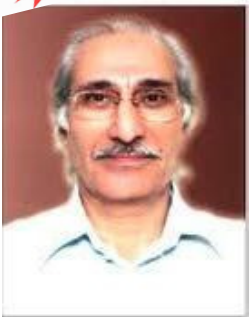




Vol.4 Iss. 2 (April-June 2014)



From the VC's Desk



The new academic session is just got underway and some new members of JUIT family have joined us, while we have bid adieu to our friends who graduated this year, we wish them all a truly successful and brilliant professional career.

JUIT welcomes our new students. As they have just graduated from the schools hence they will need some

time to get adjusted to the new environment, the pace and the new routine. We are aware of the fact that they have left behind their parents, their home and their school mates and thus a little hand holding to overcome those emotional bonding is to be provided. JUIT must at the same time get these young enthusiastic students and budding engineers to a scathing pace of self exploration, self discovery and self learning. We have to train them as to how to organize their work schedule, manage time, and create new friends while learning the art of living in the hostel with friends and roommates.

I believe mentors have been assigned batch wise to the fresher's and we hope that they shall make the best

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use of this new dimension of care through the foster guardians. Hopefully they will make it a habit to discuss any and every problem with their mentors so that it can fill the void that is caused by the absence of their parents and friends.

The senior students are now getting into new class schedules with new responsibilities and challenges as the studies become more intense and the seminars, projects and tutorial presentations with term papers become a continuous search for knowledge discovery and its application.

Some new faculty members too have joined us and we welcome them to our fold while we wish every departing faculty member pleasant memories of

JUIT.

Every institution has the responsibility to train, equip and educate the students into responsible professionals and productive citizens. While the curricula shall take care of the training for the professional competence, the other activities through various clubs & activity centers must be aimed to equip every student with the other necessary skills and attitudes.

I suggest to each one of you to have a GOAL, a goal that can change the life of every Indian and even the whole humanity and let every day be a deliberate step towards achieving that GOAL.

When you get up in the morning, think of all the great things that you can & will accomplish that day and in the

night when you go to bed think of all the good things that you have achieved and those that still remain.

Learn to be creative, strive to be innovative and have an attitude to be appreciative of the positive things of life come to JUIT family; together let us create a life full of wonderful learning experiences for all.

Quote of the Month

“Live as if you were to die tomorrow. Learn as if you were to live forever.”

— Mahatma Gandhi

Events at JUIT

Workshop on “Tools and Techniques for Data Analysis in Management Research”

Department of Humanities and Social Sciences organized its Third Workshop on “Tools and Techniques for Data Analysis in Management Research” during June 16-21, 2014. The workshop was attended by 34 delegates from different parts of the country. Dr. Amit Srivastava worked as Organizing Secretary as well as a Resource Person of the Workshop. Dr. Puneet Bhushan Sood,



Delegates of Workshop on “Tools and Techniques for Data Analysis in Management Research”

Dr. Anupriya Kaur and Dr. Neha Aggarwal served as Resource Person.

International Convention on Engineering & Management (iCEM)

Civil Engineering Consortium (Students' body) organized an International Convention on Engineering & Management (iCEM) during April 26-

27, 2014. Prof. Dimitris Kaskaoutis from Greece was invited as International Speakers.

Awards and Honors

PhD of the Month



Varun Jaiswal did his PhD under Supervision of Dr. Chittaranjan Rout, Department of Biotechnology and Bioinformatics in May 2014. He did his work on

"Development of Immunoinformatics Tools for Vaccine Design"

Best Paper Award

Aditya Ahuja, Nikita Gupta, Kamal Dewan, Meenakshi Sood were awarded with Best Paper Award During 4th SARC-IRF International

The PhD Awarded from JUIT is now reached to 62 since start of the Program

Conference, New Delhi: 27th April-2014

Visits as Technical Expert

Meenakshi Sood was invited as a technical expert at MNIT JAIPUR during 1-3 April 2014.

Publications

Journal Publications

Amit Sud, R. S. Chauhan, Chanderdeep Tandon (2014). Mass Spectrometric Analysis of Differentially Expressed Proteins in an Endangered Medicinal Herb, *Picrorhiza kurroa*. *Biomed Research International*, 2014(2014), Article ID 326405.

Anant Yadav, Shivani Sood, Rahul Shrivastava (2014). Promoter trap strategy for gene expression analysis under stress conditions of *M. tuberculosis* latency. *BMC Infectious Diseases*, 14 (Suppl 3), O13

Ashwani Kumar, S. P. Ghrera, Vipin Tyagi (2014). Implementation of Wavelet Based Modified Buyer-Seller Watermarking Protocol (BSWP). *WSEAS Transactions on Signal Processing*, 10, 212-220.

Jitendra Virmani, Vinod Kumar, Naveen Kalra and Niranjana Khandelwal (2014). Neural network ensemble based CAD system for focal liver lesions using B-mode ultrasound. *Journal of Digital Imaging*, 27(4), 520-537.

Meenakshi Sood and Sunil V. Bhooshan (2014). Design and Development of Prediction Model to Detect Seizure Activity Utilizing Higher Order Statistical Features of EEG signals. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 5(3), 1129-1145.

Mohit Kumar and S. P. Ghrera (2014). New Group Key Transfer Protocol using CBU Hash Function. *Indian Journal of Science and Technology*, 7(1), 19-24.

Puneet Bhushan (2014). Insights into Awareness Level and Investment Behaviour of Salaried Individuals towards Financial Products. *International Journal of Engineering, Business and Enterprise Applications*, 8(1), 53-57.

Puneet Bhushan (2014). Relationship between Financial Literacy and Investment Behaviour of Salaried Individuals. *Journal of Business Management & Social Sciences Research*, 3(5), 82-87.

Rajinder S Chauhan, Sri Krishna Chanumolu, Chitraranjan Rout,

Rahul Shrivastava, (2014). Can mycobacterial genomics generate novel targets as speed-breakers against the race for drug resistance. *Current Pharmaceutical Design*, 20(27), 4319-4345.

Shruti Jain (2014). Implementation of Fuzzy System using Operational Transconductance Amplifier for ERK pathway of EGF/ Insulin leading to Cell Survival/ Death. *Journal of Pharmacy and Biomedical Science*, 4(8), 701-707.

Saurav, Ashok Kumar Gupta (2014). Experimental study of strength relationship of concrete cube and concrete cylinder using ultrafine slag Alccofine. *International Journal of Scientific & Engineering Research*, 5 (5), 102-107.

Anil Kumar, Poonam, Ashok Kumar Gupta (2014). Some Aspects of Sustainable Buildings for Hilly Regions. *International Journal of Scientific & Engineering Research*, 5 (5), 173-178.

Anil Kumar, Poonam, Ashok Kumar Gupta (2014). Effect of Effect of Damping on Shock Spectra of Impulse Loads. *International*

Journal of Scientific & Engineering Research, 5 (5), 78-85.

Ankur Thakur, Dipali Sharma, Parveen Kumar, Nikita Gupta, Poonam (2014). Expected seismic performance of buildings located in Wagnaghat and Kandaghat area of Solan district. *International Journal of Scientific & Engineering Research*, 5 (5), 95-101.

Anshul Sud, Raghav Shekhawat, Poonam (2014). Economical placement of shear walls in a moment resisting frame for earthquake protection. *International Journal of Scientific & Engineering Research*, 5 (5), 66-77.

Top 10 Productive Authors

Productive Authors	
Author	Publications
Ghanshyam Singh	143
Nitin	140
Pankaj Sharma	111
Rajinder S. Chauhan	95
Chanderdeep Tandon	70
Davinder Singh Saini	65
Partha Bir Barman	57
Sunil Vidya Bhooshan	56
Vineet Sharma	56
Vivek Kumar Sehgal	51

Book Chapters

Pavan Kumar Agrawal and Rahul Shrivastava: Molecular Markers. In: J. Saxena, I. Ravi, M. Baunthiyal (eds). *Advances in Biotechnology*, London: Springer, 2014. Pp. 25-39. [ISBN: 9788132215530]

Saurabh Bansal, Gunjan Goel, Swati Ojha. Applications of Industrially Important Enzymes. In: Vikas Beniwal and Anil K Sharma (eds), *Industrial Enzymes: Trends, Scope and Relevance*. Nova Publishers, 2014, pp. 49-72.

Saurabh Bansal, Gunjan Goel, Swati Ojha. Industrial Enzyme Production. In: Vikas Beniwal and

Anil K Sharma (eds), *Industrial Enzymes: Trends, Scope and Relevance*. Nova Publishers, 2014, pp. 15-32.

Conference Publications

Aditya Ahuja, Nikita Gupta, Kamal Dewan, Meenakshi Sood (2014). Deploying Pragmatic Techniques for Campus Network Design. *Proceedings of SARC-IRF International Conference*, [New Delhi; 12th April-2014] ISBN: 978-93-84209-03-2.

Amandeep Goyal, Naina Singh, Meenakshi Sood (2014). Texture Based Classification for Face Recognition. *Proceedings of SARC-IRF International Conference*, 4th: New Delhi: 27th April-2014], ISBN: 978-93-84209-08-7.

Meenakshi Sood and Sunil V. Bhooshan (2014). Automatic Processing of EEG signals for Seizure Detection using Soft Computing Techniques. *Proceedings of IEEE International Conference on Recent Advances and Innovations in Engineering* [Jaipur; 09-11 May, 2014].

Department wise publication output

Department	Publications
BT/BI	412
ECE	358
CSE	274
PHY	249
CIVIL	123
HSS	82
IT	73
PHAR	63
MATH	62
LRC	34

Sponsored Project Awarded to JUIT

A DST-RFBR sponsored Indo-Russia collaborative project "Elucidating the linkage between key limiting processes and microorganisms during anaerobic degradation of lignocellulosic waste" has been awarded for a period of two years. The JUIT will collaborate with Winogradsky Institute of Microbiology, Russian Academy of Sciences, Moscow to accomplish this INDO-RUSSIA collaborative project.

Conference Attended

Dr. G.L. Gupta attended one week Training Program for CPCSEA Nominees from 26-30 May, 2014 at National Institute of Animal Welfare (NIAW), Ballabgarh organized by Ministry of Environment & Forests, Government of India (Animal Welfare Division).

Invited Talk Delivered

Dr. Sudhir Kumar was Invited by "Ministry of Rural Development, Govt. of Himachal Pradesh" as a resource person for conducting a workshop on Solid and liquid waste management in rural Himachal. He delivered a talk on "Disposal and usage of kitchen waste". The workshop held on 9th April, 2014.



JYC holds its Annual Festival “Lefiestus” 2014

LeFiestus, the annual socio cultural festival of Jaypee University of Information Technology, Solan (H.P) was organized by JUIT Youth Club (JYC), the official student body of JUIT, from 5-7

April 2014. This year

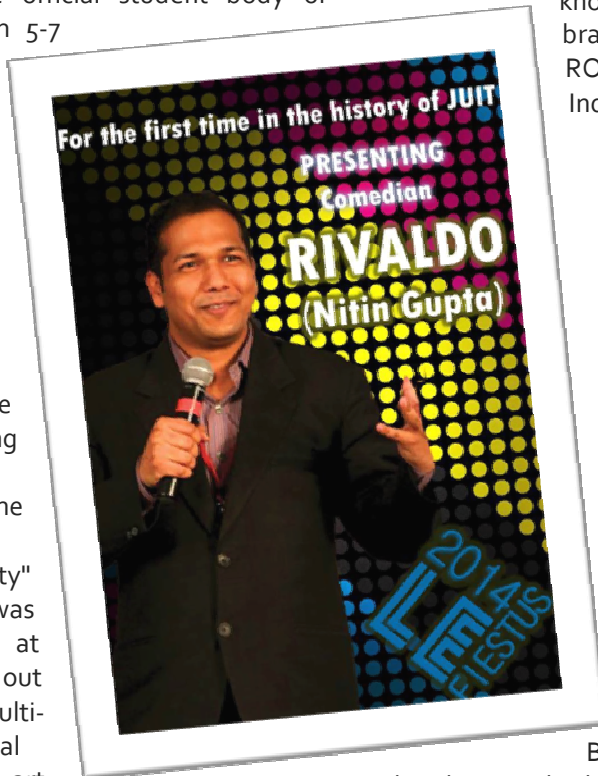
LeFiestus was centered on the

importance of being different, theme "the Reverence for Diversity" which was aimed at bringing out the multi-dimensional facets of art, music, creativity and innovation. The 3 day extravaganza started with the cultural night on 5th April 2014 in which the fest was declared open by the Vice Chancellor Prof S K Kak.

The dance groups from various universities showcased their talent in the dance competition. It was followed by the War of Bands competition on second day and "EKA BAND" widely known for its unique brand of SWATANTRA ROCK. On 6th night, India's best DJ, DJ NYK

Scintillating Performance of Benny Dayal

LeFiestus came to an end with the star performance BENNY DAYAL who is the voice behind "Badtameez Dil", "The Disco Song", "Tujh pe fida", "Daaru Desi", "Aadat Se Majboor" and many more Bollywood chartbusters.



performance left the audience mesmerized. In the evening the "AADHYA BAND", a SUFI ROCK band, raised the energy level all around and adding the tinge of music to divinity.

Hilarious Comedy Show

Stand-up comedy which is a craze in India nowadays marked the third day. Stand-up comedian NITIN GUPTA, famous with the name RIVALDO, left the audience rolling in aisles with his intelligent and witty humor.



Ebola Virus Threats

Ebola virus disease or Ebola hemorrhagic fever is a disease of humans and other primates caused by an ebola virus. The Symptoms of the ebola virus infection is observed at fever,

sore throat, muscle pain and headaches. The other symptoms are vomiting, diarrhea along with decreased functioning of the liver and kidneys.

The virus and its species were both originally named for Zaire after its first detection in 1976 in Zaire, Now Democratic Republic of Congo. Recently

in April 2014 its second outbreak has been noticed and most of the West African Region are under threat of this life threatening Virus (Source WHO <http://www.who.int/mediacentre/factsheets/fs103/en/>).



Hilly Ramblings

Quarterly Newsletter of JUIT

Editorial Board

- Dr. S.K. Jain, Department of Civil Engineering
- Dr. D. S. Saini, Department of Electronics and Communication Engineering
- Dr. Aklank Jain, Department of Biotechnology & Bioinformatics
- Dr. S.K. Hazra, Dept of Physics and Material Science
- Mr. Deler Singh, Department of HSS
- Dr. Sakshi Babbar, Dept of Computer Science
- Mr. Shri Ram, Learning Resource Center
- Dr. Neel Kanth, Department of Mathematics

Comments and Feedback are invited at: hillyramblings@juit.ac.in