

# Post conduction Report

## Techkriti'13

The annual technical and entrepreneurial festival of  
IIT Kanpur



**14<sup>th</sup>-17<sup>th</sup>  
March**

### Festival Coordinators:

Aayush Gupta	Ph +91 9005904054	B-119, Hall1, IIT Kanpur	email:aayush@techkriti.org
Saurabh Chokhra	Ph +91 9532094816	B-119, Hall1, IIT Kanpur	email:saurabh@techkriti.org

Techkriti 2013 was organized from 14th to 17th March, 2013 and it was a huge success. For the first time in the history of IIT Kanpur we had some international teams visiting the campus and participating in the events. With a cash prize of about INR 18 lacs and a huge number of goodies, the competitions were fiercely competed by teams from all over the India.

## Competitions Report

### Participation statistics

No of registrations	20740
Number of participants selected for finals (who came to IITK)	1475

### No. of Competitions - 57

- Number of online competitions – 14
- Number of On the Spot competitions - 10
- Number of competitions for which participants were accommodated – 33
- Number of International competitions - 6

### JUDGES

Akanksha Hazari	Founder & CEO, m.Paani
Anil Joshi	President at Mumbai Angels
Chandani Sehgal	Founder Dessence Consulting,Business Advisor, Mentor,Start-up Facilitator, Ideator
Neeraj Gupta	director and ceo of formulatellP
Rakesh Mishra	global co-chair IIT Mentor's
Prajkat Raut	Co-founder - The Hatch for Startups and Angel Investors Consortium
Gaurav Taneja	WCA delegate
Praveen Tripathi	Chief Executive, Magic9 Media & Consumer Knowledge Pvt Ltd,IITK Alumnus
Varun Santosh	Directore Swaniti Governance labs
Ashish Gupta	IPS Officer IITK Allumni
Aseem Trivedi	founder , Save Your Voice
Alok Dixit	journalist and social activist
Dr. Arvind C Ranade	Scientist, vigyan prasar

14<sup>th</sup>-17<sup>th</sup>  
March

#### Festival Coordinators:

Aayush Gupta Ph +91 9005904054 B-119, Hall1, IIT Kanpur email:aayush@techkriti.org  
Saurabh Chokhra Ph +91 9532094816 B-119, Hall1, IIT Kanpur email:saurabh@techkriti.org

## Major Competitions:

- 1) Robogames
- 2) ECDC
- 3) Software Corner
- 4) Take off
- 5) Soccon
- 6) Endeavour
- 7) Eureka
- 8) IDEAS
- 9) Cosmos
- 10) IORC
- 11) 28 States
- 12) Battlefield
- 13) The corporate Vendetta
- 14) Techkriti Grand Prix
- 15) Gearloose
- 16) Concatenate
- 17) Tremor
- 18) IHPC
- 19) Crypto
- 20) IOPC

**14<sup>th</sup>-17<sup>th</sup>  
March**

### Festival Coordinators:

Aayush Gupta      Ph +91 9005904054      B-119, Hall1, IIT Kanpur      email:aayush@techkriti.org  
Saurabh Chokhra      Ph +91 9532094816      B-119, Hall1, IIT Kanpur      email:saurabh@techkriti.org

## Major Highlights:

- 1) International teams from Japan, Pakistan, Nepal, Bangladesh and UAE participated in the GRC competition.
- 2) First ever High Performance Computing event was conducted in collaboration with CDAC
- 3) First Ever Inter IIT Tech meet, Jugaad was conducted in association with the SnT council
- 4) The Corporate Vendetta conducted in various cities of India.
- 5) Battlecity and IOPC received very good international participation.
- 6) **Techkriti Grand Prix** – RC Car Racing Event was conducted for the first time
- 7) FunT was completely free for all the participants and IIT K students.

Number of Internships provided - 32

## Initiatives

- **Prakriti** – Plantation Drive and Blood Donation Camp.
- Competitions like **In Deep Water** and **When Women Were** to address the social and environmental issues of society.
- **Internships** provided to the participants in the form of a competition.
- **28 States** – Discussion about the problems of different states were discussed and a panel discussion was organized with the Dr. Dheeraj Sanghi and the other judges of the event.

14<sup>th</sup>-17<sup>th</sup>  
**March**

### Festival Coordinators:

Aayush Gupta      Ph +91 9005904054      B-119, Hall1, IIT Kanpur      email:aayush@techkriti.org  
Saurabh Chokhra      Ph +91 9532094816      B-119, Hall1, IIT Kanpur      email:saurabh@techkriti.org



## Guinness World Record attempt

Techkriti team in association with the golden jubilee team organized a Guinness Book of World Record attempt and in which we managed to get to the final count of solving 1884 rubics cube in one hour far more than the previous record of 1451. Official reply from guinness team is yet to be received.

## Techkriti Game:

The street view game for IIT K Campus was made showing our marvelous institute in its full beauty.

## Exhibitions:

Soccket: An invention that not just gets kids to exercise and burn off their excess energy but even saves this energy to power your household

Universal Gripper from Cornell university

3d exhibition from ETH Zurich

Aracna: four legged spider shaped robot from Cornell

Mind Controlled Helicopter

Nao humanoid

AR-Pool

**14<sup>th</sup>-17<sup>th</sup>  
March**

## Festival Coordinators:

Aayush Gupta    Ph +91 9005904054    B-119, Hall1, IIT Kanpur    email:aayush@techkriti.org  
Saurabh Chokhra    Ph +91 9532094816    B-119, Hall1, IIT Kanpur    email:saurabh@techkriti.org

3d futuristic world from ETH Zurich

Darwin Humanoid

Shows

Papa Cj

Tanya Mukesh acrobatics

Laser Show

Sukhvinder Singh Concert

Trace Bundy

3d Projection Mapping.

Talks

Dr. R Chidambaram

Mr Chidambaram was the chief guest of Techkriti this year. He is an Indian nuclear scientist and metallurgist, currently serving as the principal scientific adviser to the federal Government of India.

Mr. Michael J Foreman

An American astronaut with 500 hours of time in space under his belt

Mr. Marshall Strabala

Chief architect of Shanghai towers and architect of Burj Khalifa

Mr. Jeff Lieberman

He is the host of 'Time Warp' on the Discovery Channel, a show where technology is used to see beyond the limits of our normal human perception. Having finished four degrees at MIT (BS: Physics, Math, MS: Mech. Engineering, Media Arts and Sciences), he is exploring the applications of technology to evolving and shifting human consciousness.

**14<sup>th</sup>-17<sup>th</sup>  
March**

Dr. Robert J Aumann

He received the Nobel Memorial Prize in Economics in 2005 for his work on conflict and cooperation through game-theory analysis. He shared the prize with Thomas Schelling.

Dr. Boaz Almog:

Boaz Almog demonstrated how a superconducting disk can be trapped in a surrounding magnetic field to levitate above it, a phenomenon called "quantum levitation." This demonstration, seemingly taken from a sci-fi movie, is the result of many years of R&D on high-quality superconductors. By using exceptional superconductors cooled in liquid nitrogen, Almog and his colleague Mishaël Azoulay at the superconductivity group at Tel Aviv University (lead by Prof. Guy Deutscher) were able to demonstrate a quantum effect that, although well known to physicists worldwide, had never been seen and demonstrated in such a compelling way

Mr. Mahesh Murthy

Brand management guy, venture capitalist, traveller, speaker on the digital future, marketing and occasionally, a columnist

Dr. John C Mather

John Cromwell Mather is an American astrophysicist, cosmologist and Nobel Prize in Physics laureate for his work on the Cosmic Background Explorer Satellite (COBE) with George Smoot. COBE was the first experiment to measure "the black body form and anisotropy of the cosmic microwave background radiation."

24<sup>th</sup> - 17<sup>th</sup>  
**March**

**Festival Coordinators:**

Aayush Gupta Ph +91 9005904054 B-119, Hall1, IIT Kanpur email:aayush@techkriti.org  
Saurabh Chokhra Ph +91 9532094816 B-119, Hall1, IIT Kanpur email:saurabh@techkriti.org

Dr. Anil Rajvanshi:

An IIT Kanpur alumnus and the director of Nimbhkar Agricultural Insitute.

Mr. Bindeshwar Pathak:

Founder of Sulabh International, promoting human rights, non-conventional energy and social reforms through education.

Uddhab Bharali:

A NASA Exceptional Technology Achievement Medal recipient with 39 universal patents to his name, having innovated 98 engineering devices.



**14<sup>th</sup>-17<sup>th</sup>  
March**

**Festival Coordinators:**

Aayush Gupta	Ph +91 9005904054	B-119, Hall1, IIT Kanpur	email:aayush@techkriti.org
Saurabh Chokhra	Ph +91 9532094816	B-119, Hall1, IIT Kanpur	email:saurabh@techkriti.org