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🌸 Greetings, Roorkee Alumni friends,

Hope the 2nd quarter of 2013 is full of excitement for all. The year 2012 was full of activities for IITRHF and we have great momentum going into 2013.

The IITRHF 2012 Highlights are available at <http://www.iitr-heritagefund.org/year-2012>

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 college students that reach out to us. In 2012 we placed 3 students, and in 2013 we helped 5 students to date in their 1st job.

5th Annual Business Plan Competition *(Chair: Prady Misra, BE (E&C) 1978, ex-GM, Microsoft)*

IITRHF aspires to help keep the entrepreneurial fire burning in alumni members. We connect the budding entrepreneurs with the successful ones in our alumni network for guidance and mentoring. The 2013 Business Plan Competition was announced in April, and we are in the process of receiving entries. The previous year activities are listed at

<http://www.iitr-heritagefund.org/entrepreneur-mentoring>

Share your Entrepreneurial Success Story:

If you have ever been a 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.

IIT Roorkee Heritage Foundation 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.

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](#)

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Research scholars' assistance for International Conferences:

(co-Chairs: Dr. Vivek Verma, BE (Industrial) 1983 and Dr. Hari Dutt Sharma, BE (Civil) 1964)

A total of 24 requests were received to date in 2013 and the following 5 were granted funding:

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

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 Paper Technology IV year

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/

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

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 HfO₂ Coatings

Monika Patial, Ph.D. Department of Physics

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

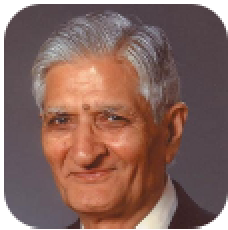
<http://www.inpc2013.it/>

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



IITR Alums reaching heights in their professional endeavor:

(Note: If you have a recent honor or award to share with fellow Roorkeeites, please email to admin@iitr-heritagefund.org)



**Luncheon to Honor Dr. Shamsheer Prakash, BE (Civil) 1954
Westin Hotel, Chicago North Shore
May 4, 2013**

After a very successful 7th International conference on Case Histories in Geotechnical Engineering, which Dr. Prakash started about 40 years ago, a celebration was held to recognize Dr. Prakash's leadership. His colleagues, peers and ex-students packed the hall and although a large number of attendees wanted to speak to honor him and talk about his contributions, only a few were able to do so, due to the time limitation. In the evening, the celebration continued with a sumptuous dinner where additional comments were made about Dr. Prakash and his achievements.

Those who talked about his contribution to the profession and IIT Roorkee were: Provost and Dean of the S&T University of Missouri, Professor Mitchell, Virginia Tech, Professor Finn, University of British Columbia, Dr. Poulos from Australia, Professor Kvaazanjian of Arizona State, Professor Kumar and Puri of the University of Southern Illinois, and many others including Dr. Hari D. Sharma. Among the international high-level dignitaries who spoke of his contributions were from Canada, Australia, Portugal, Europe, and many other places; of course one of the most important was our IIT Roorkee Director Dr. Pradipta Banerji.

All speakers gave tribute to his hard work, dedication, mentorship and true professionalism in dealing with all that he chose to do. He wrote numerous professional books and technical papers; was involved in very successful consulting projects; was a very successful administrator of a large Central Research Organization and is a Yoga Guru and Philosopher on how to live a satisfied human life. His admirers had stories to tell as to how he touched their lives in a positive and holistic way.

To learn about Dr. Prakash hobbies and his foundation's work, please visit <http://yoga10.org/>



Dr. Kanti Prasad, BE (E&C) 1961
Professor Electrical and Computer Engineering Dept.
Founding Director Microelectronics/VLSI Technology
University of Massachusetts Lowell, MA, USA

Dr. Prasad will be awarded Fellow ASEE (American Society For Engineering Education) on 26th of June 2013 in Atlanta at the National/International Conference of the ASEE. He was nominated by the Fellow members of the ASEE based on excellence on teaching, research and the service to the ASEE.

Dr. Prasad developed 7 new graduate courses in Electrical and Computer Engineering Department incorporating VLSI, MEMS, MIMIC Design and Fabrication, Local Area/Computer Networking and ITS Technologies. He established VLSI Design and Fabrication (Distributed Semiconductor Instructional Processing Laboratory) laboratories, whose Silver Jubilee was celebrated on 27th November 2012. These state of the art labs have resulted in procuring several million dollars from the Hi-tech industry of the region and producing 10 Ph.Ds and 30 M.S. Degrees.

For the past 20 years, Dr. Prasad has served as Campus Representative ASEE community on behalf of Francis College of Engineering at University of Massachusetts, Lowell. During this period, he has been awarded Best Regional Campus Representative for 7 times in the Zone I and twice won the Best National Campus Award. He has been making presentations at ASEE Regional and National conferences and his paper has been chosen to be the Best Paper of the Zone I. Based on these accomplishments, the ASEE Board is awarding this Honor, which is accorded, only to 2% of the faculty members of the ASEE in the USA and Canada.



Mohinder L. Nayyar, P.E., BE (Mechanical) 1966

Received ASME medal in 2012

“for extraordinary leadership and professionalism in consensus building and work force training in support of the development of ASME codes and standards for pressure equipment, and for promoting their acceptance by regulatory agencies worldwide”

Mohinder L. Nayyar was honored with THE MELVIN R. GREEN CODES AND STANDARDS MEDAL at the Honors Assembly, 2012 International Mechanical Engineering Congress and Exposition at Houston. This is the highest honor conferred by the American Society of Mechanical Engineers (ASME) for outstanding contributions to the development, promulgation or management of documents, objects or devices used in ASME programs of technical codification, standardization and conformity assessment; or the acceptance of ASME codes and standards within the United States or internationally. Mr. Nayyar is an ASME Life Fellow since 1998.

Mr. Nayyar has and continues to serve as Chairman of several national and international committees on codes and standards, member of ASME Council on Standards and Certification, Vice Chair of ASME Board on Pressure Technology Codes and Standards, member of ASME Board on Nuclear Codes and Standards. He has taken initiatives to develop new standards, new committees, and served as inaugural chair of several committees. His pioneering vision of establishing in-country International Working Groups (IWG) (five in India) has been replicated to establish IWGs in Korea and China for promoting the globalization of ASME codes and standards, which are used in over 100 countries.

Mr. Nayyar is globally recognized specialist in the areas of piping, valves, materials, and codes and standards. Nayyar has published articles in *Valve Magazine*; authored an article titled *Pipeline* for the 7th edition of the *Encyclopedia of Science and Technology* (McGraw-Hill, 1992); is author/editor-in-chief of the *Piping Handbook* (6th and 7th editions; McGraw-Hill, 1992 and 1999); and authored *Piping Databook* (McGraw-Hill, 2002). Mr. Nayyar is a poet and has published three collections of his shayari- Ghatayen, Ehsas, and Mahak.



A Message from IITRHF 2011 BUSINESS PLAN Participant



Nimish Gopal
B.Tech, Biotechnology 2012

I am writing this short article for those talented Alumni/Students of IIT Roorkee out there who can change the general ecosystem of our Alma Mater, and to inspire them all for taking up challenges with their great ideas & intellect in creating an entrepreneurial environment at IITR in the days to come.

My aspirations and ambitions got changed when I stumbled upon an opportunity hanging on my Bhawan's notice board that read: "IITR Heritage Foundation is organizing a B-Plan competition". My quest to do something unique started and soon I was discussing ideas with a senior colleague and PhD student Mr. Shivendra Singh. We worked together on an idea of Tissue Sealants "Aquaclot" and wrote a business plan that was adjudged among the top 3 by IITRHF B-plan competition. Their committee helped us polish the plan, mentor us on practical business aspects and guided us. It not only gave me confidence but soon our team was also selected for India's Only Biotech B-Plan Competition conducted by ABLE India and my real entrepreneurial journey started.

If any former B-Plan participant of IITRHF has a success story to share, please email to admin@iitr-heritagefund.org and we will be glad to share it with our patrons.

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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 time or 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

[Click Here to Donate Now](#)

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>