



स्वामी श्रद्धानन्द
कुलपिता

A QUARTERLY NEWS LETTER



नभग
Flight to Success
NABHAG

FACULTY OF ENGINEERING AND TECHNOLOGY
GURUKULA KANGRI VISHWAVIDYALAYA, HARIDWAR

Volume 2(2)

Oct- Dec 2011

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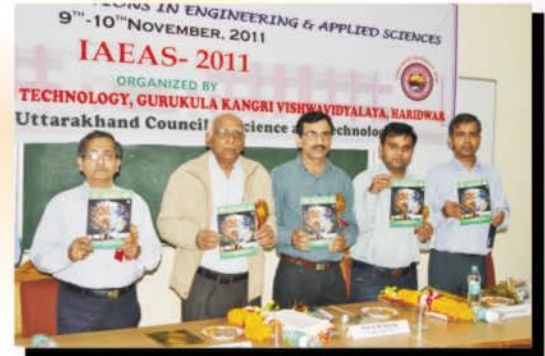
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NEWS FLASH

**National Seminar on Innovations and Applications
in Engineering & Applied Sciences - 2011**



Inaugural Ceremony & the release of Brochure for GTER - 2012 at IAEAS - 2011

A National Seminar on “Innovations and Applications in Engineering & Applied Sciences”, sponsored by Uttarakhand Council for Science and Technology was organized at Faculty of Engineering and Technology, Gurukul Kangri Vishwavidhyalaya on 9th – 10th Nov, 2011. After the huge success of this event, FET is going to host another milestone event in February 2012.

International Conference on “Green Technologies for Environmental Rehabilitation” will be held at Faculty of Engineering and Technology, Gurukul Kangri Vishwavidhyalaya on 11th – 13th Feb, 2012.

Up Coming Event
GTER- 2012

11th – 13th February, 2012.



INTERNATIONAL CONFERENCE ON

“GREEN TECHNOLOGIES FOR ENVIRONMENTAL REHABILITATION”

Recent Placement



Abhishek Jain of Computer Science and Engineering branch got selected in Oracle Solutions, on 3rd Oct, 2011. Prof. R. D. Kaushik, Dean FET, Mr. Mayank Agarwal Incharge, Dept. of Computer Science & Engineering, Mr. Sanjeev Lambha, Incharge, Dept. of Mechanical Engineering congratulated the selected student and wished him a successful future. Congratulations!

**गरकुल के छात्र
को 30 लाख
रुपये का पैकेज**

कम्प्यूटरी में अतिगहन टेस्ट, टेकनिकल इंटरव्यू और एप्लाइड इंटरव्यू के बाद सीटीके कम्प्यूटर साइंस एंड इंजीनियरिंग के छात्र अभिशेक जैन का चयन किया। उसे 30 लाख का पैकेज ऑफर किया गया है। छात्रों के उत्साहजनक एवं स्वागतजनक को संजीव कुमार शर्मा, प्रमुख प्रोफेसर के दौरान केंद्र के डॉ. रविंद्र शर्मा, अध्यक्ष ने आभार व्यक्त कीं कि, अभिशेक ने छात्रों को और भी उत्साह मिले। शिक्षक के कुशलता से स्वयं कुमार, उपकुलपति डॉ. महावीर अग्रवाल, कुलसचिव डॉ. एकेंद्र शर्मा, डॉ. आरके बीरसिंग अग्रवाल छात्रों को बधाई दे रहे।

Dear Friends, Welcome to a yet new edition of Nabhag!

This has been a very fruitful quarter for FET! First time in the history of FET, a National Seminar was organized. Sponsored by Uttarakhand Council of Science and Technology, the seminar titled “National Seminar on Innovations & Applications in Engineering & Applied Sciences” organized on 9th – 10th November, 2011, was a huge success. The seminar brought some of the best people in the field of Science and Technology and provided them a platform where they shared their ideas, knowledge and research work. Our faculty and students were immensely benefited by attending, participating and interacting with esteemed people from different fields. I thank all our sponsors, specially Uttarakhand Council of Science & Technology (UCOST) for supporting us.

The meritorious students of FET were awarded Kulpita Green Card in recognition to their brilliant academic performance. Not only this, the students did very well in the sports also as they bagged various awards in a sports tournament in KNIT, Sultanpur. Heartiest congratulations to all!

The year 2011 is towards its end. This year we witnessed lot of developmental and academic activities in the FET campus. Odd semester examinations are also over. I hope all the students must have done well and must be eagerly waiting for the results. As Edith Lovejoy Pierce has rightly said for a New Year- “We will open the book. Its pages are blank. We are going to put words on them ourselves. The book is called opportunity and its first chapter is New Year's Day.”

This is very true as the New Year provides us with a chance to start everything afresh. I wish all the faculty members and students a very happy and prosperous New Year-2012. May this New Year bring all good things to all of us. **Prof. R. D. Kaushik**
Chief Editor

Appreciation Award to Teachers @ FET

Gurukul is always known to provide quality education and to appreciate its teachers to provide a family atmosphere. Taking a step ahead in this direction; FET conducted voting by the students for two categories i.e. most popular teacher & best teacher at FET. In this voting Mr. Mayank Agarwal, was chosen as Most Popular Teacher and Dr. Lokesh Joshi was elected as Best Teacher in the current semester. We wish them a very bright future.



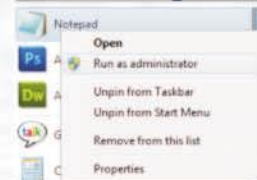
Mr. Mayank Agarwal Most Popular Teacher of the Semester



Dr. Lokesh Joshi Best Teacher of the Semester

Windows 7 Tips and Tricks

1. Ctrl + Shift + N to Create a New Folder
2. Ctrl + Shift + Click to Open a Program as Administrator
3. Shift + Right - Click Enhances Send to Menu
4. Shift + Right - Click on a Folder to Open Command Prompt
5. Win + Space to Quickly Show Desktop
6. Win + Up/Down/Left/Right for Moving the Active Window
7. For Dual Monitors: Win+Shift+Left Arrow Key to Move Active Window to Left Monitor
8. For Dual Monitors: Win+Shift+Right Arrow Key to Move Active Window to Right Monitor
9. Alt + Tab to switch between open windows
10. Win + T to Get to Taskbar Items
11. Shift + Click on a Taskbar App to Open a New Instance of the App
12. Win + B to Move Focus to the System Tray
13. Win + P for Quickly Connecting Your Laptop to a Projector
14. Press the Win key and the number corresponding to the location of the app on the taskbar to quickly open a program on taskbar. Win+1, Win+2.. and so on for Opening Taskbar Programs
15. Win + R Open Run dialog
16. Win + F Open Search box
17. Win + E Open Windows Explorer to computer.
18. Win + Pause help you check System Properties
19. Win + M minimize all windows
20. Ctrl + Shift + Esc Can Quickly Open Windows Task Manager



FACULTY NEWS

1. Shorthand typing test was conducted by Uttarakhand Public Service Commission during 1st-5th, Oct. 2011
2. Mahatma Gandhi ji's Birthday on 2nd Oct. was celebrated with enthusiasm and zeal, the students and faculty staff payed homage to Gandhi ji.
3. Mr. Nitin Johri's farewell party was organized in FET on 13th Oct, 2011. All the teaching staff along with Dean, FET attended the function.
4. Mr. Sanjeev Lambha invited an expert in the field; Mr. Sachin, HR Manager from LG Electronics for interacting with students for their personality development on 15th October, 2011.
5. BHEL conducted an entrance exam in FET, on 6th Nov. 2011
6. A quiz competition was organized in the FET hostel on 5th, Nov. 2011. Dr. Dharmendra Baliyan organized the event.
7. A "National Seminar on Innovations and Application in Engineering and Applied Sciences" sponsored by Uttarakhand Council of Science and Technology was organized in Faculty of Engineering and Technology on 9th - 10th November, 2011.
8. Mr. Vipul Sharma published a paper titled "Metamaterial Inspired Microstrip Miniaturized Phi shaped Antenna" in International Journal of Physical Sciences Vol 6 (18), PP (4378-4381).
9. Mr. Vipul Sharma attended a refresher course in Almorah on "Information Technology" during 23rd Nov to 13th December, 2011.
10. Mr. Vipul Sharma Chaired a session in "Sensors and Transducers", a National Symposium on Instrument (NSI - 3) on 20th -22nd Oct 2011 organised by IISC Bangalore.
11. Mr. Vipul Sharma with Mr. Anuj Sharma, from department of ECE, published a paper in IJMAN (International Journal of Mobile and Adhoc Networks) on the topic "Adaptive modulation techniques used in cognitive radio networks" in November 2011.
12. Mr. Mayank Agarwal presented a paper titled "Role of mobile agent in digital education" in World Congress for Man and Nature held at GKV, from 11th - 13th, Nov. 2011.
13. Mr. Mayank Agarwal acted as rapporteur in "Environmental Management and Technology" in technical session VI of World Congress for Man and Nature held at GKV, from 11th - 13th, Nov. 2011.
14. Mr. Mayank Agarwal published a paper titled "Hierarchical Object Fault Tolerant Secured And Atomic Mobile Agent Model" in International Journal of Computer Science Issues (IJSCI) volume 8, issue 6, November 2011, pp (241-245).
15. Mr. Mayank Agarwal delivered two expert lectures in refresher course in IT Applications at S. S. J. Campus, Almorah, Kumaun University on 3rd & 4th Dec 2011.
16. Mr. Mayank Agarwal acted as organising secretary in the National seminar on "Innovations & Application in Engineering and Applied Sciences" organized by FET, GKV.
17. Mr. Mayank Agarwal acted as convener of technical committee, in World Congress for Man and Nature held at GKV, from 11th - 13th, Nov. 2011.



Public Service Examination - all faculty members of FET and organizing body



Mr. Nitin Johri's Farewell Party



Personality Development Program in FET



Prof. Ahluwalia delivering an expert lecture at FET

FACULTY NEWS

18. A function to award meritorious students was organized in FET campus in which all the topper students and faculty members were invited to have a high tea with Vice Chancellor and other Invited Guests on 5th Nov. 2011
19. An expert lecture was conducted in Department of Mechanical Engineering on Centrifugal Pumps by Prof. A. K. Ahluwalia from GB Pant Engineering College of Polytechnic, Okhla, New Delhi.
20. Dr. Rudraman from department of Mathematics, FET has presented a paper entitled "Analysis of GEO/G/I/K/N System in Discrete Time System", in the International Conference in IIT Roorkee, held during 5th - 7th Nov. 2011.
21. Mr. Prateek Agarwal attended a five day "Hands - on Program on Analog System Design" conducted by Texas Instruments Company in collaboration with Thapar University, Patiala from 19th - 23rd Dec, 2011
22. FET team bagged a "Fair Play Award" for their tremendous performance in Sports championship organized by KNIT, Sultanpur. Gold and silver medals were also won in the events of long jump, triple jump, relay race, basket ball, badminton etc.
23. Uttarakhnad Sthapana Divas was celebrated in FET campus under NSS unit 3 & 4 on 9th November. The program was coordinated by NSS Programme Officer, Dr. M. M. Tiwari and Dr. Vivek Goel.
24. An informative program was held on Worlds AIDS day to spread awareness amongst the students about it, on 1st Dec 2011, in FET campus under NSS unit 3 & 4. The program was coordinated by NSS Programme Officer, Dr. M. M. Tiwari and Dr. Vivek Goel.
25. Dr. Sunil Panwar, incharge, department of Applied Physics, FET along with Dr. Devender Singh attended a National workshop on "Advances in Physics & Role of Experiments in Physics Teaching" on 5th Nov, 2011; organized by Department of Physics, Gurukul Kangri University.
26. Practical exams have been conducted and final Semester Exams started from 7th Dec 2011 in FET.
27. Swami Shradhhanand Balidan Divas was celebrated with full enthusiasm and zeal on 23rd Dec, 2011.
28. Faculty of Engineering & Technology is going to organize an International Conference on "Green Technologies for Environmental Rehabilitation" on 11th-13th Feb, 2012.



Students receiving Fair - Play Award from Vice Chancellor



Students receiving winner Trophy from Vice Chancellor

Sharaddhanand Balidan Divas Glimpses



From Vedas



Dr. Satyadev Nigmalankar
Head, Vedic Shodh Sansthan

वायुयानों के रचने की विद्या

समिधाग्निं दुवस्यत घृतैर्बोधयतातिथिम्। आस्मिन् हव्या जुहोतना॥ यजुर्वेद ३.१

जिस प्रकार गृहस्थ आश्रमवासी लोग विद्वान्, संन्यासी, अतिथि आदि की सेवा आसन, जल, अन्न, वस्त्र तथा मधुर भाषण आदि से करते हैं, उसी प्रकार वैज्ञानिकों को यज्ञ, वेदी, कलायन्त्र और यानों में उचित इन्धन, घी, तेल, जलादि को स्थापित करके तथा भौतिक अग्नि को प्रज्वलित करके वायु, वर्षाजल की शुद्धि अथवा वायुयानों की रचना कर संसार के सुखों के लिये नित्य वृद्धि करते रहना चाहिये॥

From Archives



उस साल 1926 के आखिर में हिन्दुस्तान में, एक भारी दुःखद घटना से अंधेरा छा गया। इस घटना से सारा हिन्दुस्तान घृणा व रोष से कौंप गया।

स्वामी श्रद्धानन्द का, जबकि वह बीमारी में चारपाई पर पड़े हुए थे, एक धर्मान्ध मुसलमान ने कत्ल कर दिया। जिस पुरुष ने गोरखों की संगीनों के सामने अपनी छाती खोल दी थी और उनकी गोलियों का सामना किया था, उसकी ऐसी मौत ! करीब आठ वर्ष पहले इसी आर्यसमाजी नेता ने दिल्ली की विशाल जामा मस्जिद की वेदी पर खड़े होकर हिन्दुओं और मुसलमानों की एक बहुत बड़ी सभा को एकता और हिन्दुस्तान की आजादी का उपदेश दिया।

लम्बा कद, भव्यमूर्ति, संन्यासी के वेष में, बहुत उम्र हो जाने पर भी बिल्कुल सीधी चमकती हुई आँखों और चेहरे पर कभी-कभी दूसरों की कमजोरियों पर आने वाली चिड़चिड़ाहट या गुस्से की छाया का गुजरना। मैं इस सजीव तस्वीर को कैसे भूल सकता हूँ। अक्सर यह मेरी आँखों के सामने आ जाती है।

— मेरी कहानी

Pt. Jawaharlal Nehru



Develop Winning Habits

“A Small Change in Attitude!!! A Giant Change in Image.”

Aristotle once said : "We are what we repeatedly do. Excellence, then, is not an act, but a habit."

Development for success and winning in life is not difficult. But it requires consistency and practice. Our good habits, standards and focused approach on the same thing generates optimistic and constructive results desired by us. We have to practice change, in our habits again and again.

Constant practice, of good habits, which you want to cultivate, will enable you to take things as they occur in life. It is only in this way that you habituate yourself to deal with any difficulty which may come.

Bad habits, not only pull us down, but also prevent us from achieving our full potential and harmony. If we do what we want to do, and do it to our full potential, it generally makes us happy. There is a strong relationship between winning habits and our happiness.

In life, first thing, which is checked, when you apply for any position, is the level of your education or your grades. Our highest effort should be to make a habit of coming upto our expectations rather than of others.

Bad habits have a way of creeping on us. In truth, it is easier to prevent bad habits instead of eliminating them. Success and failures are simply and clearly interlinked. It is as difficult to break good habits as it is to break bad one.

Nobody can form winning habits for us. It is only we who can do the same, by our own efforts, capabilities and self discipline. In young age it is easier to lay the foundation of dedication, goodness and hard work. If you make it a habit to work, so that when a time comes for a particular activity, you simply get on to it, you would be able to accomplish, much more than, if you simply wait, for the inspiration to come.

Doing something which you feel that you cannot do, not only challenge you, but also put your best foot forward and overcome the fear of failure. By this kind of practice, you can accomplish the very thing, which earlier had appeared dreadful.

Commit yourself to form one winning habit every month. Make a list of positive actions, and attitudes that you want to acquire, as a part of your life. After some time, anything done for a month becomes a part of your life. A positive and a winning habit is an awesome, powerful tool for our own good and for taking us to the highest places. But bad habits, if not controlled timely, can be equally destructive.

Armed with winning habits you will be able to consistently live in a manner pleasing to yourself and accomplish the seemingly impossible. There is no short cut to success, except forming winning habits.



Durgesh Gaurav
Placement Officer

Glimpses of High Tea for Meritorious Students

Hon'ble Vice Chancellor, presented the Topper students with Kulpita Green Card, Appreciation Plaque, and a copy of NABHAG. Akshay Mathur CSE, Durgesh Kumar ECE, Gaurav Singh EE, Rishabh Singh ME - (II sem), Manish Rana CES, Shubham Prajapati ECE, Shri Ram EE, Devvrat Singh ME - (IV Sem), Amit Ahuja CSE, Piyush Prakash ECE, Shikhvir Singh EE -(VI Sem), Saket Khandelwal CSE, Adarsh Mishra ECE, Himanshu Kuamr EE -(VII Sem) were the toppers.



Hon'ble Vice Chancellor awarding Piyush Prakash, ECE VI Sem



Hon'ble Vice Chancellor awarding Shubham Prajapati, ECE IV Sem



Hon'ble Vice Chancellor awarding Manish Rana, CSE IV Sem



Dean FET, addressing the gathering at High Tea Function

IAEAS 2011 A Report

The National Seminar on "Innovations and Applications in Engineering and Applied Sciences" was organized in the FET campus on 9th - 10th Nov. 2011. The idea behind such an event was to have an exchange of information, findings and research work. Such conferences have always been an integral part of a healthy academic environment.

The seminar witnessed the participation of more than 200 researchers from the country. People from uttarakhand, U. P., Rajeshathan, Maharastra, Gujrat, and various parts of country attended & participated in the seminar. It was a real exchange of knowledge.

The researchers interacted with eminent persons like Professor S. K. Kak, Vice Chancellor, Mahamaya Technical University, Prof. S. Chandra, Vice Chancellor, Mewar University, Professor K. M. Rastogi, Director NITTTR, Chandigarh, Prof. S. S. Pattnaik, NITTTR, Chandigarh, Prof. Prabha Singh, Meerut, Prof. H. S. Dhama, Kumaun University, Prof. K. S. Gupta, Prof. Dharmendra Singh, IIT- Roorkee, Prof. M. J. Nigam, IIT- Roorkee, Prof. S. C. Gupta, IIT-Roorkee, Prof. Mishra IIT, and others experts.

There were three parallel technical brain storming sessions for two days, in which the participants learnt and shared various new domains of Engineering and Applied Sciences and in the end all parted with a hope to meet again in GTER 2012.

I thank all my colleagues, students, participants of IAEAS -2011, sponsors for making IAEAS -211 a great success. Special thanks to our main sponsorer Uttarakhand Council of Science and Technology, Mr. Mayank Agarwal Dehradoon.

Organizing Secretary, IAEAS-2011



NATIONAL SEMINAR ON INNOVATIONS AND APPLICATIONS IN ENGINEERING & APPLIED SCIENCES

9TH - 10TH NOVEMBER, 2011

IAEAS- 2011

ORGANIZED BY

**FACULTY OF ENGINEERING & TECHNOLOGY
GURUKULA KANGRI VISHWAVIDYALAYA, HARIDWAR**

SPONSORED BY

Uttarakhand Council of Science & Technology, Dehradoon



Inaugural Session of IAEAS 2011



Mr. Mayank Agarwal welcoming the dignitaries



Deep Prajvallan for the inauguration of IAEAS 2011



Mr. Sanjeev Lambha Welcoming Hon'ble Pro- Vice Chancellor



Dr. L. P. Purohit presenting bouquet to Prof. Kaushik, Dean FET



Prof. S. K. Kak, VC, MTU being solicited by Pro VC



Pro VC along with Registrar & Dean FET welcoming Prof. V. Arora



Gathering at inaugural session



Prof. R. D. Kaushik, Dean FET, offering vote of thanks

Technical Sessions of IAEAS 2011



Mr. Vipul Sharma presenting plaque to Prof. Gupta



Prof. M. C. Joshi with Prof. R. D. Kaushik



Prof. Prabha Singh receiving certificate and plaque



Dr. Vivek Goel presenting bouquet to Prof. K. S. Dhindsa



Participants in the technical session



Prof. S. S. Pattnaik giving keynote address



View of Technical session



Prof. R. K. Soni presenting certificate to delegates

Valedictory Sessions of IAEAS 2011



Gathering at valedictory session



Mr. Vipul Sharm, Co- Organizer, addressing the delegates



Gathering at valedictory session



Prof. K. S. Dhindsa delivering keynote address



Dr. M. M. Tiwari presenting bouquet to Prof. K. S. Gupta



Prof. Kaushik along with Prof. Bhatt welcoming Prof. K. M. Rastogi, Director NITTTR



Mr. Mayank Agarwal presenting plaque to Prof. R. Chandra, VC, Mewar University



Prof. R. D. Kaushik, giving vote of thanks to all participants

Criticism : A Positive Approach

When we talk about criticism; the question that arises is, what criticism is and who is a critic? In my humble opinion, he or she is our best guide and judge appointed by God. As told by the Great Saint Kabir

**NINDAK NIYARE RAKHEYE, ANGAN KUTI CHAVAYE
BIN PANI SABUN BINA NIRMAL KARE SUHAYE**

Here I want to share one of my personal experience as an example before you. One of my father's friend once told me (as he was a Palmist) "Dear son you will never ever going to clear your High School Examination! Why you are wasting the money of your father?" And I swear that these golden words changed my life in a minute. Though he was not exactly a critic of mine but he, by his words struck a chord somewhere in my heart at the right point and at the right moment.

As a result of his words, at present I am working in a University of repute in a good enough and noble job; otherwise where I was going to end up; God knows better as I was careless about my studies and future.

The person who is repeatedly criticising you is a great fan of yours as he is constantly watching and monitoring you and your acts. What we have to do is to just put him or her at a right distance from us and not discuss about him or her with anyone. Actually by this way, the work or project about which we are getting criticized is going to get flawless results. All we need is to analyse the comment cautiously and act immediately and accordingly.

By the challenges given to you by your critic you can see that your performance is now more accurate and you have started giving utmost attention to your work or task or project while extracting better results. From now on you are trying at every step not to give further room to your critic to criticise you and this way you get spectacular results.

When someone feels unsafe he or she takes extra care about his or her acts. This is law of psychology and therefore as soon as you come to know or you have an idea that someone is monitoring you then you have a good enough reason to prove yourself right and in that situation you are supposed to prove it at any cost that what path you have adopted is better in comparison to others.

So by this way or that way your critic most probably is a guide appointed by GOD for you for giving not only better results but to deliver your best by using all powers allotted to you by GOD. THE CRITIC IS ALSO AN HOLY SOUL LIKE YOU AND ME SO RESPECT HIM OR HER AS HE IS DOING ALL THIS FOR YOUR BETTERMENT. **Satrugan Jha**

Library Head, FET

Centrifugal Pump



Prof. A. K. Ahuliawalia delivering expert lecture

A Expert lecture on centrifugal pumps was organized in the Department of Mechanical in FET. Invited expert was A. K. Ahuliawalia. Here is the summary given as under. A centrifugal pump is a rotodynamic pump that uses a rotating impeller to create flow by the addition of energy to a fluid. Centrifugal pumps are commonly used to move liquids through piping. The fluid enters the pump impeller along or near to the rotating axis and is accelerated by the impeller, flowing radially outward into a diffuser or volute chamber, from where it exits into the downstream piping. Centrifugal pumps are used for large discharge through smaller heads. There are many types of them few of them are discussed as under.

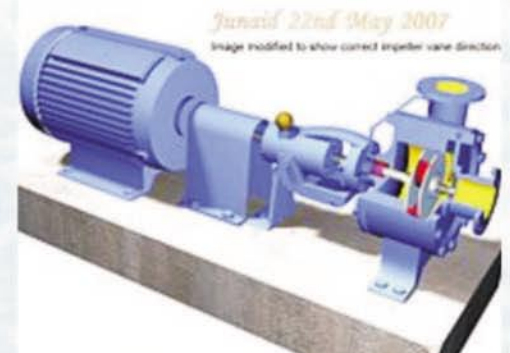
Vertical centrifugal pumps which are also referred to as cantilever pumps.

They utilize a unique shaft and bearing support configuration that allows the

volute to hang in the sump. They are used in **parts washer**. Multistage centrifugal pumps are those pumps which contain two or more impellers. The impellers may be mounted on the same shaft or on different shafts. If we need higher pressure at the outlet we can connect impellers in series. These pumps need to be regularly tested to determine efficiency.

The various Problems of centrifugal pumps are such as **Cavitation** - the **NPSH** of the system is too low for the selected pump, **Wear of the Impeller**—can be worsened by suspended solids, **Corrosion** inside the pump caused by the fluid properties, **Overheating** due to low flow, **Leakage** along rotating shaft, **Lack of prime**—centrifugal pumps must be filled (with the fluid to be pumped) in order to operate and **Surge**.

However these pumps are mostly used in industries and in various jobs as they are highly efficient and powerful.



RUKMA VIMAANA

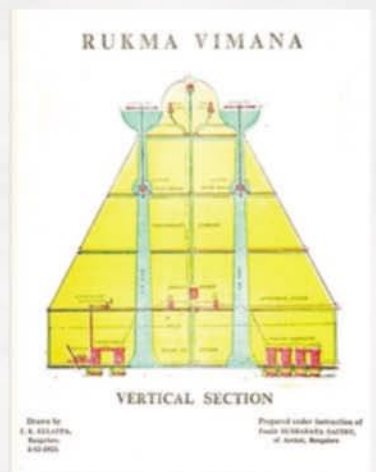


In the previous issue you read about Tripura Vimana; which can move on earth, fly in air and as well as float in water. Here i present another type of vimana made out of gold, having tremendous capabilities of speed and balance. Ancient art of aeronautics engineering described in Vyaminika Shastra delivers the information of construction and flight of Rukma Vimana. Here is a brief overview of the same.

This vimaana is of golden colour; therefore it is called Rukma Vimaana, where Rukma means gold. The Rukma should be made out of Raajaloha only. The peetha or ground plate of the Rukma vimaana should be tortoise-shaped,

1000 feet long, and 1 foot thick. On its eight sides, 20 feet long spaces should be fixed underneath the peetha. At each centre fixtures like birds' beaks should be attached with revolving keelakas. Then double iron-balls or wheels, in couples, should be fixed in each of the 8 centres. Ayas-chakra should be inserted in the beaks at the 8 centres.

From each chakra-pinda up to the electrical generator chain wires should be connected with switches. Batinikaa-Stambha Or Button-switch pole should have switches wired up to the electric pole. wheels in the electric pole revolve, producing 5000 linkas of speed.



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Trojan Horses

Trojans are types of malware used to infect and compromise computer systems. A *Trojan* is a malicious program disguised as something benign. In many cases the Trojan appears to perform a desirable function for the user but actually allows a hacker access to the user's computer system. Trojans are often downloaded along with another program or software package. Once installed on a system, they can cause data theft and loss, as well as system crashes or slowdowns. Trojans can also be used as launching points for other attacks, such as distributed denial of service. Many Trojans are used to manipulate files on the victim computer, manage processes, remotely run commands, intercept keystrokes, watchscreen images, and restart or shut down infected hosts. Trojans ride on the backs of other programs and are usually installed on a system without the user's knowledge. A Trojan can be sent to a victim system in many ways, such as: An instant messenger (IM) attachment, An email attachment, A downloaded internet program

Types of Trojans

Trojans can be created and used to perform different attacks. Here are some of the most common types of Trojans:

Remote Access Trojans (RATs): Used to gain remote access to a system.

Data-Sending Trojans: Used to find data on a system and deliver data to a hacker.

Destructive Trojans: Used to delete or corrupt files on a system.

Denial-of-Service Trojans: Used to launch a denial-of-service attack.

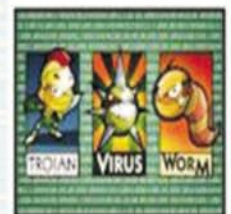
Proxy Trojans :Used to tunnel traffic or launch hacking attacks via other systems.

FTP Trojans Used to create an FTP server in order to copy files onto a system.

Security Software Disabler Trojans Used to stop antivirus software.

How to handle Trojans:

1. Detect the attack as a virus. Not all anomalous behavior can be attributed to a trojans.
2. Trace processes using utilities such as handle.exe, listdlls.exe, fport.exe, netstat.exe, and pslist.exe, and map commonalities between affected systems.
3. Detect the Trojans payload by looking for altered, replaced, or deleted files. New files, Changed file attributes, or shared library files should be checked.
4. Acquire the infection vector and isolate it. Then, update your antivirus definitions and rescan all systems.



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ECE 3, SEM 11

IAEAS 2011 IN NEWS PAPERS

'गुरुकुलीय शिक्षा की जरूरत'

गुरुकुल कांगड़ी विवि में दो दिवसीय सेमिनार

अमर उजाला खुरी

हरिद्वार। डा. चंदा गुरुकुल कांगड़ी विवि में दो दिवसीय सेमिनार आयोजित किया गया, जिसमें मुख्य अतिथि मेक्वाड विवि के कुलपति डा. आर चंदा ने कहा कि गुणवत्ता में तेजी से बढ़ते हुए सामाजिक व वैश्विक माहौल में गुरुकुलीय शिक्षा पद्धति को निराला आवश्यकता है। एनआईआईटी अंबाला के विदेशक डा. केएम रस्तोमी ने तकनीकी शिक्षा पर जोर दिया। अधिष्ठाता एवं प्रोफेसर्स को

विभाग के डीन प्रो. आरडी कौरिलक ने कहा कि विवि का भीतरी संकाय में पहली बार राष्ट्रीय स्तर का विज्ञान सेमिनार आयोजित किया जा रहा है, जिसमें भीतरी के विशेषज्ञों द्वारा छात्र-छात्राओं को नई खोजों की जानकारी दी जाएगी। विवि में एमसीए, एमबीए, बीटेक, बीकॉम, एमएचएम जैसे विषयों को पढ़ाया जा रहा है। स्वयं ही नवोन्मत्त आईटी विस्टम, जनरल मैनेजमेंट, कंप्यूटर ग्राफिक्स एंड इंग्रानियरिंग के माध्यम से तकनीकी को भी प्रोत्साहित किया गया है।

सेमिनार में डा. अरुणें सोनी, डा. प्रभात सिंह, डा. राबिन्द्र चौधरी, प्रो. एमएस धामी, डा. एस देवी, डा. केएस डिकर, प्रो. एमने निगम, डा. अमित अग्रवाल आदि ने भी संबोधित किया। अग्रहोजन कमिटी के सचिव भूपक अग्रवाल ने बताया कि विवि में 11 से 15 परसन्ती की सेमिनार आयोजित किया जाएगा। इस मौके पर विवि के कुलपति प्रो. स्वतंत्र कुमार, उप कुलपति प्रो. महावीर अग्रवाल, कुलसचिव प्रो. एके चोपड़ा, प्रो. वीरेंद्र अरोड़ा सहित कई मौजूद थे।

इंजीनियरों के लिए वैदिक शिक्षा भी जरूरी

हरिद्वार। इमर उजाला

गुरुकुल के अधिष्ठाता एवं प्रौद्योगिकी संकाय में विज्ञान विभाग में कई महत्वपूर्ण विद्यार्थी का शिक्षण कराया जा रहा है। राष्ट्रीय स्तर पर गुरुकुल के अधिष्ठाता एवं प्रौद्योगिकी संकाय के 10 जनों के प्रतिष्ठान में पहली बार आयोजित सेमिनार के माध्यम में डॉ. जयदेव चौधरी और अग्रवाल को मिले हैं। अधिष्ठाता एवं प्रौद्योगिकी संकाय के अध्यक्ष डॉ. अग्रवाल ने बताया कि सेमिनार में बहुत महत्वपूर्ण विषयों पर चर्चा की गई है। इससे शिक्षा में प्रगति का विकास होगा। सेमिनार में डॉ. अरुणें सोनी, डॉ. प्रभात सिंह, डॉ. जयदेव चौधरी, प्रो. एमएस धामी, डॉ. एस देवी, डॉ. केएस डिकर, प्रो. एमने निगम, डॉ. अमित अग्रवाल ने भाग लिया। अधिष्ठाता एवं प्रौद्योगिकी संकाय के अध्यक्ष डॉ. अग्रवाल ने कहा कि वैदिक शिक्षा का अर्थ है कि वैदिक शिक्षा के माध्यम से वैदिक शिक्षा को भी बढ़ावा देना है।

गुरुकुल विवि में होगा अंतर्राष्ट्रीय सेमिनार

हरिद्वार। अमर उजाला

गुरुकुल कांगड़ी विवि में अंतर्राष्ट्रीय सेमिनार का आयोजन किया जाएगा। सेमिनार में डॉ. अरुणें सोनी और अग्रवाल को मिले हैं। अधिष्ठाता एवं प्रौद्योगिकी संकाय के अध्यक्ष डॉ. अग्रवाल ने बताया कि सेमिनार में बहुत महत्वपूर्ण विषयों पर चर्चा की गई है। इससे शिक्षा में प्रगति का विकास होगा। सेमिनार में डॉ. अरुणें सोनी, डॉ. प्रभात सिंह, डॉ. जयदेव चौधरी, प्रो. एमएस धामी, डॉ. एस देवी, डॉ. केएस डिकर, प्रो. एमने निगम, डॉ. अमित अग्रवाल ने भाग लिया। अधिष्ठाता एवं प्रौद्योगिकी संकाय के अध्यक्ष डॉ. अग्रवाल ने कहा कि वैदिक शिक्षा का अर्थ है कि वैदिक शिक्षा के माध्यम से वैदिक शिक्षा को भी बढ़ावा देना है।

गुरुकुल कांगड़ी विवि में अंतर्राष्ट्रीय सेमिनार का आयोजन किया जाएगा। सेमिनार में डॉ. अरुणें सोनी और अग्रवाल को मिले हैं। अधिष्ठाता एवं प्रौद्योगिकी संकाय के अध्यक्ष डॉ. अग्रवाल ने बताया कि सेमिनार में बहुत महत्वपूर्ण विषयों पर चर्चा की गई है। इससे शिक्षा में प्रगति का विकास होगा। सेमिनार में डॉ. अरुणें सोनी, डॉ. प्रभात सिंह, डॉ. जयदेव चौधरी, प्रो. एमएस धामी, डॉ. एस देवी, डॉ. केएस डिकर, प्रो. एमने निगम, डॉ. अमित अग्रवाल ने भाग लिया। अधिष्ठाता एवं प्रौद्योगिकी संकाय के अध्यक्ष डॉ. अग्रवाल ने कहा कि वैदिक शिक्षा का अर्थ है कि वैदिक शिक्षा के माध्यम से वैदिक शिक्षा को भी बढ़ावा देना है।

अभियांत्रिकी व प्रौद्योगिकी संकाय में नेशनल सेमिनार

हरिद्वार (एसएनबी)। गुरुकुल कांगड़ी विवि के अभियांत्रिकी एवं प्रौद्योगिकी संकाय में पहली बार नेशनल सेमिनार का आयोजन किया गया। इस अवसर पर अभियांत्रिकी एवं प्रौद्योगिकी संकाय विभाग के डीन प्रो. आरडी कौरिलक ने बताया कि सेमिनार के माध्यम से संकाय के छात्रों एवं अध्यापकों को संबन्धित विषयों में हो रही नयी-नयी खोजों की जानकारी प्राप्त होगी। साथ ही देश के विभिन्न प्रांतों से भाग ले रहे प्रतिभागी भी गुरुकुल के वातावरण से अवगत होंगे।

नेशनल सेमिनार के अर्जेन्नाइजिंग सेक्रेटरी भूपक अग्रवाल ने बताया कि दो दिवसीय सेमिनार के उद्घाटन समारोह में मुख्य अतिथि महामया टेक्निकल यूनिवर्सिटी के कुलपति प्रो. एके काक मौजूद रहे। उन्होंने बताया कि सेमिनार के दिग्ग 170 रजिस्ट्रेशन हुए। पूरे देश के विभिन्न प्रांतों से विषय विशेषज्ञ सेमिनार में भाग लेने

पहुंने। इसके अतिरिक्त प्रो. धरम सिंह युनिवर्सिटी के डा. अरुणें सोनी, डा. प्रभात सिंह, डा. आरएस चौधरी, प्रो. एमएस धामी, डा. एस देवी, डा. केएस डिकर, प्रो. एमने निगम, डा. अमित अग्रवाल आदि ने सेमिनार में भाग लिया। बुधमयविहार को सम्मन समारोह का संचालन को-अर्जेन्नाइजिंग सेक्रेटरी विजय शर्मा ने किया। इस अवसर पर मुख्य अतिथि मेक्वाड युनिवर्सिटी के कुलपति डा. आर चंदा ने कहा कि अत्याधुनिक समय में गुरुकुलीय शिक्षा पद्धति को अपनाना आवश्यक है। कार्यक्रम में गेस्ट ऑफ ऑनर एनआईआईटी आर अंबाला के डा. केएम रस्तोमी ने विवि में इन्वेस्टमेंट की आवश्यकता पर जोर दिया। इस मौके पर विश्वविद्यालय के कुलपति प्रो. स्वतंत्र कुमार, उप कुलपति एवं आचार्य प्रो. महावीर अग्रवाल, कुलसचिव प्रो. एके चोपड़ा, साइंस कालेज के पूर्व प्राचार्य प्रो. वीरेंद्र अरोड़ा आदि मुख्य रूप से उपस्थित थे।

मानवता पर आधारित हो शोध

हरिद्वार। इमर उजाला

गुरुकुल कांगड़ी विवि में अभियांत्रिकी एवं प्रौद्योगिकी संकाय द्वारा आयोजित नेशनल सेमिनार का उद्घाटन कार्यक्रम आयोजित कर किया गया। संचालन दिग्ग चंदा ने कहा कि वैदिक शिक्षा को भी बढ़ावा देना है।



शोध प्रस्तावित कर कार्यक्रम का शुभारंभ करते अतिथि (अग्रवाल)। सेमिनार के संचालन दिग्ग चंदा ने कहा कि वैदिक शिक्षा का अर्थ है कि वैदिक शिक्षा के माध्यम से वैदिक शिक्षा को भी बढ़ावा देना है।



INTERNATIONAL CONFERENCE ON GREEN TECHNOLOGIES FOR ENVIRONMENTAL REHABILITATION

FEBRUARY 11-13, 2012



GTER-2012












ORGANIZED BY

FACULTY OF ENGINEERING AND TECHNOLOGY

GURUKUL KANGRI UNIVERSITY, HARIDWAR -249404

UTTARAKHAND, INDIA

12
Published By The Registrar, Gurukula Kangri Vishwavidyalaya, Haridwar (Uttarakhand) 249404
Date of Publication : 1, Jan 2012