



स्वामी श्रद्धानन्द
कुलपिता

A QUARTERLY NEWS LETTER



नभग
Flight to Success
NABHAG

FACULTY OF ENGINEERING AND TECHNOLOGY
GURUKULA KANGRI VISHWAVIDYALAYA, HARIDWAR

Volume 3(4)

Apr-Jun 2013

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Welcoming Prof. Ram Prakash, The Hon'ble Chancellor, GKV

Prof. Ram Prakash, Hon'ble Member of Parliament(Rajya Sabha), Former Minister of State for Science & Technology, Haryana joined as New Chancellor of Gurukul Kangri Univerisity on May 21, 2013. Hon'ble Vice Chancellor, GKV, Prof. Col. Swatantra Kumar, Registrar, GKV, Prof. A. K. Chopra and other dignitaries greeted him by offering garland and bouquet.



Dignitaries on the dais



Prof. Swatantra Kumar, VC, Offering garland to Prof. Ram Prakash, Chancellor



Prof. A. K. Chopra, Registrar, Offering garland to Prof. Ram Prakash, Chancellor



Prof. Kaushik, Offering garland to Acharya Shri Vijay Pal ji, President A.P. Sabha, Haryana

Recent Placements



EXL Infotel placment



Genpact Conducted a campus recruitment drive on May 6, 2013 and selected Raghav arora from CSE final year.

Aditya pant from ECE Final year has cleared AFCAT – 2013 (Air Force Common Aptitude Test) with a good score.



Editorial

Dear Readers,

It gives me immense pleasure to welcome Prof. Ram Prakash ji, D.Sc., the Honourable Chancellor of Gurukul Kangri Vishwavidyalaya, Haridwar, and member Rajya Sabha. We are proud of having a distinguished personality as our new Chancellor. He achieved rare distinctions like Full bright Fellowship, UNESCO Fellowship etc. He has written various books and visited more than 15 countries in relation to his research/ academic work. We are publishing his achievements in this issue of Nabhag.



The initiatives taken for development of FET have now started showing results. I congratulate the teaching and non teaching staff for conducting the examinations 10th May 2013, and for making a record as over 700 students participated in examination at the same time. New seminar hall has come up and new mechanical engineering workshop has been completed. Every department made big changes for smooth functioning of departmental activities, like seminars, workshops, guest lectures, and extracurricular activities. FET for the first time became the reporting centre and help centre of Central Seat Allocation Board - 2013 for JEE mains. This is the recognition of the abilities and managerial skills of the teaching and non-teaching staff members of FET. The examination of Staff Selection Commission (Central Govt.) was also conducted at FET in last quarter of year. I also extend a warm welcome to the non teaching staff who had recently joined the various departments of FET.

In the month of June, state of Uttarakhand faced massive disaster leading to the loss of human life, resources and property. It left behind hundreds of broken bridges, roads and houses. Thousands of people died or are still missing according to the media reports. FET expresses deeply felt grief on this heart throbbing natural calamity. May God help the people to recover from this tragedy.

Prof. R. D. Kaushik
Dean, FET & Chief Editor

New Recruitment in FET



Mr. Naveen Kumar
Computer Operator
Office



Mr. Khushi Ram
Lab Attendant
Computer Center



Mr. Chander Singh
Lab Attendant
Dept. of CSE



Mr. Anil Kumar
Computer Operator
Dept. of CSE



Mr. Neeraj Kumar
Lab Technician
Dept. of ECE



Mr. Navdeep Bhardhwaj
Lab Technician
Dept. of EE



Mr. Dheeraj
Lab Attendant
Dept. of ME



Mr. Rohit Pal
Lab Attendant
Dept. of ME



Mr. Mahesh
Lab Attendant
Dept. of ME



Mr. Deshraj
Lab Technician
Dept. of ME



Mr. Sachin
Lab Technician
Dept. of ME



Mr. Manoj Mishra
Library Assistant
FET, Library

Professor Ram Prakash, D. Sc.

Educational Qualifications :

M.Sc.(Hons.), Ph.D. in Chemistry, UNESCO Course in Analytical Chemistry, D.Sc. (Honoris causa) Educated at D.A.V. College, Ambala City, Panjab University, Chandigarh, Charles University, Prague (Praha) and Heyrovsky Institute of Polarography, Prague (Praha), Czechoslovakia
Profession : Ex-Professor of Chemistry , Educationist and Author.



Positions Held

1991-96 Member, Haryana Vidhan Sabha 1991-93 State Minister for Science, Technology and Electronics, Government of Haryana March 2007 Elected to Rajya Sabha April 2007-April 2008 Member, Committee on Rural Development Member, Committee on External Affairs Member, Consultative Committee for the Ministry of Human Resource Development April 2008 Re-elected to Rajya Sabha May 2008 - May 2011 Member, Hindi Shiksha Samiti May 2008 onwards Member, Hindi Shiksha Samiti Aug. 2008-May 2009 and Aug. 2009 onwards Member, Committee on Rural Development Member, Consultative Committee for the Ministry of Human Resource Development Sept. 2009 onwards Member, Library Committee March 2010 onwards Member, Committee on Official Language May 2012 onwards Member, Committee on Welfare of Other Backward Classes Aug. 2012 onwards Member, Committee on Petroleum and Natural Gas

Books Published :

(i) Veda-Vimarsh, (ii) Yajna-Vimarsh, (iii) Pandit Guru Datta Vidyarthi, (iv) Guru Virjanand Dandi; and (v) Satyarthprakash-Vimarsh (all in Hindi); The Vedas (in English) ; edited, (i) Pandit Guru Datta Vidyarthi by Lala Lajpat Rai, (ii) Works of Pandit Guru Datta Vidyarthi (both in English) and (iii) Dandi ji ki Jeevani (Hindi)

Social and Cultural Activities, Literary, Artistic and Scientific Accomplishments and other Special Interests :

Member, (i) Panjab University, Senate, Syndicate, Academic Council and various faculties, for decades, (ii) The National Academy of Sciences, India, Allahabad and (iii) The Electro - Chemical Society of India, Bangalore; Fellow, Indian Chemical Society, Calcutta; UNESCO Fellow in Prague (Czechoslovakia) 1971-72, Fulbright Scholar, Worcester, Massachusetts, USA, 1989; specialization in Electro analytical Chemistry and Inorganic Chemistry; published 93 research Papers; supervised about 20 M.Phil /Ph.D. thesis; involved in social work; organized campaign for building public opinion against female foeticide and for the welfare of lepers; believer in Vedic philosophy as propounded by Rishi Dayanand Saraswati

Countries Visited :

Czechoslovakia, Switzerland, Germany, U.K., Canada, U.S.A., France, Austria, Hungary, Yugoslavia, Romania, the Netherlands, Belgium, Mauritius, Kenya and Thailand

Other Information :

Lecturer, Panjab University, Chandigarh, 1966; Reader, Panjab University, Chandigarh, 1974; Professor, Panjab University, Chandigarh, 1984-2002; Fellow, Panjab University Senate, Chandigarh, 1972-2000; President, (i) Panjab University Teachers' Association, Chandigarh, 1974-76, (ii) Harijan Sewak Sangh, Haryana and Punjab, March 1982-83, (iii) Arya Siksha Samiti, Kurukshetra since 1997 and (iv) Dayanand Mahila Mahavidyalaya, Kurukshetra since 1998; Chairman, College and University Teachers' Associations of Punjab and Chandigarh, 1975-76; Pro-Vice Chancellor, Kurukshetra University, Kurukshetra, 1981-84; Convenor, Haryana Pradesh Congress Committee Backward Classes Cell, August 1970; Member Executive, Haryana Pradesh Congress Committee, February 1986; President and General Secretary, Haryana Pradesh Congress Committee, 1997-2002; Working President, Haryana Pradesh Congress Committee, October 2005 - July 2007 ; Founder Member, MDAV High School, Sector 22, Chandigarh; Member, (i) All India Congress Committee, 1992-95 and since 2001, (ii) Senate and Academic Council of Gurukul Kangri Universty, Haridwar and (iii) Kurukshetra University Court and Executive Council for several years; Founder President, (i) Prabhu Dayal Educational Trust, Kurukshetra, since March 2007 and (ii) Prabhu Dayal Polytechnic, Barna, Kurukshetra, since 2008; attended, Satyarth-Prakash Centenary Celebrations, MGI Moka, Mauritius, 1998, and Arya Samaj Sammelan in Chicago, U.S.A., 2000; actively involved in Arya Samaj movement for the last 50 years; General President, (i) Arya Samaj Sthapna Centenary Celebrations (International Conference), December 2003 and (ii) Arya Samaj Sthapna Centenary Celebrations (International Conference) Nairobi, April 2004; awarded, (i) Haryana Ratna by the Governor of Haryana on behalf of the All India Council of Intellectuals, (ii) Dharmnand - Arya Bhikshu Award, 2000 for literary contributions, (iii) Ghoormal Prahlad Kumar Literary Award, 2003, (iv) Ved-Vedang Award Arya Samaj, Mumbai, 2009, (v) Arya Vidvett Award Gurukul Jhajjar, 2010 and (vi) Maharshi Dayananda Award, Bhubaneswar, 2010.

FACULTY NEWS

1. Semester Exams were finished on 9th may and result was announced on June 16, 2013 which was first among other faculties of GKV.
2. Repeat exams were conducted successfully and were finished on june 16, 2013
3. Aditya pant from ECE Final year has cleared AFCAT – 2013 (Air Force Common Aptitude Test) with a good score.
4. New Non- Teaching appointments were made during this session.
5. Examination seats were raised, more than 700 students participated in examination at a time in FET.
6. Students bid farewell to the passing out batch of ME, ECE, CSE, & EE final year with vitality and cheerful moments
7. Dr. Dharmendra Baliyan contributed in organizing the sports meet of uttarakhand and his contributory work was appreciated by the Vice Chancellor, Doon University, Dehradun.
8. Prof. R. D. Kaushik was unanimously elected as the Sectional President of Chemical Science Section as well as council member of Indian science congress for 2013-14.
9. One research paper of Prof. R. D. Kaushik, Dean FET was published in International Referred/ SCI journal “Acta Physico-Chimica-Sinica”, as a result of his research collaboration with the department de Fisica aplicada-institut de Fabricacio, Universitat Politecnica de Valencia(spain), in European Union project.
10. Prof. R. D. Kaushik, Dean FET was appointed/ invited as an expert by the All India Council for Technical Education (AICTE) for deciding the awards for the best books written in Hindi under various categories.
11. Prof. R. D. Kaushik acted as associate editor of International Journal of Current Chemistry; member, International Advisory Board, Invertis Journal of science & Technology; Member, Editorial Board, Journal of natural and physical sciences; member, Advisory board, Journal of Chemistry, Asia; and as referee for many international journals like Corrosion Science, Journal of Separation and Purification technology, Journal of Solution Chemistry, Invertis journal of science & Technology etc.
12. Dr. M. M. Tiwari delivered a invited talk on “Scientific Spirituality a future of Education” in a one day workshop on Scientific Spirituality at D.S.V.V., Shantikunj in afternoon on april 27, 2013.
13. Ravinder Kumar & Vivek Prasad from EE final year, got placed in an off campus drive of Tiberwal Electricals on May 5, 2013.
14. Genpact Conducted campus recruitment drive on May 6, 2013 and selected Raghav arora from CSE final year.
15. EXL Infotel conducted campus recruitment Drive in FET on May 8, 2013 and selected 20 students from EE, ECE, & CSE.
16. Lateral entry in second year for the diploma holders can apply for direct admission in B.Tech
17. Students of final year were given a farewell by the faculty members and Prof. R. D. Kaushik, Dean, FET.
18. Students of final year Mechanical Engineering Department engaged themselves in innovations have made major project that are using renewable source of energy for electricity production and other purposes, like solar energy based Bicycle and charging mobile and laptop from exhaust fans etc.
19. On the last working day i.e. may 15, 2013 Dean FET, Prof. R. D. Kaushik addressed the faculty members to advise them how to utilize this period of vacations.
20. Dr. Mayank Aggarwal & Mr. Nishant Kumar attended short term course on “Developments & Challenges in Cloud Computing” at IIT, roorkee from June 10- 14, 2013
21. Staff Selection Commission examination was conducted on June 23, 2013 in FET.
22. Department of mechanical engineering is going to organize a two day national conference on “Emerging Trends in Engineering & Sciences” during 9th-10th November 2013.



Dr. Dharmendra baliyan contributed in organizing the sports meet of Doon University



Dr. M. M. Tiwari delivered an Expert Lecture in workshop at D.S.V.V., Haridwar

From Vedas

लोक-लोकान्तरों का आकर्षक सूर्य

व्यस्तभ्नाद्रोदसी मित्रो अद्भुतोऽन्तर्वावदकृणोज्ज्योतिषा तमः ।

वि चर्मणीव धिषणे अवर्तयद्वैश्वानरो विश्वमधत्त वृष्यम् ॥ ॥ ऋग्०६.८.३ ॥

हे मनुष्यो ! जो आश्चर्यजनक गुण, कर्म और स्वभाववाला सबके मित्र के समान वर्तमान सम्पूर्ण मनुष्यों में विराजमान सूर्य, अन्तरिक्ष और पृथिवी को धारण करता तथा प्रकाश से रात्रि को धारण करता है, अन्तः अर्थात् ब्रह्माण्ड के भीतर तीव्र गति से चलता है, जैसे चर्म में रोम धारण किये गये हैं, वैसे सब लोक-लोकान्तरों को और अन्य धारण करने वाले सब ग्रहों को विशेष करके धारण कर वृषों में उत्पन्न वा श्रेष्ठ सम्पूर्ण जगत् को धारण करता है, उसको तुम लोग प्रयोग कर सुखी बनो ।



प्रो०सत्यदेव निगमालंकार,

अध्यक्ष

श्रद्धानन्द वैदिक शोध संस्थान,

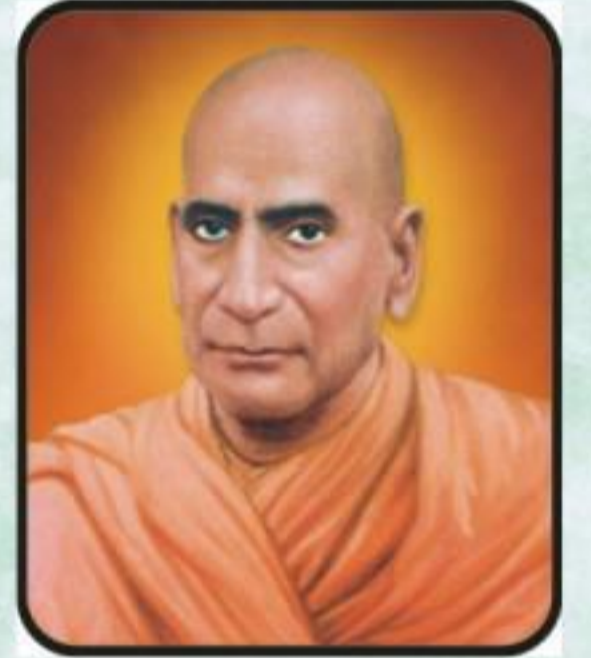
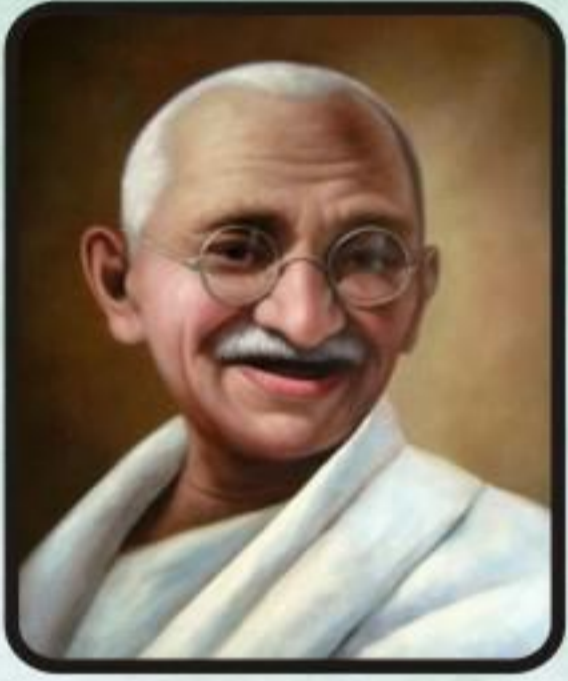
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From Archives

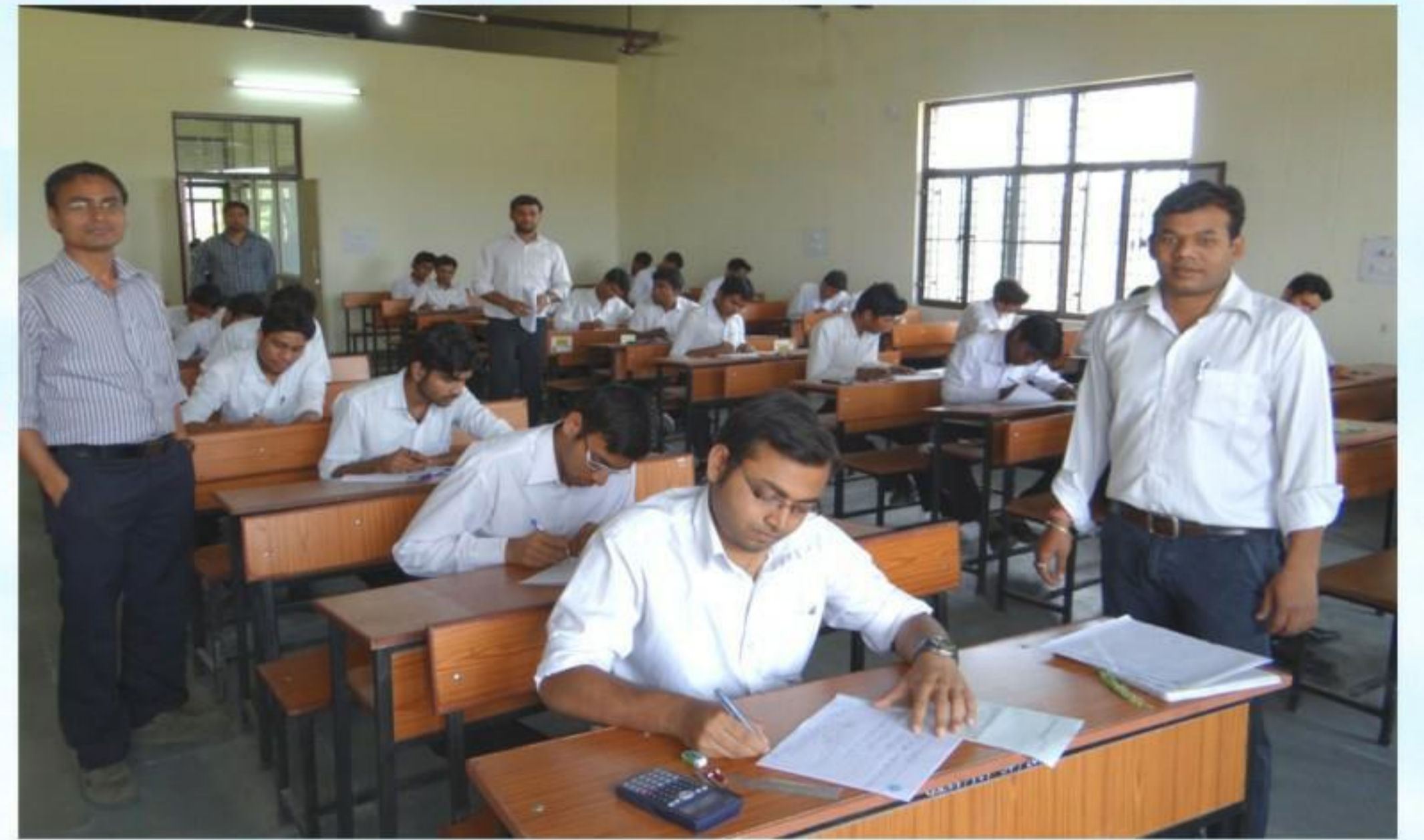
“स्वामी जी वर्ण व्यवस्था को प्राचीन वैदिक सिद्धान्तों के अनुरूप कर्म पर आधारित मानते थे। छुआछूत तथा अस्पृश्यता निवारण कर उनके विचारों को महात्मा गांधी जी बहुत आदर करते थे। गांधी जी का कथन था इस देश अछूतोद्धार के लिए जो कार्य स्वामी श्रद्धानन्द ने किया वह कोई अन्य नहीं कर पाया।”

यही कारण था कि नागपुर कांग्रेस अधिवेशन में अछूतोद्धार का कार्यक्रम स्वामी श्रद्धानन्द जी ने ही प्रस्तुत किया था— इसी प्रकार 9 मई 1924 को कालीकट में दलितों ने जब समानता के अधिकार के लिए सत्याग्रह प्रारम्भ किया वहां पहुंचने वाले भी स्वामी श्रद्धानन्द जी ही थे।

सौजन्य से हेमन्त आत्रेय



Semester Examination



Examination seats raised to over 700

Farewell to Final Year students



IBM Seminar on Ganga Project



FET is taking part in Ganga Project in Collaboration with IBM, under IBM center of Excellence

केदार घाटी बनाम प्रगतिवाद

हिमालय में घटित भयानक त्रासदी के घाव दीर्घकाल तक भारत वर्ष को सालते रहेंगे परंतु इस प्रलय की रंगभूमि बने उत्तराखण्ड की पीड़ा अकथनीयक है और रहेगी। इस भूमि का कण-कण जन-जन आज दिख रही और प्राप्त भौतिक समृद्धि का मूल्य चुकाने को विवश है तथा खुद को ठगा हुआ पाता है। उत्तराखण्ड के प्रकृति सौंदर्य प्रेमी, उत्तराखण्ड के बुद्धिजीवी, उत्तराखण्ड के पर्यावरण प्रेमी और इन सबसे बढ़कर वह पीढ़ी जिसकी जीवन संध्या होने को है, बेबस है यह विनाश लीला देखने को बस मूकदर्शक बन। आप तथाकथित प्रगतिवादियों को अगर याद हो तो इस विनाश लीला से मात्रा एक दिन पूर्व तक यह सभी चिल्ला रहे थे कि मत खेलो प्रकृति से, मत उजाड़ो वनों को, मत खोखला करो पहाड़ों का हृदय, परंतु विशाल अट्टालिकाओं के वातानुकूलित कार्यालयों में बैठे हमारे भाग्य के तथाकथित नियंताओं ने इनकी एक न सुनी और पहाड़ों का सीना खोखला कर रहें हैं। परिणाम वही जो एक हृदयविहीन प्राणी की चीत्कार से अपेक्षा होती है उससे उपजा अकल्पनीय महाविनाश-सर्वत्रा जो लील गया न जाने क्या-क्या और कहाँ-कहाँ।



सदा की भाँति आकड़ें निर्मित किए जा रहे हैं, जो भी हो पर क्या सत्य आकड़ों से ढका जा सकता है? एक मृत्यु से परिवार और समाज का ताना बाना प्रभावित होता है तब इस पूरे समाज की मृत्यु के आकड़ें किस सत्य को उजागर करेंगे। माँ की गोद, पत्नी का पति और संतानों को निर्भय कर दें, यह कदापि संभव नहीं। आपकी कोई दलील बुढ़े हो चुके शरीरों के लिए लाठी का काम नहीं कर सकती। आपका कोई तर्क इन्हें दिलासा दे पाएगा यह विचार करना ही विचार योग्य नहीं है क्योंकि आप प्रगतिवादियों की तथाकथित देशभक्ति ने अंततः भस्मासुर बन इस देश को ही नष्ट कर देने के अपने मनसुबे जता दिए हैं।

मेरा पूर्ण विश्वास है कि जिस दिन इस भारत भूमि की धरा, जन मानस से विमुख हुई उसी दिन से इस महाविनाश की ओर न जाने अन्य कितनी विनाश लीलाओं की पट्ट-कथा का लेखन आरंभ हो गया था। वेदों के काल में भी उन्नति हो रही थी परंतु यह उन्नति प्रकृति के साथ थी विरुद्ध नहीं, आप याद रखें कि इस धरा की धरोहर वैदिक सत्ता और वैदिक परंपराएं जिनको कि आपने अपने प्रयोग कक्षों और कार्यालयों में उपहास और निंदा का विषय बना डाला और इस सबके परिणाम (संभवतः यह मात्र प्रथम चेतावनी है) का परिमाण करने के लिए कई दशक भी कम प्रतीत होते हैं। आप प्रगति के ठेकेदारों के क्रियाकलापों ने इस स्वर्ग जैसी धरा को धधकते हुए ठंडे नर्क में परिवर्तित कर दिया और मूल्य चुकाया उन्होंने जिनका जीवन अगर ये सब न होता तब निश्चय ही शेष होता, परिवार शेष होते, इच्छाएं शेष होती ! स्मृति शेष कदापि नहीं होती।

भारतेन्दु हरिश्चन्द्र के शब्दों में – 'जिसको न निज देश निज भाषा का अभिमान है नर नहीं नर-पशु है वह निरा मृतक समान है।' मेरे प्रगतिवादी मित्रों जब यह धरा मनुष्यविहीन और संभवतः प्राणीविहीन हो जाएगी क्या तभी आप समझेंगे कि "नसतो विद्यते भावो नाभावो विद्यते सतः", अर्थात् – अभाव से भाव की उत्पत्ति नहीं हो सकती और यदि आप प्रगति हेतु यह मूल्य देने को तत्पर हैं तब ऐसी घटनाओं के लिए भी तैयार रहें।

शत्रुघ्न झा

प्रभारी पुस्तकालय विभाग

अभियांत्रिकी एवं प्रौद्योगिकी संकाय गुरुकुल कांगड़ी विश्वविद्यालय, हरिद्वार

Windows 8 Tips & Tricks

1. Open from the lock screen & basic navigation

Tap the space bar, spin the mouse wheel or swipe upwards on a touch screen to reveal a regular login screen. On a regular desktop, you might alternatively spin the mouse wheel to scroll backwards and forwards.

2. Group apps

You can easily sort the start screen apps into custom groups. For example you might drag People, Mail, & Messaging over to the left-hand side, to form a separate 'People' group. Click the 'minus' icon in the bottom right corner of the screen to zoom out and you'll now find you can drag and drop the new group around as a block.

3. Use the quick access menu

Right-click in the bottom-left corner (or win+X) for a text-based menu that provides easy access to lots of useful applets and features: Device Manager, Control Panel, Explorer, the Search dialog etc.

4. Shut down

To shut Windows 8 down, just move the mouse cursor to the bottom right corner of the screen, click the Settings icon - or just hold down the Windows key and press I - and you'll see a power button. Click this and choose 'Shut Down' or 'Restart'.

5. Use the app bar

Windows 8 aims to be simpler than old-style versions. There are few options available on the App bar, so you can either right-click an empty part of the screen, press Windows+Z or flick your finger up from the bottom of the screen to take a closer look.

6. Launch apps from the desktop

Right-click on an empty part of your desktop, select New > Shortcut, and type Explorer Shell:AppsFolder in the "Location" box. Click Next, enter a name - "All Programs", for instance - and click Finish. Double-clicking that shortcut will open a folder listing all your installed programs & apps.

7. See what's running

Press Alt+Tab, which shows you running programs. Holding down the Windows key and pressing Tab displays a pane on the left-hand side of the screen with your running apps or you can press Ctrl+Shift+Esc to see the Task Manager.

8. Close an app

Windows 8 apps don't have close buttons, so If you want to close an app, move the mouse cursor up to the top of the screen. When the icon to hand icon, hold down the left mouse button and drag it down the screen. Your app should shrink to a thumbnail which you can drag off the screen to close it.

9. Hide the taskbar

If you run Windows 8 on a tablet then it makes sense to keep your taskbar on the left, where it takes minimal space and is best placed for easy thumb access. Switch your tablet to portrait orientation, and the taskbar will rotate accordingly.

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Innovative Working Projects by Mechanical final Year Students



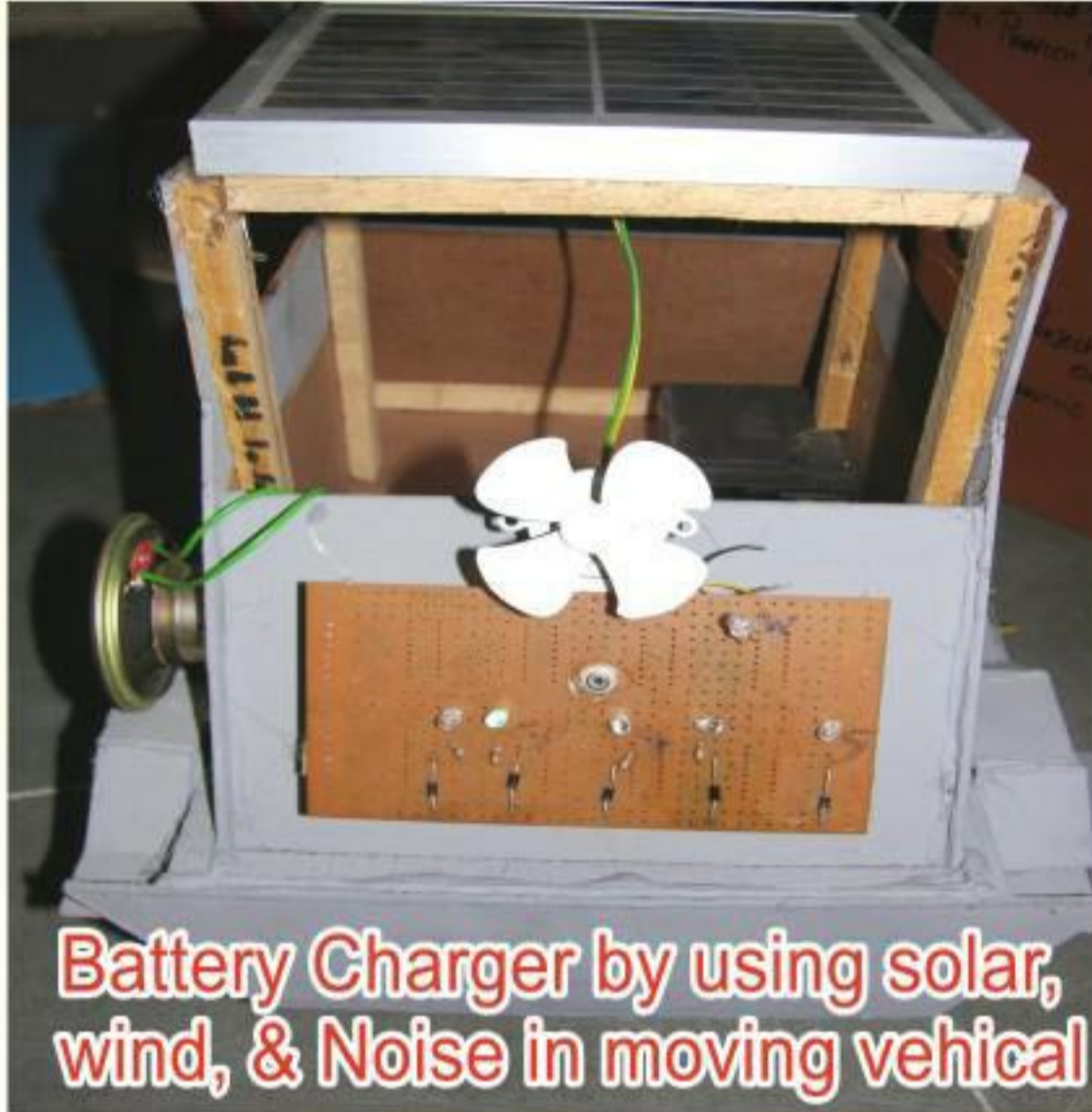
Solar Cycle



Manual Washing Machine



Wind operated lighting system



Battery Charger by using solar, wind, & Noise in moving vehical



Instant moter Stopper



Solar operated boiler

Other Events



Farewell glimpses



JAVA Training session



DB tools workshop participants and faculty members



Genpact Placement Drive