CampBUZZ

Message From The Director's Desk...

Be an Entrepreneur

Dear Students !

> *"You could have a million ideas, but they're all worthless if you don't get them done."*
>
> **Lauren Amarante**

To achieve desired success in your life, you should desire to think different from others. Don't acquire knowledge to be jobseekers instead of this, develop your skills as job creator for others. You will not be depending on others while others will depend on you for their jobs. A person who creates jobs is known as Entrepreneur.

An Entrepreneur starts and organizes a business, taking risks by investing money to make more money. He/ She could mean: - The owner of a company or small corporation, i.e. the person who provides the capital of an entity or contributes an important asset such as a property, a building, machinery, technology; A sponsor (founder or not) of a project or a company; The creator of a technology or know-how based on which a project or company will start its business.

In order to be successful, an entrepreneur must possess certain qualities which are unique of its kind. If we go through the business history of India, we come across the names of Tata, Birla, Modi, Dalmia and others who started their business with small size and made good fortunes. This is possible only because they possess all the entrepreneurial qualities.

Some of the important qualities or characteristics that are necessary for you as entrepreneur are narrated below:-

- ❖ **Desire to Excel:** The first and foremost quality you should possess refers to a burning desire to excel. You should always engage in competitions with your imposed standards with yourself to beat your last best performance.
- ❖ **Hard Work:** You successfully build new enterprises possess an intense level of strong determination and willingness to work hard. You possess a capacity to work for long hours and in spurts of several days with less than normal amount of sleep.
- ❖ **Self Confidence:** You must have confidence and belief in yourself to achieve your desired objectives. You strongly believe that you can beat any one in the field.
- ❖ **Initiative:** You have be initiative seeking personal responsibility for actions and use the available resources for optimization of objectives.
- ❖ **Innovative:** You must be innovative and creative. Through your innovative ideas and creative thinking you can be able to engage yourself in the analysis of various problems and situations in order to deal with them.
- ❖ **Motivation:** You should have a strong motivation towards the achievement of a task and must be able to exert considerable efforts in getting things done by others.
- ❖ **Optimistic:** You do not believe that the success or failure of a new business venture depends mostly upon luck or fate or external uncontrollable factors and never disturbed by any internal or external threat to your business or intermittent problems in accomplishing your goals.
- ❖ **Mental Ability:** Mental ability refers to the inner strength of you, which helps you to reach your goal.
- ❖ **Communication Ability:** It is that skill through which both the sender and receiver understand each other and are being understood. You are required in many situations to influence customers, employees, suppliers, creditors, and government and make them think in your way and act accordingly.
- ❖ **Leadership:** You must have an ability to lead so that you can induce the people to work with confidence and zeal. It is an aid to authority and helps in better utilization of manpower.

By adopting/ imbibing to foresaid tips, I am more than confident that you may be a good entrepreneur in future. Keep in your mind,

> *"Successful persons don't do different things, they do these differently."*

Wish you best of innings ahead.
Lovingly yours
Prof K K Malviya, Director (Academics)

EDITORIAL
CAMPBUZZ - CONDUCIVE IN CAREER CONCERNS

CampBUZZ is a monthly magazine which covers inputs of the previous month and reaches its readers (students, faculty, staff and others) on 1st of every month. The purpose of this magazine is to ignite the minds, to arouse creativity, to disseminate happenings and to create competence by competition. The contents of this magazine include Message from the Director's desk, Editorial, Articles, Ensuing events, Photograph coverage of campus trends, laughter zone and crux of quiz cracking and its competition along with winner and runner up of previous competition.

The title page covers message from the Director's desk which orients the students on the various aspects to pace up with today's professional world . Editorial emphasize on the burning issues and make students aware of the trends. Time to time we incorporate useful topics such as: vaastu shastra, scientific, Professional, Technological, Ideological, Social, Economic, Research oriented, Current topics and miscellaneous concepts. These articles provide the insight to which will benefit the students in their lucrative career. Laughter zone is to reduce stress & strain and revive your potential. Ensuing events reveal about the events and activities to be conducted in a subsequent month. Happening showcases all the activities of the antecedent month. Mindbender Quiz develops ability to solve problems with speed and accuracy.

To create interest and enhance skills, abilities &capabilities of the students for reading and writing, it has been decided by Editorial Board to boost the budding writers and poets. With effect from this month, theme will be given to students for article and photograph to be published in the column "Article of the month" and "Photograph of the month". The theme will be revealed in the campBuzz.

Editorial board and student editors will judge on these under mentioned parameters-

Article: Brevity, Clarity, Relevance, Chronology, Connectivity, Lucidity, Coherence, Exposition, Expediency and virtues.

To imbibe creativity, encourage students as well as for their all round development, we have incorporated Photography contest. Photograph will be assessed on following attributes;-

Photograph: Resolution, Relevance ,Real (original), Color setting, Message, Captures emotions, Visual Aesthetics Impactful, Fulfilled intent, and Unique perspectives.

First two selected thematic articles and photographs will be published in the CampBuzz of the subsequent month; one winner and one runner up will be suitably rewarded.

We would like to boost up students to participate and become accustomed to all these activities so, that they can put their best foot forward in the professional career concerns. It will be helpful for students to know their potential and take advantage of opportunities provided to them. By going through this magazine anyone can ascertain the activities of the campus and the gusto of participants.

"We are what we repeatedly do. Excellence, therefore, is not an act but a habit." –Aristotle

WASTE MANAGEMENT

Waste management is the collection, transport, processing or disposal, managing and monitoring of waste materials. The term usually relates to materials produced by human activity, and the process is generally undertaken to reduce their effect on health, the environment or aesthetics. It is a distinct practice from resource recovery which focuses on delaying the rate of consumption of natural resources. All wastes materials, whether they are solid, liquid, gaseous or radioactive fall within the remit of waste management. It can differ for developed and developing nations, urban and rural areas and residential and industrial producers.

The energy content of waste products can be harnessed directly by using them as a direct combustion fuel, or indirectly by processing them into another type of fuel. Thermal treatment ranges from using waste as a fuel source for cooking or heating and the use of the gas fuel, to fuel for boilers to generate steam and electricity in a turbine.

Pyrolysis and gasification are two related forms of thermal treatment where waste materials are heated to high temperatures with limited oxygen availability. The process usually occurs in a sealed vessel under high pressure. Pyrolysis of solid waste converts the material into solid, liquid and gas products. The liquid and gas can be burnt to produce energy or refined into other chemical products (chemical refinery). The solid residue (char) can be further refined into products such as activated carbon. Gasification and advanced Plasma arc gasification are used to convert organic materials directly into a synthetic gas (syngas) composed of carbon monoxide and hydrogen. The gas is then burnt to produce electricity and steam.

Recycling is a resource recovery practice that refers to the collection and reuse of waste materials such as empty beverage containers. The materials from which the items are made can be reprocessed into new products. Material for recycling may be collected separately from general waste using dedicated bins and collection vehicles are sorted directly from mixed waste streams and are known as kerbed-side recycling, it requires the owner of the waste to separate it into various different bins (typically wheelie bins) prior to its collection.

Kshitij Srivastava
Asst. Prof., School of Engineering

ENSUING EVENTS FOR THE MONTH OF MARCH-2013	
1	Parent Professor Meet
2	Photography &Eco club
9	Engineering Biography
10	Mahashivratri
16	Mgmt & Arch Guest lecture
23	Art craft& Orators club activities
25-30	Holi
29	Good Friday

ENGLISH- KEY TO INNOVATION AND COMPETITIVENESS

"English is key to innovation and competitiveness," Michael Lu, Senior Vice President Education First, said in the report.

In the last few decades, there has been a growing interest in the field of English as an International Language. It implies a new way of communication across different cultures and nationalities through the medium of common language.

If we know English we will feel free to interact with others. It's a widely spoken language. People take pride in speaking English .if we don't know English, we will lag behind the other. English is a need of hour. Today we can't deny the importance of English in our life.

When we are accessing computers then also it becomes very important to know English. Speaking English has become a status symbol, at the time of interviews also the preference is given to the candidates with having command in English. In some advertisements also it is revealed that candidates having knowledge of English will be given preference.

When ideas fail, words come in very handy.

Ram Kumar
MBA Ist Year

MEANING OF SORRY

We see that this word SORRY is being used quite commonly these days Most of the people think that to err is human. People don't realize that they are using this word for apologizing. Its just become a habit.. We have lost the feelings of apology when we utter this word. Some times we do intentionally and to cover up we say sorry. Hit someone and say "Sorry, did not go on time and say "Sorry", can't help out someone when that person is asking for help say "Sorry", so this word is without emotions. It's become like you give someone a tight slap without any reason and Say "I AM SORRY".

It's become an easy way out to run away from troubles caused by our mistakes. It's not bad to say sorry but at least one should realize the true meaning of this word. I was just thinking about this word what must it be meaning. May be its combination of words together, so it can put it this way;

S- Sincerely
O- offering apology
R- right from core of my heart
R- realizing my mistake by saying sorry to
Y- you, with a promise to try not to commit that mistake again.

I guess life has become too mechanical, we don't even realize that in a day how many people we hurt. But then we too are humans and humans do make mistakes. The only thing is that we must realize the true meaning of this word.

"Sorry is hardest to say when it matters most."

Dharmendra Kumar
BBA Ist Year

HEALTHY HABITS

Healthy eating is about more than the food on your plate. It is also about how you *think* about food. Healthy eating habits can be learned and it is important to slow down and think about food as nourishment rather than just something to gulp down in between meetings or on the way to pick up the kids. Healthy habits can protect you from the harmful effects of stress.

- **Eat with others whenever possible.** Eating with other people has numerous social and emotional benefits. Eating in front of the TV or computer often leads to mindless overeating.

- **Take time to chew your food and enjoy mealtimes.** Chew your food slowly, savoring every bite and relish. We tend to rush though our meals, forgetting to actually taste the flavors and feel the textures of our food. Reconnect with the joy of eating.

- **Listen to your body.** Ask yourself if you are really hungry or have a glass of water to see if you are thirsty instead of hungry. During a meal, stop eating before you feel full. It actually takes a few minutes for your brain to tell your body that it has had enough food, so eat slowly.

- **Eat breakfast and eat smaller meals throughout the day.** A healthy breakfast can jumpstart your metabolism, and eating small, healthy meals throughout the day (rather than the standard three large meals) keeps your energy up and your metabolism going.

- **Avoid eating at night.** Try to eat dinner earlier in the day and then fast for 14-16 hours until breakfast in the next morning. After dinner snacks tend to be high in fat and calories so are best avoided, anyway.

- **Get enough sleep.** Try to get six to eight hours of sleep each night. If you can't sleep, take steps to help reduce stress and depression. Physical activity also may improve the quality of sleep.

- **Engage in daily physical activity.** Regular physical activity relieves mental and physical stress. Physically active adults have lower risk of depression and loss of mental functioning. Physical activity can be a great source of pleasure, too. Try walking, swimming or dancing every day.

Bad habits are easier to abandon today than tomorrow.

Best Article

Sanyogita Devi
MBA Ist Year

Activities Assimilated

Prof K K Malviya, Director (Academics) adjudging students on their presentation
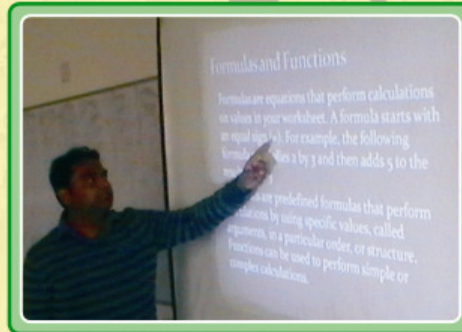

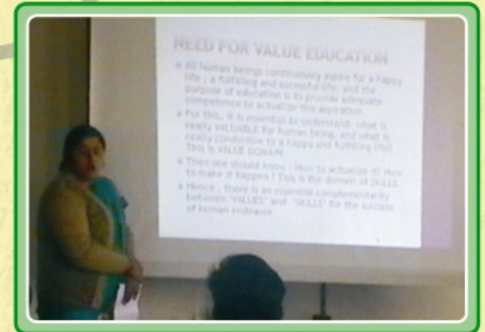**Judges - Mr. Deepak Sharma & Ar. Upendra Singh** appraising Students

Kumari Poonam, MBA Ist Year familiarizing on "Biography & Swot Analysis" of **Microsoft & Bill Gates**

Ankit Yadav, MBA IInd Year Presenting his views on "Biography & Swot Analysis" of **Infosys & Narayan Murthy**

Er. Vibhor Saxena making presentation on **MICROSOFT EXCEL**

Ms Mrinalini Jha deliberating on **Value Education**

Students attending & relishing Influx of Knowledge in the presentation on **Microsoft Excel & Value Education**

Winner

Netrapal Singh, B. Tech (Civil) Ist Year

Photograph of The Month

Runner up

Ram Kumar, MBA Ist Year

😄 LAUGHTER ZONE 😄

* Ram saw Arjun in the market parking; Arjun was an auto driver and was busy in removing a wheel from auto.

  Ram : Why are you removing a wheel from your auto?

  Arjun : Can't you read 'Parking for two wheelers only'

  -----------x---------x-------------

* **Interviewer:** What is" Skeleton"?

  Candidate: Skeleton is a person who started dieting but forgot to stop it.!!!

  -----------x---------x-------------

* *Santa was busy scratching his head in a mall….*

  Banta : What happened?

  Santa : You also scratch, look at that poster "scratch & win a BMW."

  Ashu Kumar
  BBA Ist Year

WHAT'S THERE IN A NAME

One of the things that all people and places have in common is NAMES. Have you ever asked yourself, "What does my name mean?" Most people have some idea of their name meaning or where their name came from. The power of a name and its value has long been immortalized in prose, poetry, and religious ceremony. Everyone recognizes himself or herself by name.

Let us consider what a name is. It is the grouping of several letters of an alphabet, or other symbols, which represent the identification of a person or an object. The link between human intelligence, mind, language, and the order of the letters in the alphabet is the key to measuring human mind and solving the major problem of mental discord and imbalance.

The one thing which separates human beings from the animal kingdom is human mind, which has the ability to reason on a conscious level. To think consciously, one must use language..Names are more than a convenience allowing us to talk to each other. Names are a gift from God. They contain His power.

"A good name is more desirable than great riches; to be esteemed is better than silver or gold."

Netrapal Singh
B. Tech, Ist Year (Civil)

THEMATIC ARTICLE
MY MOST MEMORABLE MOMENT - FIRST

It is about my brother and I who one day came up with an idea to entertain ourselves. To be frank, it wasn't the safest idea. But we were at an age where life was at our peril, so we considered playing to be the perfect time for some refreshing fun. In one sense I did have a good time but it was over roared by a pretty hefty consequence

We started playing hide and seek, it was my turn to be in blindfold and my brother was distracting me. I fell down from the terrace in a plot behind my home. I was lying unconscious, fortunately my neighbor noticed me. She called my parents and doctor was called .Thank GOD! I was not in serious condition. When I opened my eyes my mother was very happy. My younger brother told me that he was thinking that I was hiding somewhere.

Some lessons are learned the hard way, but the regrets and mistakes our memories make add new experiences to our life.

Renu Roy
MBA Ist Year

MY MOST MEMORABLE MOMENT - SECOND

It reminds me of the moment when my result was announced, last year. I was very happy as I have got good marks. After passing my 12th class I wanted to be an engineer. When I discussed with my father about admission in the college, he suggested me to take admission in nearby college. I was very upset, because I aspired to be an engineer but there was no engineering college in my village.

I felt very bad but my father told me that he cannot afford expenses on my education in the city. I was unhappy and pensive for few days .My mother realized my problem but couldn't help. All of a sudden my father came to me and asked to pack my bag and tried in some good engineering colleges. I promised my father that I will study hard and get good marks

Last but not the least, I got admission in college of my choice and I am very thankful to my father who helped me to study out of the village.

Khursheed Alam
B. Tech, Ist Year (Civil)

Theme of the "Article of the month"
- My Future Plans

Theme of the "Photograph of the month "
- Activities during month

NUMERICAL ANALYSIS AND ITS APPLICATIONS

The overall goal of the field of numerical analysis is the design and analysis to give approximate but accurate solutions to complex problems, the variety of which is suggested by the following.

Advanced numerical methods ; Computing the trajectory of a spacecraft ; Car companies can improve the crash safety of their vehicles by using computer simulations ; Hedge funds (private investment funds) ;Airlines use sophisticated optimization algorithms, ;Insurance companies use numerical programs for actuarial analysis etc.

Consider the problem of solving

$3x^3 + 4 = 28$

for the unknown quantity x.

Direct method $3x^3 + 4 = 28$. *Subtract 4* $3x^3 = 24$.
Divide by 3 $x^3 = 8$.
Take cube roots $x = 2$.

By Numerical Analysis $f(x) = 3x^3 - 24$. The initial values are a = 0, b = 3, f(a) = −24, f(b) = 57.

Iterative method			
a	b	mid	f(mid)
0	3	1.5	- 13.875
1.5	3	2.25	10.17...
1.5	2.25	1.875	-4.22...
1.875	2.25	2.0625	2.32...

We conclude from this table that the solution is between 1.875 and 2.0625. The algorithm might return any number in that range with an error less than 0.2. Numerical analysis find applications in various competitive exams like, Bank, NDA, CDS, LIC SSC, CA etc.

Dr. Mahesh Chandra
Asso. Prof. School of Engineering

QUIZ — SPEED (48%) & ACCURACY (52%) are of essence

Note: Select correct choice of each question. Each question carries 2 marks.

1. If r = 5 z then 15 z = 3 y, then r =
   (A) y (B) 2 y (C) 5 y (D) 10 y

2. What is 35% of a number if 12 is 15% of a number?
   (A) 5 (B) 12 (C) 28 (D) 33

3. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?
   (A)1/3 (B) 1/8 (C) (2/8) (D) 1/16

4. If Sam can do a job in 4 days that Lisa can do in 6 days and Tom can do in 2 days, how long would the job take if Sam, Lisa, and Tom worked together to complete it?
   (A) 0.8 days (B) 1.09 days (C) 1.23 days (D) 1.65 days

Score comparison table

Your Score	Remarks
1-3	You Need improvement, brush up your concepts again.
4-6	You are a Average sorer, but you can do well, keep trying
7-8	Very good, keep it up
9-10	Excellent work.

5. How long will Lucy have to wait before for her $2,500 invested at 6% earns $600 in simple interest?
   A. 2 years B. 3 years C. 4 years D. 5 years E. 6 years

6. Grace has 16 jellybeans in her pocket. She has 8 red ones, 4 green ones, and 4 blue ones. What is the minimum number of jellybeans she must take out of her pocket to ensure that she has one of each color?
   A. 4 B. 8 C. 12 D. 13 E. 16

7 If r = 5 z then 15 z = 3 y, then r =
   A. y B. 2 y C. 5 y D. 10 y E. 15 y

8. What is 35% of a number if 12 is 15% of a number?
   A. 5 B. 12 C. 28 D. 33 E. 62

9. A computer is on sale for $1600, which is a 20% discount off the regular price. What is the regular price?
   A. $1800 B. $1900 C. $2000 D. $2100 E. $2200

10. A car dealer sells a SUV for $39,000, which represents a 25% profit over the cost. What was the cost of the SUV to the dealer?
    A. $29,250 B. $31,200 C. $32,500 D. $33,800 E. $33,999

11. After having to pay increased income taxes this year, Edmond has to sell his BMW. Edmond bought the car for $49,000, but he sold it for a 20% loss. What did Edmond sell the car for?
    A. $24,200 B. $28,900 C. $35,600 D. $37,300 E. $39,200

12. If Sam can do a job in 4 days that Lisa can do in 6 days and Tom can do in 2 days, how long would the job take if Sam, Lisa, and Tom worked together to complete it?
    A. 0.8 days B. 1.09 days C. 1.23 days D. 1.65 days E. 1.97 days

13. Find 0.12 Ã·12
    A. 100 B. 10 C. 1 D. 0.01 E. 0.001

14. Divide x^5 by x^2
    A. x^{25} B. x^{10} C. x^7 D. x^3 E. $x^{2.5}$

15. Which of the following numbers could be described in the following way: an integer that is a natural, rational and whole number?
    A. 0 B. 1 C. 2.33 D. -3 E. none of the above

16. Find the mode of the following list of numbers: 2, 4, 6, 4, 8, 2, 9, 4, 3, 8
    A. 2 B. 3 C. 4 D. 5 E. 6

17. In the fraction 3/x, x may not be substituted by which of the following sets?
    A. {1, 2, 4} B. {-2,-3,-4} C. {1, 3, 7} D. {0, 10, 20} E. {1.8, 4.3}

18. Sarah needs to make a cake and some cookies. The cake requires 3/8 cup of sugar and the cookies require 3/5 cup of sugar. Sarah has 15/16 cups of sugar. Does she have enough sugar, or how much more does she need?
    A. She has enough sugar. B. She needs 1/8 of a cup of sugar.
    C. She needs 3/80 of a cup of sugar. D. She needs 4/19 of a cup of sugar.
    E. She needs 1/9 of a cup of sugar.

19. At a company fish fry, 1/2 in attendance are employees. Employees' spouses are 1/3 of the attendance. What is the percentage of the people in attendance who are not employees or employee spouses?
    A. 10.5% B. 16.7% C. 25% D. 32.3% E. 38%

20. There are 8 ounces in a Â½ pound. How many ounces are in 7 3/4 lbs?
    A. 12 ounces B. 86 ounces C. 119 ounce D. 124 ounces E. 138 ounces

21. What is the next number in the following pattern? 1, 1/2, 1/4, 1/8, ___
    A. 1/10 B. 1/12 C. 1/14 D. 1/15 E. 1/16

22. Of the following units which would be more likely used to measure the amount of water in a bathtub?
    A. kilograms B. liters C. milliliters D. centigrams E. volts

23. Which of the following fractions is the equivalent of 0.5%?
    A. 1/20 B. 1/200 C. 1/2000 D. 1/5 E. 1/500

24. Over the course of a week, Fred spent $28.49 on lunch. What was the average cost per day?
    A. $4.07 B. $3.57 C. $6.51 D. $2.93 E. $5.41