

jeevIT

Volume 7 Issue 2



BioAnalytical
TECHNOLOGIES

Keeping the flame lit



Dear BATians,

First and foremost, thank you all for your overwhelming response to the August edition of Jeev|T. All Your mails have been a great source of encouragement for us. On huge demand the “Guess Who Contest” is back. So gear up people and start guessing to win exciting prizes.

The theme for this issue depicts B.A.T. expansion over the globe. We all are aware of the constant progress made by B.A.T. with new projects, new clients, larger workforce and increased B.A.T. presence with office in UK and representatives in US and Scandinavia. Let us all together keep the lamp of B.A.T. strong and bright.....

Also “Diwali” is here. It's the festival of lights celebrated by all Indians with great enthusiasm and happiness. Diwali, also stands for illuminating darkness of the New Year's moon, and strengthens friendships and knowledge, with a self-realization!

So on this Diwali, Team jeev|T wishes you a life full of lights and wisdom. May Goddess Lakshmi bless B.A.T. and each BATian with prosperity, Goddess Saraswati with Knowledge and Lord Ganesha remove all our obstacles.

We hope you enjoy this October issue of jeev|T. Send your feedback, comments, appreciation etc at grp-jeevit@bioanalytical.net. It matters a LOT!

Here's Wishing you all a very Happy Diwali...

Let's say it together **jeev|T.....live|T!**

- Editorial Team





Contents

View From Top

A Tribute to Steve Jobs	- Ajit Chaphalkar	4
Amazing Way To Deal With Change	- Pradeep Satbhai	6
Silhouette- Mr. Ajit Srivastava		8
Bioinformatics Enhances Drug Discovery	- Rajdeep Poddar	10
Using DOS Based Printing	- Shyam Vaidya	12
Rendezvous With jeevIT Reporter- Ms. Noopur Gowande		14
Technology For Better Or For Worse.	- Anup Phadke	16
Right Brain In Top Gear		
• 'Hobby Lobby'		17
• 'Guess Who' Contest		18
• Guess What SMT Is Thinking		19

Caste Your Vote

jeevIT team requests you to vote your favorite article and send in the response to grp-jeevit@bioanalytical.net by 19th October 2011. The article with maximum votes will win.





A Tribute to Steve Jobs



Ajit Chaphalkar

Dear Friends,

At the outset let me wish everyone a Happy Diwali. Let the lights become much brighter during Diwali. Let Diwali also enlighten our minds. I am sure that you will meet all your near and dear ones and spread happiness. This is also a time for us to remember all those engaged in national security like Military, BSF, Police and paramilitary forces. The military forces and the persons in the service sector serve the nation so that we can lead our normal life and enjoy Diwali. The contribution from them should never be forgotten.

I would like to discuss a little bit about path of "Entrepreneurship". The sad departure of Steve Jobs suddenly found thoughts about Entrepreneurship, agitated and crowded. Let me start with a simplistic approach towards bit of an understanding about Entrepreneurship.

In the walk of life you can categorize working persons and professionals in three types:

1. **Straight Walkers:**

These people prefer to have straight, clear and dependable path in their career. Lesser the surprises, happier they are. This type comprise of people who are dependable as well as non-dependable. They are risk averse. (The people who are extremely "Risk Averse" do not even utter the word 'Risk'). The continuity and average gains can keep these people going year after year. The job promotion finds these people in elated and blissful mode. They like routine. They participate in the activities which are known or popular and they play where boundaries are visible. The performers in such category always land up as preferred employees. This category is extremely useful when it comes to repetitive nature of work and they bring stability to the organization if they are effective.

2. **Escalators:**

The person / professionals in this category are always looking out for an opportunity to climb up. They are interested in knowing what is happening above them. They dream to take higher position. Some of them are really effective and efficient and some of them only pose smartly. The persons with "real stuff" seek reorganization and their level of hunger for reward and reorganization is generally active. They learn to take calculative risks. They are keen to demonstrate to others about their abilities to achieve results. Some of the good performers in this category go to become a fully dependable Top Executive. They have potential to become entrepreneur. But most of them stay satisfied as "Intrapreneur".

3. **Game Creators:**

The minds of most of the people in this category always think and work in "out of the box" manner. Some of them take up the jobs for acquisition of skills. Some of them do not think it is necessary to take job and spend time by serving the others. They calculate right time (according to them) to start converting their passion into practical format of business. They may or may not have wherewithal to make the activity to function so as to make a success. But they believe they have. They keep discovering themselves and rediscover at twice the speed. They head towards the success with positive thrust. But they are prepared to fail, though they don't want to. At times they employ "Straight Walkers" and "Escalators" to assist them. But they find it tough to deal with mediocrity. The scarcity of resources can be a problem to them but they do not stop for want of resources. They are Creators! They are risk takers!! They are Entrepreneurs!!












It does not take a long time to identify “Straight Walkers” and “Escalators”. But the “Entrepreneur” is a different breed. In our own country we have also seen emergence and growth of Entrepreneurial spirit. The growth is continuing. During last five decades the world of Information Technology has seen Entrepreneur grow, flourish and prosper. But it is not only the prosperity that one has to observe. It is the way they make a difference to the world. The name Steve Jobs will remain on top of the list when it comes to making difference to the world. The real “Game Changer”.

I would like to summarize my vision for BAT and BTG in the following words.

If at all anyone wants to know or understand– “How to identify the Entrepreneur?” – then your search will stop at Steve Jobs. He carried almost all the characteristics and attributes of an Entrepreneur such as:

-  Courage and Conviction
-  Appetite for Risk
-  Willingness to Learn
-  Produce Results Without Adequate Resources
-  Carry Oneself in Extreme Situation
-  Understanding of Multiple Technologies
-  Differentiate between Wealth and Money

Steve Jobs did not have family background of business. He did not have formal technical education. He did not have financial background nor did he have a Godfather to stand behind him. He spent days in a state of mind where he did not know how he was going to make his living. But he knew that he had an ability to touch the lives of people to make it better further. In one sense he was one of the Father of Desktop Computer Industry. He had the courage to enter into the business which was dominated by IBM. He carried himself successfully and created a network of passionate people around him. But he also faced failures and bad times. After some years of rest and encounter with new avenues like films, animation, he bounced back. This time he gave the world what they needed. But he defined what the world needs. He kept on adding his innovations in the products till his last day. Steve Jobs advice is -“Listen to your Heart”. He was a rare person who heard the voice from heart but he used his head to implement the verdict given by the heart. Indeed an example of most powerful combination of usage of Right Brain and Left Brain.

The subject of Entrepreneurship in its formal manner is fairly recent. In the earlier times one generation of Entrepreneurs would help the next generation by sharing their experiences and advising about Do's and Don'ts. The scenario is now changing. The list of desirables, essentials and attributes are being taught. You have training courses and seminars which claim that it can bring out entrepreneurial talents out of you. Yet the thinkers and students of the subject Entrepreneurship have not yet been successful in resolving – “Is the Entrepreneur made or born?”

In case of Steve Jobs, the answer is clear – He was a “born” Entrepreneur.





Amazing Way To Deal With Change In

Your Work and Your Life



Pradeep Satbhai

Book Excerpts- "Who Moved My Cheese"
by Dr. Spencer Johnson

"Cheese" – a metaphor for what we want to have in life, whether it is a job, a relationship, money, a big house, freedom, health, recognition, spiritual peace, or even an activity like jogging or golf.

Each of us has our own idea of what Cheese is, and we pursue it because we believe it makes us happy. If we get it, we often become attached to it. And if we lose it, or it's taken away, it can be traumatic.

ONCE, long ago, there lived 4 little characters, who ran through a maze looking for cheese to nourish them and make them happy. Two were mice named "Sniff" and "Scurry" and two were little people named "Hem" and "Haw".

Every morning, the mice and the little people dressed in their running gear and headed over to Cheese Station C, where they found their own kind of cheese. It was a large store of Cheese that Hem and Haw eventually moved their homes to be closer to it and built a social life around it. To make themselves feel more at home, Hem and Haw decorated the walls with sayings. One read:

"Having Cheese Makes You Happy"

One morning, Sniff and Scurry arrived at Cheese Station C and discovered there was no cheese. They weren't surprised. Since they had noticed the supply of cheese had been getting smaller every day, they were prepared for the inevitable and knew instinctively what to do. They were quickly off in search of New Cheese.

Later that same day, Hem and Haw arrived. "What! No Cheese? Who moved my Cheese? It's not fair!", Hem yelled. They went home that night hungry and discouraged. But before they left, Haw wrote on the wall:

"The More Important Your Cheese is To You, The More You Want To Hold Onto It."

The next day Hem and Haw left their homes, and returned to Cheese Station C. But situation hadn't changed. Haw asked, "Where are Sniff and Scurry? Do you think they know something we don't?" Hem scoffed, "What would they know? They're just simple mice. They just respond to what happens. We're little people. We're smarter."

Haw suggested, "Maybe we should stop analyzing the situation so much and just get going and find some New Cheese. Haw decided to leave Cheese Station C while Haw was more comfortable staying in the cheeseless Station C. Hem announced, "It's MAZE time!" and wrote:

"If You Do Not Change, You Can Become Extinct"

Meanwhile, Sniff and Scurry went farther into the maze until they found Cheese Station N. They found what they had been looking for: a great supply of New Cheese. It was the biggest store of cheese the mice had ever seen.

Haw on the other hand become more anxious and wondered if he really wanted to go out into the Maze. He wrote a saying on the wall ahead of him and stared at it for some time:

"What Would You Do If You Weren't Afraid?"

Haw now realized that the change probably would not have taken him by surprise if he had been watching what was happening all along and if he had anticipated change. He stopped for a rest and wrote on the wall of the Maze:

"Smell The Cheese Often So You Know When It Is Getting Old."





Haw wondered if Hem had moved on, or if he was still paralyzed by his own fears. Then, Haw remembered the times when he had felt his best in the Maze. It was when he was moving along. He wrote:

“Movement In A New Direction Helps You Find New Cheese.”

As Haw started running down the dark corridor, he began to smile. Haw didn't realize it yet, but he was discovering what nourished his soul. He was letting go and trusting what lay ahead for him, even though he did not know exactly what it was. To his surprise, Haw started to enjoy himself more and more. He stopped to write again on the wall:

“When You Move Beyond Your Fear, You Feel Free.”

To make things even better, Haw started to paint a picture in his mind again. He saw himself in great realistic detail, sitting in the middle of a pile of all his favorite cheeses-from Cheddar to Brie! He saw himself eating the many cheeses he liked, and he enjoyed what he saw. The more clearly he saw the image of himself enjoying New Cheese, the more real and believable it became. He wrote:

“Imagining Myself Enjoying New Cheese, Even Before I Find It, Leads Me To It.”

Haw wondered why he had always thought that a change would lead to something worse. Now he realized that change could lead to something better. Then he raced through the Maze with greater strength and agility. Until he found bits of New Cheese. He entered the Cheese Station but it was empty. Someone had already been there. He stopped and wrote on the wall:

“The Quicker You Let Go Of Old Cheese, The Sooner You Find New Cheese.”

Haw made his way back to Cheese Station C to offer Hem bits of New Cheese but was turned down. Hem wanted his own Cheese back. Haw just shook his head in disappointment but this does not stop him from finding New Cheese. He smiled as he realized:

“It Is Safer To Search In The Maze Than Remain In The Cheeseless Situation.”

Haw realized again, that what you are afraid of is never as bad as what you imagine. The fear you let build up in your mind is worse than the situation that actually exists. He realizes it was natural for change to continually occur, whether you expect it or not. Change could surprise you only if you didn't expect it and weren't looking for it. When he realized he had changed his beliefs, he paused to write on the wall:

“Old Beliefs Do Not Lead You To New Cheese.”

Haw now realized that his new beliefs were encouraging him to behave in a new way. He was behaving differently from the way he had when he had kept returning to the same cheeseless station. It all depends on what you choose to believe. He wrote on the wall:

“When You See That You Can Find And Enjoy New Cheese, You Change Course.”

Haw just hoped he was heading in the right direction. He thought about the possibility that Hem would read The Handwriting On The Wall and find his way. He wrote on the wall what he had been thinking about for some time:

“Noticing Small Changes Early Helps You Adapt To The Bigger Changes That Are To Come.”

He continued on through the Maze with greater strength and speed. He proceeded along a corridor that was new to him, rounded a corner, and found New Cheese at Cheese Station N where he saw the greatest supply of Cheese he had ever seen. Sniff and Scurry welcomed him.

“Hooray for Change!”

Haw wrote down a summary of what he had learned on the largest wall of Cheese Station N and smiled as he looked at what he had learned:

- | | | |
|---|----------------------|-------------------|
| 1) Change Happens | 2) Anticipate Change | 3) Monitor Change |
| 4) Adapt To Change Quickly | 5) Change | 6) Enjoy Change ! |
| 7) Be Ready To Change Quickly and Enjoy It Again. | | |





Silhouette

In this issue we present to you the profile of an extremely enthusiastic person, who for many of us is new at B.A.T. but has been with B.A.T. since inception- Mr. Ajit Srivastava

Tell us about your early years- school, college, friends....

I have had my schooling from many different places in India as my Father was in a private service and kept moving. We also kept moving along with him. Primary education has been from Delhi and the north of India.

My secondary education was from central India, MP. Did my graduation, Post graduation and Doctorate from Indore. College days were as happy and enjoyable as they could be.

I have had a nice long 10 years of Hostel life which has made me very independent and confident. My friends were a mixed bunch of characters. Studious, naughty, serious..... The new Airtel advertisement actually reminds me of all my friends J. We are still in touch and meet once a year. Our children are now friends and carrying on the baton.

Your family:

My parents and my 14 year old Son, Raghav. My father has been working in the private sector industry and my mother has been a home maker. My son is in grade 9 and aspires to get into the civil services.



What got you to Pune?

This is a very interesting question, since I have been in Delhi for the last 17 years, there has to be something really important that got me to Pune ☺. I got associated with B.A.T. from day one when it came into existence and I was a part of the first project in 2002. I moved out after that and went around in the last 9 years and gathered some knowledge. B.A.T. was always close to my heart during all these years and I was always in contact. I would assign the following factors for my coming to Pune, in the order of their importance:

- B.A.T.
- Desire to do something more meaningful.
- Desire to move out of Delhi.
- The fantastic weather of Pune.☺

Would you like to share any memorable/ inspiring experience in life?

Life as a whole is very inspiring and every moment is memorable. For me the most memorable moment of my life was the moment when my son was born. The experience of becoming a father for the first time is one of the most memorable one. It was that moment that changed my life to the extent which no other moment has done. The relationships, responsibilities, joys, happiness, all multiply together by many folds.

Your memorable work experience?

Every organization that I worked for has been memorable. I have grown along with them and enriched myself on all fronts. However, my 5 year stay at 'Agilent Technologies' has been the most enriching one. The most amazing thing that I experienced was the fact that people can work together effectively through the years without seeing or meeting each other. It is possible only when the organization is really effective and has a very strong foundation.





Work life before B.A.T.:

Work life was pretty different as compared to B.A.T. I was in a country role and was travelling extensively. I enjoyed that to the fullest. I believe that doing right things at the right time will bring joy and fulfillment in everything that one does and will always help one stand the test of time.

Work Life at B.A.T.– plans, goals, ambitions...

I would like to summarize my vision for BAT and BTG in the following words.

To develop into being the most preferred solution-supplier to the Life Sciences and Biotechnology Industry and a capable, swift and effective support-provider to the internal customers, using the existing and acquired skills and continuous enhancement of the same.

Hobbies:

I read whenever I get time. Both my subject as well as books that impart information. I also write articles in news papers and magazines, specially scientific articles. I teach and visit universities and institutions for invited lectures.

Leisure time activities that you enjoy:

One of the things that I really enjoy doing is cooking. I try experimenting with different dishes and also cook traditional food.

I try and devote some time for charity whenever I am free. I am associated with some charitable organizations and often give time and support to them.

Favourites:

- Place: My home
- Book: Many of them. 7 habits of effective people, Five people you meet in heaven, Siddhartha by Hermann Hesse, I can go on naming.....
- Movie: Well... again a lot of them. Sholay, Mukaddar Ka Sikandar, Troy, where eagles dare, ... one that I can watch over and over again is "Padosan" and "Shoukeen"
- Music: Anything that is soft on the ears and makes sense.
- Quote: Believe in Self and reach out to others.
- Personality: Consistent, fun loving, positive.

Message to BATians

Always do things that will enable you and your surroundings to be more efficient, lively, productive and full of positive energy, not just at work, but everywhere. However small or trivial you may feel your job is, always give it your best. Doing the right things at the right time has always stood the test of time.

Finally... a quote from Judy Garland

Always be a first-rate version of yourself, instead of a second-rate version of somebody else.





Bioinformatics Enhances Drug Discovery



Rajdeep Poddar

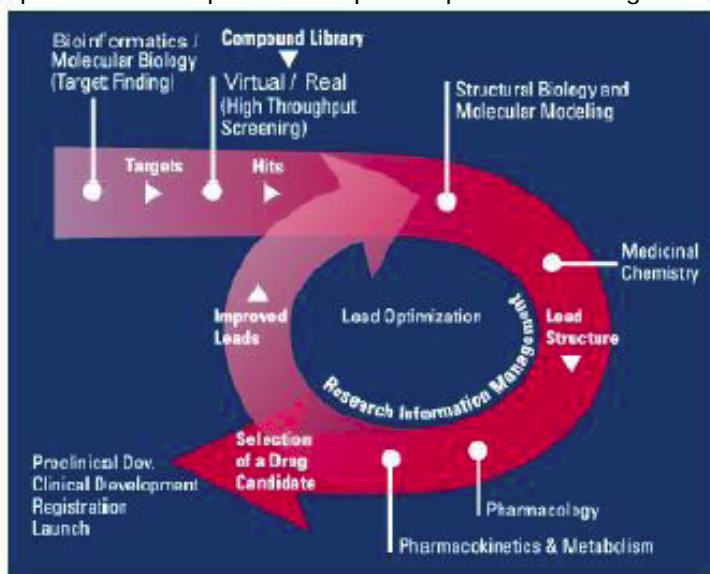
Bioinformatics is an interdisciplinary field which has merged the field of Biotechnology and Information Technology. The Oxford English Dictionary defines bioinformatics as:

(Molecular) Bio-informatics: Bioinformatics is conceptualizing biology in terms of molecules (in the sense of Physical Chemistry) and applying "informatics techniques" (derived from disciplines such as applied mathematics, computer science and statistics) to understand and organize the information associated with these molecules, on a large scale. In short, bioinformatics is a management information system for molecular biology and has many biological applications.

Drug Design- Drug discovery and development is an intense, lengthy and an interdisciplinary endeavor. Drug discovery is mostly portrayed as a linear, consecutive process that starts with target and lead discovery, followed by lead optimization and pre-clinical in vitro and in vivo studies to determine if such compounds satisfy a number of pre-set criteria for initiating clinical development. For the pharmaceutical industry, the number of years to bring a drug from discovery to market is approximately 12-14 years and costing up to \$1.2 - \$1.4 billion dollars. Traditionally, drugs were discovered by synthesizing compounds in a time-consuming multi-step processes against a battery of in vivo biological screens & further investigating the promising candidates for their pharmacokinetic properties, metabolism and potential toxicity. Such a development process has resulted in high attrition rates with failures attributed to poor pharmacokinetics (39%), lack of efficacy (30%), animal toxicity (11%), adverse effects in humans (10%) and various commercial & miscellaneous factors.

As structures of more and more protein targets become available through crystallography, NMR and bioinformatics methods, there is an increasing demand for computational tools that can identify and analyze active sites and suggest potential drug molecules that can bind to these sites specifically. Also to combat life-threatening diseases such as AIDS, Tuberculosis, Malaria etc., a global push is essential. Millions for Viagra and pennies for the diseases of the poor is the current situation of investment in Pharma R&D. Time and cost required for designing a new drug are immense and at an unacceptable level. According to some estimates it costs about \$880 million and 14 years of research to develop a new drug before it is introduced in the market. Intervention of computers at some plausible steps is imperative to bring down the cost and time required in the drug discovery process.

In silico Drug Design- In silico methods can help in identifying drug targets via bioinformatics tools. They can also be used to analyze the target structures for possible binding/ active sites, generate candidate molecules, check for their drug likeness, dock these molecules with the target, rank them according to their binding affinities, further optimize the molecules to improve binding characteristics. The use of computers and computational methods permeates all aspects of drug discovery today and forms the core of structure-based drug design. High-performance computing, data management software and internet are facilitating the access of huge amount of data generated and transforming the massive complex biological data into workable knowledge in modern day drug discovery process. The use of complementary experimental and informatics techniques increases the chance of success in many stages of the discovery process, from the identification of novel targets and elucidation of their functions to the discovery and development of lead compounds with desired properties. Computational tools offer the advantage of delivering new drug candidates more quickly and at a lower cost.



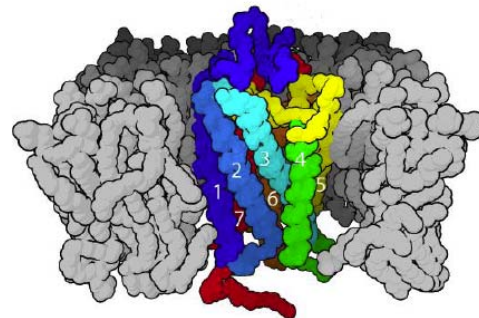
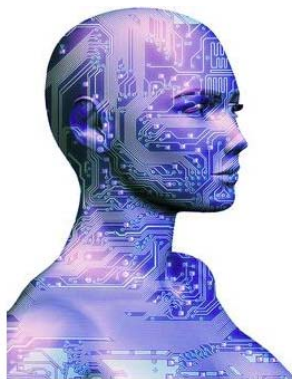
Potential Areas for *in-Silico* intervention in drug discovery process





In brief, the steps involved in drug design are as follows:

- Identify Target Disease.
- Study Interesting Compounds which can be potential drug candidate against targeted disease.
- Detect the Molecular Bases for Disease i.e. Dig the protein and or gene responsible for the disease.
- Rational drug design techniques using compound modeling.
- Refinement of compounds by editing the functional group.
- Quantitative Structure Activity Relationships (QSAR) to detect functional group in drug candidate.
- Solubility of Molecule.
- Drug Testing involving pre- clinical and clinical trials.



The tremendous impact of unraveling the mysteries of the genome is currently being felt across all areas of drug discovery and major challenges for the pharmaceutical industry are in the areas of drug target selection and validation. One can already anticipate the future availability of genetic structure and susceptibility to disease at an individual level. With such information available early, in a research program, the drug discovery scientist is faced with the unprecedented opportunity to address the individual variability to drug therapy and safety prior to advancing a compound in to clinical trials. The exponential growth of attractive novel molecular targets for potential drug therapy has heavily taxed the core disciplines of drug discovery, and automated methods of compound synthesis and biological evaluation will pay an even more dominant role in the future of the pharmaceutical industry.

Drug discovery companies, like **Celera Genomics** and **Millennium**, use genomic and proteomic data for developing new pharmaceuticals. Ellen Beasley, director of bioinformatics at Celera, says, "Bioinformatics is especially useful in early stages of target identification and the drug-target validation process."

In general, Celera takes three approaches to drug discovery. One involves proteomics. For example, Beasley says, "We look for differential expression of cell surface proteins related to cancer." Celera scientists also use genetics for drug discovery. Investigators from Celera and **Celera Diagnostics**, for instance, recently re-sequenced 80 percent to 90 percent of the human genes in 39 individuals and identified over 40,000 new functional single nucleotide polymorphisms (SNPs). "This unique SNP resource then becomes the basis for seeking associations between genes and disease," Beasley says. "The genes identified in these association studies may also be therapeutic targets." Third, Celera acquired **Axys Pharmaceuticals** to develop drugs against protease targets.

Overall, reaching the full potential of bioinformatics demands collaborations. Companies must work together—teaming up directly or simply making their tools compatible across corporate lines—to give research scientists all of the experimental and analytical power available. Such goodwill could lead to prosperity for companies and researchers alike.

References:

1. S. C. Rastogi et al., *Bioinformatics- Methods and Applications: Genomics, Proteomics and Drug Discovery* 314- 364 (India: Prentice- Hall of India Pvt. Ltd., 2005)
2. R. S. Larson, *Bioinformatics and Drug Discovery* 1-9, (USA- Humana Press, 2005)
3. H. L. Koh et al., *Current trends in modern pharmaceutical analysis for drug discovery*, *Drug Discovery Today*, Vol. 8 (19), Oct 1st '03, 889- 897





Printing Continuous Custom Page Size



Shyam Vaidya

Using DOS Based Printing

Still a day in the world of Laser printers, lot of customers are using DOT matrix printer for printing receipts/slips for fast and cost-effective result on pre-printed or blank papers.

There are many reporting tools (e.g. Crystal Reports, Data Reports) available for creating and printing but as compared to DOS printing method other are too slow.

From a developer's point of view, DOT matrix printing is a time consuming task as one has to define Page size, Page margin, customized header/footer, page nos., fonts for each and every line using code. But practice makes perfect and it becomes an art.

Appropriate care must be taken for formatting every line of text. Once it is ready, you can see an excellent output on the printer ☺.

How to use DOS printing?

A DLL can be created for sending RAW data to Dot matrix printer. Refer the below link. This code contains Windows API functions to send RAW data to the Dot matrix printer.

<http://support.microsoft.com/kb/322090>

Now using this DLL, one can follow these steps.

1. Declare instance of DLL
2. Initialize the printer object.
3. Set Custom Page Size/Margins for page (Size in No. of Lines per page)
4. Send required data for printing (here one has to manage all tasks like whether to print Header/footer on each page, text Formatting [Bold/Italics/Underline/Size of font,...], printing page numbers on each page etc.)
5. Send the Form Feed
6. Close the printer object

And one major thing is to Set Printer's Tear-off mode 'ON'. To do that please refer the respective printer's manual.

Below is a code snippet for the same.

```
'Declare an instance for DOS Printing library
Dim PrintDoc As New DOSPrinting.DOSPrinterHelper()
'Declare an constants for Escape Sequence.
Public escChar As String = Chr(27)
Public constBOLDON = escChar + "E"
Public constBOLDOFF = escChar + "F"

Public constCONDENSED = Chr(15)
Public constUNDERLINE = escChar + "45 48"
Public constCANCELUNDERLINE = escChar + "45 49"
'Declare an object for Print dialog to get printer name
```





```
Dim pd As New PrintDialog()  
'Set the printer name.  
pd.PrinterSettings = New Printing.PrinterSettings()  
'Initialize the printer.  
PrintDoc.szPrinterName = pd.PrinterSettings.PrinterName  
PrintDoc.InitializePrinter()
```

'This line is used for setting page size in no. of lines 'Here I have specified 36 lines per page.

```
PrintDoc.SendStringToPrinter(escChar and "C" and Chr(36))
```

'Put your data to be printed on Paper in this block - Block Start

```
Dim strComapnyNameAndAddress As String = ""  
PrintDoc.SendStringToPrinter(constBoldon)  
strComapnyNameAndAddress = Space(1) & strCompanyName.ToUpper  
PrintDoc.SendStringToPrinter(constLargeFont)  
PrintDoc.SendStringToPrinter(strComapnyNameAndAddress)  
PrintDoc.SendStringToPrinter(constNormal)  
PrintDoc.SendStringToPrinter(constBoldoff)  
PrintDoc.SendStringToPrinter(vbNewLine)  
strComapnyNameAndAddress = Space(2) & strAddressLine1  
PrintDoc.SendStringToPrinter(strComapnyNameAndAddress)  
PrintDoc.SendStringToPrinter(vbNewLine)  
strComapnyNameAndAddress = Space(2) & strAddressLine2  
PrintDoc.SendStringToPrinter(strComapnyNameAndAddress)  
PrintDoc.SendStringToPrinter(vbNewLine)  
PrintDoc.SendStringToPrinter(strComapnyNameAndAddress)  
PrintDoc.SendStringToPrinter(vbNewLine)
```

'Put your data to be printed on Paper in this block -- Block End

'Send a Form Feed character for going to next page.

```
PrintDoc.SendStringToPrinter(vbFormFeed)
```

'Ending the printing task....

```
PrintDoc.EndPrinting()
```

Here we are ready for DOS printing!!!

(For more information on Escape Sequence for various printing tasks please visit:

http://www.dragon-it.co.uk/links/epson_printer_codes.htm





Rendezvous With jeevIT Reporter

This time we bring you glimpse of a very popular, cheerful and positive person. She is a trained bharatnatyam dancer, a sportsperson who represented her school and college in badminton....



**Noopur
Gowande**

JR: What is your native place, how long have you been in Pune?

Noopur: I was born in Nagpur, my parents moved to Pune from Mumbai when I was very young. I have done the major part of my schooling in Pune.

JR: Tell us about your education, early years.

Noopur: I have completed my graduation in Computer Sciences from the Cummins College of Engineering for Women. I graduated in 1998 and did few things that I had wanted to do before I join the professional world of work. I have had a flair for languages, learnt German in school and then decided to learn Japanese – did a diploma course, worked as a coach alongside my badminton coach. I went back to my dancing, I am a trained Bharatnatyam dancer, that I had left in pursuit of my studies. And then sometime in 2000, came into the world of work and I have since then been here in the IT world..

JR: Role / Responsibilities in B.A.T.

Noopur: There is broad spectrum of roles and responsibilities that I have undertaken so far. Be it working across domains from healthcare to analytical instruments, to working with products and projects, to various technologies – I have essayed every role with enthusiasm and a desire to surmount all the challenges that came with it I won some, I lost some! But I gained a lot of experience from all of it.

JR: What is your favorite pass time? What do you like to do in your free time?

Noopur: I love innovative cooking, reading, making friends, socializing, listening to music, watching movies. I love to write - short stories, stories for children. I love gardening and grow herbs, vegetables in my garden

JR: Your favorite Book?

Noopur: It is a book in Marathi called "Ek Hota Carver". I find it very inspirational, it is about an American scientist, botanist George Washington Carver, who researched on alternative crops for cotton such as peanuts, soybeans etc. Right from his birth, his struggles and triumphs in life, his humility it is all exceptional. Also, "Atlas Shrugged" by Ayn Rand, every time I read this book, its shows me a newer side to it.. its like a brand new book experience.

JR: Are you into Music?

Noopur: I love music and listen to different kinds of music. I love old Hindi movie songs, Lata Mangeshkar, Phil Collins are my favorite singers.

JR: Your favorite Travel destination?

Noopur: Oh, it is Goa. the beaches, the culture, the friendly people...

JR: You Role model?

Noopur: Steve Jobs- I find what he has done and his journey fascinating, I almost cried the day I read that he was leaving Apple, an amazing man. My mother is another person whom I always look up to. Kiran Bedi is also a brave woman who is inspiring.

JR: If not in IT then you would be in?

Noopur: Oh I would have done any number of things- set up a restaurant, a boutique, a beauty parlour, managed service apartments the list goes on. I guess I still have to find out what is it that I would never want to be out of!





JR: Treasured moments at B.A.T.?

Noopur: The whole journey has been memorable. There have been a lot of ups and downs but it has all been worth it., there has been lots to learn. The opportunities have been quite a many, and I sure have taken my chances with them.

JR: Your philosophy of life?

Noopur: Live and Let live, each one of us has something special, it is up to the mentors/leaders to give opportunities for people to be able to identify their specialties and help them bring out their best. Its like nurturing a sapling to grow into a tree.

JR: All time favorite movies are:

Noopur: I love classics, war movies. My favorites in English -Sound of music, Gone with the wind. In Hindi- Sparsh, Khamoshi.

JR: Do you read JeevIT?

Noopur: Yes of course, it is a fabulous in-house magazine and I absolutely love to read it. I have been a part of jeevIT since its inception and must say it the recent issues have been great. A lot of effort goes into creating a magazine and people must appreciate the efforts.

JR: Messages to BATians?

Noopur: Be open, be frank, be honest. Remember while you are creating a picture of somebody in your mind, so is the other person. So try and be yourself so you can at least give accurate inputs to the other person – that's the least you can do. You can criticize others, but also be open to criticism about yourself.





Technology: For Better Or For Worse



Anup Phadke

What's if this life is full of care, we have no time to stand and stare?

Funnily, these immortal words flowed through W.H. Davies' pen in early 20th century, a fairly modest time, when the Industrial Revolution had just about settled in, commerce was slow and the use of bicycles was, to many, a rare luxury. It was not absurd to sit on river-banks and ponder over the mysteries of the sky and the birds and even the Unknown Beyond. If the scent of a flower enraptured you on your way, you could stoop to experience the fragrance. You felt like taking a cool dip on a hot summer's day, by all means you could. Development loomed imminent on the horizon, yet the path was laidback and a little withdrawn. Time was respected, but, it was not exactly a priceless commodity.

Cut to 2011.

Try and envisage all these set-pieces in modern light. Bicycles have paved the way for motorized vehicles. If you doodled on a piece of paper alongside a river bank, your sanity would be questioned. And sniffing a flower is today, considered effeminate. Gone are the days when you took laborious efforts to script a well-worded letter for your beloved and then spent weeks agonizing over its timely delivery. A simple e-mail today, is all it takes to convey your feelings, albeit, electronically. The touch of a button confirms the receipt of your letter and it is not surprising to receive a reply later in the day. When was the last time you heard grandmothers hum a lullaby to bid the kids to sleep? In fact, how many kids even know the meaning of a lullaby? Infatuation with technology has reached such alarming levels that children today, cannot imagine sleep without their beloved cell phones. Just the sweet thought of cradling a mobile phone in your fingers seems to infuse slumber. Television, when it was invented, was supposed to provide respite after a hard day's work and not many people slashed their pockets for it. Today, television, or TV, as it is popularly called, has captured the imagination of young and old alike, and has become a compulsory spectacle in every household. A cursory glance around and you see that the atmosphere is bubbling with machines. Calculator, microwave, food processor, electronic shaver, dryer, one too many. Internet, arguably, the biggest invention of the 21st century, may well be considered the be-all and end-all of everything there is. A single click opens up a panorama of information. From cook-book recipes to designing of atom bombs, this powerhouse of information has literally (and virtually) redefined the way we live. But then, why would anyone read books at all? Reading, an intellectual exercise meant to regale and enlighten your senses, is dying a quick death. Technology has enslaved man like never before.

Why?' is the mono-syllabic question that rears its head. Why this servility to technology? Why this absolute dependence on machines? Why this ruthless need to create automation in any and every walk of life? Laziness seems to be the only feasible answer. Man by nature is a lazy creature. Passivity comes easily to him. He would quite definitely prefer cozing up in his blanket to toiling in the fields. Also, fortunately (or unfortunately?), he happens to be the sole recipient of God's greatest creation, the brain. Bedecked with this unbeatable feature, man has brazenly tried to subjugate effort. Each step he takes, every move he makes, is directed toward but a single goal: Elimination of effort. So we have scientists with peppered foreheads working in dreary laboratories, ceaselessly trying to discover new ways and means to counter human effort. Research has gyrated so powerfully to human tunes that something that works today might not be relevant tomorrow and supplanted by something even bigger (and better!). There was a time when men speculated about the pros and cons of technology and the impact it would have on human life. That bother and concern today, have gone for a toss. The bounty realized from a novel invention is so mammoth that we no longer look at the many adverse effects that it could cause. Most of the modern gadgets brim with radiations that are cancerous in nature. Excessive indulgence in any of the machines makes one liable to a poor and distorted immune system. Result? Physically handicapped babies bearing the brunt of your negligence. Of course, the buck doesn't stop there. Most of these shortcomings are hereditary, so the defect is conveniently passed on to the progeny and the cycle continues. In fact, the day is not far off when we shall see robots dictating terms to hapless humans. So do we leave behind a hi-tech legacy for our kith and kin at the expensive cost of their very lives? Have we become so comfy-crazy that we allow tin boxes to take over our planet? Time is running out. Decide Fast.





Hobby Lobby



Kalyani Joshi
Hobby- Making Sketches– Mehendi, Cartoons, etc.
Sketching since last 4-5 years



David Joseph
Hobby- Collecting Comics
Collected ~92 comics since 2004



Pic taken while Trekking @ Gorakhgad



Manish Patil
Hobby- Trekking
Trekking since last 10 years



Pic of Garden @ Neelima's Residence



Neelima Ghatpande
Hobby- Gardening
Doing since childhood

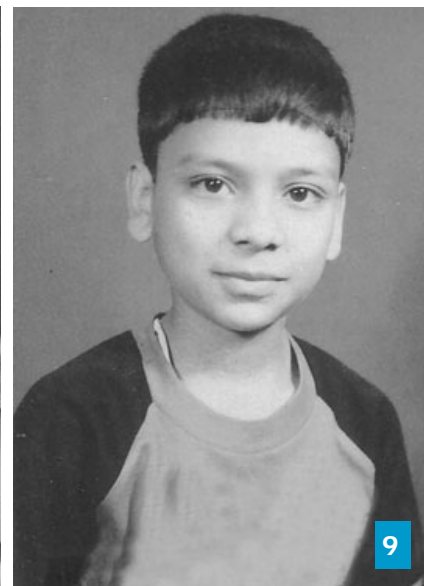


Manjushri Gawhane
Hobby- Playing Guitar
Playing since last 1 yr. She likes her class band "Lord of the Strings" a lot...





Guess Who Contest



Mail your guesses by 19th October 2011 to grp-jeevit@bioanalytical.net.
First Contestant to send all/maximum correct guesses will be announced on
20th Oct 2011.





Guess What SMT Is Thinking



APC



VVG



MHJ



SRK



MVP



NAV



AKS



PDS



NSJ

Send your comments and let us know what each of them is thinking!!!

Mail us at grp-jeevit@bioanalytical.net by 19th October 2011.

We will then share all the comments received on each SMT snap with grp-all.





*jeevIT team wishes you
"Happy and Safe Diwali"*