



A QUARTERLY NEWS LETTER



नभग
Flight to Success
NABHAG

स्वामी श्रद्धानन्द
कुलपिता

FACULTY OF ENGINEERING AND TECHNOLOGY
GURUKULA KANGRI VISHWAVIDYALAYA, HARIDWAR

Volume 3(3)

Jan-Mar 2013

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Invited Lecture on Interview Skills



lecture on interview skills by Mr. Kamal Kumar, Rt. Col. From Army Education Corps

Personality Development Seminar



TIME institute Roorkee conducted a Personality Development Seminar & Scholarship Exam

IBM DB 2 Workshop in Computer Science Department



IBM Db2 workshop

IBM Db2 workshop

Great Achievers



Prateek, ME final year student scored outstanding marks in GRE(320 out of 340) and TOEFL(109 out of 120). We congratulate him for this achievement and wish him for a great future.

Manudev, CSE final year student got placed in Basware Corporation in a Campus Placement Drive. We congratulate him for a successful future.



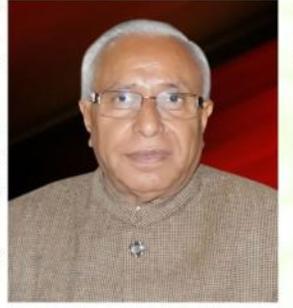
Messages

It gives me immense pleasure for successful journey of "NABHAG" from last three years. Now "NABHAG" has become the voice of faculty of Engineering & Technology and providing a platform to faculty, staff & students for interacting and sharing the knowledge and information.

The initiative taken by Prof. R. D. Kaushik, Dean Faculty of Engineering and Technology made great changes in FET. People associated with FET getting great exposure and are involved in research activities, setting new benchmarks in academic achievements. "NABHAG" is playing a vital role to support these activities.

My best wishes are with "NABHAG" team for the year 2013 and I congratulate them for their successful journey.

Prof.(Col.) Swatantra Kumar
Vice Chancellor



In the era of Information Technology things are moving very fast because of easily accessible knowledge bank and information sharing without any boundary. NABHAG is playing a vital role to fulfill all these requirements. A journey started in September 2010 in leadership of Prof. R. D. Kaushik, Dean Faculty of Engineering and Technology, is setting new benchmark day by day.

I appreciate the efforts made by NABHAG team for publication of quarterly news letter which became a good platform for the faculty, students and staff for sharing their achievements, knowledge and vision.

Prof. A. K. Chopra
Registrar

From Vedas



प्रो०सत्यदेव निगमालंकार,
अध्यक्ष-श्रद्धानन्द वैदिक शोध संस्थान,
गु०कां०वि०वि०, हरिद्वार

जिनका हम सदा सत्कार करें

जातो यद्गने भुवना व्यख्यः पशुन्न गोपा इर्यः परिज्मा ।

वैश्वानर ब्रह्मणे विन्द गातुं यूयं पात स्वस्तिभिः सदा नः ॥ ॥ ऋगु०७.१३.३ ॥

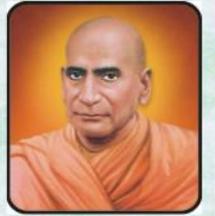
जो सूर्य के सदृश, परोपकार, विद्या और उपदेश जिनके प्रसिद्ध हैं, वे जैसे गौएं बछड़ों की रक्षा करती, वैसे विद्यादान से सबकी रक्षा करने वाले सर्वदा घूमते हुए वेद, ईश्वर को जानने के लिये राज्यरक्षणार्थ राजा के तुल्य न्यायशील होकर सब सुखों को बोध कराते, ऐसे महामानव सदा सबके सत्कार करने योग्य होते हैं।

From Archives



मैने यह संस्था अंग्रेज सरकार के गुलाम डिप्टी कमिशनर पैदा करने के लिए नहीं खोली है, इस संस्था को स्थापित करने का उद्देश्य तो ऐसे स्नातकों का निर्माण करना है जो अपनी जन्मभूमि को गुलामी के अभिशाप से मुक्त कराने के लिए अपनी जान की बाजी लगा दें.....

स्वामी श्रद्धानंद



सौजन्य से हेमन्त आत्रेय

People taking care of FET

Department of Electrical Engineering



Mr. Deepak Verma & Mr. Ashok (Lab Technician)

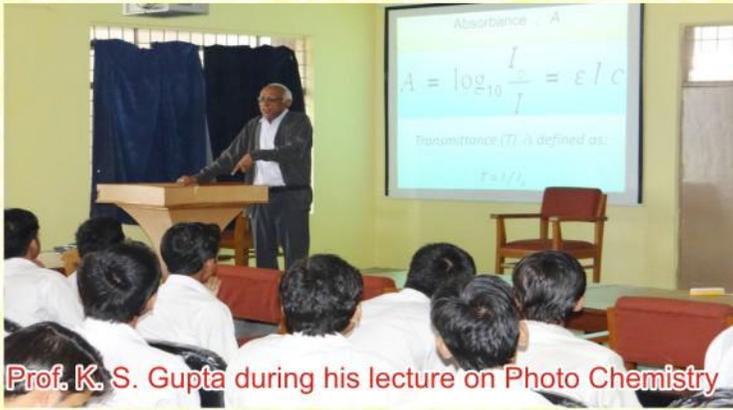


Mr. Pradumn & Mr. Pawan (Lab Attendant)

FACULTY NEWS

1. Semester classes started from January 1, 2013.
2. FET pays mark of respect to Mr. Satish Kumar who passed away in the month of January.
3. Mr. Meetha Lal Meena of Department of Electrical Engineering attended a "QIP Short Term course" at IIT Bombay on "Variable Structure and Sliding Mode Control Concept Theory and Application" during January 21 – 25, 2013
4. The prize distribution ceremony for the various events organized in the FET during last semester was held on 26th January in the university hockey ground. Vice Chancellor Prof. Col. Swatantra Kumar distributed the prizes to winners, runner ups and organizers of the events.
5. Martyr's day was celebrated in FET on January 30, 2013 under NSS unit 3 & 4.
6. Pushp Ranjan of CSE VI sem was selected as Microsoft Student Partner(MSP) by Microsoft India.
7. Manu Dev of CSE VIII Sem was selected in Basware Corp. in an off campus recruitment on February 13, 2013.
8. Mr. Manoj Kumar Patel attended a workshop on "Development of Mathematics in India" organized by IIT, Bombay during February 6-15, 2013.
9. A Blood Donation Camp was organized in FET in which 85 units of blood was donated by the students on February 13, 2013.
10. Mr. Gajendra Singh Rawat & Mr. Sanjeev Lambha attended a short term course on "Small Hydro Power Development" organized by AHEC, IIT Roorkee during February 18-22, 2013.
11. Mr. Kamal Kumar, Rt. Col. from Army Education Corps gave a lecture on interview skills in FET on February 26, 2013.
12. FET Placement cell organized AIMA "Employability Test 2013" for B.Tech final year students on February 27, 2013.
13. Department of Computer Science organized Aptitude and Scholarship Test for aspiring MBA students in collaboration with TIME Institute Roorkee on February 28, 2013.
14. Dr. Vivek Goel & Dr. M. M. Tiwari attended a training program on "Promotion of Innovation in Higher Educational Institutions" organized by IIT, Roorkee during March 1-5, 2013.
15. UKPSC (Uttarakhand Public Service Commission) successfully conducted a Forest Ranger Exam -2012 during March 2-10, 2013 in FET.
16. Dr. Lokesh Joshi, Dr. Vivek Goel & Dr. Devendra Singh attended a workshop on "The Physics and Mathematics of the Universe" organized by Department of Physics & Mathematics, GKV, Haridwar during March 11-12, 2013.
17. Dr. Sunil Panwar, I/C Applied Physics Department, worked as member of local organizing committee of the workshop on "The Physics and Mathematics of the Universe" organized by Department of Physics & Mathematics, GKV, Haridwar during March 11-12, 2013.
18. Dr. Sunil Panwar, I/C Applied Physics Department, presented a project and have received a grant of Rs. 8.12 lacs under UGC sponsored project.
19. A Red Ribbon Program was organized in FET under NSS unit 3 & 4 on March 13, 2013.
20. Dr. Mayank Aggarwal was invited as speaker & Judge in national seminar at BSI, Roorkee on March 14, 2013.
21. Department of Computer Science & Engineering organized a workshop on IBM DB2 tools and skills for II year students from March 12-15, 2013.
22. Department of Computer Science organized a workshop on "Windows 8 based Phones" in accordance with Microsoft student partner program on March 16, 2013. Pushp Ranjan of CSE VI sem coordinated the workshop.
23. Workshop on Screen Printing (Five Days), & Workshop on Paper Conversion (Ten Days) under "Science and Technology Based Entrepreneurship Development Training Programme" was organized by UCOST (Uttarakhand State Council for Science & Technology) during March 16-25, 2013.
24. Hon'ble Vice Chancellor, Prof.(Col.) Swatantra Kumar, G.K.V., Haridwar inaugurated Mechanical conference Hall on 16 March 2013.
25. An Invited talk on Photo Chemistry was delivered by Prof. K. S. Gupta on March 16, 2013.
26. A special camp was organized successfully by NSS unit 3 & 4 from March 16-22, 2013 at Punya Bhoomi Kangri Village, Haridwar.
27. Dr. Vivek Goel presented a paper entitled "Glimpses of Pati-Ganit" in a National Seminar at DAV PG College, Muzafarnagar organized from March 19-20, 2013.
28. Dr. M. M. Tiwari presented a paper entitled "Nano Science & Technology: Medicinal Aspect" in National Seminar at DAV PG College, Muzafarnagar organized from March 19-20, 2013.
29. A workshop on Computer Aided Design (CAD) was organized in Department of Mechanical Engineering in collaboration with Xtrude Engineer's CAD for Mechanical Engineering students on March 22, 2013.
30. Uttarakhand Public Service Commission (UKPSC) conducted a Combined State Engineering Main Examination - 2012 at FET on March 23 & 24, 2013.
31. Amit Saxena of CSE IV Sem participated in "Robo Maze" event under Renaissance '13 in Delhi Technological University and was the winner of the event.
32. About 13 students from FET passed GATE -2013 with good percentile score.

FACULTY NEWS



Prof. K. S. Gupta during his lecture on Photo Chemistry



Mr. Meetha Lal Meena during the QIP at IIT, Bombay



Dean FET felicitating Mr. S. N. Panday, Exam controller (UKPSC)



Dr. M. M. Tiwari & Dr. Vivek Goel Attended short term course at IIT, Roorkee



PNB Exam @ FET



AIMA "Employability Test 2013" @ FET

Inauguration of Conference Hall of Mechanical Engineering Department



Hon'ble Vice Chancellor Prof. Col. Swatantra Kumar Inaugurating the Mechanical Engineering Department Conference Hall

Prize Distribution Ceremony



Hon'ble VC, Prof. Col. Swatantra Kumar awarding the winners of FET events on Republic Day



On the occasion of republic day 26 January, 2013 a prize distribution ceremony was organized in the University play ground for FET students. Winners from various events like Football, Cricket, Badminton, Table Tennis, Basketball and Volleyball were awarded by Hon'ble Vice - Chancellor Prof. Col. Swatantra Kumar & Prof. R. D. Kaushik, Dean, FET. Winners of individual events like LAN Gaming events, Quiz Competition, Essay competition and other activities were also awarded.

Excursion to Mussorie



One day outdoor trip on 27-Jan-2013 was organized for B.Tech First Year Student. 200 students in Five Buses along with Faculty staff member started their journey at 7.00am for Musoorrie. They visited Shiva Temple, Kempty Fall, Mall Road, Museum etc. Students did boating, rope riding, photography at different natural sites, shopping and Lunch together. They returned at 9.00 pm at GKV campus.

CAD Seminar By Xtrude Engineer's CAD



Blood Donation Camp



A Blood donation camp was organized in FET, Gurukul Kangri Vishwavidyalaya. In this camp, 85 units of blood was donated. The session was inaugurated by respected Vice Chancellor Prof. Swatantra Kumar. He told about the benefits of donating blood and morally boosts up the students, to come forward to help others.

Dr. Parwati Pandey of (USACB) Uttarakhand State Aids Control Board told about the precautions against HIV AIDS. Blood Bank Officer, Dr. S.N. Khan quoted that age limit for blood donation is extended to 65 years and it would also consequently reduce the chances of unprecedented death. During this session, Prof. R.D. Kaushik, Dr. Lokesh Joshi, Dr. Ajay Kumar, Dr. Vivek Goel, Dr. M. M. Tiwari, Mr. Gajendra Rawat, Mr. Suyash Bhardwaj were present.

Martyr's Day Program



A program was organized on the Martyr's Day on January 30, 2013. Martyr's day is celebrated to remember the Father of the Nation Mahatma Gandhi for his ideology and contribution for the nation. On this occasion Prof. R. D. Kaushik, Dean FET shared life of Gandhi ji and his friendly relationship with Swami Shraddhanand ji. Students also took oath to complete the pending work of Gandhi ji on this day. An invited talk by Mr. Arvind Kote was organized on this occasion on the topic "Youth Development and leadership". A Speech Competition was organized on the topic "Gandhi ji as Freedom Fighter", Alok Rai of EE II sem won the first prize in this event.

Camp at PunyaBhoomi



A seven day special camp was organized by NSS unit 3 & 4, Gurukul Kangri Vishwavidyalaya, Haridwar at Punyaabhoomi Kangri Gram, from March 16 to 22, 2013. Everyday the camp was started with Yajana. During this camp various activities were organized in Kangri village by the volunteers including Literacy Campaign, Cleanliness Drive, Sparsh Ganga Cleanliness Drive, Polythene Abolition Drive for environmental conservation. Yoga classes were organized for the mental development of the volunteers. A rally was organized against Dowry System, Intellectual analysis of volunteers and various other cultural activities were also organized during this camp. The camp was coordinated by Dr. Ajay Kumar and Dr. Lokesh Joshi, NSS Program Officer, Unit 3 & 4, GKV, Haridwar.

Red Ribbon Program



A Red Ribbon Program was organized in FET under NSS unit 3 & 4 on March 13, 2013. In Red Ribbon Program Prof. Navneet, coordinator, NSS, GKV, Haridwar explained students about the activities of Red Ribbon Program. He also distributed the prizes to the winners of speech competition, essay competition & Slogan Competition.

ऋग्वेद का यह अद्भूत सूत्र जिसका अर्थ है कि स्वराज्य के लिये सभी नागरिकों को सदैव जागृत रहना ही चाहिये वस्तुतः वैदिक धर्म आपके मेरे सभी के जीवन के महत्वपूर्ण तथा साधारण दिखने वाले सभी पक्षों के विषय में निरंतर सावधान रहने की प्रेरण देता है। वेद बिना किसी सशंय के स्पष्ट उद्घोष करता है कि पराधीन होना किसी की राष्ट्र के लिये उचित नहीं हो सकता। लोकतंत्र का आधुनिक बताने वाले जानकारों की चमत्कारिक रूप से वेद राजा का चुनाव होना चाहिये अथवा राष्ट्र की सम्मति से राजा का निर्वाचन हो इस हेतु भी आज्ञा देता है। (अथर्ववेद. 3.5.6.7) राजा के समस्त क्रियाकलाप नागरिकों के लिये कल्याणकारी हों तथा शासक व शासन व्यवस्था का दायित्व है कि वह लोक कल्याण हेतु योजनायें बनायें इस हेतु वेदों में स्पष्ट व्यवस्था का उल्लेख मिलता है, यह सभी तथ्य इस कथन को सत्यापित करते हैं कि वेद अनादि तथा शाश्वत हैं तथा वर्तमान व भविष्य की सभी सकल्पनायें इनमें निहित हैं। भारतवर्ष का यह दुर्भाग्य है कि हम भारतवासियों ने वेदों का अनुसरण नहीं किया अन्यथा हमारा इतिहास गुलामी के कलंक से कलंकित नहीं होने पाता जब-जब हम वैदिक धर्म को धारण नहीं करेंगे तब-तब हमारी उन्नति बाधित होगी वह लोग जो धर्म का अर्थ बंधन से करते हैं उनसे निवेदन है कि वेदों का अध्ययन करने का प्रयास करें निःसन्देह वेद बाधता है परन्तु वह सारे बंधन लोक व राष्ट्र कल्याण हेतु हैं उन बन्धनों में स्पष्ट उद्घोष है कि राष्ट्र में शिक्षा को हर नागरिक हेतु उपलब्ध होना ही चाहिये इससे इतर कि व्यक्ति का दैनिक क्रियाकलाप क्या है उसका व्यवसाय क्या है आदि-इत्यादि।



आर्यसमाज के प्रवर्तक महामानव श्रद्धेय स्वामी दयानंद जी तथा उनके समान ही श्रद्धा योग्य उनके पथानुगामी स्वामी श्रद्धानन्द जी महाराज ने वेदों के इस उद्घोष को आजीवन प्रसारित किया कि प्रजा के लोग भय मुक्त होने चाहियें दोनों महापुरुषों ने आजीवन इस सिद्धांत का अनुसरण किया तथा निर्भय जीवन व्यतीत कर अनुकरणीय उदाहरण इस जगत के सामने प्रस्तुत किया। वैदिक धर्म कहता है कि वह व्यक्ति जो धर्म को अपने हित के लिये या अपने किसी स्वजन के हित के लिये स्वार्थ से वशीभूत हों प्रयोग करता है तब वह घोर पापी तथा पाखण्डी व्यक्ति प्रबुद्ध जनों में धर्म के प्रति अश्रद्धा उत्पन्न करने का कारण बनकर धर्म को कलंकित करता है क्योंकि सत्य धर्म अर्थात् वैदिक धर्म तो मात्र सदगुणों का स्रोत है तथा धर्म का प्राथमिक उपदेश सद्चरित्र का वाहक होना है। सभी मनुष्यों को अपना ही स्वरूप मानना तथा सभी अन्य धर्मावलंबियों से भी प्रीतिपूर्वक व्यवहार करना चाहिये तब मातृभूमि अपने सभी नागरिकों तथा राष्ट्र को अपूर्व संपत्ति से युक्त कर देगी परन्तु इस सबके लिये आवश्यक है कि हम सभी राष्ट्र जन पूर्ण सजगता के साथ वैदिक धर्म तथा आर्य समाज द्वारा स्थापित '10' नियमों को जीवन में धारण करते हुये 'कृष्णंतो विश्व आर्यम्' के पथ के सच्चे अनुगामी बनें।

शत्रुघ्न झा

पुस्तकालयाध्यक्ष अभि० एवं प्रौद्यो० संकाय

MSP Session- Windows 8

A session on Windows Phone-8 Application design was organized by Pushp Ranjan and Lucky Jain (both CSE, III year) under the "Microsoft Student Partners" (MSP) program on March 15, 2013 in Old Seminar Hall, FET. Objective of this session was to familiarize students with Windows Phone SDK-7.1, C#, XAML, Windows App Store and e-resources that are available for self-learning and application development.

Windows Phone SDK is an IDE for developing Windows Phone applications, C# is a programming language used for logic design and XAML for the graphics design.

This session started at 3.30 pm and finished at 5.00 pm concluded with resource distribution which included two video series on C#, XAML and Windows Phone SDK setup.



COST OF QUALITY

Globalization is one of the key trends in the business world today. As business operating costs continue to rise and international competition grows more intense, all organizations will find it increasingly difficult to compete on price. Organizations must maintain their cost competitiveness and ensure that the quality of their products and services are meeting their customer's requirements. Cost of quality provides a means to gauge the return of quality in an organization.

Cost of Quality is recognized as a major tool used to quantify the qualitative improvements of an organization. The costs associated with quality are divided into two categories: costs due to poor quality and costs associated with improving quality. Prevention costs and appraisal costs are costs associated with improving quality, while failure costs result from poor quality. The cost of poor quality can add to the other costs used in decision making, such as maintenance, production, design, inspection, sales and other activities. A reduction in quality costs leads to increased profit.

Quality costs cross department lines by involving all activities of the organization- marketing, purchasing, design,



manufacturing, and services. Some costs, such as inspector, salaries and rework, lost sales and goodwill. In all Quality costs are defined as those costs associated with the non achievement of product or service quality as defined by the requirements established by the organization and its contracts with customers and society.

The goal of using COQ is to increase prevention activities in order to eliminate internal and external failures and to reduce appraisal activities. Reduction of COQ must be part of a sustained quality improvement process in an organization headed by top management through quality awareness program.

Kapil Mittal

Department of Mechanical Engineering



Tips & Tricks to Reduce Battery Drain

Trick #1 – Adjust Brightness Setting. Press on Automatic Brightness and allow your Droid to control the brightness of your display based upon the amount of ambient light.

Trick #2 – Adjust Time Out Feature. With this feature, you set how long you want your phone display to stay light before it automatically shuts itself off.

Trick #3 - Update Settings on the Power Control Widget. This widget allows you to control 5 functions of your phone and they each affect your Droid's battery life.

Trick #4 – Kill Running Apps. Your phone runs apps even when you aren't using them. Apps may close eventually, but you can force them to close when you are not going to use them again.

Trick #5 – Turn OFF Live Wallpapers. They sure are fun and pretty to look at, but they definitely reduce your Droid battery life faster than a static wall paper will.

Trick #6 - Turn Off Apps That Need Constant Updating. As you may surmise, apps that frequently update will be draining your battery life with each update.

Trick #7 – Use Airplane Mode. This will disable your Droid from sending or receiving calls and will disable your cell phone from sending or receiving data.

Trick #8 – Monitor Battery Usage. The first summary screen will tell you in percentages what features are using up your battery life. Press on an item to see more information.

Trick #9 – Follow the method of full charge and full discharge. Don't put your phone on charging when there is the battery remaining it for another few hours unless it's very important.

Trick #10 – Switch the vibrate function off on your phone, using just the ring tone.

The vibrate function uses additional battery power. Keep the ring tone volume as low as possible.

Trick #11 – Avoid using unnecessary features. If you know it will be a while before your phone's next charge, don't use the camera or connect to the Internet.

Trick #12 – Turn on the battery save/ power saving feature. This will reduce the brightness level and also put on hold the data connection and other services if the droid is not in use.

Trick #13 – Turn the phone off when not in use. Put it to wake up mode so that it will turn on itself in morning

Trick #14 – Turn off Bluetooth, wifi and data connection when not in use.

Trick #15 – Charge your battery correctly, in accordance with its type.

Trick #16 – After each month remove your battery from mobile phone and let it rest for an hour, it will give battery a breath and it will last longer.

Suyash Bhardwaj

Department of Computer Science & Engineering 9

Fuel Forever

Petroleum was first developed to produce kerosene for home lighting. Before that time only very wealthy people could afford to stay up after dark. So important was the need for oil that in looking for sources which could supply kerosene. Petroleum was found quite satisfactory but the quantity was small and uncertain. Edwin Drake, a former conductor on the New York, New Haven and Hartford Railroad, came to Titusville, Pennsylvania, to search for oil. Instead of collecting oil in small quantities, he intended to drill an oil well. After many failures he finally struck oil. Three years after the first successful well, two million barrels of oil a year were being produced. Incidentally, we now use more than this amount every day. Dunlop had already solved the tire problem and the year of the Centennial in Philadelphia, America heard of the internal combustion engine - an engine that used gas as fuel. Some ten years later at the Chicago World's Fair in 1893, many Americans saw the horseless carriage for the first time. With tires and engines available there was still no real supply of fuel, petroleum refiners provided the answer. Now this gasoline, that was such a great nuisance to the refiners, was a very good fuel for the new internal combustion engine.

We are told that our petroleum resources are being reduced at an alarming rate; that in 15 or 20 years we will have used up all our reserves. Then we won't be able to get gasoline. What are we going to do about it? If we trace petroleum back to its origin perhaps we can better understand the problem. Petroleum, as we know, is supposed to be formed by the decomposition of vegetation millions of years ago. So all the energy that comes from oil is stored sun energy from these past ages. It is well known that we can produce gasoline from coal - another form of stored sun energy; and if we keep the sun in mind as the original source of energy, it is easy to see that the real problem is how to obtain our fuel directly from the source.

The sun grows all vegetation, evaporates the water that falls as rain and furnishes the energy for the winds. During the three summer months in Central Ohio the solar energy falling on just one acre of ground, if it could be retained, is enough to furnish power for 300 to 400 automobiles. The growing plant fixes only a small part of this energy. We can develop special processes of condensing and storing some of the unlimited energy of the sun to supply fuel for our transportation needs. If this work is undertaken with the patience and determination our scientists and engineers will get the answer before our petroleum reserves are exhausted no matter how many say: "It can't be done."

Rishabh Singh
ME, VI Sem

Fact- File

1. Alaska is the only state that can be typed on one row of keys on QWERTY keyboard.
2. The first computer mouse was invented by Doug Engelbart in around 1964 and was made of wood.
3. On an average work day, a typist's fingers travel 12.6 miles.
4. The average computer user blinks 7 times a minute, less than half the normal rate of 20.
5. By the year 2012 ending there will be approximately 17 billion devices connected to the internet.
6. Facebook pays at least \$500 if you can find a way to hack the site.
7. The DVORAK keyboard is more efficient than QWERTY, 20 times faster interaction.
8. My space reports over 110 million registered users this year. If it were a country, it would be the tenth largest just after Mexico.
9. HP, Google, Microsoft and Apple have one thing in common apart from the obvious that they are IT companies. They were all started in garages.
10. Bill Gates' house was designed using a Macintosh Computer.
11. "Facetious" and "Abstemious" are the only words that contain all the vowels in correct order.
12. "Almost" is the longest commonly used word in the English language with all letters in alphabetical order.
13. "adcomsubordcomphibspac" is the longest acronym. It is a Navy team standing for administrative command amphibious forces Pacific fleet subordinate command.
14. "One Thousand" contains the letter A, but none of the words from one to Nine Hundred Ninety Nine has an A.

Arpit Sengar
CSE, IV Sem

आत्मज्ञान

एक दिन बैठा था एकांत में,
उस दिन था अशांत मैं,
सोच रहा था, क्या मैं खोया,
क्या मैं पाया।
मन में हो रही थी हलचल
मानो संसार बदल रहा हो पलपल।
पुराने ख्यालों का स्तंभ बनाकर
करनी थी यात्रा दूर।
न जाने कहाँ थी मेरी मंजिल की शिद्दत
मानो हार जाने की हो गई हो आदत।
हो रहा था अपनी गलतियों का एहसास
मन में थी कुछ कर दिखाने की आस।
हर कदम पर जिंदगी दे चुकी थी चुनौती
और कह रही थी -
"तू हारा है और हमेशा हारेगा"
मैंने भी कहा -
"ऐ जिंदगी तुझसे एक वादा है,
मुझे कुछ पाना है और कुछ कर दिखाना
है"।

Alok Kumar Maurya
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Entrepreneurship Development Training/Workshop

Uttarakhand State Council for Science and Technology (UCOST), Dehradun with Technical Support of Multidisciplinary Training Center (MDTC), KVIC, Govt. of India, Dehradun (Uttarakhand) conducted two workshops on “Science and Technology Based Entrepreneurship Development Training Programme” in Faculty of Engineering & Technology, Gurukul Kangri Vishwavidyalaya, Haridwar. The First workshop on “Screen Printing” was for five days and the Second workshop on “Paper Conversion” was for ten days.

Mr. Pradeep from (MDTC) explained the basics of screen printing, paper conversion, method involve in screen printing and handmade paper manufacturing. Students got practical exposure and made daily use paper bags, file covers, photo frames, lamps etc. as a part of Paper Conversion workshop. Students did Screen printing on File cover, Notebook etc. under Screen Printing Workshop. A Batch of 40 students (total 80) participated in each workshop.



Screen Printing Workshop



Paper Conversion Workshop



