

### ITMAD-UD-DAULAH'S TOMB



Located on the left bank of the Yamuna River, the mausoleum is set in a large cruciform garden criss-crossed by water courses and walkways. The mausoleum itself covers about twenty-three square meters, and is built on a base about fifty meters square and about one meter high. On each corner are hexagonal towers, about thirteen meters tall. The walls are white marble from Rajasthan encrusted with semi-precious stone decorations - cornelian, jasper, lapis lazuli, onyx, and topaz formed into images of cypress trees and wine bottles, or more elaborate decorations like cut fruit or vases containing bouquets. Light penetrates to the interior through delicate jail screens of intricately carved white marble. Many of Nur Jahan's relatives are interred in the mausoleum. The only asymmetrical element of the entire complex is that the cenotaphs of her father and mother have been set side by-side, a formation replicated in the Taj Mahal.

**Neeraj Sharma** (Ist Year B Arch)

### LAUGHTER IS STRONG MEDICINE FOR MIND AND BODY



Laughter is a powerful antidote to stress, pain, and conflict. Nothing works faster or more dependably to bring your mind and body back into balance than a good laugh. Humor lightens your burdens, inspires hopes, connects you to others, and keeps you grounded, focused, and alert.

With so much power to heal and renew, the ability to laugh easily and frequently is a tremendous resource for surmounting problems, enhancing your relationships, and supporting both physical and emotional health.

#### Laughter is good for your health

- **Laughter relaxes the whole body.** A good, hearty laugh relieves physical tension and stress, leaving your muscles relaxed for up to 45 minutes after.
- **Laughter boosts the immune system.** Laughter decreases stress hormones and increases immune cells and infection-fighting antibodies, thus improving your resistance to disease.
- **Laughter triggers the release of endorphins,** the body's natural feel-good chemical. Endorphins promote an overall sense of well-being and can even temporarily relieve pain.
- **Laughter protects the heart.** Laughter improves the function of blood vessels and increases blood flow, which can help protect you against a heart attack and other cardiovascular problems.

“Your sense of humor is one of the most powerful tools you have to make certain that your daily mood and emotional state support good health.”

**Vivek Upadhyay** (Ist Year MBA)

### SLEEP SOUND FOR A HEALTHY LIFESTYLE



*We all know the benefits of sleep. For a better you - physiologically and psychologically - sleep is the best treatment.*

Studies have shown that sleep, besides keeping you fit, also improves your productivity at work, makes you efficient. We are in a fast age where we brag about how we can survive with little or no sleep. However, doctors say, this condition would adversely affect health in the long run. Remember it's the body that knows and decides how much rest it needs and not you. Being fit physically is definitely not in the mind because after a point, it shows on you in the form of dark circles, fatigue, irritability and lethargy. Hence, 8 hours of sleep is a must to keep your balance..

**Dimple Tripathi** (Ist Year MBA)

### 4G MOBILE TECHNOLOGY



4G mobile technology is the name given to the next generation of mobile devices such as cell phones. It became available from at least one provider in several parts of the US in 2009. There is not yet an agreed industry standard for what constitutes 4G mobile, so for now it is merely a marketing term.

The use of 4G, standing for generation, in mobile technology covers the major advances of the past 20-30 years. 1G technology involved the first widely available mobile phones. 2G technology, which began in the early 1990s, switched to a digital format and introduced text messaging. 3G technology improved the efficiency of how data is carried, making it possible to carry enhanced information services such as websites in their original format. The latest iPhone is the best known example of 3G technology.

4G mobile is not yet established as an agreed set of standards, so its features are currently simply goals rather than requirements. As well as drastically increasing data transfer speeds, 4G mobile should use enhanced security measures. Another goal is to reduce blips in transmission when a device moves between areas covered by different networks. 4G mobile networks should also use a network based on the IP address system used for the internet. Within the United States, there are two major systems using 4G mobile technology. One is known as WiMax and is backed by Clear wire, a firm whose majority owner is Sprint Nextel. It began testing services in Baltimore in 2008 and was set to expand this into major new markets in 2009. Sprint intended to have 80 cities covered by the end of 2010.

Unlike previous generations of mobile technology, 4G mobile will be widely used for internet access on computers as well as carrying cell phone communications. Customers in areas which have strong 4G coverage will be able to use it for a home broadband connection which doesn't require any cabling to their household. It can also be used for accessing the internet on the move without having to be in a wireless hotspot such as those offered by some coffee shops, airports and libraries.

**Priyanka Dubey** (Asst Prof School of Engg)

### CHANGE ATTITUDE NOT LIFE STYLE



There are many who believe that to turn spiritual you have to change your wardrobe, diet and lifestyle and adopt a sombre and boring pattern. This does not appeal to those who continue in their materialistic ways. A few inspired ones change everything except their thinking! They fail to benefit, get frustrated and give up. Rare is the wise one who focusses only on 'attitude'. And succeeds! You have a fundamental choice in every situation, at every moment. You can be unhappy and complain. Or you can be happy and cheerful. It has nothing to do with the world or what it presents. You could have the best of things and still be miserable. You may have nothing and yet be deliriously happy. The difference is in your attitude. In life, everyone is denied a few things. But all of us have been blessed with millions of gifts. If you focus on what you do not have, you will be unhappy. If you choose to focus on the things you have, you are grateful and you develop an irresistible desire to share, contribute, and give. This makes you happy.

The most precious things come for free, which you do not even consider! Hence you live life feeling deprived and deficient when, in fact, you could be totally fulfilled and abundant. The world and all that it offers is temporary, fleeting, passing. Understand the transient nature of the world while living in it and you will be happy. Transact with the world, enjoy it, but always remember that it will pass. Give it the right value, not the exaggerated value you have for it now. Begin the search for the permanent. The journey itself becomes thrilling. Then you will experience true happiness irrespective of what you have or do not have. So change your attitude, not lifestyle. Your life will change from drudgery to revelry. From mediocrity to EXCELLENCE.

**Kapil Chaudhary** (Asst Prof School of Mgmt)

### Quiz - I (January-2012)

**SPEED (42%) AND ACCURACY (58%) ARE THE ESSENCE**

#### Part I General Awareness

(5X1=5)

- Q 1. In how many years are Common Wealth Games conducted?  
(a) 1 (b) 3 (c) 2 (d) 4
- Q 2. Who is the Chief Editor of the CampBuzz, a monthly magazine of HTC?  
(a) Mukesh Kumar (b) Devesh Agrawal (c) Amit Parashar (d) Ratna Pandey
- Q 3. Name of the capital of a country, which has completed 100 years on 11 Dec 2011?  
(a) Beijing (b) New Delhi (c) Dhaka (d) Ottawa
- Q 4. Lok Pal Bill is associated with :-  
(a) Anti Corruption (b) Security (c) Global Warming (d) Biodiversity
- Q 5. Who was the actor known as the guide of Film Industry, who died on 2nd Dec 2011?  
(a) Ashok Kumar (b) Shammii Kapoor (c) Amrith Puri (d) Dev Anand

#### Part II Word Power

(10X2=20)

**Directions (Q6-10): Choose the correct option given in the bracket:-**

- Q 6. He would starve to death rather than (have asked / ask / to ask / to have asked) a loan.
- Q 7. She was so shy (that to refuse / as to refuse / as refusing / for refusing) all invitations.
- Q 8. Tom said he would collect it when he (came/ should come / would come/ comes) back.
- Q 9. My parents had tried to make an artist of me, but I refused to be made (that / him / it / one).
- Q 10. There is no reason (which / that / why / because) anyone should behave so cruelly.

**Directions (Q 11-15): Read each question and select the best response.**

- Q 11. Among P, Q, R, S and T, each having scored different marks, R scored more marks than P and T. Q scored less marks than T. S did not score the highest marks. Who among them scored the highest?  
(a) P (b) T (c) R (d) Data inadequate
- Q 12. In a university with 2000 students, the student-faculty ratio is 16:1. If 18% of the faculty members have completed their course, then approximately how many have not been able to do so?  
(a) 119 (b) 23 (c) 127 (d) 103
- Q 13. In a year 4 months have 30 days and 7 months have 31 days. How many months in a year have 28th day?  
(a) 1 (b) 2 (c) 12 (d) 6
- Q 14. Divide 30 by half and add ten. What do you get?  
(a) 29 (b) 25 (c) 70 (d) 52
- Q 15. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?  
(a) 71 (b) 72 (c) 74 (d) 77

#### Part III Reasoning

(5X3=15)

- Q 16. Two bus tickets from city A to B and three tickets from city A to C cost Rs. 77 but three tickets from city A to B and two tickets from city A to C cost Rs. 73. What are the fares for cities B and C respectively from A?  
(a) 4, 23 (b) 13, 17 (c) 15, 14 (d) 17, 13
- Q 17. If 'FORK' is called 'PLATE', 'PLATE' is called 'KNIFE', 'KNIFE' is called 'JUG', 'JUG' is called 'GLASS', 'GLASS' is called 'CUP' and 'CUP' is called 'FORK', by what do we cut fruit?  
(a) SPOON (b) JUG (c) GLASS (d) SAUCER
- Q 18. Raman is sitting to the immediate left of Harry but not next to Kamal. Mahesh is sitting to the right of Kamal. If the four friends are sitting in a circle who is sitting to the immediate right of Harry?  
(a) Mahesh (b) Kamal (c) Raman (d) Harry
- Q 19. X is Y's brother. S is T's mother and X's aunt. How is T related to X?  
(a) Sister (b) Cousin (c) Aunt (d) None
- Q 20. Captain' is related to a 'Team' in the same way as 'Director' is related to  
(a) Supervisor (b) Employee (c) Organization (d) Union



# CampBUZZ

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Dear Students !

Everyone has some or the other goals in his / her life. These goals may be small or big. You also should be having one. Have you ever thought how far you are likely to be successful to achieve these goals?

To quote renowned American philanthropist Elbert Hubbard: "Many people fail in life, not for lack of ability or brains or even courage, but simply because they have never organized their energies around a goal."

Just having a goal is not important. You should have SMART goals. SMART stands for Specific, Measurable, Attainable, Realistic, and Time-bound. Every goal that you make should be smart. Let us look each of these terms in detail.

**Specific:** The goals that you make should be specific and not vague. They should be clear. A goal is specific when it gives clear answers to questions like when, where, what, who, which and why. When your goal is specific, you know how to proceed and you are clear about what are the challenges that would come in your way to reach the goal. Your goal should be pin pointed, significant and well-defined.

**Measurable:** The goals that you make should be measurable. When you set a goal, see to it that they answer the questions like how much, how many etc.. The term stresses the need of concrete criteria for measuring progress toward the attainment of the goal. If the goal is not measurable, then you may not know how much progress you have made to achieve your goal.

**Attainable:** When you identify goals that are most important to you, you begin to figure out ways you can make them come true. You develop the attitudes, abilities, skills, and financial capacity to reach them. You begin seeing previously overlooked opportunities to bring yourself closer to the achievement of your goals. There is a meaning to keep goals only if it is attainable.

**Realistic:** A goal is realistic if it represents an objective toward which you are both willing and able to work. A goal can be both high and realistic; you are the only one who can decide how high your goal should be. The goal should be within the availability of resources, knowledge and time. But be sure that every goal represents substantial progress. In order to check whether the goal is realistic, ask a question to yourself that what conditions need to exist to achieve the goal.

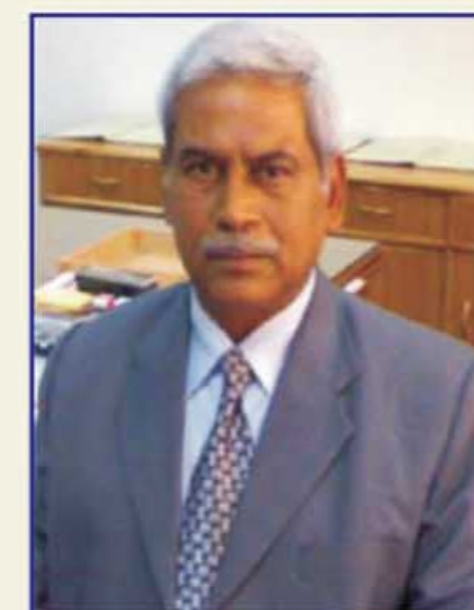
**Time-Bound:** Every goal should be time bound and should be achieved in the time limit that you fix. If you have a time-frame then the achievement of goal will be easier for you. Set a very clear date of achieving your goal. Only then will you be pressurized and will be motivated to work hard towards its achievement. Also when you keep a time frame it should be neither too long nor too short. This is because if the time is too long then your performance will deteriorate with time as you will lose interest with more time. If the time allotted is too short then you won't be able to achieve the goal and this would further add to your frustration.

As you step in second semester of your professional studies, you should have set your vision right. Reconfirmed your mission duly defined & redefined. Settled with rational & relevant objectives staggered in appropriate phases. Thereby, laid out firm goals/aims. However, I would like you to relook at your goal(s) and revise them with the template described in the message. I am confident, with due application of inputs above, you will aim right for desired / designed success.

*Wish you best of innings ahead.*

*Truly yours,*

**Dr K K Malviya**, Director (Academics)





## AMAZING FACTS ABOUT INDIAN ECONOMY



The Indian economy is finally overcoming some of the obstacles that have traditionally been cumbersome to growth and today, India's economic growth rate is among the fastest in the world, based largely on a flair for information technology and knowledge-based industries. As a result, India is providing an IT workforce for high tech companies around the world and is gradually on the path to becoming the “knowledge center” for the global technology economy.

Most of us know this, but here are 14 facts that you may not know.

1. India is one of only three countries that make supercomputers (the US and Japan are the other two).
2. India is one of six countries that launch satellites.
3. The Bombay stock exchange lists more than 6,600 companies. Only the NYSE has more.
4. Eight Indian companies are listed on the NYSE; three on the NASDAQ.
5. By volume of pills produced, the Indian pharmaceutical industry is the world's second largest after China.
6. India has the second largest community of software developers, after the U.S.
7. India has the second largest network of paved highways, after the U.S.
8. India is the world's largest producer of milk, and among the top five producers of sugar, cotton, tea, coffee, spices, rubber, silk, and fish.
9. 100 of the Fortune 500 companies have R&D facilities in India.
10. Two million people of Indian origin live in the U.S.
11. Indian-born Americans are among the most affluent and best educated of the recent immigrant groups in the U.S.
12. Thirty percent of the R&D researchers in American pharmaceutical companies are Indian Americans.
13. Nearly 49% of the high-tech startups in Silicon Valley and Washington D.C. are owned by Indians or Indian-Americans.
14. India sends more students to U.S. colleges than any country in the world. In 2004-2005, over 80,000 Indian students entered the U.S. China sent only 65,000 students during the same time.

**Rakhi Verma** (1st Year CS B Tech)

## INSPIRATIONAL NEW YEAR QUOTES

The object of a New Year is not that we should have a new year. It is that we should have a new soul.

**G. K. Chesterton**

Be always at war with your vices, at peace with your neighbours, and let each new year find you a better man.

**Benjamin Franklin**

Year's end is neither an end nor a beginning but a going on, with all the wisdom that experience can instill in us.

**Hal Borland**

The Old Year has gone. Let the dead past bury its own dead. The New Year has taken possession of the clock of time. All hail the duties and possibilities of the coming twelve months!

**Edward Payson Powell**

Cheers to a New Year and another chance for us to get it right.

**Oprah Winfrey**

We will open the book. Its pages are blank. We are going to put words on them ourselves. The book is called Opportunity and its first chapter is New Year's Day.

**Edith Lovejoy Pierce**

A happy New Year! Grant that I May bring no tear to any eye When this New Year in time shall end Let it be said I've played the friend, Have lived and loved and labored here, And made of it a happy year.

**Edgar Guest**

## ENSUING EVENTS FOR THE MONTH OF JANUARY 2012

7<sup>th</sup> -- Presentation by Mr Sarkar S Mehta on “**Between U and Me Youtube and Google +**”

12<sup>th</sup> -- Presentation by Ms Priyanka Dubey on “**Powerful Presentation**”

14<sup>th</sup> -- **Cricket Match** will be played, organized by the Sports Club

17<sup>th</sup> -- **A Psychological Workshop** will be conducted by the Literary Club

20<sup>th</sup> -- Presentation on “**Positive Thinking**” will be given by Mr Kapil Chnaudhary

23<sup>rd</sup> -- Guest Lecture

25<sup>th</sup> -- Debate on “**Nuclear Energy A Boon Or A Bane**” will be organized by the Eco Club

## NEW YEAR GREETINGS !!!

On behalf of the Editorial Board, I take the privilege to wish all the readers of **CampBUZZ** and their families good health, peace, prosperity and happiness in the year ahead. May God bestow upon you His choicest blessings and shower joy and cheer, throughout the year.

I would also draw your attention to the Golden Words of Swami Vivekananda:-

“Don't look back, look forward with infinite energy, infinite enthusiasm, infinite daring and infinite patience—Then alone can great deeds be accomplished”

With Warm Wishes

**Ratna Pandey**

Chief Editor (**CampBUZZ**)

## ROLE OF AN ARCHITECT



*"Architecture is a great living creative spirit which from generation to generation, from age to age, proceeds, persists, creates, according to the nature of man, and his circumstances as they change."*

The role of an architect is not just to design buildings, he must also protect the health, safety and welfare of the general public and the users of the buildings. An architect is a licensed professional with specialized skills who designs buildings and cityscapes, and helps to make real and unique vision of their clients, communities and users. The profession of designing buildings and environments with consideration for their esthete effect. Major role includes art & science of designing & erecting buildings and also other physical structures viz. industries, city, town, a building style or method, a plan for organizing space, outdoor spaces, park or landscape. The practice of an architect, where architecture means to offer or render professional services in connection with the design and construction of a building, or group of buildings and the space within the site surrounding the buildings, that have as their principal purpose, human occupancy or use. Architectural works are often perceived as cultural, social, political symbols and as works of art. Historical civilizations are often identified with their surviving architectural achievements. The discipline dealing with the principles of design, construction and ornamentation of fine buildings; *"architecture and eloquence are mixed arts whose end are sometimes beauty and sometimes use."*

**Ar Satish Chand Kushawah** (B Arch, M Ekistics, AIIA)  
HoD (Architecture)

## CHEWING GUM EXPANDS THE MIND



Maybe walking and chewing gum at the same time shouldn't be so tough after all. A joint study carried out by the University of Northumbria and the Cognitive Research Unit in England has found that the act of chewing gum improves short- and long-term memory by as much as 35 percent. Spearmint, cinnamon or bubble-gum flavor -- it doesn't matter. The key to better brain power is the repetitive chewing motion, according to the study, which was presented at the British Psychological Society's annual conference in Blackpool. "The results were extremely clear; specifically we found that chewing gum targeted memory," says Andrew Scholey, a scientist with the university's human cognitive-neuroscience unit who carried out the study. "People recalled more words and performed better in tests on working memory." Why does chewing gum stimulate one's memory? Scientists don't know for sure, but they are working on two

theories. One is that the gentle exercise of chewing raises a person's heart rate, which increases the flow of oxygen to the brain. Another is that chewing triggers the release of insulin, a natural chemical that stimulates a section of the brain involved in memory. The results of the study were welcomed by chewing-gum manufacturers worldwide, who said they always had known there were positive benefits to chewing gum. "This is definitely good news," says Christopher J. Perille, senior director of corporate communications for Chicago-based Wrigley, one of the largest gum manufacturers in the world. "We've always known that chewing gum has its benefits. This study just reinforces those benefits." The average American chews an estimated 300 sticks of gum per year, and children in North America spend about a half-billion dollars on bubble gum every year, according to the National Association of Chewing Gum Manufacturers.

## BALANCE SHEET OF LIFE



Our Birth is our Opening Balance!  
Our Death is our Closing Balance!  
Our Prejudiced Views are our Liabilities.  
Our Creative Ideas are our Assets.  
Heart is our Current Asset.  
Soul is our Fixed Asset.  
Brain is our Fixed Deposit.  
Thinking is our Current Account.  
Achievements are our Capital.  
Character & Morals our Stock-in-Trade.  
Friends are our General Reserves.  
Values & Behaviour are our Goodwill.  
Love is our Dividend.  
Children are our Bonus Issues..  
Education is Brands / Patents.  
Knowledge is our Investment.  
Experience is our Premium Account.  
The Aim is to Tally the Balance Sheet Accurately.  
The Goal is to get the Best Presented Accounts Award.

**Timsi Walia** (Counsellor)

**Neha Agarwal** (Asst Prof School of Engg)

## HAPPENINGS !!!

Faculty Development Programme was conducted in Hardayal Technical Campus on 12th December, 2011. The Programme aimed at enhancing the academic and intellectual environment in the Campus by providing faculty members with enough opportunities to pursue research and also to participate in seminar/conferences/workshops. The members were spell bound and intrigued by the informative lectures of learned scholars and academicians.



**Dr K K Malviya** (Director Academics) inaugurating the Faculty Development Programme by discussing the importance of FDP in the life of any academician.



**Potent Pedagogy** by Prof H L Verma - FDP began with the discussion on Potent Pedagogy by Prof H L Verma. The discussion aimed at the need of effective pedagogy in the teaching so as to be productive in the student learning outcome.

Presentation was conducted by Mr. V. K. Srivastava on “**Teaching and Lesson Plan**” for the up gradation of the faculty so that they may perform better and more productively. In the presentation he discussed about the various methods to be adopted in the class. He also highlighted on the teaching plan and methodology.



**Ordinance B Tech** - Mr Mukesh Kumar (HOD B Tech) giving the presentation on the ordinances of B. Tech, thereby clearing all the doubts related to rules and regulations of the course.



**Course Ordinance B Arch** - Mr Satish C. Kushawah (HOD B Arch) giving the presentation on the course ordinance of architecture.



**Course Ordinance MBA** - Prof H L Verma (HOD MBA) discussing the norms of MBA with the faculty members.



**Research Methodology** by Ms Ragini Gupta - FDP ended with the strong presentation given by Ms. Ragini Gupta on Research Methodology. In her presentation she impactfully covered the various topics : What is Research, Types of Research, Research Process & How to Write Research Report and Thesis.

**Faculty Development Programme II** - As FDP conducted on 12th December 2011 had a significant response and was applauded and appreciated by each and every faculty member, hence with due encouragement another FDP was organised on 20th December 2011.

**Value and Ethics in Profession Progression** by Dr Devesh Agarwal - Faculty Development Programme II began with the presentation by Dr Devesh Agarwal on Value and Ethics in Profession Progression. Through the presentation Dr Devesh discussed the need of human values and ethics in the work culture resulting in a better professional.



“**Social Networking – LinkdIn , Facebook & Twitter**” by Mr Jitendra Karira-Presentation was conducted on profile creation & usage of the account on the social networking website. User satistics and background of the various Social Networking websites of the above mentioned, were separately introduced. Also, establishment of professional profile, how to stay in touch with the colleagues and friends and how to explore opportunities so that the same can prove beneficial for the faculty as well for Hardayal Technical Campus, was thoroughly briefed by the presenter.

**A Workshop on Account Opening on Facebook, Twitter and LinkdIn** was also conducted by Mr Jitendra Karira and Mr Pawan Sharma. All the faculty members opened their account on the social networking sites. The workshop was planned in order to keep the faculty updated and also to enhance the global outlook of the campus.

