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🌸 Greetings, Roorkee Alumni friends,

Hope the upcoming holiday season is full of excitement for all.  
We have maintained a great momentum into 2013 with these programs.

**a) Job and Intern placement for IITR Alumni kids & IITR students in US**

While this is not a formal IITRHF program, we actively work with our extended alumni network to place all US based alumni/ students that reach out to us. In 2013 we helped 3 members in getting a new job/ internship.

**b) 5<sup>th</sup> Annual Business Plan Competition Chair: Prady Misra, BE-E&C'78, ex-GM, Microsoft**

The 2013 IITRHF Business Plan competition attracted 14 entries. The Executive Summaries were evaluated on a published rubric and the teams got detailed feedback with coaching and mentoring. The teams prepared a live presentation and Q&A to a panel of judges, followed by the submission of a business plan that accommodated all the feedback along the way. It was a tough competition and very little separated the teams from each other. The final standings were based on the evaluations at every stage of the process.

Awards for 2013	Amount (Rs)	Company	Team Leader	IITR batch
Best Overall Business Plan	75,000	Swarajneeti	Prasoon Gupta	Civil 2009
Most Innovative Idea	25,000	E-Concept	Prashant Chaturvedi	Civil 2015
Judges Choice Award	25,000	Traveleasy	Gouresh Singhal	ECE 2015
Honorable Mention	5,000	MoodSense	Shubham Jain	Civil 2014
Honorable Mention	5,000	PosterGully	Nimish Gopal	Biotech 2012

Congratulations to the prize winners and thanks to all participants. We wish all of them the very best and invite them to stay connected with IITRHF on their start up businesses. We would like to thank all of the participants and acknowledge the organizers for their hard work and initiative, Prof. Arun Kumar for publicizing the competition on IIT-R campus, Gaurav Kumar for managing the website, panelists Manoj Goel, Harish Goyal, Abhai Johri, Gopaluni Sridhar and Sanjay Keswani who reviewed multiple entries and provided mentoring/ feedback along the way.

Finally, we are always looking to get more alumni mentors. Please contact Entrepreneurship Chair Prady Misra directly at [prady.misra@iitr-heritagefund.org](mailto:prady.misra@iitr-heritagefund.org). The time commitment is ~20 hours total to review ~5 applications and provide mentoring to ~2 teams.

Previous year winners listed at <http://www.iitr-heritagefund.org/entrepreneur-mentoring>

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**c) 5<sup>th</sup> Annual IITRHF Excellence Awards Competition: Chair: *Aditya Gupta, BE-Mech'74***

IITRHF will be awarding 50+ excellence awards- one in every department and every year, based on a mix of current student's leadership, sports, and academic excellence in Jan 2014. Of these 30 are personalized awards set up by alumni in their [family/ parents names](#). You can set one an award in your family name by Dec'13 for the Jan'14 ceremony.

See list at <http://www.iitr-heritagefund.org/heritage-awards/personalized-annual-award>

Previous year winners and photos at <http://www.iitr-heritagefund.org/heritage-awards>

**d) Chair Professor at IITR**

IITRHF worked with IITR administration to establish one Chair to accelerate R&D, teaching and training in the area of Soil Dynamics and Geotechnical Earthquake Engineering – by Dr. Shamsheer Prakash, Civil (1954).

More details about Dr. Prakash at <http://yoga10.org>

**e) Research scholars' assistance for International Conferences:**

(co-Chairs: *Dr. Vivek Verma, BE Ind'83 and Dr. Hari Dutt Sharma, BE Civil'64*)

The following 10 candidates were granted funding to help present their research in 2013:

**Rahul Roy**, B. Arch IV year

**Conference:** International Conference on Economics Marketing & Management (ICEMM) 2013, Dubai, UAE, January 19-20, 2013

[http://www.menafn.com/events/Event.aspx?E\\_ID=1800](http://www.menafn.com/events/Event.aspx?E_ID=1800)

**Title:** Liberalization and organizational restructuring of the construction industry in India

**Anuradha Ravi**, PhD 2nd year, Department of Computer Science and Engineering

**Conference:** The IEEE international symposium on Mobile Cloud Computing and Service Engineering, San Francisco, US, March 26-28, 2013

<http://www.engr.sjsu.edu/gaojerry/IEEEEMobileCloud2013/index.htm>

**Title:** Energy Efficient Seamless Service Provisioning in Mobile Cloud Computing

**Mohar Singh**, B. Tech IV year, Department of Paper Technology

**Conference:** 2013 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2013), Singapore; April 16-19, 2013

[http://www.ntu.edu.sg/home/epnsugan/index\\_files/SSCI2013/](http://www.ntu.edu.sg/home/epnsugan/index_files/SSCI2013/)

**Title:** Global Optimization of a Single Inlet T-Junction Cooling System Using Differential Evolution

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**Vikramaditya Dave**, Ph.D., Department of Electrical Engineering

**Conference:** 40th International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 29-May 3, 2013

<http://www2.avs.org/conferences/icmctf/>

**Title:** Influence of Sputtering Pressure on the Structural, Optical and Hydrophobic properties of Sputtered deposited HfO<sub>2</sub> Coatings

**Monika Patial**, Ph.D. Department of Physics

**Conference:** International Nuclear Physics Conference, Firenze, Italy, June 2-7, 2013

<http://www.inpc2013.it/>

**Title:** Non-adiabatic description of proton emission from the odd-odd nucleus 130Eu

**Yogesh Udaykrishna Shah**, Ph.D., Center of Transportation System

**Conference:** International Conference on Airfield and Highway Pavement, Los Angeles, uSA June 9-12, 2013

<http://content.asce.org/conferences/pavements2013/>

**Title:** Analyses of Flexible Pavement Serviceability Using ANN for Urban

**Akshay V. Singhal**, B. Tech II year, Department of Metallurgical and Materials Engineering

**Conference:** 3<sup>rd</sup> International Conference on Disaster Management and Human Health: Reducing Risk, Improving Outcomes, A Coruña, Spain, July 9-11, 2013

<http://www.wessex.ac.uk/13-conferences/disaster-management-2013.html>

**Title:** Networking solution for disaster management to address liaison failures in emergency response

**Ranjay Hazra**, Ph.D., Department of Electronics and Communication Engineering

**Conference:** IEEE International Conference on Signal Processing, Communication and Computing, Kunming, China, August 5-8, 2013

<http://www.icspcc2013.org/>

**Title:** Performance Analysis of TR, ATR and DTR Receivers in IR-UWB Communication System

**Khusboo Verma**, Ph.D., Department of Mathematics

**Conference:** 11<sup>th</sup> Engineering Mathematics and Applications Conference, Queensland University of Technology (QUT), Brisbane, Australia from 1st – 4th December 2013

<http://emac2013.com.au/>

**Title:** Mixed type Higher order Symmetric duality under invexity/ pseudoinvexity

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**Kapil Agarwal**, B. Tech IV year. Computer Science and Engineering

**Conference:** 2nd International Conference on Advanced Computing, Networking and Security, NITK Surathkal, Mangalore, 15th - 17th December 2013

<http://adcons.nitk.ac.in/>

**Title:** Anomaly Detection and Similarity Search in Neutron Monitor Data for Predictive Maintenance of Nuclear Power Plants

### Other Programs

#### Share your Entrepreneurial Success Story:

If you have been part of a start-up, served as an executive (VP or above), or been a partner in a venture, please share your success story with our patrons. Please follow this link to share

[Share your Entrepreneurial Success Story](#)

#### IITRHF Alumni Guest Lecture Series:

This platform provides a forum for Alumni to share their experiences with students on campus.

If you are interested in giving a talk at IIT Roorkee or Saharanpur campus, please fill out the request at the link

[Request to schedule your talk at IIT Roorkee](#)

IITRHF will facilitate the logistics such as booking a lecture hall, advertising talk on campus, make lodging/ boarding arrangements in VIP guesthouse, and (if needed) transportation from Delhi to Roorkee. The talks are held at Placement Center (across from Convocation hall, formerly known as Hangar), Senate Hall, or Department Auditoriums.

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### ABOUT IITRHF

All IITRHF programs are volunteer run with no financial overhead.  
IITRHF is a 501c USA based organization and all US donations are tax deductible.

As we march on this journey in 2013, we look forward to **your support in 'tan, man, dhan' (time, evangelism, donations)** to expand our current programs and establish new programs.

To set up a personalized award, give a guest lecture, discuss a new program, or for any suggestions and feedback, please contact us at [admin@iitr-heritagefund.org](mailto:admin@iitr-heritagefund.org)

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## Roorkee Alumni Give Back Opportunities

### Set up a Family Award

Donate \$5000 and set up your Annual Family Award in the department of your choice  
<http://www.iitr-heritagefund.org/heritage-awards/personalized-annual-award>

### Become a Lion Donor

Donate \$1000+ and join this distinguished list of Lion Donors  
<http://www.iitr-heritagefund.org/lion-donors>

### Become a Club Donor

Donate \$100+ and join this list of Club Donors  
<http://www.iitr-heritagefund.org/club-donors>

### Contacts:

Manoj Goel, President, IITRHF  
Aditya Gupta, Treasurer, IITRHF  
Harish Goyal, Chair, IITRHF Development and Outreach

e-mail: [admin@iitr-heritagefund.org](mailto:admin@iitr-heritagefund.org)  
Visit us @ [www.iitr-heritagefund.org](http://www.iitr-heritagefund.org)

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