted, place and drank Ghota there. Since it was costly everybody got only two or three small glasses. And then I realized, I was not feeling like I was supposed to as per the myths and the legends.

So now we decided to go to colony, to have some more of it as it was kind of tasty and didn't considered Mahadev due to high market price of Ghota there! On reaching colony we saw a stall where people were serving Ghota for free, so we drank three glasses again hoping to experience that seemingly elusive buzz.

Again disappointed, we all decided to take some rest at colony's ground and I remember the blazing sun. Then the drama actually started. I remember I was talking on the phone and my friends were at some distance from me. After disconnecting the call, I walked up to them but I couldn't recall walking there. Now I was not able to analyze or perceive things, events of present and past were all mingled in my mind and everything was in slow-motion for me. I was literally in state of turmoil. My friends were laughing at me and whatever I was yelling and muttering willy-nilly.

Then worriedly I told my friend that it wasn't feeling normal and this "Buzz" was different from the others I have experienced. Then he googled it and told me elaborately that it was normal for a person who has consumed cannabis, but in my mind I was all cynical due those childhood cannabis horror stories.

While leaving the ground I bumped my leg against the gate but I didn't feel it. Then I lay down on stairs, because I was feeling giddy. I wanted to go back to my room but my friends told me that it's this buzz which is the whole point of illicit and copious use of cannabis all over the world and apparently I was supposed to enjoy it!

Then we went to "Taj Mahal" restaurant in colony, everybody ordered something but I wasn't bothered. Another friend of mine called me and asked where we were? After asking my other friends, I told him that we were before Taj Mahal in Agra!

Then we headed towards the lake. And up to this point we all were in Buzz, except for the one who refused to have any. We went to our friend's room from Lake. Then we played seep there, and eventually everybody decided to leave for their rooms. Now we were only two, both in similar condition. On the way back to my room a little dog kind of pounced on me and I thought it was a football and kicked like Wayne Rooney would have. And after a heated discussion with the dog's owner I finally reached my room and went straight to bed.

And when I woke up in the morning I realized, "all I had heard was true"!



GITESH KUMAR MECH 1ST YEAR

MANPREET SINGH

TEXTILE 4th YEAR



FREEDOM!!

"Look out!", my window screams as it turn, with beauty it beams. Snow clouded mountains form my morning, freedom of birds with sunshine warming It's so welcoming the bliss of those mounts, my heart stands still every beat it counts. Every beat I did not live, Every beat I left unfulfilled, Every dream of mine I did not cherish, in the fear that after this life would perish. Now I stand on the top of this peak, desires fulfilled and fears conquered, I wanna shout out loud 'n' tell this world, "I did it!" and you can do it too, Coz it's just you who's stopping you, from confronting those phobias. Yes, they are irrational, don't truly exist, and things which don't have any existence Why afraid of them? Why stopped by them? come on "live" your life, coz it's meant to be lived way no one ever did live, way life itself turns and salutes you, way no one can stop you from being happy. Be happy with what you have and who you are, but never kill this desire to be more n some more n some more...

TURBAN: THE CROWN

- 1. In Greece, in ancient times if a turban wearer was witnessed in the High or Supreme Court, his words were accepted as 101% truthful....because of TURBAN
- 2. In India, only SIKH community is exempted of wearing helmets in traffic and military because of TURBAN.
- 3. Hardly any Turban wearer could be found begging because of respect for the TURBAN.
- 4. Only Sikhs can legally wear Talwar and Kada because of TURBAN.
- 5. Hindu, Muslim, Christian have to tell their identity but not SIKHS because of TURBAN.
- 6. Faith, Love, Trust could be clearly seen in the eyes of people when they meet a Sikh because of TURBAN Anyone can buy and wear a cap or a hat. But one has to earn a Turban by learning how to tie it and decorate THE CROWN on daily basis because it a TURBAN.....
- 7. Tying a Turban brings in you Politeness, Truthfulness, Hard work and many positive qualities....
- 8. Once one starts tying a turban one feels the uniqueness and confidence in oneself which can never be felt with a cap or hat.
- 9. On the top of the TURBAN lies a magnetic power which impresses everyone around....

Due to this reason SIKH Community always remain in HIGH SPIRIT....

So Brothers become so much determined that the world becomes the fan of TURBAN..

Everyone should wish to be born as a SIKH.....

WAHEGURU G DA KHALSA, WAHEGURU G DI FATEH.

TWASK 2K15

In the monotonous life cycle of a student which generally includes eating, sleeping, lectures and repeating, college fests shows certain degree of fluctuations in the excitement level of students. It is all about fun embellished with learning experience when it comes to organizing a successful college festival. Our college festival 'TWASK' which literally means 'energy' is a grand event of JNGEC which is uniquely situated on a hill top. Like its earlier versions, TWASK 2015 was a grand success. Arranging for a fest of such a level ranges from planning a theme, to fixing a budget, managing sponsorships, inviting guests, performers, arranging events and a lot more. TWASK'15 was a blend of some amazing cultural, technical and miscellaneous events.

The fest was formally inaugurated by Hon' Director Sir. The first day's main attraction were its technical events, we had everything from gaming to general events like slow biking, gully cricket etc. The highlight was the War of Bands which was judged by Nissi Band from Jammu. In the end of this mega event, Nissi Band performed on the stage and made everyone dance on their tunes. Other than this, there were exuberant dance and singing performances from students of different colleges.

The 2nd day began almost the same as the first day with all the coke and rushing but the excitement was due to the Star band 'The Local Train' which was to perform in the evening. Various other events like Twask Roadies and Mr./Ms. Ardent continued simultaneously. The stage was all set in the evening for the star band. They performed very well. Their performance just took our souls to some other level. I guess, their guitarist too went to some different level of excitement or hysteria as he fell down from the stage while performing. Later, we came to know that this guy had similar incidents in the past too. But, honestly, the ambience created by the band was truly mesmerizing and we all got filled up with ecstasy.

The last day was the culmination day and we had till now managed the events successfully. This day also, there was no. of cultural events including The Fashion Parade. Everyone was excited for this. The Bollywood themed event just ignited the spirit of Hindi Cinema in all of us. For this last evening, we had with us the famous Punjabi singer 'Zora' who sang various Punjabi numbers which made everyone dance on their seats. The show concluded on a high note, as everybody danced, sang and partied.

There were happy faces all around and I could see a sense of satisfaction in the eyes of seniors who did their best to make this event a success. The shoes our seniors had left us to fill were tough to fit in. Kudos to them for the work they had done. They had set a bar for us to achieve for the next year's fest and I am sure JNGEC will see events of such grandeur in near future also.

DECIBEL 2K15

Residing at the top of the palisade, staring at me continuously as I impelled my footsteps towards him was nothing but a building with four hands A, B, C and D lighted up with several colours and inviting me curiously to be curiously to be part of it.

As I stood a cool breeze welcomed me in the lap of this cheerful atmosphere;

My heart overwhelmed with everlasting fury.

As though I have been deemed guilty by jury;

The blood flowing through my views,

Rapidly moved in sporadic chains.

Atmosphere was delighted with the aura of bright sunshine. The morning rays scattered over the alluring scenario was a thing to be entertained. The entire place was enlightened with colourful orchestra and bouquets. Struggling among the fellow ones I also wished to know what the occasion was. In the midst of the chaos and confusion, suddenly my alarm beeped again after I snoozed it for third time and I was back to my senses.

8:30 am was the time and my eyes widened with every second passing by. "OH GOD! I AM LATE". Late for the very much awaited event of my college, Decibel 2015, and I, or rather no one would like to have missed the day.

JNGEC Sundernagar celebrated its cultural fest i.e. Decibel on Nov 26th, 2015, amidst great zest, vibrance and elation. On that very day the college buildings had worn a festive look. Even the campus was decorated with a colourful festoon.

Great preparations were made several days before the fixed date. The college building was clean and shiny with the gates all varnished. The college compound was also clean and well decorated. Invitations were extended to the head official of the subdivision i.e. S.D.M. Sundernagar. The Technical Education minister of our state, Sh. G.S. Bali was invited to preside over the function and distribute the prizes. Well decorated gates and paths were prepared for the welcoming of the guest. Necessary seating arrangement was also made in front of the administrative block.

The programme was scheduled to commence sharp at 11 am and as the time drew near, the college atmosphere was filled with the hustle and bustle of students, faculty and vehicles.

The invited guests began to arrive and were received by some professors and members of the organising committee and were allotted their seats. Since, the Chief Guest was arriving a little later; so the commenced at 11.30 am with the sweet melodious voice of singing participants. Music was filled in the air. The sweetness of the music was suddenly overwhelmed by the fresh and the rocking performances of the dance participants. The major event that the audience was waiting for was the finale of *JNGEC Got Talent*. Three students namely Aman Kumar (Civil, 3rd Yr) for mimicry, Pankaj (Mech.,3rd Yr) for dancing and Gagandeep (Civil, 3rd Yr) for poetry had made it to the finals. All the three had worked hard day and night to win this competition. They gave their 100 % in their respective performances. The performances themselves spoke for the hard work that must have been put on by the participants in their practice. The judges had to think twice before nominating the winner. At last *JNGEC Got Talent* was given to **Pankaj** for his special dance performance and it was welcomed by the spectators in the form of cheerful applause.

In the midst of the heart touching performances, the Chief Guest arrived exactly at 4 pm. He was heartily received by respected Director and other members. The escorts gave him a Guard of Honour. He was presented with bouquets by the students and was accompanied to the sitting stage with the director and organising authority.

The programme started with traditional folk dance of Himachal Pradesh i.e. Nati. It was a proud moment to acknowledge the beauty of the state in the form of dance. The Director of the college was then requested to deliver a short speech related to the achievements of the college in different fields in the recent time. In his speech, he mentioned in detail about the achievements of college in the fields of education, sports and other co-curricular activities.

Now, it was the time for the respected Chief Guest to address the audience. He gave a vote of thanks for inviting him as the Chief Guest. After delivering his motivating speech, he delivered prizes to those who excelled in the fields of academics, sports or any other co-curricular activities.

And then came the event for which most people were waiting, *DJ Night*, speciality of DECIBLE. Everybody including students and the faculty members enjoyed the whole show. At the end of the day everybody felt rejuvenated, after taking out time from the daily boring routine. It was a day to be cherished in the future.

I have always loved the desert. One sits down on a desert sand dune, sees nothing, and hears nothing. Yet through the silence something throbs, and gleams..."







PRAVEEN KUMAR ROY ALUMNI CUM EX-EDITOR

THE MYSTERY

"Until I feared I would lose it, I never loved to read. One does not love to breathe."

-Harper Lee (Scout: To kill a mockingbird)

I want to talk to you about a mystery. An interesting and important mystery.

Because the magazine you hold in your hands is part of a unique gift that we enjoy as a species. That gift is 'story.' As far as we know, we are the only creatures to tell, invent, and enjoy stories. And stories are important. We owe our existence to them. They sustain. Interpret. Educate. Encourage. Give hope. They allow us to see through the eyes of our fellow humans. They nourish empathy. Stories develop the strength and breadth of our amazing imaginations. They give us the power, from time to time, to cheat death. They are vitally important to the human race. Stories mean life.

Many anthropologists will cite singing and dancing as being the glue that cemented early tribal society together. I believe our 'species survival and growth package' includes other vitally important elements, such as a talent for the visual arts, a compulsion for physical and mental games, and stories—our universal passion for the made-up tale. Fiction pumps through our veins. Where's the origin of this apparent inborn need to tell and to hear stories? The mystery lies in the origins of this need. We can't say precisely where the first fable was spun. Or when. Perhaps a gene mutated in one of our ancestors two hundred thousand years ago. For some mysterious reason our great (many times great!) grandmother or grandfather found themselves saying words that broadly mean "Once upon a time." And then relating events that never actually happened, yet which contain iridescent truths that illuminate human life.

I should say something about my dramatic statement that stories are so important we owe our existence to them. After all, I can't glibly toss out the opinion "that stories are a matter of life and death" in your general direction, then saunter away, can I? So, Ladies and Gentlemen of the jury, I present my case. The facts are, at the time of this writing, scientifically accurate. Of course, I'm a writer of fiction (every cell of my body positively throbs with that 'story' gene: yours, too!), so I paint my facts onto the canvas of imagination.

Here we go. We're traveling back twenty thousand years. Back to a world of woolly mammoth and saber-toothed cats. Silently, we follow a lone figure limping through the forest. This is the last of the Neanderthals. The anatomy of the figure is typical of the Neanderthal species. A very stocky build. Sturdy legs. The jaw juts out fiercely. The arms are muscular, biceps are bulging. She is so powerful that she can easily snap the neck of a wild pig.

For months she has been searching for more of her kind. A quest doomed to failure. She can't possibly know that she is the last of her species. Nor would she understand that something happened in the last few generations that caused the Neanderthal to begin a headlong rush to extinction.

The last Neanderthal is living on borrowed time.

In the forest she hears voices. Though the language is unfamiliar, she is suddenly excited. Her species have communicated with each other in a remarkably sophisticated way for thousands of years, using spoken words and tongue clicks. Her heart pounds. This female is certain she has found another family grouping of Neanderthals. The chances of joining the group are slim—typically Neanderthal tribes are insular, they seldom interact—just the thought, however, of setting eyes on her own kind is so thrilling that she begins to run. At the edge of the clearing the female pauses. Something is wrong. Yes, the men, women and children she sees walk on two legs, they call to one another, a couple are arguing, juveniles are laughing as they throw sticks into a tree. The figures wear animal skins; carry spears that are remarkably similar to the weapon she carries. Yet they are not the same as her species. Their bodies are so slender they seem almost fragile. Their faces are peculiar, too. They have small chins; the foreheads rise straight up instead of sloping back like those of her race.

The last Neanderthal is disappointed. These aren't of her blood. Yet she finds their behavior interesting. Not much of it makes sense to her. Lack of food has made her drowsy. So why not settle down here in the bushes? Rest. Observe these delicate creatures for a while. From her vantage point, concealed in the vegetation, she watches. The peculiar-looking creatures start a fire. They butcher a roe deer with flint knives. Soon they are enjoying a meal. Even though they have been hunting during the day they don't doze after the feast like Neanderthal hunters would do.

This is very perplexing because her own species never did anything like this. Nor did they carve figures as a man appears to be doing right now to a section of mammoth tusk. Just as darkness pulls in, when all sensible Neanderthals would be bedding down for the night, these people start to move about the fire. They clap their hands in a rhythmic way. Sounds come from their delicate, little mouths. They seem to be saying the same words at the same time, then they begin to sway to the rhythm. Song never featured in the Neanderthal way of life.

Dance is alien to her. After the dancing a silver-haired woman begins to speak. All the tribe gather round to listen. They are captivated by what she is saying. The last Neanderthal notices the expressions on the faces in the audience. She's incapable of figuring out that the Homo sapiens are listening to invented situations that befall a fictional character. And because other tribes of Homo sapiens are eager for new stories, different tribes meet and share their fables. Therefore, they don't experience the tribal isolation that has brought the socially shy Neanderthal to the brink of extinction.

The family group she watches from her hiding are vibrant, outgoing, and passionately interested in life. Their restless curiosity always means that they expand their contact amongst neighboring tribes, so the gene pool is ever-growing. These highly imaginative humans are equipped to survive, even flourish. The female stares at the creatures listening to the story. The faces of the children shine with delight. They are learning without even realizing a lesson is being taught. Or that the muscles of imagination are being strengthened to the point imagination becomes a tool of incredible power in its own right. The last Neanderthal continues to stare as the stars come out one by one. She no longer blinks. Not even when a spider begins to methodically spin a pure white shroud for her face.

Story. So very important. So vital to the survival of our species. And fiction is important to us individually. You probably remember the first story you heard that fascinated you, and invoked the power of your imagination. Certain films and TV dramas undoubtedly still linger in your mind, even though you saw them as a very young child.

I grew up loving movies that featured monsters, aliens, and magic. When I was all but ten-years-old I watched a film on television that, for the first time, seemed to light up the atoms of my very being. For the life of me, I can't name the film, or the actors. But, wow! I can still remember the hulking, great robot that stomped down a metal ramp with so much force that sparks flew from its iron feet. Bouncing up and down on the sofa, I shouted, "That's great! I'm going to watch it again next week!" The adults carefully explained to the diminutive Praveen, with his wide, shining eyes, that it was a film, not a TV series. That it wouldn't be back next week. That didn't matter. Not at all! Because my imagination had been brought to life. Whenever I wanted, I could recall in vivid, dazzling, awesome detail that huge robot clumping along, sparks blazing from its feet.

So, like my fellow human beings everywhere on Earth, I found my love of story. Books, comics, television, film, radio. Stories pulsated everywhere. Fiction nourished me as much as rice, fish-curry and the sweet delicacies my mother prepared so devotedly. What I devoured most in the way of books were fantasies and mysteries. Fortunately, the school library had a fine stock. I gobbled them up one after another. And birthdays brought me Harry Potter and Sherlock Holmes series. And it was only later that I appreciated that many of the characters I loved were first introduced in magazines, such as the nineteenth century monthly The Strand Magazine, and The Penny Dreadfuls. These publications used the latest print technology to deliver their content in what was then a fresh and inventive way. The Strand Magazine not only published great text by the likes of Sir Arthur Conan Doyle, there were also dramatic illustrations of soldiers brandishing swords, or explosions, or thrilling cliff-top fights. Back in the gloomy depression between the World Wars they would have screamed excitement from the newsstands. "Buy Me! I can take you away from your worries!" Imaginations would blaze; the reader would step into the hero's shoes. They'd be empowered. Even when the reader was back in the real world again after closing the magazine, they could face the day-to-day struggles with renewed energy and hope.

That's what stories, do. They help our species to survive.



VISHNU SAAFAYA ECE 3RD YEAR

Just Another Rhyme

hue de Lana bloug pot com People think I'm cold... They say what they're told... But when their clock turns old... They see me turn gold! I don't do it for the show... I do it for the gleam... Which reflects in the eye... Makes me feel like a tree... Standing tall... Taking it all... Giving it away... But never leaking a drop! I swear I'll love standing there... Nobody giving or taking care... I'll light myself a light... See the wax melting.... The clock ticking... People sitting... Beneath me... Me giving them shade... But then they'll cut me... Take me away... N in a flash... All will turn grey... I'm afraid of letting it go... Them doing things that make me low... But if they hate it... I'll let them take it... But please tellem' to make it slow!



NITIN BHARDAWAJ CIVIL 3RD YEAR

MANISHA

ECE 3RD YEAR



I PROMISE

I KNOW

Read but write more,

Talk but think more,

Play, but work more,

I promise you will succeed sure!

Sit, but stand more,

Rest, but labour more,

Stop, but move more,

I promise you will be active sure!

Eat, but chew more,

Weep, but laugh more,

Sleep, but wake more,

I promise you will be healthy sure!

Hate, but love more,

Order but obey more,

Quarrel, but agree more,

I promise people will love you sure!

Punish, but forgive more,

Spend, but save more,

Consume, but produce more,

I promise people will respect you sure!

I know I can't fly,

But still I want to try;

I know I would not reach the sun.

But imagining about it is always fun;

I know I can't do magic,

But I don't think it's tragic;

know I can't be a superwoman,

But am better as a simple woman;

know, everywhere I can't get light,

But finding the way in dark,

I am bright;

I know today's full of sorrows,

But then also I should not just wait for happy

tomorrow;

I know things may be wrong,

But they don't last for long;

I know I don't know everything,

But in my eyes,

I am a queen.



PARAS ECE 4TH YEAR

RAKESH

ECE 3RD YEAR



पेशावर हमला

उस दिन की सुबह याद है मुझे, किया था इंकार नहीं जाना था उसे, पानी है मंज़िल तो जाना तो पड़ेगा, दिया था लालच नए खिलौने दिलाने का. मान लेती उसकी बात, न होता आज ये मेरा हाल... आज भी खिलौने लेकर तैयार हूँ, उसका इंतज़ार करके बेहाल हूँ, ना जाने क्यों नहीं आ रहा है वो. क्यों मुझे सता रहा है वो, दे रहा है मुझे सज़ा घर न वापस आकर, थक गयी हूँ मैं अब पछताकर... मान ली होती उसकी वो बात. तो होता वो आज मेरे साथ... आज जब भी तन्हा होती हूँ, उसकी तस्वीर देख कर रोती हूँ, क्या गलती थी उसकी, जिसकी उसने सजा पायी. उन ज़ालिमों को मासूम को मारते ज़रा भी शर्म न आई... मासूम था वो, आँखों में मस्ती थी, कुछ सपने थे उसके जिन्हे पूरा वह ना कर पाया, उन हैवानो ने उसे मौत की नींद सुलाया... कर गया वो हमारी आँखे नम, उम्र भर रहेगा उसके जाने का गम, कोसूंगी मैं खुद को, मान लेती गर उसकी बात. तो होता वो आज हमारे साथ।

हल्दी घाटी की लड़ाई

वीरों का रक्त बहा, लहुलूहान हुई घाटी थी। खून से लथपथ हुई वो, मेवाड़ की माटी थी ।। हर एक राजपूत सम्मान के लिए खड़ा था । आदमी तो आदमी जानवर भी, मुगलों के खिलाफ लडा था ।। घाटी में लड़ते समय, मुगलों को याद पुरानी थी। याद था मुगलों को राणा साँगा, जिसनें हार नहीं मानी थी ।। भीलों , लोहारों के संग जब राणा प्रताप ने हुंकारा था । हिल गया दिल्ली का सिंहासन, जब राजपूतों ने ललकारा था ।। तलवारों की आवाज से गूँजा, घाटी का हर ईक कोना था। हर उठने वाली वो ललकार , मुगलों का सम्मान खोना था ।। अस्सी हजार मुगलों को, नाकों चने चबाए थे। बीस हजार मेवाड़ियों ने, खून के आँसू रूलाए थे ।। सामना हुआ प्रताप से , मानसिंह हाथी के पीछे भागा। भाले से गिरा हाथी, अकबर का जमीर जागा।। प्रताप का पराक्रम देख, अकबर का सीना फट गया। झुका सके सरों को, मुगलों का सर शर्म से कट गया ।। खून गिरा इतना जमीन पर, की झरना बनकर बह गया। युद्ध हुआ वो इतना भयंकर, कि इतिहास बनकर रह गया ।। तीरों के तीर बरसे और खून की प्यासी हुई धरती थी। उड़ गई वो सोने की चिड़िया, जो हिंदुस्तान में बसती थी।।



AMAN GULERIA
TEXTILE FINAL YEAR

WORLD PEACE: THE IRONY

Though there are numerous organizations for maintaining world peace, but even then the question arises whether it actually exists or not, there are certain situations which make us think about it .Therefore through this article I will be throwing light on some of the situation .The first situation is;

ISRAEL HISTORY

The history of Israel has been very complicated and full of conflicts over religious issues. It all started during 2nd millennium BC when Cannan was dominated by Egypt (part of Cannan later became Israel). The first record of Israel occurs in Merneptha Stele, erected for Egyptian pharaoh Merneptah.

Herbrew Bible has described constant warfare between jews and other tribes, around 930 B.C the kingdom split into a Southern Kingdom of Judah and a Northern Kingdom of Israel. Alliance between Ahab of Ben Hadad (2) of Damascus managed to repulse the incrusion of Assyrians, with a victory at the Battle of Qatqr (845 BCE). However the kingdom of Israel was eventually destroyed by Assyrian King Tiglath Pileser (3) around 750 BCE.

In 586 BCE King Nebuchadnezzar (2) of Babylon conquered Judah. According to Herbrew Bible, he destroyed Solomn's Temple and exiled the Jews to Babylon. This conquest happened because Judean King Jehoiachin switch allegiancies between Egyptian and Babylonians as Egypt was Babylon's main rivals.

In 538 BCE Cyrus the great of Persia conquered Babylon and took over its empire. Cyrus issued a proclamation for freedom to all religion as result 50,000 Judean came back and rebuilt the temple. In 333 BCE, Alexender the great defeated Persia and conquered the region.

In 198 BCE Judah became a part of Selucid Empire, in 2nd century BCE Antiochus 4 Epiphanes (ruler of Selucid Empire) tried to eradicate Judaism in favor of Hellenistic religion, this provoked the 174-135 BCE Maccabean revolt led by Judas Maccabeus

Judea was made a Roman province in 6CE, following the decades, the society suffered increasing tension between Greco-Roman and Judean population.

In 64CE, the high priest Joshua Ben Gamla, introduced a religious requirement for Jewish boys to learn to read from the age of 6. Over the next few hundred years the requirement became steadily more ingrained in Jewish tradition.

In 66CE, the Jews of Judea rose in revolt against Rome, naming their new state as "Israel". During the Jewish revolt, most Christians at this time a sub-sect of Judaism, removed themselves from Judea. From 115 to 117, Jews in Libya, Egypt, Cyprus, Mesopotamia and Lod rose in revolt against Rome. The conflict was accompanied by a large scale massacres of both Roman and Jews. Cyprus was severely depopulated and Jews banned from living there. In 131 the Emperor Hadrian renamed Jerusalem "Aelia Capitolina" and constructed a temple of Jupiter on the site of the former Jewish temple. Jews were banned from living in Jerusalem and Judea province was renamed Palestine.

During Bar-Kochba revolt Christians refused to participate and from this point Jews regarded Christianity as separate religion. After suppressing the Bar-Kochba revolt, the Romans exiled the Jews of Judea, but not of Galilee. In 351-2 another Jewish revolt in Galilee erupted against a corrupt Roman governor. In 362, the last pagan Roman Emperor, Julian the Apostase, announced plans to rebuild the Jewish Temple.

ARAB RULE

In 634-636 the Arabs conquered Palestinea Prime and renamed it Jund Filastin ending ban on Jews living in Jerusalem. Over next few centuries Islam replaced Christianity as the dominant religion of the region. In 1099, the first Crusader took Jerusalem and massacred both Muslim and Jews.

After Crusader Egyptian Mamluk Sultan Baibars conquered the region and ruled it until 1517, regarding it as part of Syria. Baibars banned Jews from worshipping at the cave of the Patriarchs (the second holiest site in Judaism)

The collapse of Crusade was followed by increased persecution and expulsion of Jews in Europe. Expulsion began in England (1290) followed by France 1306. In Spain persecution of the highly integrated and successful Jewish community began. During Black Death many Jews were converted to Christians but secretly practiced Judaism.

During Middle Ages many Jews migrated to the Land of Israel. The Jewish population was concentrated in Jerusalem, Hebron, Safed and Tiberius known in Jewish tradition as four Holy cities. During 19th century Jews in Western Europe were granted Citizenship while numerous faced growing persecution and legal restrictions in Eastern Europe for US.

Russian Jews established many communities which were self-reliant rather than being dependent on donation from abroad (Zionist movement), unlike Ashkenazi-Jewish community which were concentrated in the Four Holy cities extremely poor and lived on donation from Europe.

During World War (1) most Jews supported the Germans because they were fighting the Russian who were regarded as Jews main enemy. In Britain government sought Jews support for the war effort against Ottoman Empire .Palestine was confirmed by the League of Nation as per British mandate and between 1919 and 1923 40,000 Jews arrived to Palestine escaping post-revolutionary chaos of Russia as over 100,000 Jews were massacred in this period in Ukraine and Russia.

In 1929 tensions grew over the Kotel (Wailing Wall) a narrow alley way where Jews were banned from using chairs or any furniture. The Mufti claimed it was Muslim property and that the Jews were seeking control of the Temple mount. This led to the August 1929 Palestine riots. The main victims were the ancient Jewish community.

With millions of Jews trying to leave Europe and every country in the world closed to Jewish migration, the British decided to close Palestine. The White paper of 1939 recommended that an independent Palestine governed jointly by Arabs and Jews, be established within 10 years.

Between 1939 and 1945, the Nazis, aided by local forces, led systematic efforts to kill every person of Jewish extraction in Europe (The Holocaust) causing the deaths of approximately 6 million Jews. In US and Palestine, Jews of European origin became disconnected from their families and roots.

Israel signed armistices with Egypt, Lebanon, Jordan and Syria. The Syrians remained in control of a strip of territory along the Sea of Galilee originally allocated to the Jewish state, the Lebanese occupied a tiny area at Rosh Hanikra, and the Egyptian retained Gaza strip. Between 1953 and 1956, there were intermittent clashes along all of Israel's borders as Arab terrorism and breaches of the ceasefire

resulted in Israeli counter-raids. Palestinian Fedayeen attacks often organized and sponsored by the Egyptian were made from Egyptian organized Gaza. Fedayeen attacks led to a growing cycle of violence as Israel launched reprisal attacks against Gaza.

In 1956 Israel made a secret agreement with French to coordinate military operation against Egypt after Egypt blockaded the Gulf of Aqaba preventing Israeli access to Red Sea. French also agreed to build a nuclear plant for Israeli.

In May, 1960 Adolf Eichmann, one of the Nazi Holocaust was located in Argentina by Mossad (Israel Intelligence), which later kidnapped him to Israel.

In 1962 the Mossad began assassinating German rocket scientists working in Egypt after one of them reported the missile program was designed to carry chemical washed. Until 1966 Israel's principal arm supplier was France, however in 1966 France announced that it would cease supplying Israel with arms, but on Feb 5 1966 the US announced that it was taking over, US also agreed to provide A-4 Skyhawk tactical aircraft to Israel.

At the 1972 Munich Olympics eleven members of Israeli team were taken hostage by Palestinian terrorists. A botched German rescue attempt led to them all being killed along with five of eight hijackers. The surviving Palestnian were released by the West German authorities eight weeks later without having stood trial in exchange for the hostages of Lufthana Flight. The Israeli government responded with bombing an assassination campaign against the organizers of massacre and a raid on the PLO (Palestine liberation organization) headquarter.

In July 2013, as a "good will gesture" to restart talks the Palestinian Authority, Israel agreed to release 104 Palestinian prisoners, most of whom had been in jail since before the 1993, militants who had killed Israeli civilians. April 2014, Israel suspended peace talks after Hamas and Fatah agreed to form a unity government.

Following an escalation of rocket attacks by Hamas, Israel started Anthe Gaza Strip on July 8, 2014, included a ground incursion aimed at destroying the-border tunnels.



DIGVIJAY SINGH MECH 2ND YEAR

Virtual Reality-Key to the Future

"Virtual Reality" these two words together, sound like something from the future. VR is the vision of today's scientists and engineers. VR will define everyday tasks that we do now in a whole different manner for the future generations. Virtual Reality as the name suggests itself, means experiencing a whole new world seen through some headset or glasses with lots of information about it in real time. It will merge the physical world with the virtual world. Through this technology our information database which is essentially our mind, will be receiving a whole new set of data and information just by looking at things. It will change the way we play games, watch movies, interact with society, do shopping, perform a surgical operation, defend our country and the way we are exploring our universe.

It hasn't been around till now due to lack of proper technology and solutions to fundamental problems. But advances in processing power and sensor technology have meant that cost has reduced to a point where it can finally impact multiple industries, and startups are using it in sectors as diverse as entertainment, design, scientific research, defense, communication and education. In healthcare, university labs and private companies are increasingly using it to treat phobias, Post-Traumatic Stress Disorder (PTSD), burns and phantom-limb syndrome.

Consumer versions are due to be released over the next 18 months: VR headsets from Facebook's Oculus Rift,'s HTV Vive's Project Morpheus, along with Microsoft's augmented-reality glasses, HoloLens. Powerful graphic cards mean higher frame rates, bringing an end to the motion sickness experienced by some VR-headset users during the 90s, caused by a lag in gameplay. Improved sensor technology has enabled better low-cost tracking of wearers using devices such as Leap Motion and Kinect, and smartphone technology is the foundation of the Google Cardboard and Samsung Gear VR products headsets that allow mobile devices to act as virtual-reality screens which have already been released.

In 1983 Lanier established VPL Research to develop, among other things, gestural gloves for Nasa's Ames Research Center in Silicon Valley, and a Head-Mounted Display (HMD), the EyePhone. This kind of superior virtual reality has been accessible to industry for decades: BAE Systems (Aerospace company) uses it to design warships, and Ford has its own immersive Vehicle Evaluation (FiVE) Lab. But widespread adoption of VR moved closer in 2009. That same year a precursor to the Oculus Rift was developed, a mass of wires and clunky headgear, that crucially had an algorithm that distorted the image so it looked realistic when seen through a lens. The device received \$2.4 million (£1.6m) in Kickstarter funding in 2012, before Facebook bought the company for \$2 billion in March 2014. Today, the Oculus Development Kit 2 will set you back \$350. It weighs under 450g and offers 360°, builtin audio and a 100° of view. Oculus is just one piece of hardware that's founded on the work of the pioneers of the 80s and 90s. When Microsoft revealed HoloLens in January 2015, the company described the product as "holographic goggles" that work by directing light particles from a "light engine" through the goggles' two lenses (which house layers of blue, green and red glass), before hitting the back of the eye. Sony, meanwhile, is aiming its Project Morpheus at gamers demonstrations focused on sword battles and shark attacks. Although the company is also moving into augmented-reality glasses with its multipurpose Smart Eye glass developer edition priced at £620. Those building this generation's HMDs (headmounted displays) such as Oculus, Sony and Microsoft are all excited to see others working in the field, and are open to collaboration. There's been a significant progress in VR over the past decade, but the products coming to market only hint at the possibilities. The future of virtual reality, the way we imagine, in the sector of healthcare, defense or entertainment will rapidly become outdated. VR could move in multiple directions with a variety of applications, and man is at the center of that tech, in a way they never have been before. Fingers are crossed and now it is the time to see how this tech evolves around.



SANDEEP CHAUDHARY
TEXTILE 3RD YEAR

SCIENCE OF LOVE

Love, it's a weird and beautiful feeling which we experience for someone beautiful and close to our heart or is it merely a chemical response of our brain to hormones, which nature compels our organs to release for the survival of our species?

Both the cases seem important and questioning and everything that is important and questioning needs at least a scientific examination. Whereas the poets and writers portray love as something mysterious and less understandable, science on the other hand tries to explain the same with logic and simplicity.

According to science, we can describe Love in 3 stages. You may be thinking, "The three stages", seriously! But this is how the scientific analysis is done.

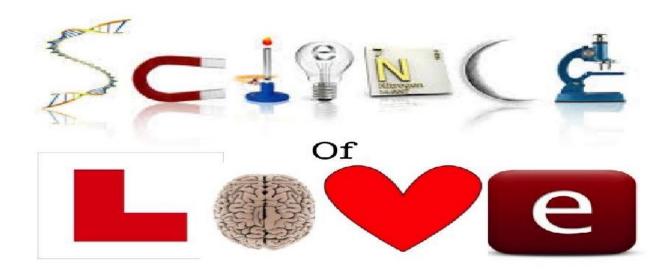
STAGE 1: When we see someone for the first time and fall in love with them. Sounds familiar?

Well science says, this feeling of love at first sight is driven by human sex hormones viz. Testosterone and Estrogen. According to psychologists, humans decide whether they like someone or not in just 90 seconds.

STAGE 2: When we're truly love struck, we hardly think of anything else than the person whom we love and even a glimpse of that person gives us butterflies in our stomach, and makes our cheeks as red as an apple. This feeling is triggered by stress hormone Adrenalin rushing through our blood. After this all, we may also feel happy and this happiness is due to release of Dopamine, yes the same hormone which is also released when a junkie takes in cocaine.

STAGE 3: The last stage, when we make promises of living and dying together similar to the hero and heroine of Bollywood movies. Well, here again some complex organic compound makes us do things like these.

This hormone, Oxytocin A.K.A cuddle hormone triggers long term commitment in human beings. So, next time when you're in love and your texts relate more to Bollywood movies, don't worry, it's all science and as Physicist Richard Feynman said, "Science is not important but Love is".





ANCHAL
TEXTILE 3RD YEAR

If you can dream it, you can do it!

ANYBODY can Dream! ANYBODY can plan!

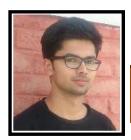
As it says in the song, "when you wish upon a star, makes NO DIFFERENCE WHO YOU ARE".

Your dream is that idea, that vision of your life that fire you from inside and saturate your soul with joy at the very thought of it, something you can't ignore. Success will be never ending and failure will never be final for those who have capacity to dream and have potential and confidence to do it. If you can picture yourself doing it, you can do it. Motivation is something that guides you every day, but if we don't have a dream, we have no motivation. Not only the guide people, books and our society and environment are the sources of motivation for us. But our dreams are also an inspirational source of motivating and strengthen us to achieve our life's vision.

Every great journey begins with one small step. Similarly, every great success begins with a dream. A dream is what it takes to make things happen in our life. We all have dream. A dream for a luxurious life, dream of becoming millionaire, dream of becoming a famous personality and so and so. To have a dream is not working, if you are not fond and passionate about achieving it. I have been a big believer that there is nothing that you can imagine is anything you can't achieve. A person with strong ambition does not depend upon circumstances. He doesn't wait for the perfect circumstances, to way himself towards his goals. Instead, he creates those circumstances for himself because the success will never be served as a cup of tea and saucer. So in context of any situation, even if it would be worst we must work harder progressively in the direction of achieving it. As it is rightly said that "success is not the matter of handling the best and winning the game, it's about handling the worst and finishing the game."

As many a times it is said, "Failures are the pillars of success". The same way, "dreams are the foundation stones upon which we can build our life's goal." More essential than conceiving a dream is to pursue it whole heartedly even in the phase of dire adversity. Mere dreaming has not led anyone anywhere. Implementation of a proper strategy will ensure fulfillment of dreams and a fuller, vibrant life.

Thank you!



MADHAVINDER
MECHANICAL 3RD YEAR

GOD AND HIS MYSTERIOUS WAYS

Since ages it is customary that grandparents tell stories to their grandchildren. If such stories are about their self experiences, they feel proud to share them and the children are much amused. It gives me great privilege to share one of my grandfather's narrations, his "AAP BEETI." I'm replicating it, in his exact words.

I did my matriculation in 1946. Since my father as well as my grandfather had been in engineering department, I had a keen desire to keep alive the old tradition of serving it. Back in those days, there was only one institute for Engineering and Diploma in **Punjab Province** (i.e. Punjab, Haryana, Himachal and Pakistan's Punjab) at **Rasul** (now in Pakistan). The admission was on competitive basis. My worthy father was working at **Mianwali** (Pakistan) at that time. His colleague, Mr. H.N Gandhi, had stood first in Rasul. So in October 1946 my father took me to Mianwali for better preparation of the competitive examination under the guidance of Mr. Gandhi.

Back in those days, the journey was quite long. First we took a bus up to Pathankot and another to Lahore and finally boarded the **MARI-INDUS TRAIN** to Mianwali. We were residing at Sh. Ganda Ram, a six feet tall and brute old man. Mr. Gandhi was also staying with us in order to provide me utmost guidance.

The political atmosphere was warming up throughout the nation. On one side was the **Congress** and on the other was **the Muslim League**. The demand for the formation of Pakistan was getting more and more support from the Muslim Community. The relations between the two communities (Hindu-Sikh and Muslim) were getting strained and this went on for months. Later Muslim League went on declaring the 11th March, 1947 as "**Direct Action Day**."





Our landlord, whom we used to call with reverence as "Baba Ji", was a regular Gurudwara visitor. On 11th of March before leaving for Gurudwara he advised us not to leave the house, as the situation on the streets was quite tense and anything could have happened. When we requested him to stay, he replied, "I've already completed the journey of my life, it is immaterial for me to survive a few days more or not; but you are young and your life is valuable." When he returned safely, chanting Ram Ram, he put three to four wooden logs against the main door of the house, so if the mob tried to break open, it could help.

At about 11am, the whole city was surrounded by mobs coming from different routes, uplifting communal and Pro-Pakistan Slogans. There was another landlord, at about 200 meters, who sent a message that we should take cover at his house as he had arms and ammunition, so that a joint fight could be given to the agitators. On reaching there we realized that it was a big folly on our part as the house was a big Haveli. Hundreds of children, men and women were already there. The worst thing we observed was that in the police-Post-Tower, much higher than the terrace of the Haveli, nearly three hundred rifles were trained toward us, police being all Muslim.

The mob entered the streets of the city and started firing aimlessly. Till then there was no reaction from the Hindu-Sikh. Suddenly, a bullet was fired from a house in return. At that point everybody thought that now the conflict was on and the deaths were to be looming large. The panic had gripped us all and we were waiting helplessly for a treacherous death. We were praying to the Almighty God with chocked throats and tearful eyes. The God is great and He did come to our rescue in his own way.

Good people are there in every community. The "MIANAS" of Mianwali, though all Muslims, were all out to save Hindus. Though they all belonged to rich and respectable families, they went to an extent of placing their Turbans on the feet of the terrorist leaders in the process of negotiating. The D.C. of Mianwali, Mr. Lal Khan Lugari, was also with them. In the end, the terrorist demanded a heavy compensation (in form of money) from Hindus in return of their lives. The D.C. took the responsibility and very tactfully handled the situation. The coming Friday was agreed upon for the ransom.

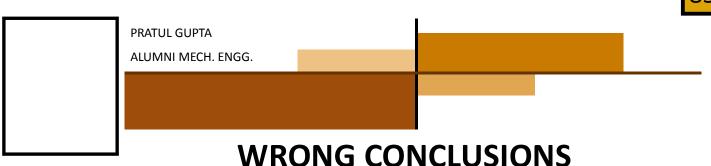
After vacating the city from the terrorist, the D.C. at once called the Army. The whole city was put under their control. On Thursday some representatives of terrorist met the D.C. in order to remind him about the ransom. When the D.C flatly refused to pay them, they tried to threaten him. As now the army was with the D.C., he no more felt helpless and warned them not to break the law and disturb peace. Finally they left challenging the D.C. that "they will see." He rebutted, "I'm the D.C. here and it's me who will see, not you."

On Friday Section 144 was imposed and people were allowed to move in group of four-five. A group of terrorists were planning to cause disturbance but on seeing the whole area surrounded by army with machine guns, they had to go back helplessly.

Thus thousands of innocent lives were saved and one must remember that Good people are there in every community and one should not have any prejudice against any community as a whole.

God is omnipotent, His ways and means are mysterious. These can never be predicted or brought under any limit.

My grandfather said, "Today I'm alive to tell you this story only because of God's grace." After saying so his eyes were wet and he embraced me.



India is a great country. She produces largest number of engineers, doctors, lawyers, scholars and businessmen in the world. Also she produces world's largest political following in the world. We Indians are keen viewers of controversial dramas.

A similar unfortunate incident has been that of the scholar suicide at UoH. The media like an alert watchdog of democracy wasted no time to report on the unfortunate incident. Although it wasted an entire week by telecasting the same news throughout without disclosing all the facts and brushing aside the arguments. The political pumping by media is evident in the meaningless debates it conducts every night where the reasoning is at its lowest and screaming at its highest. The selection of so called "experts" for these shows are nowhere disclosed and the net neutrality aspect and fact presentation are found nowhere to exist.

Media should present all the facts regardless of their perception. Media is a source of information not a source of judicial judgements. Were the scholar's caste background verified before blowing the trumpet? If yes, why would HRD Minister say they are different from those being presented? What can she get by lying? As far as letters from HRD Ministry are concerned, they followed all the protocols and all the rules that are there to be followed. A Central University is a subject of central government and any indiscipline or politics being practiced by any party shall be a responsibility of central government. And what about the story of VC of the university. His stand that the "advised punishment" was lenient, was not presented with due consideration? Also, why his claim that he was not in authority during the punishment, was being dismissed without verification?

There should be a responsible presentation by the media of any incident. The scholar incident is no doubt unfortunate but has the media ever cared to report suicide cases of IIT Kanpur (highest in the country)? What if a high caste Hindu student commits suicide at University of Hyderabad after being advised on not using university accommodation on charges of manhandling and misconduct? Would that incident get equal mileage through the media? Is it necessary to flash the "D" word for days together to make the topic a subject of empathy and injustice? Is it responsible for media houses to demand PM's resignation for the unfortunate incident?

The media harms its credibility by such conduct. The widespread perception today is that media tries to portrait any incident where a backward (not necessarily dalit) caste individual is concerned, as a Dalit vs. High caste battle.

It is unfair to the majority of Indian citizens because they don't involve themselves in such practices yet they share the blame by a self-proclaimed judicial body. Also, the media portrays the incident that a violent and disorderly conduct by an individual belonging to a particular community can be tolerated because they have been "oppressed" since generations, and consequently the safety of other individuals (regardless of their castes and religion) and the integrity of the institute can be dismissed altogether.

Also, what media does is misdirect a genuine investigation. Thus, an FIR can be registered against a representative who merely forwarded a letter of a representative body on the grounds of prevention of atrocities act. Ultimately, this ground will be found invalid by the judiciary (for fundamental reasons which were not reported by the media) but was nonetheless included due to media (not public) pressure. Who would be blamed if and when the case falls apart?

And the largest crime, the media is guilty is of abandoning its responsibility. Such unfortunate incidents should no doubt get its attention but not at the cost of those incidents like a martyr's widow being molested or widespread corruption in health and realty sectors or botched up police investigations which are in genuine need of public attention.

The media should consider a course correction before it loses all its credibility. Distorting the facts for the sake of TRPs does not befit the media of the largest democracy. Giving unnecessary attention to a representative who treats hunger strike as a function is unproductive. It won't hasten the snail like judiciary of this nation. Investigative journalism is unheard of in India but "blaming journalism" is flourishing in India.



PANKIT CHAUHAN MECH 3RD YEAR

24 Aug 2014, I woke up late in the morning as it was Sunday. It was nearly eight when I came back into senses after a deep sleep. I was alone as *Devender* (my roommate) had gone to home. During these three semesters I have never seen him staying here on a Sunday. I was dealing with ill-health during those days. So I decided to go for a walk and take some fruits and newspaper along. I bought *The Tribune* for five bucks and I saw my classmate coming along the way, yes it was *Kapoor* (Ashish Kapoor). We greeted each other and moved on together. *Kapoor* was supposed to wait for his friend in rain shelter at Lalit Chowk. We reached there and started talking about boring lectures of Economics.

"Can I have the newspaper please..?" someone asked from backside. I turned around and saw a man with a beggar type look sitting there. His tattered and dirty clothes, like they had not been washed for days; his pale unhealthy face were some reasons why I addressed him Beggar looking. His nose was running like a leaky faucet. "Beggars also speak English!" I thought for a moment. It was only in Hollywood movies where I had seen so. Well, I was little amazed on his English speaking skill. Although, I handed over the newspaper to him. He started asking about us. I introduced Kapoor and myself to him and also enquired about him. "Harry Rao" he said in typical South-Indian accent. He just killed me with his English skills.

"I am 68 and I am from Bangalore" that *Beggar looking* told me with a smile on his face. But I felt something hidden, something not good in his smile. He mentioned names of some Catholic schools of India and England he studied in. Well, all these schools and colleges spoke in favor of his good English. "I retired as a Lt. Commander from Indian Naval Services. I was a part of *Operation Trident* in Bangladesh liberation war of 1971. I led eight brave soldiers to subjugate the enemy post guarded by forty enemies." very proudly he delivered. I could see his eyes shining with pride. I relived the whole moment like it was actually happening in front of my eyes. And he suddenly stopped speaking. In the meantime I found three of us surrounded by four to five people. Like us they also might have not seen any beggar speaking in English ever before.

"Cancer..... I am in the last stage of cancer. I don't have much time left now" he divulged in a low tone. 'CANCER', that word took my whole thought process to a halt. It took me a few seconds to gather my senses back. "What about your family?" I asked him. "I am married for thirty eight years. My wife used to teach in *St. Mary's*, *Sundernagar*. My daughter was also an officer in Indian Army. And And......they both are no more now." He shocked all of us. "It was a bomb blast at Pune in 2004. They both lost their life in that deathly incident. My daughter was on duty." he broke into tears. And so did the women standing around us. I resisted hard but could hardly control myself.

He opened his bag and started searching something. Yes, photos he was searching for and he found a few. He was looking as smart as any other defense officer in his Naval dress. He picked up one from the bottom, his daughter's picture. "Look at her, isn't she beautiful? Yahan hoti to tum sab ladke line maarte "he smiled. He cleaned those photos and kept them in bag again.

He took a deep breath and held my hand and started saying "Thank you for listening me. It was something much needed medicine for me. I am feeling much relieved now. Now I will go to *Mani-Mahesh* to enjoy rest of my life in peace and harmony. I have lived like a fighter and would die like a one too." He had calmness in his voice. He was looking relaxed with no signs of fear of death.

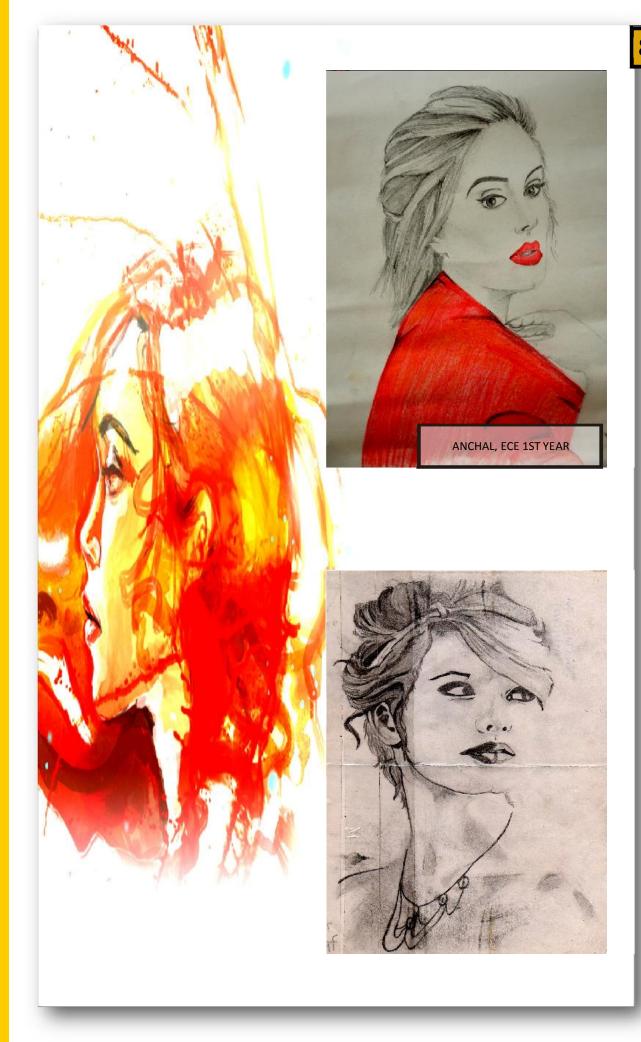
He shared words of any author:

"God grant me the serenity to accept the things I cannot change, courage to change the things I can, and wisdom to know the difference."

I could hardly speak anything. I wished him good luck and I left. I bought a new newspaper started walking toward my room.

He might be dead by now but I still remember his face, his words. I still wonder, that day could have been something else if I had ignored him like any other beggar we generally do.

When failure gives you the hardest hit, But you try your best you do not quit, Remember you have a fighter inside you!

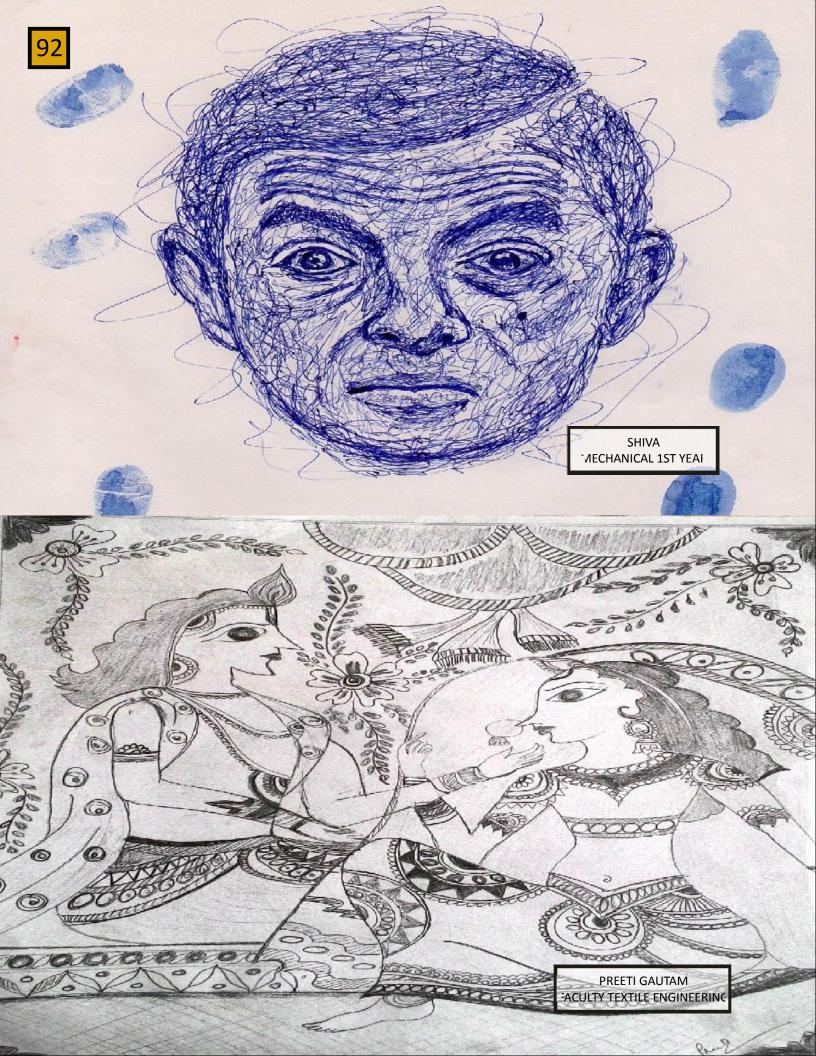


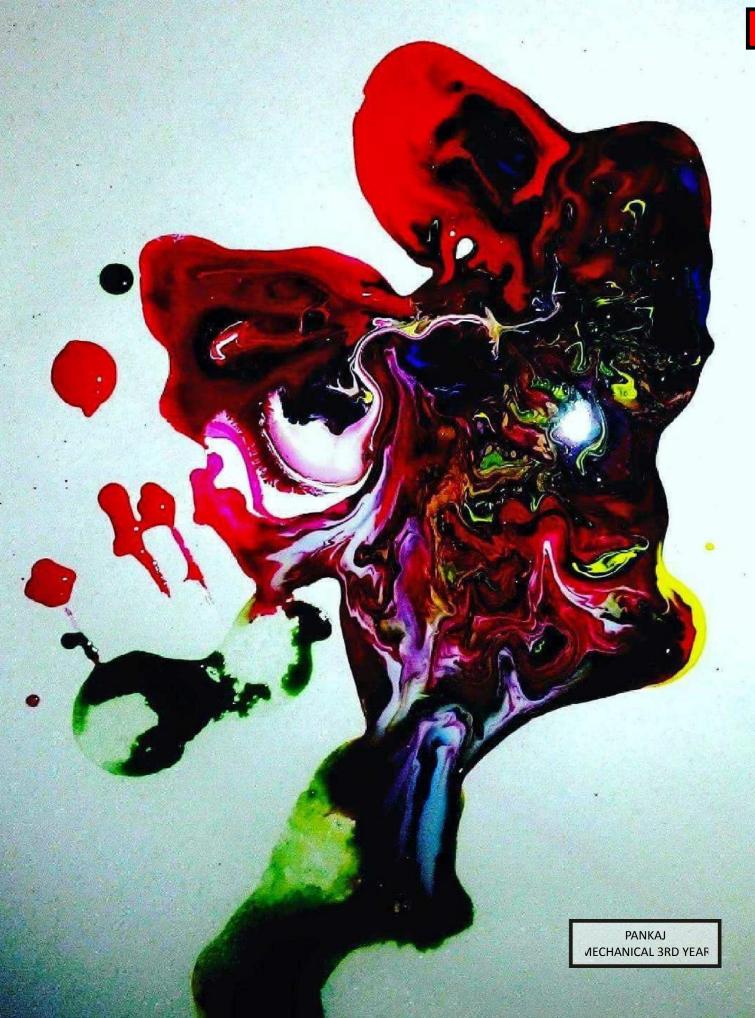








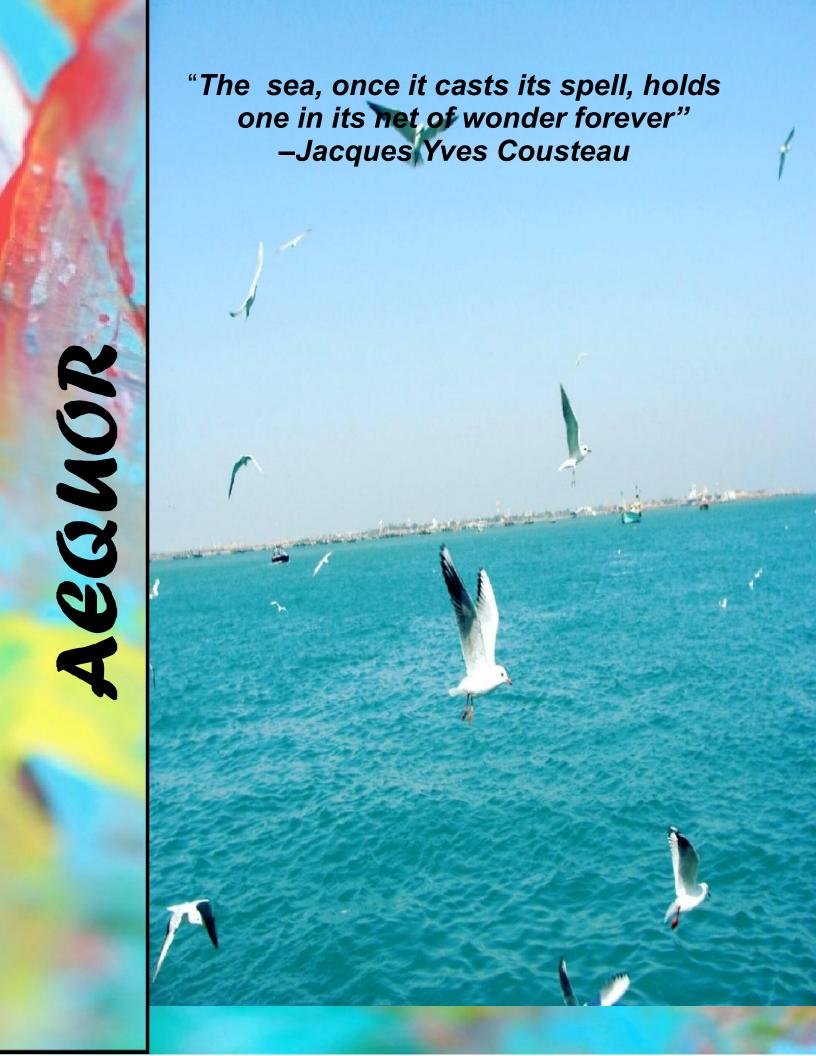
















CHANDNI
CIVIL 3RD YEAR

Secret of life

Every life is a book of secrets, ready to be opened, the secrets of healing, compassion, faith, and the most elusive one of all: who we really are? The deepest hunger in life is a secret that is revealed only when a person is willing to unblock a hidden part of the self. We all want to know how to live a meaningful life, what career would be most fulfilling. We are looking for a personal breakthrough, a turning point, a revelation that brings with it new meaning.

Everyone is a creator. Being a creator is more important than the whole world. Moreover, seeking is another word for chasing after something. This universe is like a mirror, it reflects back whatever is in front of it without judgment.

Here is the secret of life.

We all are like mirrors and follow "Law of Attraction"

Everything we experience reflects ourselves. Everything we gain with experience gives us power to present ourselves better. We are a part of everybody else's life with whom we deal. Being socially connected gives possible chances to grow enemies. We must not feel need to oppose, resist, destroy or conquer. We have no need to control anyone or anything. We can affect change by transforming the only thing that we ever had control of ourselves. If we keep a positive thinking such as (1) all is well (2) a feeling of complete peacefulness. We will feel, we are unique. We will feel life is infinitely worthwhile. Our whole existence have been safe since we are born. We stop looking at the reflections and turn, instead to the source. We start accepting, loving everything willingly.

Now, What is "Law of Attraction"?

"It is a natural law which is said to work by attracting into a person's life experience, situations, events and people that match the frequency of the person's thoughts and feelings."

According to this, 'Like attracts like'. As we feel and think, a corresponding frequency is sent out into the universe that attracts back to us the events and circumstances on that some frequency.

For example, If you think angry thoughts and feel angry, it is claimed that you will attract back events and circumstances that cause you to feel more anger. Conversely, if you think and feel positively, you will attract back positive events and circumstances. Proponents of the law claim that desirable outcomes such as health, wealth and happiness can be attracted simply by changing one's thoughts and feelings.

"It is believed that using the secret can cure cancer."

"Don't wait for the moment, it will never come until you know how to get it."

Always be positive, thinking positively can create life changing results such as increased wealth, health and happiness. What you think, feel will be reflected back to you. This is the secret of life and you have to accept this.



ARVIND
CIVIL 2ND YEAR

4 साल

भुलाना यूँ अपनों को आसान न था, तो बस छोड़ के उनको निकले हैं घर से अजनबियों से हाथ मिलाने को, याद तो आती है सबकी पर, अभी 4 साल हैं घर वापस जाने को, अभी 4 साल हैं नए दोस्त बनाने को...

हर लड़के की हसरत अपने एक रूम की, लेकिन लिया P.G. घर वालों को चुप कराने को, अब तो कुक की वही वाली दाल, और रूममेट की हरकतें ही बहुत है हमें गुस्सा चढ़ाने को, अभी 4 साल हैं कुक की वही रूखी सुखी खाने को, अभी 4 साल हैं उस रूममेट को कटी जली सुनाने को...

हाँ वो पहली नज़र का प्यार, नज़रअंदाज़ किया शायद, डरते थे जताने को, ना जाने कब देखते ही देखते, इश्क़ हो गया उससे दिल लगाने को, अभी 3 साल हैं उसे बताने को, अभी 3 साल हैं उसे पटाने को... मिले जो क्लासमेट हुई दोस्ती, उनको यार बनाने को, पलों की मोहताज़ दोस्ती में हुई अन-बन बनी दुश्मनी आसान राहों को मुश्किल बनाने को,

अभी 3 साल हैं उस दोस्ती पर लुट जाने को,
अभी 3 साल हैं उस दुश्मनी में Ego दिखाने को ...
हर रोज़ कॉलेज जाना किसी को बर्दाश्त नहीं,
तो हो ही जाए आज mass bunk अपनी unity
दिखाने को,
टेंशन ना लेना, जो टॉपिक स्किप हो जाए तो खुद कर लेना
उसे और यह सोचना,
अभी 2 साल हैं लेक्चर लगाने को,
अभी 2 साल हैं कॉलेज जाने को...
खाली-खाली सी इस student life में क्यों
ना कुछ रोमांचक हो जाए,
जवान दिलों की धड़कने बढ़ाने को,
अभी 2 साल और हैं पार्टी मनाने को,
अभी दो साल हैं D.J. पर लोट-पोट हो जाने को...



कर ली छुट्टी फिर हमने कह कर दोस्त को कुछ जुगाड़ लगाने को, पकड़ा टीचर ने उसको कहा-" 5 साल का EXPERIENCE है", तुम्हे मैं ही मिला था बुद्धू बनाने को, अभी 2 साल हैं Proxy लगाने को, अभी 2 साल हैं उस टीचर को मनाने को...

सर, मैडम ... बहुत बोल लिया seniors को respect दीखाने को, अब लेते हैं intro जूनियर्स की और कर देते हैं हेल्प उनकी Seniors की अंसनम समझाने को, अभी 1 साल है वो रौब दिखाने को, अभी 1 साल है कालेज छोड़ जाने को... GATE Clear करें या I.E.S. अब घर वालों की इज्ज़त बचाने को, किया था जो वादा तेरे घर वालों से, तेरा हाथ मांगने का, Placement में निकलना है उस वादे को निभाने को, अभी 1 साल है पूरा effort लगाने को,

महिफलों को यूं ही सजाये रखना, के गम बहुत आएंगे तुम्हे रुलाने को, ये 4 साल हैं मुस्कुराने को, ये 4 साल ही बहुत हैं जी जाने को...

अभी 1 साल है कुछ कर जाने को...





NANDITA ECE 2ND YEAR

What you do Defines, who you are And what you get out of life

We all have got that friend, the one who is always talking big, like they are going to start this amazing company, writing an inspiring novel or change the world. In fact, we have one friend probably, who constantly talks about his future plans. The problem, I have noticed, with not all but many of the peers of mine (20 something) is follow through happening now, and successful people know this and are focused on achieving their dreams. It's more than obsession and a passion; it's what they are leaving.

- *Does what you are doing at your day job support your overall goals?
- *Do you have a passion?
- *Are you refining/advancing your skills and knowledge of something daily?
- *Do you know exactly what you want in life?

These are all big questions but I guarantee you that successful, motivated and passionate people not only answered yes to all of them, but they even knew what and why as well without much thought. If you didn't answer yes to all of these, it may be a day to rethink about your life. If you haven't found it yet, that incredible spark and excitement for life, here is the reality. It isn't going to randomly happen or fall into your lap. It isn't the result of lot of money nor is it a chance of circumstance. It is the result of freeing yourself mentally and engaging your intellect. It is result of breaking away from your peers and delving deeply into a niche. It is a result of an internal drive that is unstoppable.

How to find a passion?

There are so many engaging, interesting and ultimately fulfilling things to spend your free time doing. The question is how can you not find a passion? Once you have found it, it's amazing and no one can stay away from your thoughts. When you know exactly what you want in life and what really drives you and you will never again be bored. People who spend their free time engaged in a passion are happier, more creative and more dynamic in nature than those who spend their time as vapid entertainment popculture. Getting sucked into waste of time (in my opinion) leaves smart people unfulfilled.

It is essentially fast food for your brain-small amount once in a while, but I can't understand how people live off it. Do you come home from work and simply fall down in front of your TV, cell phones, laptops where you spend time until you sleep? If answer is yes, perhaps you should consider living life yourself instead of your proxy. You are going to wake up one morning regretting how you spent your limited time in existence. To waste it is, I think to give up your ultimate time. It is for everyone who is living life of proxy and for those who have not found passion and embraced your truce, creature self. It is not too late, you can do it. START TODAY.



SUMEDHA SINGH ECE 2ND YEAR

A Hymm to humm along...

It's cold...biting cold, the world is waiting for the New Year and so are we.

"Seema guess what...your daughter's a singer too", exclaims my grandpa (i call him nanu, as most of you probably do!)...

Holy crap...how did he know?...

"I don't sing...i just humm", i retaliate but alas before i could say something...

"Why don't you sing for us"... comes a suggestion from one of our guests and an old friend of nanu...

The above is an excerpt from my dairy... the date being 31st December, 2005, i was a kid then and quite different from what i am now. Leave apart singing... even the thought of introducing myself in front of a bunch of guests haunted me to nightmares. I was shy and cranky sort of a kid then. A bit too conscious about my outlook...and dressed under the fabric of antiquates and sobriety...here was me...a kid, probably 10...who loved to sing...Only on the condition of privacy being validated!

Oh i forgot to introduce nanu... meet *Rtd.Lt Col R.L. Dogra*. About him...he has a certain charm in himself that draws people all around. Call him strong willed, call him stubborn...he doesn't care...he is clear of what he wants and will do every bit of his part to make it happen. You like it or not...it's completely your own business...He doesn't bother anyway!

So now that he had already announced he had a singer under the roof...the singer had no choice but to say yess...here i am!

"But i never sang in front of so manythey'd laugh...please ...i can't"...i protested...with tears rolling down my eyes....yeaaa i kinda started to cry...

There was an awkward silence...and suddenly i saw my mom giving me that intense death stare... why..???What did i do?? Oh yup...i spoilt the party mood...maybe i guess...

With the guilt gushing in and my face turning pale out of shame...i suddenly felt a pat on my head...it was nanu..."she sings better than me...how about we both sing together ..." naanu said..

Still hesitant...i nodded slightly, but knew he won't give up anyway...so the nod was taken as a yess.

This evening marks the oldest memory of me singing in front of people rather than my own self... although the song wasn't a perfect one but the appreciation i got as a child then, was enough to give a push to my love for singing. After this event, every party or gettogether meant a minitalent show for me...

Each time i performed... my confidence level cringed a step higher...slowly. The fear of people laughing at me faded ... now i no longer wore the drape of self-esteem. A new 'me' was born...and this new one being completely expressive and vocal. She didn't fear staring eyes instead learnt to stare back at them. Nanu gave me homework...no, not the study job...my homework included trying new songs...practicing them and then preparing them for the next gathering to take place.

All this happened because he once caught me singing to myself and then suddenly shrieking away upon the realisation of being caught. He backed me up at a point no one else did. Had it not been him... i bet you wouldn't have been reading this article...

Today i am Sumedha Singh... an average college going girl who sings, who jumps, who does whatever the heck she wants...! This is the same me... still a bit awkward to deal with...everything's the same except the get together we once had. Nanu passed away on **Sept. the16**th last year after a short lived battle with cancer.

He too did the heck he wanted...doctors said he had developed cancer a year or two ago...but the symptoms never showed up...because he was too busy living that the thought of dying never showed

And Now that he's gone... his essence still dawns in me...

"It's not what they think, makes of you...

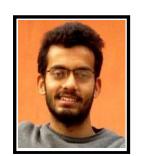
It is what you decide to make out of yourself"



SACHIN SEHGAL TEXTILE 3RD YEAR

NIKHIL

TEXTILE 3RD YEAR



माँ-बाप

आहिस्ता चल

ज़िन्दगी में मैंने क्या खोया और पाया कभी मैं हंसा तो कभी बहुत रोया

मतलब के जो साथी बने जो थे मेरे अपने

जब भी ज़रूरत पड़ी किसी कंधे की मुझे तो देख लोगों का दोगलापन मैं तनहा सोया

क्यों मुझे धुतकारा मेरे अपनों ने इस तरह ये सोच कर मैंने दिल को आंसुओं से जलाया

माँ-बाप की लेकर चलता हूँ राहगीर हूँ राहों की परवाह कहाँ करता हूँ जहाँ भी रहूँगा लौट कर आऊंगा हर रोज़ कल क्या होगा उसकी चिता कहाँ करता हूँ मंज़िलों तक जाने का साथ दिया जिन्होंने बेटा शुक्र अदा करता हूँ

रब से है दुआ ऐसे ही माँ बाप मिले सबको

उनकी सेवा करे सब यही फ़रियाद करता हूँ

आहिस्ता चल जिंदगी, अभी कई कर्ज चुकाना बाकी है कुछ दर्द मिटाना बाकी है कुछ फर्ज निभाना बाकी है

रफ़्तार में तेरे चलने से कुछ रूठ गए कुछ छूट गए रूठों को मनाना बाकी है रोतों को हँसाना बाकी है

कुछ रिश्ते बनकर, टूट गए कुछ जुड़ते -जुड़ते छूट गए उन टूटे -छूटे रिश्तों के ज़ख्मों को मिटाना बाकी है

> कुछ हसरतें अभी अधूरी हैं कुछ काम भी और जरूरी हैं जीवन की उलझ पहेली को पूरा सुलझाना बाकी है

जब साँसों को थम जाना है
फिर क्या खोना, क्या पाना है
पर मन के जिद्दी बच्चे को
यह बात बताना बाकी है

आहिस्ता चल जिंदगी, अभी कई कर्ज़ चुकाना बाकी है. कुछ दर्द मिटाना बाकी है कुछ फर्ज़ निभाना बाकी है!



DRISHTI AWASTHI MECHANICAL 3RD YEAR

INNOCENCE

*Diary entry [12 November, 2013]

Today I had a fight with my mom, Again. Not like a big fight but one of the small ones, which we usually have. There is a difference, you know. The reason: Generation Gap. She thinks she knows everything better and here I am proving her wrong every time. I study in an ordinary school here in a small town. I am a 7th class student and trust me there is a hell lot of pressure now, to race and to compete. But I don't study; I want to take arts and have fun in life, but small town people accept you as only as a Doctor or an Engineer. May be, they think that these are the only things which exist. Anyways, I still have time to convince my mother otherwise...

*Diary entry [16 November, 2013]

There is a house next to ours which had been empty for the past 2 years. I heard my mom saying that some people will be coming to see the house. I really hope we get new neighbours. Last time we had neighbours, they were very bad people. They used to abuse and fight with my mom, but I don't know why? They had negative vibes; they used to make my mom cry. If my dad was around he wouldn't have let that happen. Mom says that my dad died when I was just a year old, and then my mom got a job here. We moved to this place. I don't have any siblings and no one to play with. I feel lonely here but I will always support my mom.

*Diary entry [19 November, 2013]

2 days ago our new neighbours came. This seems a very happy family. People who have their houses far off came to greet them and welcome them to this new place but we didn't go. I don't know why. When I asked my mom, she told me to go to my room and keep quite. Maybe this is the reason we don't get socially active. She just doesn't want to meet anyone. I don't know what goes inside her head. I really hate her sometimes.

*Diary entry [21 November, 2013]

Our neighbours have two children. Today, as I was looking through the window, they invited me to play with them. We had so much fun. While my mom was in her office, I also went to their home. Their home is very pretty. It is the same like ours, a single story house with one bedroom and a small room, a small kitchen and a bathroom. But since they had cleaned it up properly and everything was well organized, it looked nice. Their home was something, our home can never be. They offered me snacks and cold drink. They are generally nice people. I don't know what my mom is scared about.

Diary entry [23 November, 2013]

Today I told my mother about how I play with Harsh and Garima from next door everyday nowadays and also that I go to their house more often. She got so angry; she slapped me today and shouted at me. My mother had never done this to me. I cried almost for 2 hours but she didn't come to me. I called my grandmother and told her everything. She has promised that she will come as soon as possible and will scold my mother too.

*Diary entry [25 November, 2013]

Today my grandmother came to our home and I told her everything. She scolded my mom. I gave her my diary also, so she knows that I am telling the truth. She asked me not write diary entries until I am eighteen years or older. So, this is my last diary entry for now and I will write again when I am eighteen.:)

Hove my grandmother.

Diary entry [26 November, 2013]

Dear Rani,

You are too young to understand why I behave like this to you. Your grandmother knows it all but you, my little girl, you are not ready for anything that happens in the outside world. I behave this way because I am concerned about you. After your dad it was very difficult for me to fill the void he left. I have read your dairy. I know you miss him. I miss him too. You are too little to know the truth about your life. Fine, from today onwards I will not restrict you from anything but when you will be eighteen and will open this diary you will know that the neighbours you see from your window are your dad and his new family.

Love Mom.



RAVI RAJ
TEXTILE 3RD YEAR

तेज़ाब का कसूर

जलाना मेरा कर्म है, पर दृष्टिकोण नही, मेरे दुरूपयोग में मेरा कोई खोट नही।

मैं तो सिंदयों से घरों, कारखानों, नालियों से गंदगी हटाता आ रहा हूँ, मैंने कब चाहा था की किसी कोमलांगी को झुलसाना, उसको भीषण पीड़ा पहुचाना ।

यह तो तूने सोचा ऐ मानव, मानवता से यूँ गिर जाना, किसी सजीव प्राणवान का जीवन, मृत्यु से भी दोयम बनाना; उसे जो तुम न पा सके, तो उसे जीने के नाकाबिल बनाना; उसकी उधड़ी भयावह चमड़ी पर, अपने अहं की मुहर लगाना। अब मुझपर लग गया जो प्रतिबन्ध, मैं खुद को अपराधबोध में पाता हूँ; दल चाहता है खुद को कहीं छुपा लूँ, मिटा लूं खुद को या खुद पर ही तेज़ाब गिरा लूं। क्या करूं ये तो हो नहीं सकता, पर क्या मनुष्य खुद को नहीं बदल सकता?

ऐ मनुष्य तुम्हारा स्पर्श तो जादू का असर रखता है, बहते हुए आंसू को मुस्कान में बदलने का हूनर रखता है; तो मेरी ये विनती है तुमसे, तुम इंसानो से अच्छा ही बर्ताव करो, और मेरे साथ भी इन्साफ करो।





AMBIKA SHARMA ECE 3RD YEAR

RITIK GULERIA ECE 3RD YEAR



SOME MORE

You had that beautiful smile, when you were a child.
Well! you still are beautiful, with a spark in your eyes.
So, smile some more....

You were a hope of many, light of their dimming house.
Well! you still are their lantern, brightest star of the their sky.
So,shine some more....

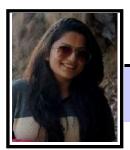
They gave their lives, to make a life of yours. Well! they still count on you, believe in what you are. So, try some more....

Their frames lie hanging on the wall,
People who once stood young
and tall.

Well! you still are living, breathing this moment in.
So,be alive some more...

गर्मी में बादल सा

गर्मी मे बादल सा, चेहरा है सावन सा; देख के उसको जाने क्या होता है, अपना ही है पर अंजाना सा लगता है ; चेहरा है धुन्दला सा, सामने वो आती नहीं, पर तलाशूँ भी तो कहाँ, दूर मुझसे जाती नहीं ; दिल की खामोशियों मे सुनता हूँ आवाजें उनकी, पर कभी वो मुझे पास बुलाती नहीं; कहने को तो है वो चैन मेरा पर सोने मुझे वो देती नहीं ।। कभी मिले तो पूछूँ भी उसे, क्यूँ तू कुछ कहती नहीं; चुप सी रहती है, बात मेरी भी सुनती नहीं; पर जो भी है मकसद है एक गुमनाम सा, उसको पाने का बस इरादा है फौलाद सा: देख के उसको ना जाने क्या हो जाता है. खुद को भूल कर हो जाता हूँ उसका ही, दिल मे अपने मैं उसका अक्ष देखता हूँ, गर्मी मैं बादल सा, जो चेहरा है सावन सा ।।



MANVI SHARMA CIVIL FINAL YEAR

WHY?

Why she's bound to leave

Not just the homes but the hearts that beat

For her and her togetherness

From years ago, she went on her feet..

Why she's bound to forget

The moments of her childhood past

The happiness, joys, sorrows n regrets

Spent with her siblings, with all her heart...

Why she's bound to leave behind

The parents who taught her lessons

The scoldings, the love, the sacrifice

And the countless feelings she felt inside...

Why she's bound to move ahead?

To a new place with nothing as back

Leaving her true self aside

From the cage, she never had to open to fly...



NITESH THAKUR ECE 3RD YEAR

THINK AND WONDER

In this poem there are only two characters, a man and a lady. Put yourself in the situation, be mindful and think about the situation

A woman was waiting at an airport one night, With several long hours before her flight. She hunted for a book in the airport shops. Bought a bag of cookies and found a place to drop. She was engrossed in her book but happened to see, That the man sitting beside her, as bold as could be. Grabbed a cookie or two from the bag in between, Which she tried to ignore to avoid a scene. So she munched the cookies and watched the clock, As the gutsy cookie thief diminished her stock. She was getting more irritated as the minutes ticked by, Thinking, "If I wasn't so nice, I would blacken his eye." With each cookie she took, he took one too,

With a smile on his face, and a nervous laugh,

He took the last cookie and broke it in half.

He offered her half, as he ate the other,

When only one was left, she wondered what he would do.

She snatched it from him and thouht... oooh, brother.

This guy has some nerve and he's also rude,

Why he didn't even show any gratitude!

She had never known when she had been so galled,

And sighed with relief when her flight was called.

She gathered her belongings and headed to the gate,

Refusing to look back at the thieving ingrate.

She boarded the plane, and sank in her seat,

Then she sought her book, which was almost complete.

As she reached in her baggage, she gasped with surprise,

There was her bag of cookies, in front of her eyes.

If mine are here, she moaned in despair,

The others were his, and he tried to share.

Too late to apologize, she realized with grief,

That she was the rude one, the ingrate, the thief.

LESSON:

<u>Things are not always as they appear</u>- Even our most deeply held beliefs can be wrong. It's up to us to keep an open mind. Most people actually have a good reason to do the things they do, yet we often just attribute their actions to their nature. In fact, this is so common that psychologists call it the fundamental attribution error.

So where were you? Whose side were you on while reading this poem?



SAHIL VATSAL

TEXTILE 3RD YEAR

The Mountain And The Squirrel

The mountain and the squirrel

Had a quarrel,

And the mountain calls the squirrel

"A little creation on Earth"

Gentle reply of squirrel stunned the

mountain

"Whispers the squirrel"

You stand still and I can give more curls

Faster I am

Not in continuous position

And I think no guilty to occupy my position...

Talents differ,

All is well and wisely put by god

If I can't carry a forest on my back

Neither can you crack a nut...

I run like a bullet of gun

And you always bask in the sun

No one is big, no one is small

God has made us all different one!

COLLEGE &CTIVITIES

- ⇒ NSS
- ⇒ RED CROSS FAIR
- ⇒ PLANTATION DRIVE
- ⇒ SWACHH BHARAT

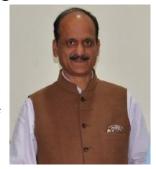
 ABHIYAN
- ⇒ AN EXPERIMENT ON SOCIAL EVIL: WHO CARES?
- ⇒ APTITUDE OF JNGEC
 @ EXODIA 2K15

THIS SECTION IS A PRESENTATION OF COLLEGE ACTIVITIES BY THE TEAM MEMBERS OF REFLEXIA 2K16

INTERVIEW OF DIRECTOR

Team Reflexia: Sir how has your journey as a teacher been so far?

Reply: I started my career as a lecturer in 1988. During this 27 years journey, I have learnt a lot from Senior Professors and their life experiences. Teaching is my passion and it gives me immense satisfaction. After being at NIT H for many years, I got a chance to work at Atal Bihari Vajpayee Government Institute of engineering and technology as a Director. It was a different experience there. Simultaneously, then I got a chance to be the director of J.N.G.E.C. At J.N.G.E.C, I got a chance to interact with more new students. A lot has to be done in the



field of teaching, research, cultural and sports activities. Students are excellent, faculty is good. But the priority always remains the quality of students and faculty.

Team Reflexia: Who and what inspired you to opt teaching as a career?

Reply: My inspiration is my beloved father. He was a great teacher. I find myself less efficient than him and I am striving to reach at a level that he achieved as a teacher. I am still learning and have learnt many things from him.

Team Reflexia: How do you find life at J.N.G.E.C. different from that at NIT H?

Reply: J.N.G.E.C, unlike NIT H is not a residential institute. Due to this, students face a lot of obstacles like gathering easily for cultural and technical activities in the campus at any time, etc. We are putting in efforts to overcome such problems at J.N.G.E.C. and are trying to provide the best to students.

Team Reflexia: As a principal of this college, what are the challenges that you face?

Reply: In a state engineering college, there're many decision making bodies. There is no single or final authority. For example, hostels; execution of the work is done by PWD. We don't have any say in this. We have money but we don't find appropriate channels to utilize it. Also, we lack senior faculty. Senior faculty can provide guidance to students and faculty, and then we can compete with the premiere institutes. Our recruitment process is based on commission test conducted by state government and this is one reason why there is a lack of senior faculty in our college.

Team Reflexia: According to you, what are the problems that students face these days?

Reply: Students, these days find it hard to decide their career path. Students have to believe in their potential. Instead of exploring a creative aspect of their career, they are getting trapped in money making and comfortable jobs. We need to provide extensive exposure to students so that they can identify and utilize their caliber.

Team Reflexia: What is your mantra for life?

Reply: I believe that there is no shortcut to success. You have to set a goal, it has to be an exceptional one so that the challenge becomes an inspiration for you to work hard. Be diligent, punctual and utilize your strengths to achieve success.

Team Reflexia: What is your message for students?

Reply: We need to develop a culture for J.N.G.E.C. A cohesive group and a social circle should be formed so that we come united and strong.

NSS

National service scheme is under the Ministry of Youth Affairs and Sports, Government of India. The scheme was launched on 100th birth anniversary of Mahatma Gandhi in 1969. Its prime focus is on the personality development of students. NSS has more than 3.2 million student volunteers on its roll spread over 298 Universities, councils and vocational educational institutes. In 1958, Jawaharlal Nehru considered idea of social service and directed for the introduction of NSS in institutions.

The motto of NSS is "NOT ME BUT YOU". Its symbol is "wheel" of Konark Sun Temple, it portrays the cycle of creation, preservation and release. Eight bars in wheel represent the 24 hours of a day. The red color indicates that volunteer is full of young blood and is energetic.

Our college is one of the active participants of NSS programs. NSS Chairman Dr. P.C Chopra and other members take a charge of every activity organized under this scheme. All the teachers and students under NSS club work with full enthusiasm for making the event good as a whole.

They actively participate and encourage other students in the college to work for the betterment of society. In this way, students get a chance to be involved in extra activities in the college campus and moves with a positive attitude for helping the mankind.





College has organized various camps under NSS club in which students energetically participated. In such activities teachers and students are involved so that they should know their social responsibilities. It helps in developing democratic attitude and acquiring leadership quality. It is having the qualitative and quantitative point of approach.

Plantation drive: In this event the 'go green' motto and planting more and more trees for maintaining the ecological balance in the nature is followed and everyone from our college participated actively.

Cleanliness: Contributing to the nationwide mass movement Swachh Bharat Abhiyan, teachers and students actively volunteered a cleanliness drive. It was organized at different places. At first, the surrounding area of our college was cleaned. This cleanliness drive was not only limited to clean the college but rather it was extended to clean the famous lake of Sundernagar.

Blood Donation: Students above 18 years from college donated blood for the blood bank. Blood donation camps was organized so that at time of emergency the life of people could be saved. After donating blood, the students were given with refreshments.



Teaching Scheme: Students of NSS club went to train the physically challenged girls of Vishesh yukta Kendra, Sundernagar. Students from our college interestingly went to motivate, guide, and inspire the girls to live life with confidence.

Management activities: Students under the NSS unit went to volunteer the local festival of Mandi, Nalwar Mela. In this bullocks were sold to one another by the villagers and students helped to manage the accounts of the dealers.

Slum visit: Students went to slum area near the Sundernagar new bus stand to estimate the problems faced by the people of slum. This helped them to give a thought to work for nation development and how their problems could be solved. Clothes also donated clothes to the people living in the slum. This spread the new hope for living.

Samta diwas in which the motivational speech on "NSS and its utility amongst the students" was given by the Former Member, NSS Advisory Council. Students from our college also represented a case study on Women Education. In India, it is important to guide people to treat the women equally and to educate them.

These were the several programs in which teachers and students under NSS club came forward to actively participate. This helps to promote the unity among student, "unity starts from you, if not you. Then who." To use their manpower for the better of surrounding and for a good future.

Education is not the amount of information that is put in to your brain and not being digested all your life. But now it demands man making, character making, life building and assimilation of ideas. The main objective of NSS is to understand the community in which we work, needs and problems and involve them in problem solving. To develop among themselves a sense of social and civic responsibilities.

NSS volunteers distribute clothes



NSS volunteers of Jawaharlal Nehru Government Engineering College with slum inhabitants in Sundernagar on Saturday, PHOTO: MAHESH CHANDER SHARMA

OUR CORRESPONDENT

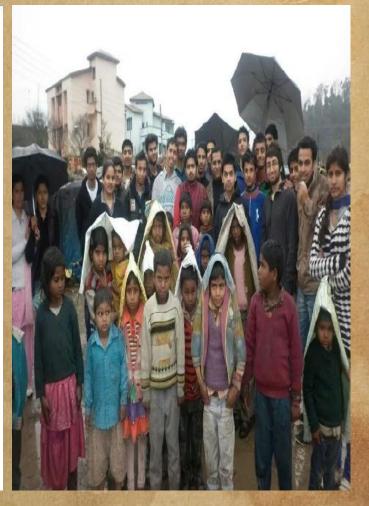
SUNDERNACAR, APRIL 27

Students of the National Service Scheme (NSS) unit of Jawaharlal Nehru Government Engineering College (JNGEC) yesterday distributed clothes to residents of slum areas in the town.

Dr PC Chopra, coordinator of the unit, said a group of National Service Scheme volunteers distributed clothes among 50 inhabitants of slumareas in the first phase. And this type of donation would continue in future, he added.

The unit would soon organise a free dental check-up camp for under-privileged people of slum areas in association with the local Himachal Dental College. It would also launch a tree plantation drive in the vicinity of the college, he said.

RL Sharma, Director, JNGEC, congratulated the National Service Scheme unit and said it was doing a noble work.



Red Cross Fair

The Indian Red Cross society is a voluntary humanitarian organization to protect human life and health. This society came into existence on 7th June, 1920 with the motive of aiding people in disaster and emergencies and promoting health and care of vulnerable people and communities. It has a network of over 700 branches in India including Youth and junior voluntary programs.

Every year Red Cross society organizes a Red Cross fair which serves as an opportunity for non-profit organizations, government agencies, public institutions, foundations benefactors and people of good will to join hands and work for the betterment of society and to develop a better understanding. It helps people to join the community to aid under various circumstances. One such fair was organized on 22nd November, 2015 at Puddle ground, Mandi. Various governmental as well as non-



governmental organizations were present and made people aware about the various health and medical facilities, disaster management techniques, vocational training centers, fund raising etc. Being responsible citizens as well as potential future engineers, it served as a right platform for JNG ECians to showcase their implementations in technology for the betterment of the society. By taking permission from principal, students were present at the fair. Many students took part with great enthusiasm and showcased their best works which were made under the guidance of experienced faculty of college. A Bluetooth controlled robot was presented by the students at the fair. It was a wireless PC controlled robot. The students then explained its merits. It can be used in search operations where it is difficult for a human to reach and locate, rescue trapped person. It can serve as a great tool in rescue operations. Another project that was showcased by students was a gesture controlled wheelchair. This wheelchair uses hand movements to control the motion of wheelchair. For this, accelerometer sensors are used. This wheelchair proves to be a great utility for disabled people. Software which controls cursor through eye movements was also displayed. Students of schools like DAV Mandi organized numerous games and donated it as funds for the organization. The students of IIT Mandi also showed their presence at this fair and presented a lot of ideas for betterment of society. The efforts of students towards the betterment of society were applauded by the people. It was a great learning experience for students for they got to know about problems, present solutions and how to generate possibilities in future. It also gave students the exposure to real time problems and their role in solving these.

PLANTATION DRIVE

"Van Mahotsav" is an annual tree- planting festival. Plantation drive celebrated in the first week of July in every corner of India. It is the initiative towards the "Go Green" motto.

"Vitality for earth, land, environment, health, family and for better future"



It was started by the K.M Munshi, the Union Minister of Agriculture and Food at that time. But began in July 1947 by the national leaders like Dr. Rajendra Prasad and Jawaharlal Nehru.

This festival has gained national importance and every year, millions of saplings are planted all across India.

People celebrate this as festival by planting trees and saplings in homes, offices, school, colleges, etc. In this free distribution of trees are also taken up by the various NGO's and volunteers. The planting of trees provide the production of food resources, provide food for cattle, increased productivity, decorative landscapes and make soil fertile and no soil erosion. Surge is for growing trees to prevent from current issues like global warming and pollution.

Our college was the active participant of this plantation drive. Every student, teachers and office speech on the occasion of the same was given by the Director Prof. L.K Awasthi. Everything was properly arranged by the in charge of this drive.



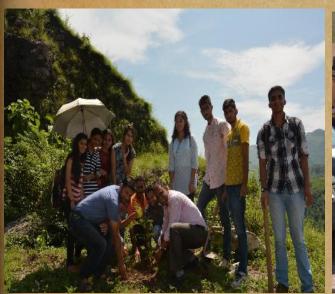


Then the plants to be planted were distributed among everyone present at the venue.

Everyone was poise to plant it with the spark as a crusade to SAVE MOTHER EARTH. Students, teachers and office bearers present were given one plant. Using the equipments everyone at different places of the college from the entrance gate to main gate of the college started planting. It helped in the proper managed activity achievement. Students and teachers worked together towards the

"He who plants a tress plants hope" said by Lucy Larcom.

When our college involve in such activities as informed, guided and supported by the Government of Himachal Pradesh, the land of natures true beauty. This was the proud moment and goal for continues happiness for everyone. We all took it as our moral duty to work hand in hand for the reduction of pollution and to diminish the cause for global issue global warming by planting trees.





Immortal beauty of our paradise is to be saved, plantation is the best way. As the nature is known for its scenic beauty same as active participants beauty was to use their hands for planting. Beauty lies in the deeds you do.

Trees have been serving to humanity since decades. The existence of man, animals would not have been possible without trees and other plants. With continuous human intervention against Nature, disasters like droughts, floods, soil erosion, and landslides occur. An onset live example which come to mind is natural disaster occurred in Uttarakhand caused due to deforestation and other more factors. For this reason such drives to spread awareness about to grow more and more trees are set-up.

Such drive organized in our college aware the youth of our college and teachers, by working together motivated us that it is important and importance of our learning for here and spreading the word to others.

Plantation drive started in the afternoon and we all worked till the end when last plant was planted. Under the Government this vitality started in our college and ended well by giving the refreshments for the healthy minds.

"A nation that destroys its soil destroys itself. Forests are lungs of our land, purifying the air and giving fresh strength to our people"

SWACHH BHARAT ABHIYAN

#My clean India

India is an ancient civilization. It is considered to be a pious nation. People here are very religious and consider cleanliness and piousness to be very important. But the sad reality of our country is that all the cleanliness and piousness is only confined to our own home or any other religious activity. People here are hardly concerned about clean roads, parks, lanes and any other public place. In order to break this mind set of people, our honorable Prime Minister Mr. Narendra Modi launched SWACHH BHARAT ABHIYAN on 2nd October 2014 at Rajghat, New Delhi with an aim to accomplish a vision of "CLEAN INDIA" by 2nd October 2019, 150th birth anniversary of Mahatma Gandhi. This mission has been closely related to Gandhiji as he himself was a strong believer of cleanliness and contributed his entire life to make India a cleaner India, a better India." He often said cleanliness and sanitation are as important as Independence". So to pay a healthy tribute to Gandhiji this mission was started on his birth anniversary and is planned to last for 5 long years, till his 150th birth anniversary.

Swachh Bharat Abhiyan is an important step taken by the Indian government in favor of Indian society. This is a big initiative and it has a huge support of the entire crowd. Initially, Mr. Narendra Modi signed his "NAVRATANS" who would socialize this event on a large scale. These nine people involved: the cricket legend Sachin Tendulkar, the famous comedian Kapil Sharma, honorable Governor of Goa Mridula Sinha, congress law maker Sashi Tharoor, yog guru Baba Ramdev, popular bollywood figures Priyanka Chopra and Salman Khan, and also the entire team of Tarak Mehta Ka Ooltah Chashmah was involved. All these people did their duty to the best of their ability and were successful to take this mission to new heights.





JNGECians CLEANING THE LAKE SIDES OF SUNDERNAGAR LAKE.



The prime objectives of this mission involve:

- 1. Elimination of open defection by constructing toilets for household and communities.
- 2. Eradication of manual scavenging.
- 3. Introduction of modern and scientific municipal solid waste management skills.
- 4. Enabling private sector participation in sanitation sector.
- 5. Last but not the least, a visible change in attitude of people and creating awareness among people.

Swachh Bharat Abhiyan is not about Modi ji or it's not about me or you, it's about us, it's about 1.2 billion people of India who need to strive hard to make India a better place to live in. But the point here arises that how we as students can contribute to make Swachh Bharat Abhiyan a success. We all know that big missions are accomplished by small efforts. And the same holds for this mission too. We all can put in our small efforts like, while walking on streets if we notice any sort of garbage or dirt, we should make sure that instead of ignoring it we pick it up and dispose it off—in a dustbin properly or if—we notice any person littering any place we should go to him and should explain him about his wrong act. Once we start doing all these things, the day is not far when India will be a better place to live in. We can also follow the 3R method i.e. reduce, reuse and recycle to minimize the amount of dirt, and maximize the healthy consumption of resources.

Always remember, each time you refuse to reuse, it's our INDIA you ABUSE. So stop abusing India and start taking steps that will make India a cleaner India, a better India.

AN EXPERIMENT ON SOCIAL EVIL: "WHO CARES"

The structure of Indian society has always been male-dominated. But in this modern era, women have tried to break this shackle of centuries by venturing into maledominated area. Though, we have grown by leaps and bounds, yet the most basic structure of society is showing no signs of improvement.

Eve teasing is a huge issue in almost all the places in India. A large percentages of Indian women have faced or are facing this menace.

In the year 2014, a group of students from JNGEC Sundernagar decided to conduct a social experiment on eve teasing. Under the guidance of Mr. Bharat Kohli, three groups of students were formed. Each group consisted 5 males and 1 female (victim) and they acted for 30 minutes. There was around 30 minute gap between each act. There were two hidden cameras which were placed intentionally to record the response of the trespassers.

The actors were playing their parts very well. People were passing, staring at the group of boys humiliating a lonely girl. But no reaction. Alas! This face of society. Especially, it was a heartbreak to see the women passing by. One woman was not willing to help the other. I was not getting the point behind this helplessness. Was that a selfish behavior or irresponsible nature of our society? Whatever it was ... but yeah it was extremely pathetic!! During the play, a very few people came forward to help that girl. Our youth who is known for its aggressive attitude, were passing as if nothing was happening. The ladies who are known for their motherhood were passing as if that girl was not a part of our society.

Finally some conclusions were drawn up from the experiment and the figures were really distressing. Only 11 out of 142 men who passed by responded and the women who are known for their kind heart ... just 2 out of 70 responded. If we talk in terms of age group then only 3 out of 121 young people came to protect the girl, 8 out of 81 middle aged people raised their voice against this and 2 out of 10 old people came to help.

Figures are in front of us. We can easily see that in which direction our society is going on. Hope, someday the citizens of our nation will come together to fight against this social evil.

'APP' titude of JNGEC @ EXODIA 2K15

Technology, Technology everywhere! In the present scenario, in the terms of mobile phones, it is not wrong to say that we are living in an **android** world. So, we three insane from **JNGEC** decided to develop an android app. There was an event in *IIT Mandi's* tech fest EXODIA 2K15 called 'APPtitude' which was organised by Google Developer Group, Jalandhar. Hence, we got a nice platform to present our app.

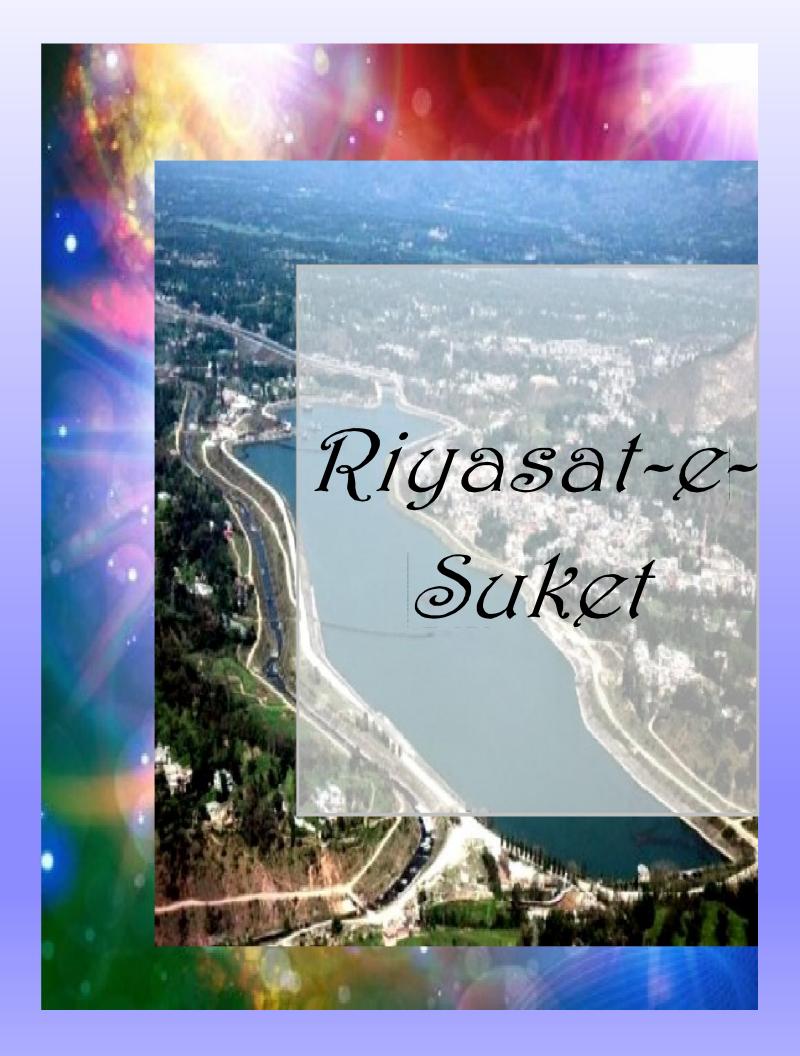
By 30th March, our app named 'SHARE THE SHIT' was completely under the upkeep of our faculty. The help of the faculty in finding up a suitable platform for building android application was unmatchable.

With the permission of our respected principal, we went to EXODIA on 3rd April with tonnes of enthusiasm. This was the first time for all of us to visit *IIT Mandi's* campus.



The moment we entered, the feeling of professionalism was blowing in the campus. On one side, we could see robos competing with each other and on the other, musical bands were performing. Finally, we reached the hall and we found some students of IIT Delhi, IIT Patna, Delhi Technological University (formerly D.C.E.). It was an amazing feeling to share the platform with them and discuss with them about the app. The presentations were given by both online (via. Hangout) and offline modes. Students from Hyderabad, Guwahati etc. had joined through online modes. The judging panel was consisting of officials from Google Developer Group. And soon, the presentations began. "Dude, see the extent up to which people can think" we were thinking every time when any presentation was going on. Just before lunch, it was the time for our presentation, a blend of nervousness and excitement was flowing through us. Finally, we went to the podium and delivered our presentation. We were counter questioned by the judges. After 10 minutes our presentation was over and we had a sigh of relief. Then we moved towards lunch as the lunch time had just began. Lunch was organised by Dominos and it is needless to say that it was rejuvenating one. After the lunch time, rest of the presentations were delivered. Then arrived the most dangerous time i.e. Result time. Top five teams were supposed to be given free internship opportunity with Spiderlabs, Gurgaon. Nervousness made us to shiver. After a discussion of around 15 minutes, judging panel was back with the results. Team ELECTRONS from JNGEC was in top five. Yeah!! Proud and overwhelming feeling it was. We were filled with a sensation of joy and triumph.

This experience was full of learning and exposure. It was amazing to meet intelligent minds and sharing new ideas. Day spent in EXODIA 2K15, was truly a day worth spent.



Congregation of the Faithful – The Shivratri Festival of Mandi TARUN GOEL

EX-FACULTY

The International Shivratri Festival of Mandi is unarguably the biggest festival of the region, which made its way into the mainstream in the year 1527 A.D. And since then it has become that one event for which everybody waits impatiently.

The faith in the deities can be explored through the sights, sounds, and liveliness of the Shivratri Festival. The fashioning of traditional palanquins and the Grand Procession of the Deities (Called Jaleb) is an awe-inspiring experience for the faithful as well as non-believers.

However, to see the Shivratri festival, or for that matter any traditional festival of Himachal, from a religious perspective would be entirely wrong.

These festival always attracted the traders from the far off lands of Ladakh, and Hoshiarpur planes in Punjab since its inception. So its just not the congregation of the faithful but much more than that.



WELCOMING THE KING-RAJA MADHAVRAI

Assignment of Kingdom to Madho Rai

Madho Rai or Madhav is one of the many names of Sri Krishna. In the year 1648 A.D., the energy of the Kingdom, Raja Surya Sen assigned his kingdom to Lord Krishna. Garya Sen, father to 18 sons saw all his kids dying in his lifetime, which prompted him to assign his kingdom to someone who was beyond life and death, and time.

The Kingdom was then handed over to a silver idol of Lord Krishna and thus came the system of Theocratic Kingdom of Mandi.

Surya Sen, lord of the Earth and destroyer of his rivals, had this blameless image of the blessed discuss bearer and master (guru) of all the gods, the illustrious Madho Rai made by Bhima, the goldsmith in the year 1705, on Thursday the 15th Phagan. – Gazetteer of the Mandi State, 1920

And thus the King handed over his Kingdom to the Supreme King.

There are many other stories associated with the festival of Shivratri.





MADHORAI, RAJA MANDI SHIVRATRI

OBEISANCE TO THE KING

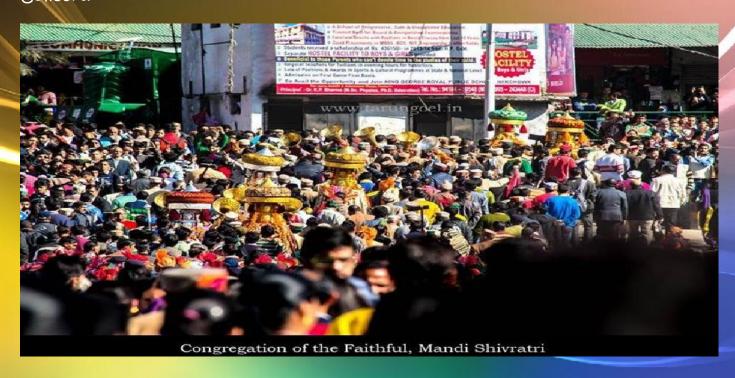
Jaleb-the Procession of the Nobles

So invitations are sent to all the deities of the region, and the numbers vary somewhere between 200-220. In the year 2015, 190 deities have marked their presence in front of Raja Madho Rai.

Dev Kamrunag is the Presiding Deity of the Shivratri Festival and he is the first one to pay homage to the King. The remaining deities line up in front of the King to pay their homage. Once the meeting ceremony is over, the entire procession marches its way to pay obeisance to the Lord of the Lords, Mahadev Shiva at the Bhootnath Temple. From Bhootnath, the procession marches to the paddal Ground where all the deities line up.

Imagine the congregation of 190 deities from across the region. A sight to behold!

This procession of the nobles, accompanied by their priests, musicians, and the believers is what we call the Jaleb. The first and the last Jaleb are nothing less than a grand Rock Concert.



The Rain God, Kamru Devta stays all the while atop the Tarna Temple and keeps his vigil.

A group of six Godessess follow the tradition of not moving out of the Raj Madho Temple and stay within the temple premises throughout the festival. It is believed that they are the Queens of the Emperor. Their palanquins are covered and only the priest or someone from the family of the Royal Lineage is allowed to see them.

These six goddesses are Baglamukhi, Budhi Bhairava, Rupeshwari Devi, Bushai Devi, Budhi Bhairava, and Kashmiri Mata. I am not sure about the location of their original temples but they all are clustered between Mandi and Pandoh on the either side of River Beas.





JALEB, MANDI SHIVRATRI

Participating Deities in the Festival

I have been told that there are 190 deities participating in the Shivratri Festival in 2015. You may want to read about some of the deities and their beautiful temples.

Aadi Branma, Tihri Uttarsal

Dev Kamrunag, Chachyot

Magru Mahadev, Chhatri

Shukdev Rishi, Thatta

Dev Hurang Narayan, Chuhar Valley





Changes Over Time

This festival, like many other things in life, has seen quite a few changes. Manydevtas abandoned the festival because of their differences with the local administration. Sometimes, it was a matter of appropriation.

But the biggest change that this festival has seen is abandoning the system of animal sacrifice, ordered by the High Court of Himachal Pradesh. This is going to be the first Shivratri in almost 350 years when no animal will be sacrificed on the altar of faith.

Same thing happened at the Kullu Dusshehra Festival this year. Even the Devta Sansad decided to honour the decision of the High Court. At the same time, a review petition has been filed in the High Court.

Meanwhile, today is the third day of the festival and its been the worst rain hit festival of my life. Today it rained for more than 10 hours and next three days are going to be very difficult for the management.

Dev Kamru, the rain God, is believed to be angry over the animal sacrifice being banned. The joyous spirit of Shivratri is surely gloomy this year. Whatever lies in the future, lesser mortals like me do not know.

For good or bad, only time will tell.



Prayers of the Faithful

Mandi Shivratri



PLIGHT DUE TO NATION'S PRIDE

VIKRANT GULERIA CIVIL 3RD YEAR

Everyone passing through NH-21 in Sundernagar gets a view of a Beautiful lake that lies at the heart of the town and is blessed with cool breeze with a panoramic view overlooking the mighty Himalayas. I guess, every teenager of Sundernagar town has his/her photograph clicked at this lake. In fact, the lake is a major attraction to the people of Sundernagar and for the tourists also. Many people come here in the evening for a walk, a hangout or just to get filled with seemingly calm and serene waters of the lake.

Everything looks rosy when we go to this lake but there is a bitter truth that this lake symbolizes. The construction of this lake and BBMB project led to huge acquisition of land of the local people of that area due to which they have undergone a lot of pain during the re-settlement process. Although Sundernagar owes a lot to BBMB and yes; it was BSL which brought Sundernagar to its present glory but there lie cries of many people who were moved out from Ropa Village and were allotted less land as compared to their original land.



Ropa was a very fertile land where the people used to cultivate vegetables for the proper sustenance of the families. % families of village Ropa whose land was acquired for BSL project were re-habilitated in CHANGER forest area but the allotted area proved to be a tough terrain for the people to live. I have talked to people who belong to the out sees and I felt that the pain is still there. They have urged govt. several times for the resettlement problem and issues related with it but nothing much has happened till now. Most of the people of CHANGER area are now living a prosperous life just because of their hard work but the pain is still there in their hearts.

In various projects of our country like Pong dam, Sardar Sarovar Dam etc., local people met with the same fate or sometimes worse than this case due to construction of huge projects which are sometimes referred to as 'NATION's PRIDE' but do these out sees really consider these projects as a symbol of pride? Should a democratic Nation like India be developed like this where the voices of its citizens are trampled down in the name of development?

I believe, no one is against the development but the scope of development should not be limited to few people only, it should cover all those people also who were made deprived of their land and these people must be re-habilitated with best measures without any laxity on the part of govt. so that they can also feel proud that they have contributed their bit in nation's development.





Refreshing Break!

"Let's burn our boring schedule tonight, as flickering flames ascend, under the witness of star-cloud",

As we all were fed up from our daily routine, so a refreshing break was what we required. However, in the morning the sound of thunder woke us up and perhaps in the petite hope we no more remained fervent. But for some of us it was "now or never" because if you linger over a plan then sooner or later it adds up to the list "THINGS I SHOULD HAVE DONE BUT FAILED TO" so we gave no second thought, hit the road and that niggling idea just turned to be impeccable.



TRIWARA!

Holidays were approaching. They had an inkling that they'd go somewhere; where?? They had no idea. Amidst all this, they got an idea and that too the night before their departure. They went to the queen of hills. Just after reaching there, search for the one night abode started, finally it was found. They threw their backpacks on the bed and went out to explore. The first destination stop was some palace like place + there, the fun began; pictures, pictures and many more pictures!!! The next stop was "The state Museum"; "Oh no! It's already 5:00 pm and the closing time is 5:15". Fifteen minutes didn't seem enough for exploring but this didn't dismay them and bang! Those 15 minutes then seemed to be enough for them than it had ever been; fascination, fascination and much fascination!!! Walking on the road, tapping feet while dancing merrily, singing loudly and what not? Laughs, laughs and more laughs!!! Search for the food began, they found that one perfect place, ate to their full, found something to play with; Craziness, Craziness and additional craziness!!! (Inder the moonlight, they strolled on The Ridge and Bazinga! They defeated an evil; contentment, contentment, and supplementary contentment!!! Morning awaited amazements, they travelled in the train, one of its kind. Tara Devi station arrived, the girls decided to hike and that too all of a sudden. They met a stranger who tried to fool them but poor stranger had no idea about how clever the girls were Ha! Ha! Ha!; The trek was awesome and so were the girls. The journey back to home was about to begin. The girls recalled all the incredible moments spent together only to find that they mistakenly went to the trek opposite to what they were suggested. Only one thing came in their minds; "The beautifuljourneys are always unplanned"...

I Is iblim



TWO LOST ONES!

My friends and I visited Prashar Lake about a month ago. We were ten friends; ready to enjoy every moment of our journey but unfortunately, we lost two of our friends on our way back. Rajesh and Neeraj went missing! We all became tensed after reaching where we were supposed to gather. We thought they might be coming down but after waiting for three hours, our patience lost its way leaving us stressed. One of my friends and I decided to go and search them. We decided to take a red jacket with us so that we could wave that red jacket as a sign to tell other people that we had found them. We searched everywhere we could but were unable to find them. It was the time when we at once saw both of them taking pictures near a mountain. We scolded them but at the same time felt relieved to find them back. We waved our red jacket to show everyone that the two lost ones were found!





A Surprise Extension Of Tour! To go out with friends is always a delightful and fascinating experience. We 15 from our class planned to visit a place called Devidarh nearly 40 km from Sundernagar. This was a single day trip and we were supposed to return till evening. The beauty of that place Clamped us to itself and we were just enjoying the nature. When it was time to return back, there was no transportation facility available. We all became anxious and started thinking about what to do next at a place that was completely new and unknown for all of us. Then suddenly a thought originated in our minds...why don't we all stay back there and spend the night in the wild! Within few seconds we were filled with exhilaration and finalised to stay there. We lighted camp fire, shared few horror stories and many more gossips. This was one of the paramount and most astounding experiences we were ever going to witness in our whole life.

MESSAGES FROM ALUMNI

It is a request to please start making small committees in the college which adhere to the specific needs of particular domains just like we have a placement committee like in my current college, we have I.A.S committee where people who want to be civil servants meet every week and discuss about the best newspaper, the best article, constitutional provisions on various issues, etc. Whatever you want to do in life just remember "if it is important to you, you will find a way, otherwise, you will find an excuse." .



Vivek Sharma

M.Tech (CE), NIT Surathkal



Govind Sharma

TA at CPDM,
(Student) IISC Bangalore

First of all, warm congratulations on completion of 10 years of the college and really it is an honor for us to be its part. I feel very glad to tell you that the students who studied from JNGEC have reached to a particular point of success and I wish that students will keep on this legacy with their hard work and smartness. I always appreciate that the events like Decibel, TWASK and sports etc. add up a lot to the capabilities of a students. One thing I wonder and feel that students of JNGEC have enough potential to achieve any goal and at the same time can compete with students from IITs and NITs and I am happy to admit it. I wish best of luck to all the students for better and prosperous future.

"Identifying the true worth of one's current possessions is the deciding factor towards realizing one's vision". I congratulate the JNGEC family as we enter the 10th year since its establishment. JNGEC has evolved over time and today it stands proud in the world of academia. JNGEC has inspired many lives and if aevery student decides to give back a small part to this institute then there will be a difference and it will be felt across the globe.



Ashish Kapoor, PhD Fellow at North Carolina State University (U.S.)

Learn to make time for fun as well as for your studies. Don't let studies come in the way of having fun but don't let fun come in the way of studies too. Keep a healthy balance because at the end, none of the late night parties are going to get you a job. Knowing your subjects well would. You are going to live a good and long life filled with great and terrible moments that you can not even imagine yet. I hope this would help.



Manmohan Thakur Dubai, UAE



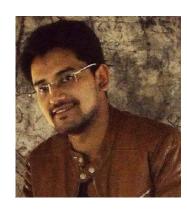
Neha Patial P.O. (SBI)

Hello jungoos! I just want to convey that don't make yourself too much busy in your studies. Go outside, enjoy with friends and have fun because these days won't come again. You will cherish these moments filled with happiness and joy forever. Not studies will earn you memories but surely friends will!

There are two messages that I want to pass on to you juniors.

- Have fun, enjoy your days to the fullest, study hard and party harder because there is nothing in this world that doesn't pay off.
- A life full of new mysteries and revelations is in front of you.
 Cherish it and even if it pushes you down, stand up and face it as no problem is too big and even if it appears to be big, change your perspective of looking at it.

Keep shining, be healthy and have fun. Once a JNGECian always a JNGECian.



Himanshu Saxena Software Engineer at Verizon Data Services India Pvt. Ltd.

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