



स्वामी श्रद्धानन्द  
कुलपिता

A QUARTERLY NEWS LETTER



**नभग**  
Flight to Success  
**NABHAG**

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

Volume 5(4)

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**IN THIS ISSUE**

International Yoga Day  
Annual Day Celebration  
Sports @ FET  
Dr. Baliyan Felicitation  
IPhone Tips and Tricks  
Prize Distribution Function  
Farewell Glimpses

**FET Celebrates International Yoga Day, June 21, 2015**



FET Celebrated International Yoga Day on June 21, 2015. All faculty members and students of FET participated in the common yoga protocol. Prof Surendra Kumar VC, GKV, Prof. Vinod Kumar, Registrar, GKV, Hon'ble Ex- CM Shri Ramesh Pokhariyal, Shankaracharya Rajrajeshawashram and many other dignitaries graced the occasion.

**Annual Day Function, April 12-13, 2015**



Annual Function of university was held at Ved Mandir in university campus, on April 12-13, 2015. The function started with Yajna and concluded with the address of Vice Chancellor. All faculty members participated in the function. Invited guests and dignitaries on the dias graced the occasion.



First of all I want to congratulate final year students who have completed their B.Tech degree and wish them for their bright and prosperous future. I am having full confidence that our students will do their best in their karma kshetra.

Once again semester examinations were held on time and results were declared as per schedule which really helped the students to pursue for higher studies and for joining their jobs. This year many students, cleared gate with good score and joined different public sectors, IIT's, NIT's and different universities.

The next session will start from July 16, 2015 we must ensure regular classes and labs as per schedule from the very first day of new session. Hostel facility has been extended to the second and third year students, for which the honourable Vice Chancellor of GKV must be congratulated.

National conference on the topic "Science and Technology for Indigenous Development in India" will be organized by the Indian Science Congress Association (ISCA): Haridwar Chapter and Faculty of Engineering and Technology, Gurukul Kangri Vishwavidyalaya Haridwar in September from 28 to 30, 2015.

I hope that we will once again set a bench mark in organizing this national event.

**Prof. R. D. Kaushik**  
Chief Editor

## From Vedas



प्रो०सत्यदेव निगमालंकार,  
श्रद्धानन्द वैदिक शोध संस्थान,  
गु०का०वि०वि०, हरिद्वार

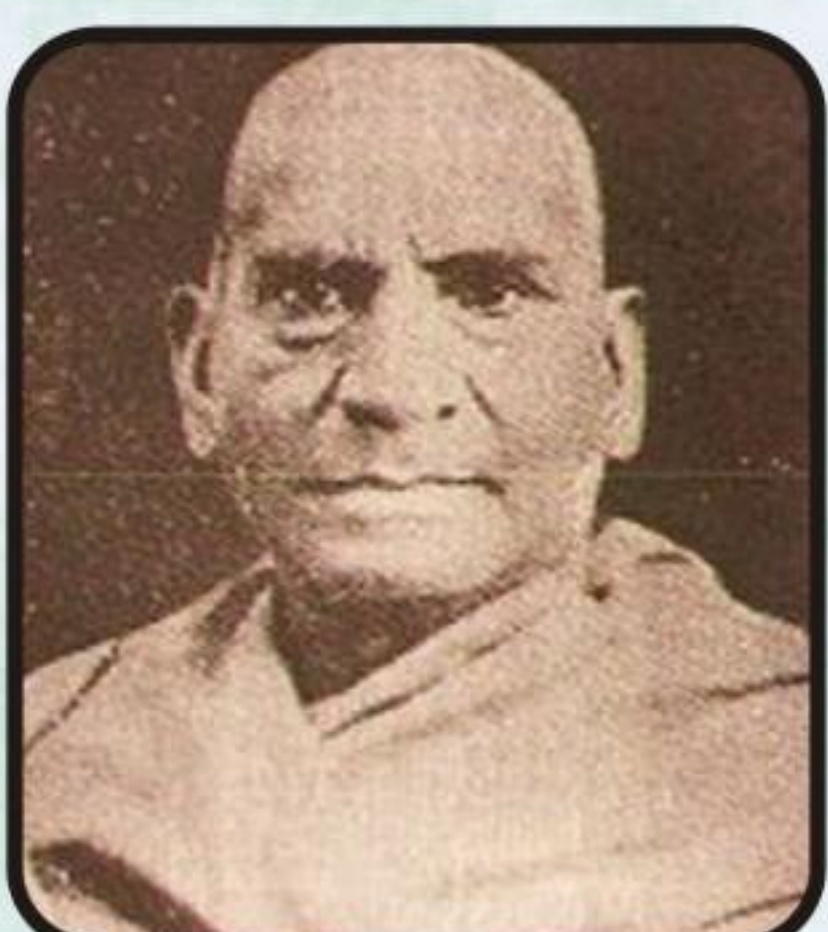
### विद्युत्-अग्नि का स्वरूप

अन्तश्चरति रोचनास्य प्राणादपानती ।

व्यख्यन् महिषो दिवम् ॥ यजु. ३.७ ॥

मनुष्यों को विद्वानों के सहयोग से यह जानना चाहिए कि जो विद्युत् नाम से जगत् में प्रसिद्ध है और सब मनुष्यों के अन्तस्थल में रहने वाली अग्नि की कान्ति है वह प्राण तथा अपान वायु के साथ संयुक्त होकर प्राण, अपान, अग्नि और प्रकाश आदि चेष्टाओं के व्यवहारों को प्रसिद्ध करती है।

## From Archives



काव्यमय जीवन में जाति, धर्म आदि किसी भी प्रकार के वर्ग भेद का कोई स्थान नहीं होता है जो लोग कविता में जीते हैं उनका एक मात्र ध्येय उच्च मानवीय मूल्यों के सृजन के लिए जीवन के हर को हर कोने से मिलने वाले ईश्वरीय प्रकाश को आत्मसात् करना होता है, और स्वामी श्रद्धानन्द जी ने जीवन की इस सच्चाई को गुरुकुल की पुण्य भूमि में पूरी निष्ठा से साथ मूर्तरूप दिया था, तभी तो मूर्तिपूजा के घोर विरोधी, आर्यसमाज में पाखण्ड खण्डिनी पताका के ध्वज वाहक स्वामी श्रद्धानन्द जी ने बनारस के परम सनातनी वेदपाठियों को आमंत्रित कर अपने छात्रों को वेद का सस्वर पाठ करना सिखाया।





## FACULTY NEWS

1. Dr. Sunil Panwar and Dr. Devendra Singh from Dept. of Applied Physics participated in the Workshop & Hands on Training on "Synthesis and Characterization of Thin Films", organised by Department of Physics, Gurukul Kangri Vishwavidyalaya, Haridwar from March 31, to April 1, 2015
2. Dr. Mayank Aggarwal conducted a One Day Workshop on "Cloud Computing and Cloud Sim" as Resource Person at Chandigarh University on April 23, 2015
3. Dr. Mayank Aggarwal acted as Session Chair in International Conference on Advances in Computing and Communication Engineering (ICACCE -2015) held at Tula Institute, Dehradun on May 1-2, 2015.
4. Dr. Mayank Aggarwal acted as Key Note Speaker in International Conference on Advances in Emerging and Futuristic Trends in Engineering & Technology from May 8-9, 2015 held at MAU, Baddi(H.P).
5. Dr Sunil Panwar from Dept. of Applied Physics published a paper on "Theoretical Study of Magnetic Susceptibility of Colossal Magneto Resistive Manganites, A Variational Treatment" in International Journal of Advance Research in Science and Engineering (IJARSE), Vol No 4, Issue 05, May 2015.
6. Mr. Gajendra Singh Rawat and Mr. Yogesh Kumar attended a Short Term Course on "Hands on experiences o LABVIEW" at NITTTR at Chandigarh during May 25-29, 2015.
7. Students of third year in every branch bid farewell to Final year in month of May.
8. Mr. Sunil Kumar of Department of Mechanical Engineering published a paper titled "Parametric Effect during Plastic Injection Molding Process on Polypropylene Material" in International Journal of Science, Technology and Management (ISSN 2394-1537), Volume 04, Issue 05, May 2015.
9. Mr. Suyash Bhardwaj of Department of Computer Science & Engineering delivered an invited lecture on "Data Structures and its Applications" on June 6, 2015 at Dev Sanskriti Vishwavidhyalya, Shanti Kunj.
10. Mr. Suyash Bhardwaj of Department of Computer Science & Engineering delivered an invited talk on "Internet and its Applications" on June 8, 2015 at Rama College of Higher Education, Kiratpur, Bijnor.
11. Mr. Praveen Kumar Pandey, of Department of Mechanical Engineering attended Summer school from June 01, 2015 to June 21, 2015 at UGC-Human Resource Development Centre, University of Allahabad.
12. Mr. Kapil Mittal of Department of Mechanical Engineering attended one Week short term course on Material Characterization and properties organized by National Institute of Technology, Kurukshetra from June 8-12, 2015.
13. FET Celebrated International Yoga Day on June 21, 2015. All faculty members and many students of FET participated in the common yoga protocol.
14. Chandan and Sushant of B.Tech CSE won the first and second prize in essay writing competition on "Importance of Yoga in Modern Scenario" held on the occasion of International Yoga Day June 21, 2015.
15. Mr. Sunil Kumar of Department of Mechanical Engineering published a paper titled "Determining the Optimum Parameters of Plastic Injection Moulding for the Production of Bottle Cover" in International Journal of Science and Research (IJSR), Volume 4 Issue 6, June 2015, ISSN 2319- 7064.
16. Mr. Kapil Mittal of Department of Mechanical Engineering published a paper titled "Quality Council: An Overview" in International Journal of Management, IT & Engineering, published by Multidisciplinary Research Academy, India. Vol. No.:04, No: 12, Page No.:200-211, ISSN: 2249-0558, Year: 2014.
17. Ashish Nainwal and Gorav Kumar Malik of Department of Electronics and Communication, published a Review Paper of Fetal Electrocardiogram Extraction Techniques in International Journal of Applied Engineering Research Volume 9, Number 23 (2014), pp. 19809-19820, ISSN 0973-4562.



Mr. Gajendra Singh Rawat attended a short term course on "Hands on experiences o LABVIEW" at NITTTR at Chandigarh



Mr. Praveen K. Pandey, attended Summer School from June 1- 21, 2015 at UGC-HRD Centre, University of Allahabad



## Dr. Baliyan elected as President of Uttarakhand University Employee Association

Dr. Dharmendra Baliyan was elected as president of Uttarakhand University Employee Association on June 23, 2015. Prof. R. D. Kaushik Dean FET, GKV congratulated the elected President and members of the association. Dr. Baliyan said the association will work in the field of expansion and conservation of rights of the employees.



## Semester Exams @ FET





## Sports @ FET



### Prize and Certificate Distribution to the winners

Students of FET participated in various sports activities in Cricket, Basket ball, Football, Table Tennis during inter faculty sport championships. CSE 4th Year Won in Cricket, ME 2nd year won Basket ball championship, Football Match was won by ME 3rd Year, and Team of EE 2nd year won the Table Tennis championship.









# Tips and Tricks for iPhone Users



## 1. Save Battery Life (When It Is Running Low)

When your iPhone battery is running low, turn off Wi-Fi, Bluetooth, Location Services, 3G service, Enable LTE, Vibration, Auto-Brightness, Mail, Contacts, Calendars fetching data should be turned off. This can help make your iPhone last longer. With these off, you can still receive calls, SMS and even go online with EDGE connection.

## 2. Stop The Music With A Timer

Do you like to listen to music when getting into bed for the night but without switching the iPhone. You can use a timer to help you shut down the music. To do this, tap on Clock > Timer > When Timer Ends. Scroll down and tap Stop Playing. Then, set a timer (say 30 mins) and tap Start. Now you may play any music and it will be turned off after 30 mins.

## 3. Delete Last Digit in Calculator App

Entered a wrong digit in the Calculator app? Instead of tapping the Clear [C] button, you can just swipe your finger to the left or right of the numbers to clear the last digit. Each swipe will remove the last digit until the number becomes zero.

## 4. Set An Alphanumeric Passcode

Add an extra layer of protection to your iPhone with an alphanumeric passcode. To activate it, go to Settings > General > Passcode Lock. Turn off Simple Passcode and you will be prompted to enter your alphanumeric password.

## 5. Use Headphone Cord to Take Photo

Some shots need a stable click so you can do it with your headphones. You can trigger a snapshot using the volume up or down buttons on your headphones.

## 6. Switch Shooting Directions in Panorama

Tap the arrow in Panorama mode to switch the shooting direction so you can take a panorama picture from left to right or right to left.

## 7. Find Word Or Phrase within a Web page

In Safari, type in the word in the search bar on the top right and tap Search. In the results page, scroll all the way down and you will see how many words were found on the web pages. Tap on the searched word/phrase and you will be directed back to the web page with the searched word/phrase highlighted in yellow.

## 8. Undo Typing To Delete Typed Message

Hate getting carpal tunnel on your fingers from clearing your written SMS? Try this trick. Shake your iPhone and tap Undo Typing to delete your message. Changed your mind? Shake your iPhone again and tap on Redo Typing to retrieve your original message.

## 9. Type Emoji with Shortcuts

If you like to use Emoji in messaging but don't like to switch the virtual keyboards repeatedly, try this trick to type Emoji with alphabets shortcuts. Go to Settings > General > Keyboard > Keyboards > Add New Keyboard > Emoji.

Insert a frequently used Emoji in Phrase. Insert a text in Shortcut which will be used to convert to Emoji.

## 10. Formatting Email Content

You can format your email content while writing it on your iPhone. Just highlight the text you want to format, then tap on the option arrow to look for the "B/U" button. Tap on it and select the format you want from Bold, Italics or Underline.

## 11. Generate Random Passwords with Siri

The voice assistant Siri can generate random passwords for you. Just activate Siri and say "random password" and you'll be provided an 8-alphanumeric-character password from Siri. You can even add the character length e.g. "random password 16 characters".

## 12. Turn iPhone Assistive Touch Icon On/Off Quickly

Many iPhone users have activated Assistive Touch to alleviate the burden from the Home button. But it could be a little annoying since it is always on top of the screen. You can turn it on or off from the settings button.

## 13. Hide Unused Apple App Icons

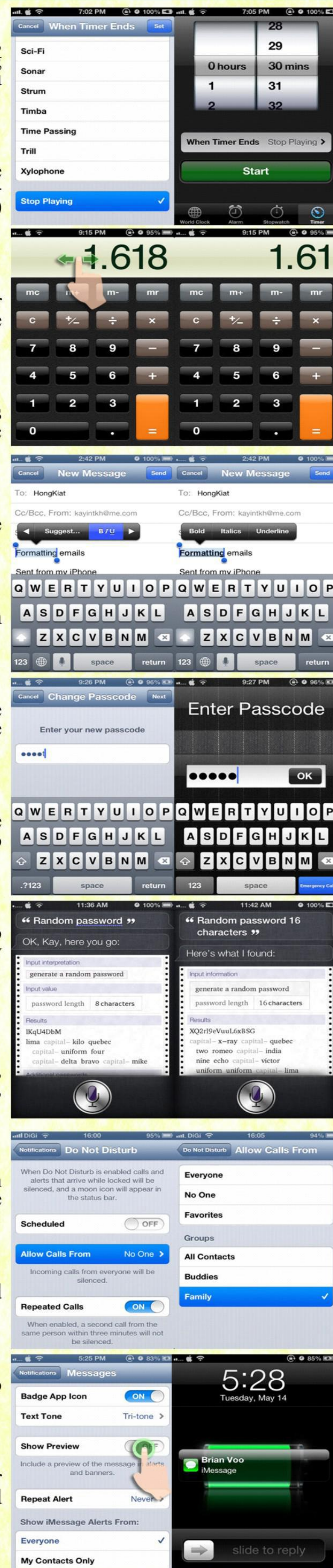
We bet there are many stock apps that you do not need or use at all. The bad news is, you're not allowed to delete them from your iPhone. The good news is, you can hide them using the settings of applications.

## 14. Disable Messages Preview

Here is a simple way to prevent others from accidentally reading your incoming SMS alerts when your iPhone is left unattended. Go to Settings > Notifications > Messages > Show Preview. Tap the option and turn it off to exclude a preview of the message in alerts and banners.

## 15. Activate Text-To-Speech On iPhone

Activate the 'Text-to-Speech' function to let your iOS read out a highlighted article for you. It could be very useful if you want to learn the pronunciation of new words or just want to sit back and let your iPhone read out an article for you while you're driving.





Faculty of Engineering & Technology, Gurukul Kangri University  
Haridwar, Uttarakhand



Cheerio '15  
COMPUTER SCIENCE & ENGINEERING [2011-2015]



News @ FET

अमर उजाला हरिद्वार

# मेला सम्मान तो खिले चेहरे

अमर उजाला लक्ष्य' में छात्र-छात्राओं को किया सम्मानित

र उजाला ब्यूरो

हरिद्वार। ज्वालापुर के अनुराग में दो दिन तक चले अमर उजाला के एजुकेशन फेयर लक्ष्य 15 का रविवार की रात को आयोजित हो गया। इसमें दसवीं और इकाई की परीक्षा में प्रथम श्रेणी में करने वाले छात्र-छात्राओं को सम्मानित भी किया गया। फेयर में अनेक विरोधों ने विद्यार्थियों को हलता के गुर बताया। विभिन्न ध्येय संस्थाओं की ओर से लगाए गए स्टॉल पर जाकर छात्रों ने कार्यक्रमों के बारे में जानकारी ली। कार्यक्रम में आए विद्यार्थियों और उनके अभिभावकों को संबोधित करते हुए गुरुकुल कांगड़ी विश्वि के प्रमुख एवं कैरियर के डॉ. धर्मेन्द्र बालियान ने कहा कि छात्रों के बाद में पर खड़ा होता समय होता है, जहाँ कल्प में से ये जन्मा होता है। अनेक के इतिहास में संजय माहेस्वर प्रोडिंसिलिंग को जा याता उनके अभिभावक छात्रों की तय कर देते हैं। छात्रों को क्या बनना सिका है। धेर चुनने को दें। अनेक हवल सलाहकार सभ्य। विन्मय वि



ज्वालापुर में अमर उजाला लक्ष्य 2015 एजुकेशन फेयर के दौरान सम्मानित छात्रों को साथ गुरुकुल कांगड़ी विश्वि के कैरियर काउंसलर डॉ. धर्मेन्द्र बालियान।

## डॉ. धर्मेन्द्र महासंघ अध्यक्ष

हरिद्वार | हजारे संवाददाता

गुरुकुल कांगड़ी विश्वि के सीनेट हॉल में रविवार को उत्तराखंड विश्वि कर्मचारी महासंघ का चुनाव हुआ। डॉ. धर्मेन्द्र बालियान को सर्वसम्मति से महासंघ का अध्यक्ष और डॉ.एस नेगी को महासंघी चुना गया है। चुनाव बहादुर सिंह मेहता की अध्यक्षता में संपन्न हुआ। उत्तराखंड विश्वि कर्मचारी महासंघ के चुनाव में गुरुकुल कांगड़ी विश्वि के

### चुनाव

- गुरुकुल कांगड़ी विश्वि में महासंघ का चुनाव
- डॉ.एस नेगी महासंघी और कुंवर सिंह को अध्यक्ष बने

वर्षों को सर्वसम्मति से उपस्थित नियुक्त किया गया।

डॉ. धर्मेन्द्र पन्त, चन्द्र प्रकाश और एनएस राजवार को महासंघ का संरक्षक



गुरुकुल कांगड़ी विश्वि में मंगलवार को उत्तराखंड विश्वि कर्मचारी महासंघ की नवनिर्वाचित टीम के स्वागत समारोह को संबोधित करते वक्ता।

## कर्मचारियों की एकता बनाए रखने पर दिया जाएगा ध्यान: डॉ. बालियान

हरिद्वार | हजारे संवाददाता

गुरुकुल कांगड़ी विश्वविद्यालय में मंगलवार को उत्तराखंड विश्वविद्यालय कर्मचारी महासंघ की नवनिर्वाचित टीम का स्वागत समारोह आयोजित किया गया। महासंघ के नवनिर्वाचित अध्यक्ष डॉ. धर्मेन्द्र बालियान ने कर्मचारियों की एकता पर बल दिया। स्वागत समारोह को संबोधित करते हुए महासंघ के संरक्षक दिजेन्द्र पंत और

चंद्रप्रकाश ने कहा कि निर्वाचित टीम का कार्य संगठन को नई ऊंचाइयों पर ले जाना है। अभियांत्रिकी एवं प्रौद्योगिकी संकाय के संकायाध्यक्ष प्रो. आरडी कौशिक ने निर्वाचित टीम को बधाई देते हुए कहा कि संगठन को प्रदेश तथा केंद्रीय विश्वविद्यालयों दोनों में तालमेल बनाना है। महासंघ के अध्यक्ष डॉ. धर्मेन्द्र कुमार बालियान ने कहा कि प्रदेश के सभी विश्वविद्यालयों को संगठन से जोड़ते

हुए संगठन का विस्तार किया जाएगा। उनकी प्राथमिकता कर्मचारियों के हितों की सुरक्षा करना है। कार्यक्रम का संचालन दीपक वर्मा ने किया।

इस अवसर पर श्रद्धानंद कर्मचारी यूनिन के महासचिव प्रकाशचंद्र तिवारी, प्रमोद कुमार, अरविंद कुमार, अमित कुमार, विकास देशवाल, कविंद्र कुमार, प्रवीण कुमार, देवानंद जोशी, अनिरुद्ध यादव, धनपाल, अशोक कुमार आदि उपस्थित रहे।