

# Post Conduction Report- Techkriti'14

Techkriti 2014 was organized from 6th to 9th March, 2014 and it was a great success. For the first time, National Aeromodelling Festival was organized in IIT Kanpur. IDEAS and iARC saw Bangladesh as the winning team. Miss World Lioner Abargil was present during Techkriti on the occasion of International Women's Day.

## PARTICIPATION STATISTICS

No. of online registrations	28547
No. of participants selected for the finals	1351

**TOTAL NUMBER OF COMPETITIONS: 59**

**Number of Online Events: 9**

**Number of On-Spot Competitions: 9**

**Number of International Competitions: 7**

**Number of competitions for which participants were accommodated: 46**

## JUDGES

Rakesh Mishra	IIT Mentors
Guhesh Ramanatham	Co-founder and CEO, Excubator
Gaurav Taneja	World Cube Association's Delegate
Gayatri Nair Lobo	COO, Teach For India
Bharat Dogra	Social Activist

## Festival Coordinators

Akshat Goel +91 9198705530 C-217/1, IIT Kanpur akshat@techkriti.org  
 Ibrahim Faruqi +91 7275775086 A-101/1, IIT Kanpur ibrahim@techkriti.org

**6<sup>th</sup>-9<sup>th</sup>  
March**

Karanveer Singh	Accidental Entrepreneur & Investor, Startup Leadership Fellow, Pune
Hemant K. Verma	Delegate, Aeromodellers Association of India
Laxman Suthar	Delegate, Aeromodellers Association of India
Gaurav Agarwal	Aeromodeling Expert, Multicopters
C B Devgun	President, Space India
S Datta	Curator, Birla Planetarium, Kolkata

## MAJOR COMPETITIONS

- 1) BEIF – Sky Sparks
- 2) IDEAS
- 3) Innovations in Manufacturing Practices
- 4) iARC
- 5) IOPC
- 6) Wild Soccer
- 7) SocCon
- 8) Techkriti Grand Prix
- 9) Multi Rover
- 10) IORC
- 11) Endeavour - Strive
- 12) IHPC
- 13) Eureka
- 14) Cruise Control
- 15) Robo Pirates
- 16) Concatenate
- 17) EI Eduvate
- 18) FPGA
- 19) Embedded
- 20) Electromania
- 21) Hoverush
- 22) Endeavour – Softkriti
- 23) 28 States
- 24) Battlefield
- 25) Tremor
- 26) Cosmos
- 27) Stocksim
- 28) Richie Rich

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- 29) Scientoon  
30) Crypto

## MAJOR HIGHLIGHTS

- For the first time in the history of IIT Kanpur, a **National Aeromodelling Festival** was conducted which comprised of a workshop held in December as well as the Sky Sparks competition, which was conducted at greater heights this year.
- In Indian Open Rubik's Cube 2014 (IORC'14), there were 2 **National Records** broken
  - National Record in 3x3 FMC(Fewest Moves Challenge) Single was tied by Pranav Maneriker(IITK) by solving the cube in 29 moves.
  - National Record in 4x4 Single was broken by Akash Rupela(IITD) by solving the 4x4 Rubik's cube in 37.48 seconds.
- Apart from that, IORC also witnessed **National Rank 2** in
  - 3x3MultiBLD (Multiple Blindfold) by Akash Rupela (7 cubes blindfolded in 48mins, 50secs),
  - 3x3 Average by Akash Rupela with an average time of 10.31 seconds and in
  - Square-1 Average by Ayush Kumar (Institute of Technology and Management, Gurgaon) with an average time of 25.54 seconds.
- Innovations in Manufacturing Practices was organized for the first time by IIT Kanpur in association with Indian National Academy of Engineering(INAE) which encouraged students to build a hardware model for any innovative manufacturing technique.
- The grand prize of Business Venture Track of IDEAS was won by an international team from Bangladesh which has engineered a health drink proven and tested to reduce blood glucose level, which is tested by World Health Organization and International Diabetes Foundation.
- International Online Programming Contest (IOPC) 2014 witnessed a whopping number of 1075 registered teams in the contest, and more than 5500 submissions. This year, it got 'super awesome' worldwide participation this time, including grand masters like tourist, anton, uwi, scli, mikhailOK etc
- Events like Bridge Design Challenge, Multi Rover, Richie Rich, Marketing Villa, Innovations in Manufacturing Processes and Quest for The rest were successfully and smoothly conducted for the first time in Techkriti.
- iARC saw participation from countries like Bangladesh, Pakistan, Nepal, UAE.

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## SOCIAL INITIATIVES

- Collection Drive for Uttarakhand Disaster Relief Camp
- Claus for a Cause
- Blog for a Cause
- Raktarpan
- Urja – A skill enhancement workshop of Moonj Craft for rural women
- Pratibimb

**Uttarakhand Relief Camp:** This campaign was organized during August'13 to help the affected person in Uttarakhand. Techkriti collected more than 34 cartons weighing 464 kgs.

**Raktarpan:** A nation-wide blood donation camp is being organized with Blood Connect and Raktarpan. The blood camp at IIT Kanpur was conducted on 25<sup>th</sup> January during which blood was collected from 189 students.

**Claus for a Cause:** The social initiatives Team of Techkriti went to an orphanage on 25<sup>th</sup> December, 2013. A campaign in which we will ask each inmate of an orphanage to 'Make A Wish' and would give our best to fulfil those wishes via donations from benevolent public. We believe the dreams and wishes are what drive a child to endeavor to aim high and bloom into a responsible and contributing citizen.

**Women Empowerment:** Techkriti is conducting a women empowerment campaign. A skill enhancement workshop, URJA was organized from 17<sup>th</sup> January-24<sup>th</sup> January, 2014 in which 50 women visited IITK Campus and were taught to make products from Bamboo. Also, we are celebrating 8<sup>th</sup> March as International Women's Day on a huge scale. Miss World 1998, Linor Abargil was present in campus to screen her documentary "BRAVE MISS WORLD". A panel discussion was also being organized.

### Talks:

- Dr. Walter Lewin, Astrophysicist & MIT professor
- Dr. Alvin E. Roth, (Lecture via Video Conference) Nobel Laureate in Economics, 2012
- Mr. Jordan Soles, Director of Technology- Rodeo FX
- Mr. Ajai Chowdhary, Founder- HCL Technologies
- Mr. P. Sainath, Chief Rural Editor- The Hindu & Magsaysay Awardee
- Dr. D. J. Griffiths, Professor- Reed University

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- Dr. Brij Kothari, Inventor- SLS & professor- IIM Ahmadabad

## Exhibitions:

- Virtual Archery- Japan, Masasuke Yasumoto (Professor- Univ. of Tokyo)
- Mogeos- UK, Bruno Zamborlin
- The Decelerator Helmet- Germany, Lorenz Potthast
- Marine Bots- US,
- E-velolink- ETH Zurich, Stefen Rustler; Yawhei; Martha Bird
- FSAE car, IIT Kanpur
- Mumbai Augmented Reality

## Shows:

- Day 1: Parikrama
- Day 2: Intl' Light Painters (Prague) & Roy Zaltsman (Israel)
- Day 3: Murray Molloy (Ireland) & Andy McKee (US)
- Day 4: KK
- Street Shows: Tracy Lee Stum (3D Street Painter, US) & Murray Molloy

## International Women's Day

- **Panel Discussion Panellists:**
  - Ms. Meenakshi Lekhi, Lawyer- Supreme Court of India
  - Ms. Pallavi Sharda, Bollywood Actress
  - Ms. Gayatri Lobo, COO- Teach For India
  - Dr. Suchitra Mathur, Professor- IIT Kanpur
  - Ms. Alka Lamba, Chairperson- GO India Foundation
  - Ms. Naomi Datta, Journalist & Moderator
  - Prameela Vadrevu, Women Scientist- DRDL
- **Brave Miss World: Ms. Linor Abargil, Miss World- 1998 (Israel)**
  - Documentary Screening
  - Interaction Session

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