



VIBRANCE

An E-magazine from Department of I.T, I.T.S, Mohan Nagar Ghaziabad

(NBA Accredited MCA Program)

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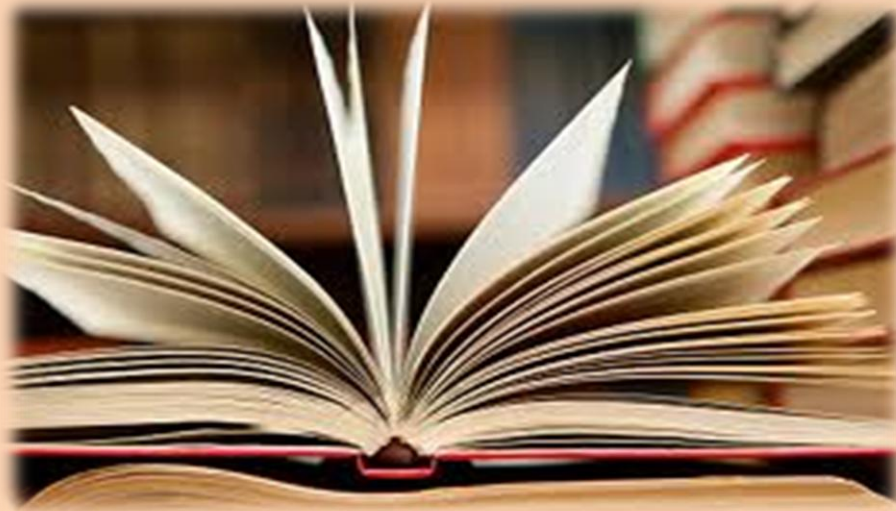
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SOCIAL NETWORKING SITES AS A BOON OR BANE

PANKURI
MCA 1st Year

Social networking sites were started on the internet the form of generalized online communities to group the people having same interest and to share their ideas. The first recognizable site is SixDegree.com which was launched in 1997. Till now there are more than 200 social networking sites are in the internet. Facebook was launched in 2004, has become the largest site in the world.

In this hi-tech era of science and technology, networking sites like Google, facebook, yahoo, twitter, etc. have become inseparable parts of our life. They have minimized the whole world. We are able to communicate with our dear ones who are miles and miles away. We can know about event taking place across the global. About 2/3 of the world's internet population visit a social network or blogging sites.

Some facts about FACEBOOK

- ▶ Facebook help us to connect to people in our lives.
- ▶ About 24% status 'sharing' is done on facebook which is maximum among all sites.
- ▶ Today children as well as adults have their account on facebook.
- ▶ Facebook helps us to communicate with those who are out of our physical reach.
- ▶ We can share status, tag people, send greetings and lot more...

Social networking sites is a Boon

- ▶ We can keep in touch with friends in today's busy world.
- ▶ We can improve ourselves by sharing new ideas, information and knowledge.
- ▶ Teachers and professors are making groups to extend classroom discussion to posting assignments, tests and quiz.
- ▶ Many companies are developing interactive communities that connect individuals to share business need & experience.

▶ We can find our friends easily, if we lost contact.

Social networking as a Bane

- ▶ Many people are getting addicted to the social networking sites that they are preferring online conversation rather than face-to-face. It will affect communication skills, relationship and even mental health.
- ▶ Some children are playing online games with their friends, and they are not at all concentrating on the physical activities. It'll effect on their physical health.
- ▶ Some people are using other person's personal information for variety of purpose.
- ▶ There is a high risk for children and teenagers to be mislead by SNS.
- ▶ Gossips and rumors spread soon.
- ▶ Spending in front of computer for long hours create so many health problems.

CONCLUSION

Social networking sites are boon in today's world. And it completely depends on how we use them, whether to improve ourselves or to degrade. But children and teenagers must be guided by their parents and well-wishers as they don't know what is good and what is bad. And everyone, who is using SNS should take care about their personal information.





.NET FRAMEWORK 4.5 AND ITS NEW FEATURES

SHIVAM SHARMA
AVON HEWITT, GURGAON
MCA ALUMNI (Batch 2002-05)

.NET Framework 4.5 includes many new features including considerable changes in existing characteristics. As expected .NET 4.5 come with support for Windows 8 Managed Metro-style applications. Feature like Background multi core Just-in-Time (JIT) uses the complete strengths of the multi core processor PCs.

Native Image Generation (NGen) tool enable us appreciably faster application startup than is seen with **JIT compilation**. An additional tool named **Managed Profile Guided Optimization (MPGO)** is used to optimize the layout of native images for even better performance.

New framework introduces a configuration attribute for run-time schema that enables support for arrays larger than 2 GB. Need to enable the *gcAllowVeryLargeObjects* element that controls the behavior of the .NET garbage-collection system.

Managed Extensibility Framework (MEF) introduces to support for generic types and multiple scopes. For WPF it includes improved data validation and a new Ribbon control.

New features in C# and Visual Basic using “async” and “await” for asynchronous programming introduced. It will add a task-based model for performing asynchronous operations fruitfully. This is the part of Visual Studio Async CTP as important feature of .NET 4.5.

It introduces a new constructor for the Regular expressions that accepts a TimeSpan matchTimeout parameter to establish a timeout for the regular expression resolution as well.

It gives support for International Domain Names for Windows 8 Apps using. .NET 4.5 enhances the parallel computing libraries (PCL) while made the significant changes to the existing APIs for improved performance of the overall application.

.NET 4.5 Entity Framework supports a new feature called Auto-Compiled LINQ Queries by which every LINQ to Entities query executed automatically gets compiled and placed in the Entity Framework query plan cache. Thus save the compilation process for each execution.

Conclusion: There are so many new features introduced for .NET 4.5 like Bin assemblies interning, Prefetcher, Multicore JIT, High-density GC and many more to play with and making best applications demanded by most organizations in the world.



INTERVIEW OF THE MONTH



Life will keep throwing up many opportunities, be open to as many of them as possible

SATISH GOVIND,
MANAGING DIRECTOR,
VIDHYATECH SOLUTIONS PVT. LTD.

1. How do you foresee IT education in India?

Though India currently produces a large number of IT students each year, many of them are far from being readily employable. I foresee a strong, concerted multi-dimensional effort in the next few years by the academia, industry and Government towards remedying this situation.

2. What according to you is role of IT institutes towards fulfillment of industry demand?

I believe the most important role of IT institutes is to make sure their students get a strong foundation in the fundamentals of IT, because these never change, and any student who is strong in these can easily build upon this foundation. In addition, I believe that IT institutes should be able to understand current and future IT trends and requirements, and help the students build on the foundation accordingly.

3. Sir, what is your perception about I.T.S?

Based on my personal experience with many institutions in NCR, I have certainly found I.T.S to be one of the best institutions in this region in terms of students, faculty, facilities and management commitment.

4. As we know about the ageing workforce throughout the world and India being eyed upon as young nations, so what are your suggestions for institutes like us to encash this opportunity?

No doubt this will open up huge opportunities for India. However, I think we will be able to benefit significantly from this only if items 1 and 2 above are taken care of.

5. Sir, your valuable advice for our students.

Learn the fundamentals well. Be flexible. Business (and therefore any job) is not about programming, testing etc., it is about solving customers' problems. Life will keep throwing up many opportunities, be open to as many of them as possible. And never ever stop learning and expanding the breadth and depth of your knowledge and skills



Happenings @ I.T., Dept. in JANUARY 2013

IBM-Month

Training on IBM-RAD for MCA 4th Semester Students

Prof. Abhay Kumar Ray , Prof. K.P. Singh and Prof. Saurabh Saxena of department of I.T., I.T.S, Mohan Nagar conducted four days student



development programme on **"IBM RAD 7.0"** during 11th Jan, 2013 to 14th Jan 2013 for the MCA 4th semester students.



Different topics like Workbench Basics, Java development, Web Development, Database, Running Application, Debugging and Testing, Packaging and Deployment. The training was concluded by the online Mock Test.

3-days full time rigorous Student Development Program on IBM – DB2 Technology for MCA 4th semester students



Department of I.T, I.T.S, Mohan Nagar conducted three days Student Development Program (SDP) on IBM – DB2 Technology for the students of MCA IV Semester during 17th to 19th January, 2013.



Students have undergone a three days full time rigorous training.



Happenings @ I.T., Dept. in JANUARY 2013

Dr. Debesh Das, Professor-CSE, Jadavpur University, Kolkata delivered a talk "India and Self-reliance in IT" by at I.T.S, Ghaziabad

CSI-Student Branch at Department of I.T., I.T.S, Mohan Nagar, Ghaziabad organized a talk by Dr. Debesh Das, Professor-CSE, Jadavpur University, Kolkata on "India and Self-reliance in IT" on 9th January, 2013. Dr. Debesh is a Professor-CSE, Jadavpur University, Kolkata, Chairman, CSI-Division III (Applications), Ex-Minister in IT, West Bangal and President Free Software Movement in India. He is also involved in Research with special interest in VLSI design, VLSI testing, Logic Synthesis, etc. and is having 23 years experience in this particular field. He was a visiting Professor of Asian Institute of Technology, Bangkok.



While addressing the gathering, Dr. Das emphasized on the usage of Free Software and told that we should not go for Proprietary Software and stop using the licensed software. He discussed about several advantages of using Free Software like that we have complete control on every part of the software being used, have complete permission to change the same if it is required and if we face any of the problem in doing so then there are so many peoples in the world who are there for the support.

I.T.S, Ghaziabad won Best CSI Student Branch Award

It is a pride pleasure for all of us that I.T.S Ghaziabad received the Best "CSI (Computer Society of India) Student Branch Award" in AGM of CSI Ghaziabad Chapter held on 12th January, 2013.



MCA student bring laurels to the Institute



Sachin Verma MCA VI Semester was adjudged as "Most Active Student Member" by CSI (Computer Society of India) in its AGM held on 12th January, 2013.

Happenings @ I.T., Dept. in JANUARY 2013

PARAMARSH



On 19th January, 2013 a unique counseling-cum-experience sharing session was conducted by MCA Alumni, Venktesh Ratnam Dwivedi (IBM, Gurgaon), Varun Kumar (FISERV, Noida) & Praveen Awasthi (FISERV, Noida), UG Alumni and some of the existing students of MCA Programme for undergraduate (BCA) Programs at I.T.S, Ghaziabad.



The objective behind this session was an interaction amongst students of BCA and MCA Alumni and existing undergraduate students.

Mr. Mani Madhukar, Technical Lead, N&E IBM, India conducted a session on IBM-TGMC

A Special session on IBM – TGMC was conducted by IBM on Monday, 21st January, 2013 for the students of MCA IV Semester. Mr. Mani Madhukar, Technical Lead, N & E India | Academic Initiative was the resource person in the session. During the session, Mr. Mani spoke about various issues related to Project Development and the factors which play crucial role in election and must be taken care of before submission for critical assessment and evaluation.

Mr. Mani, in his address spoke on Project Development process and creation of SRS Documents and explained the objective, need and significance of the participation in an event like TGMC, which is a global event and provides an opportunity to learn, develop and compete at a global forum. He said that the kind of exposure all participating student get during the entire process and different phase of project development life cycle, immensely contributes in understanding the professional way of developing the projects which is very important for getting good placement.

After the session, Mr. Mani also reviewed the SRS prepared by the students critically and gave constructive suggestions to improve upon. More than 12 teams got their SRS reviewed by him. He was happy to see the efforts of faculty members and students in the projects and appreciated their efforts. Mr. Mani advised the students to be focused while working on projects.



ALUMNI SPEAK



SHAILENDRA MALIK
FISERV, GURGAON
(Batch 2000-03)

If I try to figure out what was the best thing that happened to me in my academics, undoubtedly it was the decision to join I.T.S in 2000. Support from teaching staff, placement cell, administration dept was always unconditional. If I remember it right, ours was the first batch to study U.P.T.U syllabus and that was the time when teaching staff did a phenomenal job in putting everything together ensuring our smooth run throughout the course. I am so very glad that I am a part of I.T.S family.

Announcement and Contact Details

VIBRANCE is an E-magazine of Department of I.T, I.T.S, Mohan Nagar. We look forward to the contribution from our students, alumni, faculty members and industry expert.

Authors are advised to send their contribution to our editorial team at:

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