



**INFOXPRESSION 2016**

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InfoXpression is the Annual Technical Festival of Guru Gobind Singh Indraprastha University organized by University School of Information and Communication Technology in association with Entrepreneurship Cell of USICT, IEEE USICT Student Branch, IETE USICT Student Forum, and Techspace USICT.

InfoXpression focuses on the goals of technology and innovation and gives you a golden opportunity to showcase your ideas and technical skills. The fest would be a 'Month-long affair' with a '3 days finale' and would comprise of technical competitions in the fields of Electronics, Programming, Robotics, Quad-copter, along with Entrepreneurial Events, mini-conferences, Research Paper Presentations, Non-technical competitions (quizzes, debates and many more), online events and guest lectures by luminaries from diverse fields of technology. With many students slated to organize and participate in various competitions, InfoXpression would be the perfect mix of creativity, imagination and skills with the aim of inculcating a sense of technical awareness among keen and enthusiastic students and people alike.

**CELEBRATING THE SENSE OF BELONGINGNESS**



## **InfoX Championship**

### **Title Cup**

Best Participating Team, from a college, with highest total score tally

### **Category Cup**

Best Participating Team with highest score tally in a single category of events

# ABOUT US

UNIVERSITY SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY is a premier school of Guru Gobind Singh Indraprastha University. It is one among the 15 schools located in Dwarka Campus, which is spread over a huge area of 60 acres. USICT is the preferred engineering institute of the top IPU-CET rankers, offering Bachelor and Master courses in CSE, ECE, IT and various specialisations in them. The main focus of the university is to provide education with emphasis on creating an environment for knowledge creation and learning, innovation and empowerment of scholars to contribute to the welfare of the society.



GURU  
GOBIND  
SINGH  
INDRAPIRASTHA  
UNIVERSITY



Since 1998, the year from which the university has been functional, it has garnered some notable recognitions:

- ▶ UGC's recognition under section 2(f) and 12(b).
- ▶ ISO 9001: 2000 in 2008, later upgraded to ISO 9001: 2008 in 2009; and recertified in February, 2011 up to February, 2014.
- ▶ Recipient of an International Award - 'Platinum Technology Award for Quality and Best Trade Name' by OMAC – Association OtherWays Management & Consulting, Paris, France in 2010 in Geneva, Switzerland.



# Code Sprints



Learn to code and develop projects in a new language through these intensive hands-on sprint sessions.

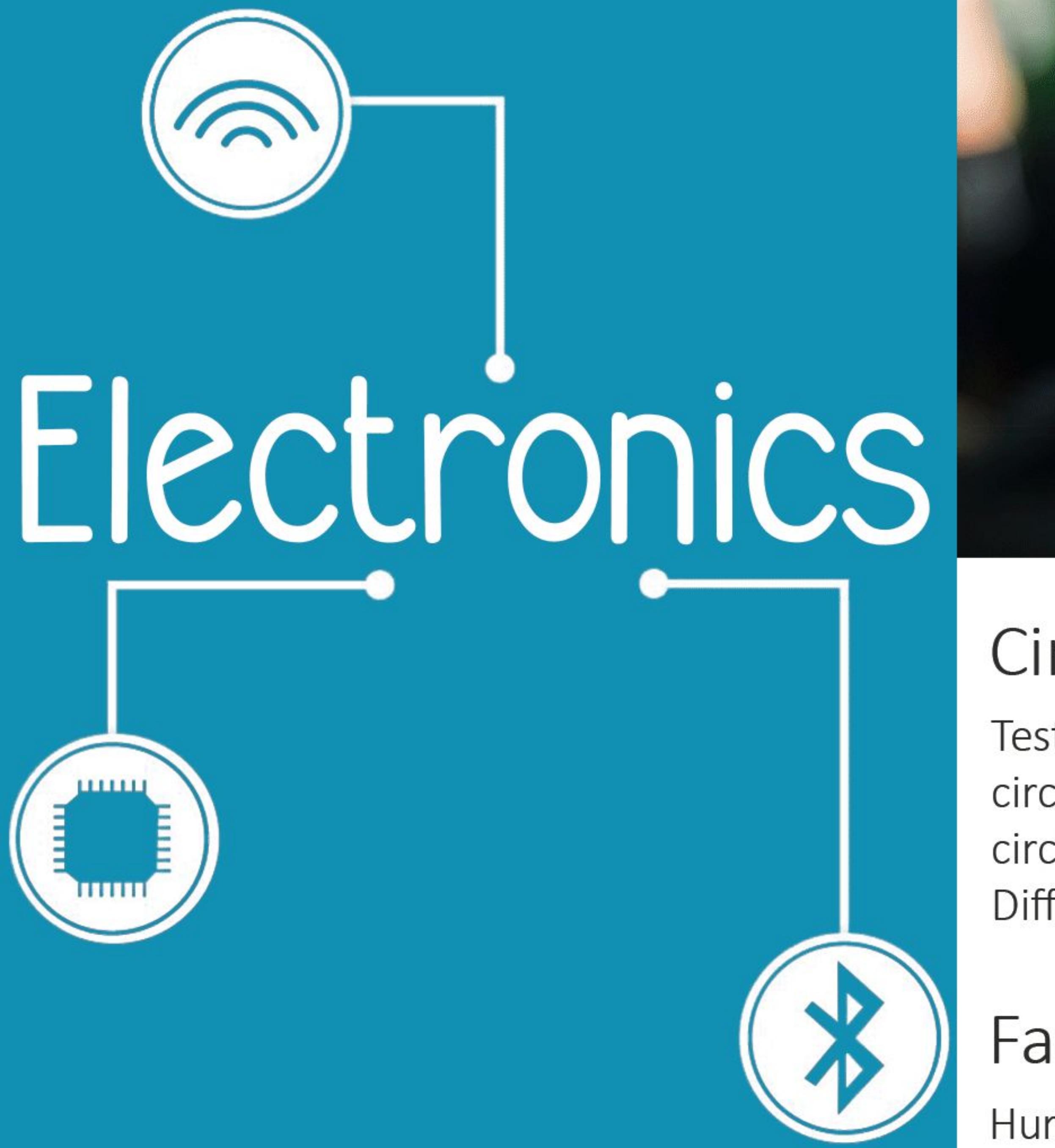


## Sessions in line



Everyone should know how to program a computer, because it teaches you how to think.

- Steve Jobs



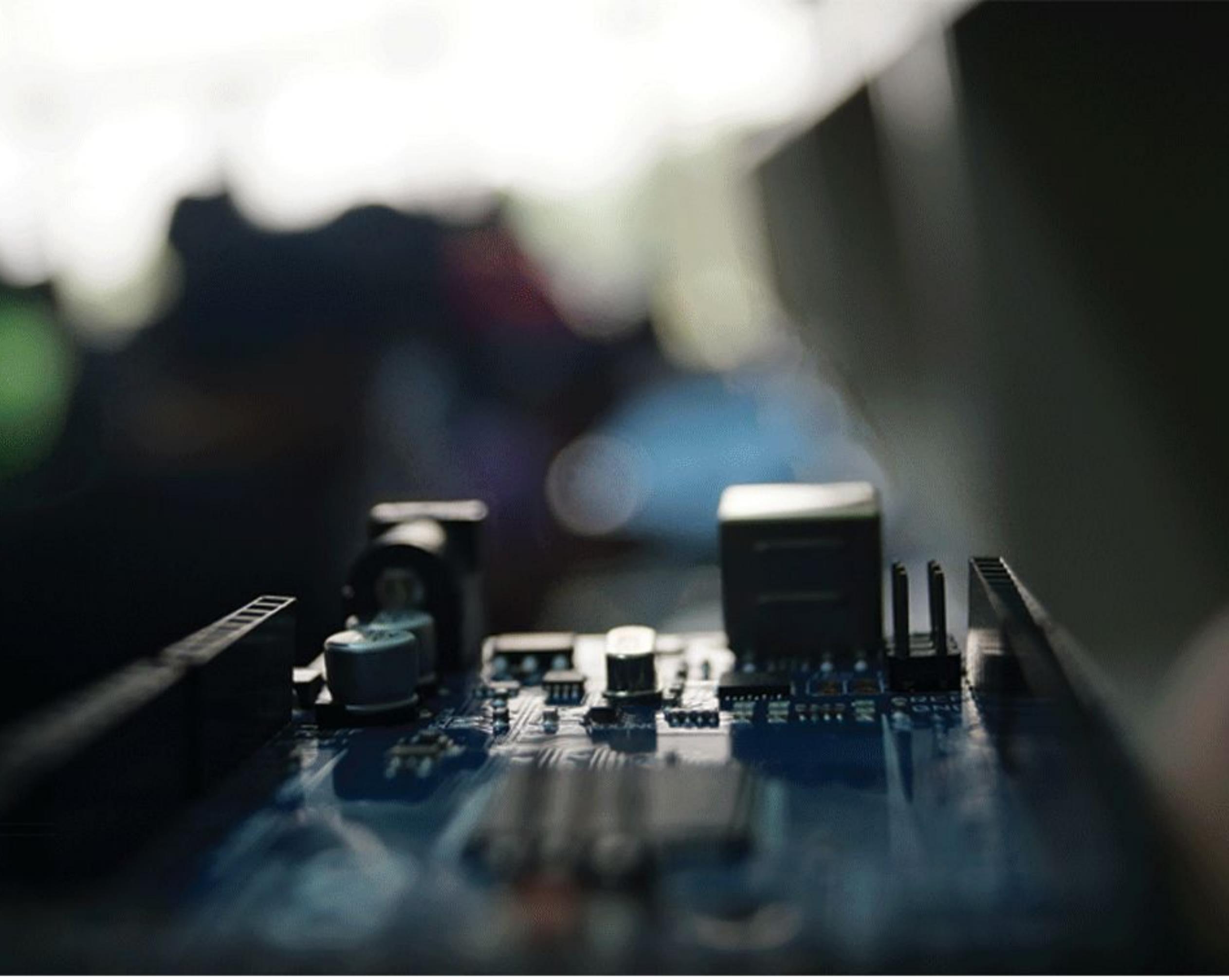
# Electronics

## Circuitrix

Test of application based knowledge of various electronic circuits designs from basic logical circuits to hardcore electrical circuits; their rectification and building of the correct circuit. Different levels, including both hardware and software aspects.

## Fast & Furious

Hurdle race of Robots. Minimum traverse time- winning aspect. Penalty for skipping hurdle or touching boundary.

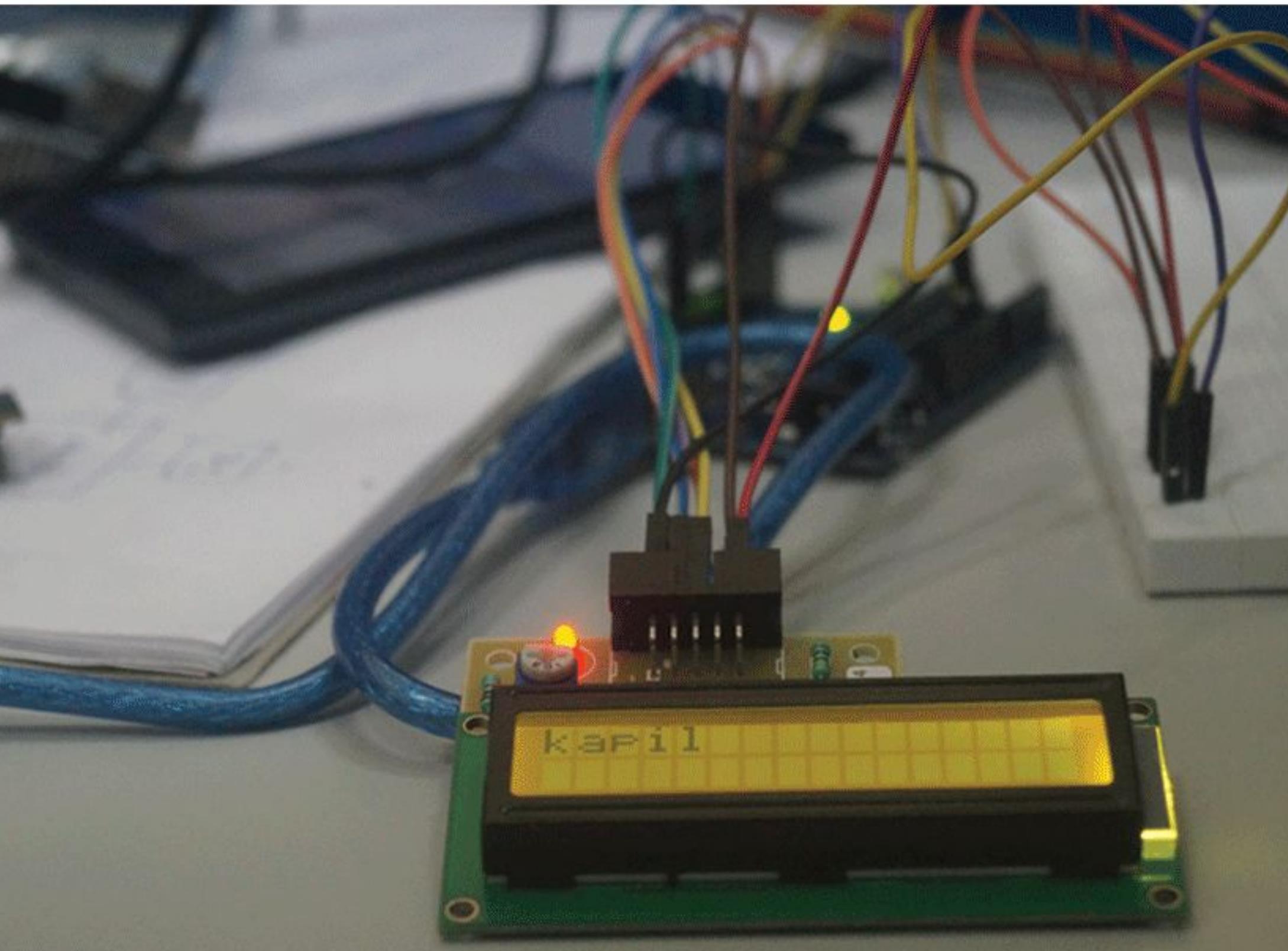


## Mind the Line

Follow the path to success by designing an efficient line following robot. The event comprises of a track laid in black strip on white sheet, having a starting and finishing line with some intermediate checkpoints.

## Robo Hustle

Ever watched Real Steel? Now, experience a miniature version of the robot fighting entertainment. Metal smashing metal. Steel smashing steel!



## Quadcopter View

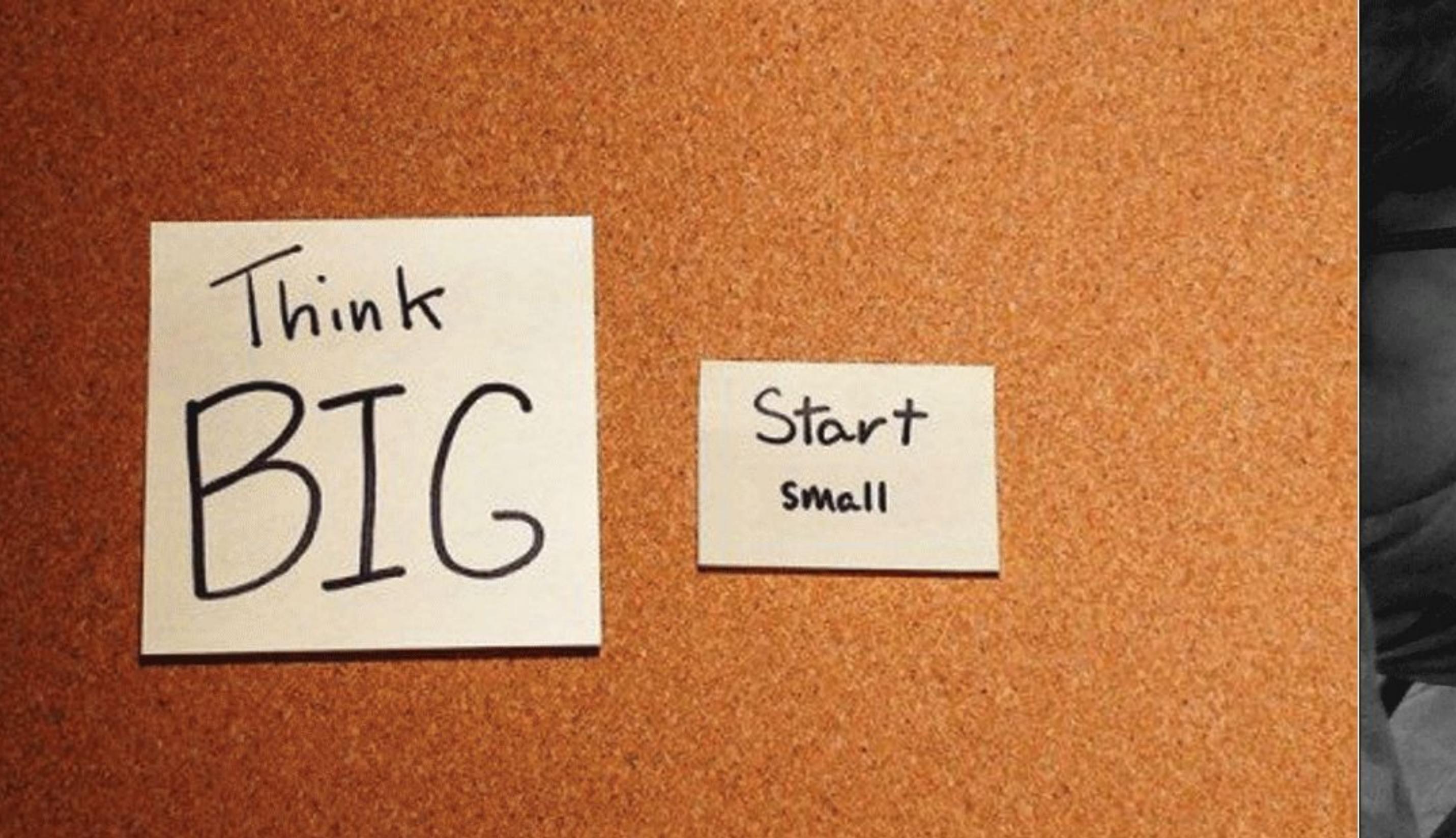
Our Signature event. Teams must bring a pre-built drone and demo it by flying upto 4 stories of height without breaking a sweat.



Logic will take you from A to B,  
imagination will take you  
everywhere.

- Albert Einstein

# Entrepreneurial



Rare gem of an Opportunity.  
Extensive pitching. VCs. Angels.  
Dreams. Disappointments.  
The event for nationwide  
startups to be at!



## Samadhan

Have an idea to improve or bring change to your college / university campus. We give you the platform to pitch it. Get Lucky, Get funded.

## Greenovation

Come up with great and green ideas, to make this world a better place. Sustainable development. Eco-friendly. Put your thinking caps on and get brainstorming.

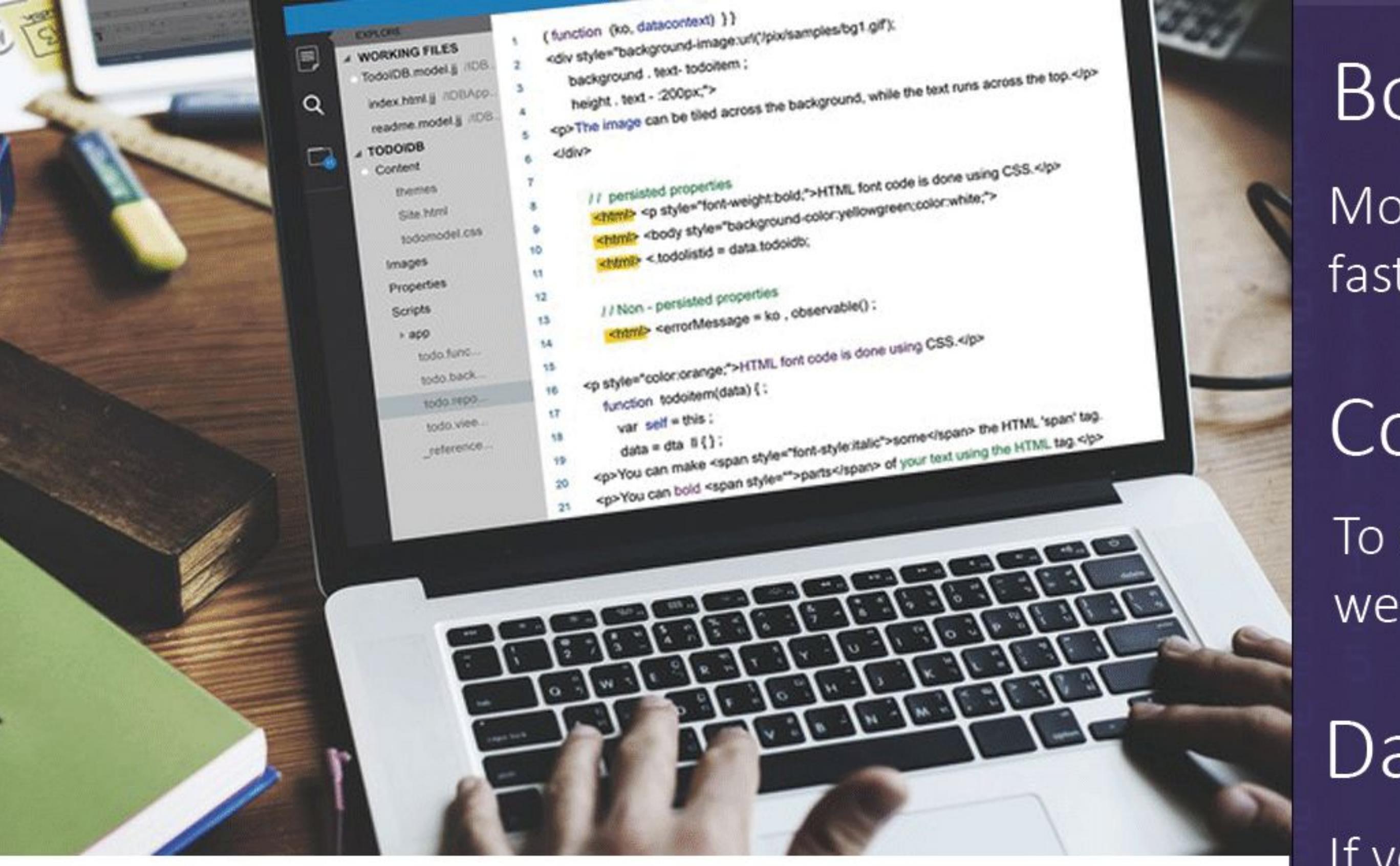
Don't worry about failure,  
you only have to be  
right once.

- Drew Houston

# Programming



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## Algoholics

All the problem-solvers out there, get ready. In this competition, teams will write effective and convincing algorithms to a given problem.

## Back Gear

Programmers, brace yourselves. In this competition, participants Reverse engineer a given output that is develop a source code which would generate the desirable output.

## Blind Coding

All the computer lovers, show'em your bond with the PC and code without having a peek at the keyboard.

## BootstrApp

Mobile app gives us great power. A perfect app- creative, fast and useful- our parameters for the best one!

## Codester

To challenge your very basic understanding of OOPS, we bring to you this code jam.

## Data Crunchers

If you find your niche in Database management sphere, we are providing you with a chance to grab this opportunity. Put on your thinking caps!

## Java JIG

The most robust programming language,. We test your proficiency in this language. It will test how well you know the nuances of JAVA.

## Linux Command Ninja

Linux was a work of genius. Show the world how well you know the linux command line and how can you contribute to this dynamic technology.

## Web Bee

The network that connects us all, the web, it couldn't have been what it is today without outstanding web developers. The task, an interactive web page, with a number of details, is to be designed. CSS, JS, Python!



You might not think that programmers are artists, but programming is an extremely creative profession. It's Logic-Based Creativity.

- John Romero

# non-Tech



## Clash on LAN

Adrenaline rush, test of senses. LAN gaming in teams. FPS, racing, whatnots. Enter virtual reality world, prove your mettle!

## Crusade- Treasure Hunt

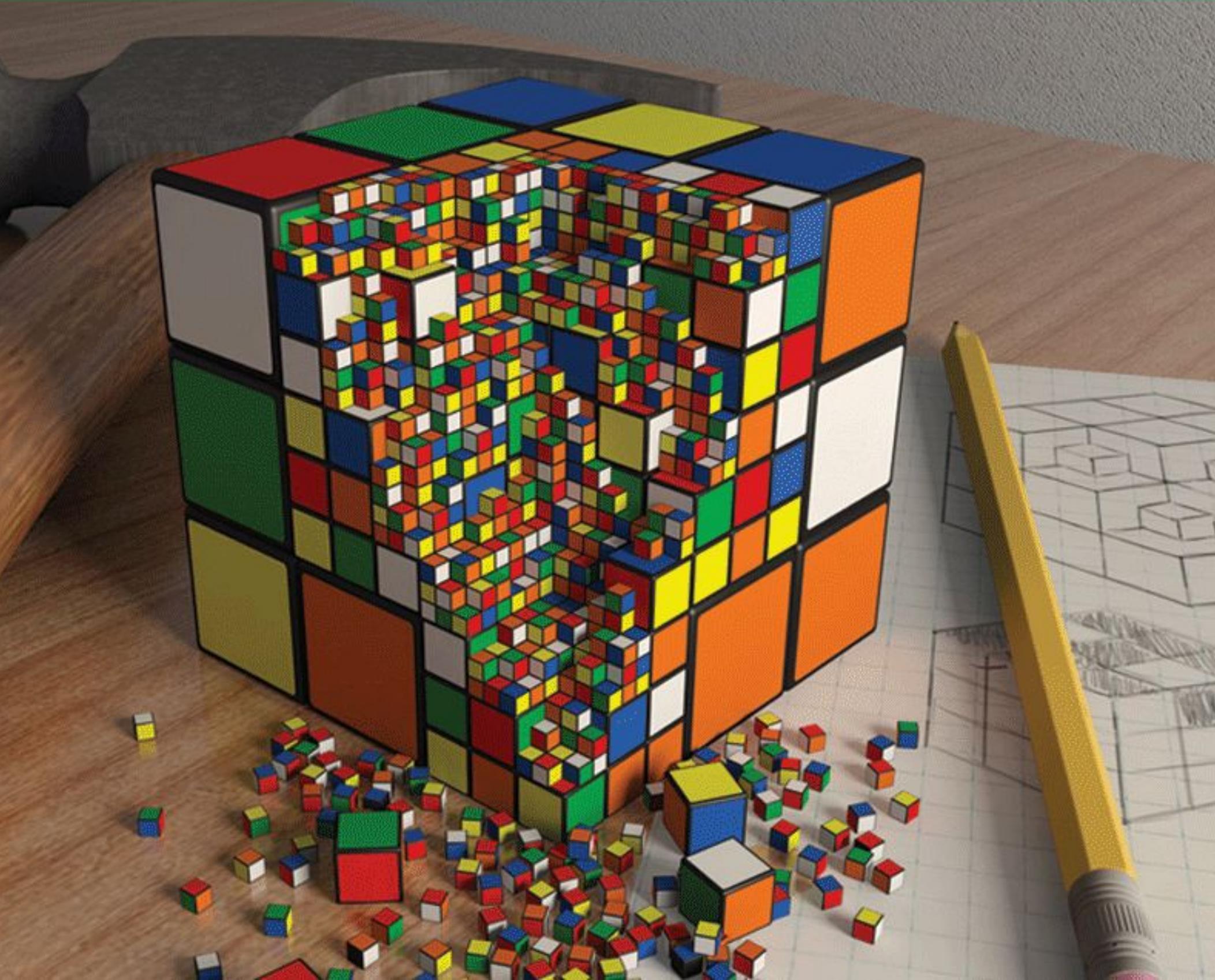
Fun like never before. Apply your brain in every technical aspect and hunt for the treasure.

## Geek Wars

Arguments are naturally constructive. Lead to open mind. We bring a debate ordeal like nowhere else. Get ready for some technical Debates!

## Rubix Cube

We are searching for a genius among geniuses. So come solve The Cube quicker than any other. Beat both, the puzzle and the solution.



## Know It All

Knowledge increases when shared. Share and increase through this explicit Quiz. Topics from various fields. Become Mr. or Ms. 'Know It All'.

## Technical Quiz

Prove your technical knowledge. Compete in teams to become the best and brightest.

Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid.

- Albert Einstein

# Live



Online events for the creative genuises. Chance to boast exceptional talent.



## AlmighTee

Find the creative genius within you here at InfoX. Platform for graphic designers to display their work before the world, Come up with an innovative, unique and awesome T-shirt design. and share it. Chosen the best by public consensus, the 'official InfoXpression T-shirt'.

## Rooters

An online event that will witness teeming brains get drained as participants tackle innovative challenges while putting their ethical hacking skills to the test. Hackers will come together to solve a social problem through IT solutions to prove their mettle.

## Xcel-Lens

Go creative, and give us a photograph that captures something breath-taking. Show us what you bought that DSLR for and if you awe us enough, you will have achieved Xcel-Lens!



*photo by: Neeharika Sharda, Xcel-Lens 2015 contestant*

You can't use up Creativity,  
The more you use, the more  
you have.

- Maya Angelou

# Varta



*Mini Conferences for the  
networkers, mentors,  
co-founder seekers,  
luminaries, and everyone  
else!*



Py | Lil Conf  
MOZ | Lil Conf  
KDE | Lil Conf  
IETE | Lil Conf  
IEEE | Lil Conf

We are what we repeatedly do.  
Excellence then, is not an act,  
but a habit.

- Aristotle

# Work shops



Sponsor based Workshops  
Organized by sponsor(s). A set of  
Hands-on, seminar-like workshops  
germane to the fest.

This section will be updated soon.

The Beginning is the most  
important part of the work.

- Plato



# CONTACT

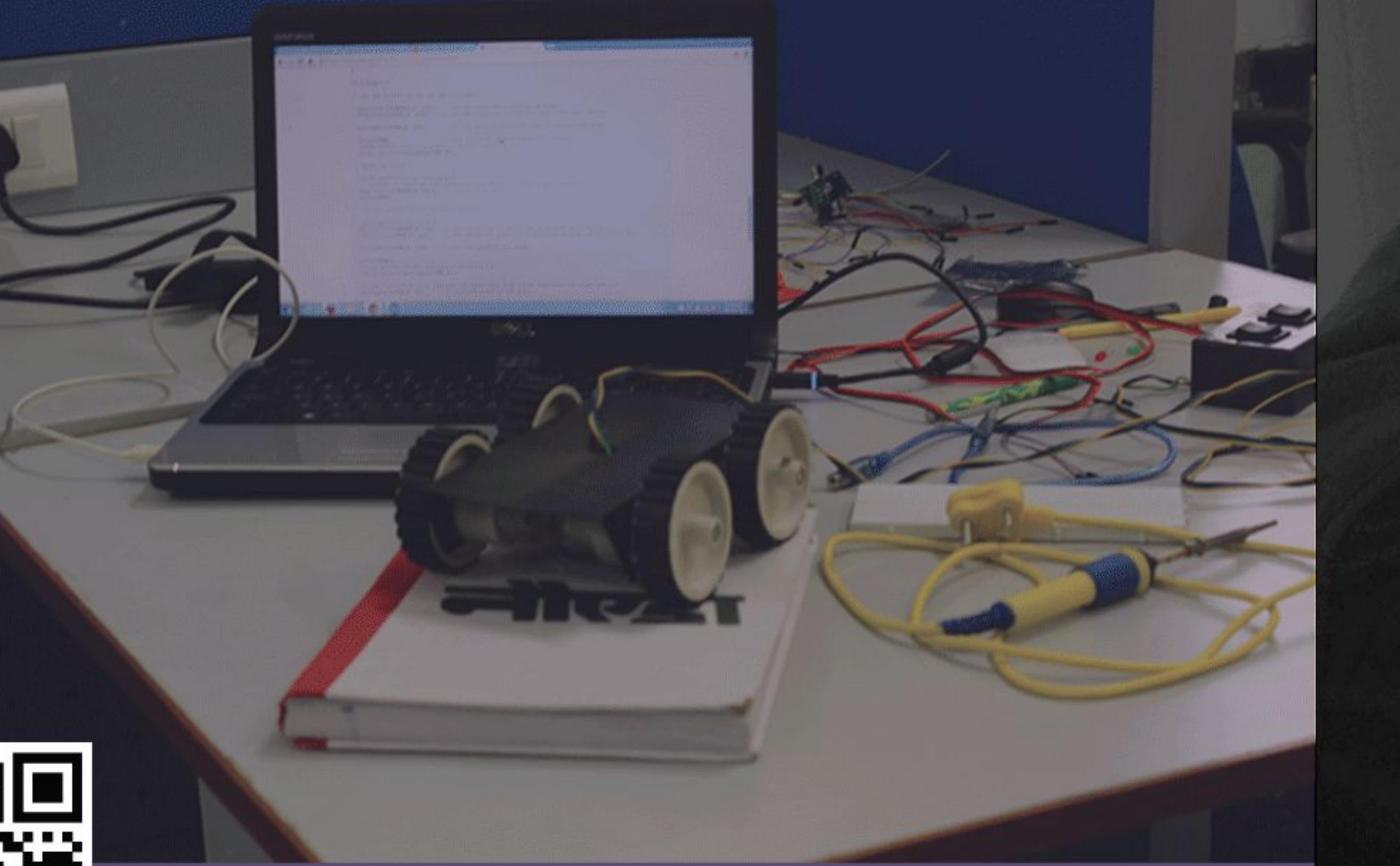
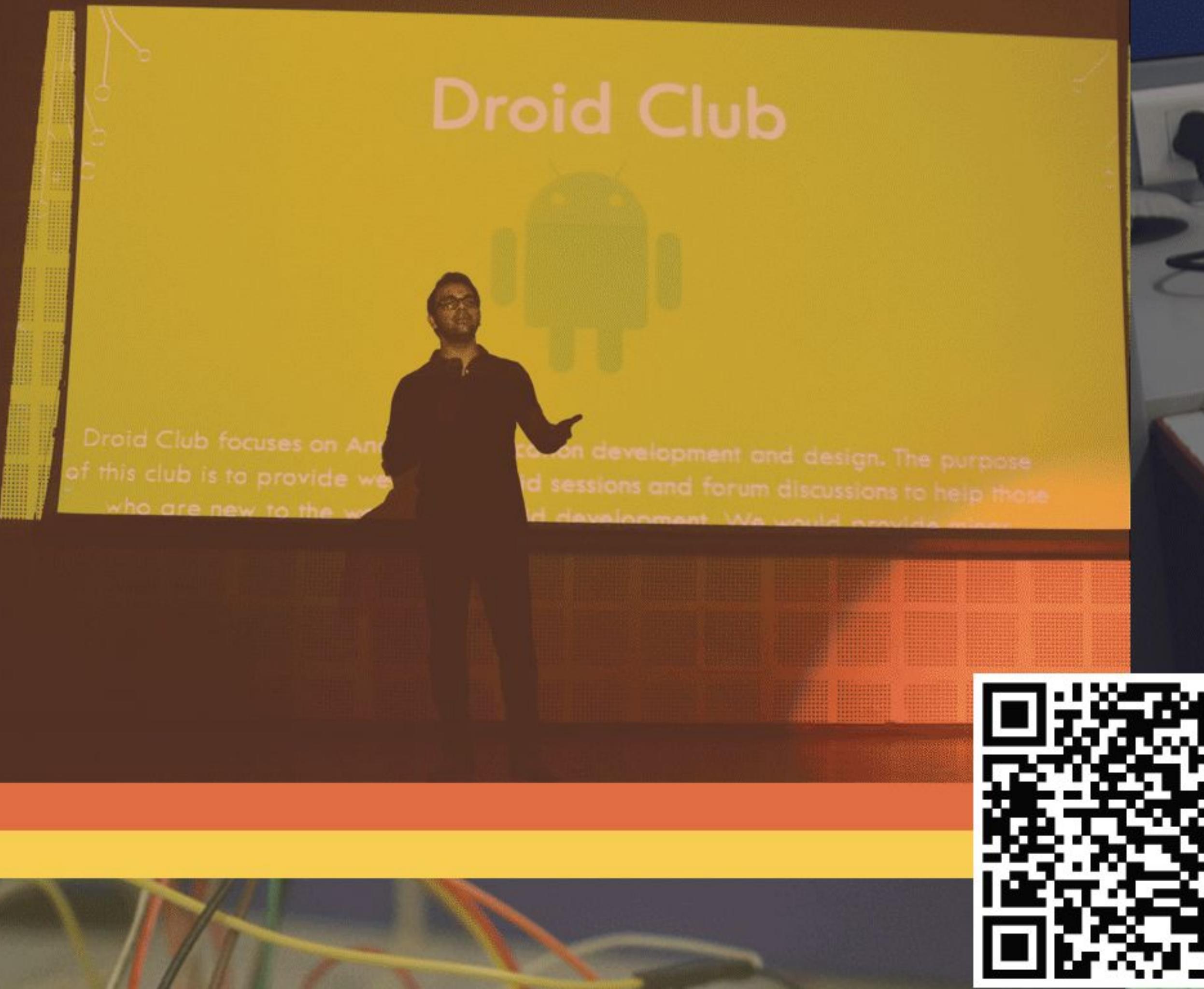
[infox@ipu.ac.in](mailto:infox@ipu.ac.in)  
[ipu.ac.in/infox16](http://ipu.ac.in/infox16)

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