



2016

**RANDOM  
HACKS OF  
KINDNESS**

YEAR IN REVIEW

# 2016

5000+  
MEMBERS

**7**  
YEARS OF  
RHOK

4  
CONTINENTS  
12+  
CITIES

## 4 GLOBAL EVENTS

WATER, DISASTERS,  
GENDER, ACCESSIBILITY  
FINANCE, ENVIRONMENT

TALKS AT  
HOPE, RE:PUBLICA,  
MAKERFAIRES AND MORE



*Hacking for Humanity*

[WWW.RHOKGLOBAL.COM](http://WWW.RHOKGLOBAL.COM)

# COMMUNITY

Random Hacks of Kindness turned 7 this year and now more than ever it is growing to be a structured , sustainable and diverse community.

The global community is now under Geeks Without Bounds. With **Chinmayi S K and Lisha Sterling** being the co-ordinators. It has an active presence is 4 continents ( Africa, Asia , Australia and North America).

RHoK Australia and RHoK India are two major collectives that have formed over the years . They have been actively growing and adding more sites.

## RHoK Australia

RHoK Australia has been an very vibrant and active community growing steadily every year. RHoK Australia introduced a new site (Ipswich) this year and has been functional in Sydney , Brisbane, Melbourne and Western Sydney. All these sites were part of the global summer and winter rhok events.

The collective community had been led by **Dr Angus Hervey and Calum Foulner** . With **Bruce Stronge** leading the Brisbane community and **Liam Magee** leading western sydney

**Website :** [www.rhokaustralia.org](http://www.rhokaustralia.org)



## RHoK India

RHoK India is one other major community which is growing in scale and explore new diversity, RHoK India added a new site (Guwahati from the remote North East India) and restarted an old site ( Hyderabad). They have been actively holding events in Bangalore and Goa. RHoK India not only participated in the global summer and winter events. They also hosted a mega hackathon addressing the issues of Gender Based Violence ( funded by the US Consulate) and a interim global water Hackathon The RHoK India community is led by **Rishi G Bhatnagar , Yogesh Londhe and Chinmayi S K**

With **Sonal Roshan and Indrajit Sinha** leading RHoK Guwahati, **Poornima Kannan** leading RHoK Bangalore , **Snehith Alapati** leading RHoK Goa and **Vineel Pindi** leading RHoK Hyderabad.

**Website :** [rhokindia.org](http://rhokindia.org)

## RHoK Ottawa

Starting in 2016, RHoK became a project of Tech4Good Ottawa. Tech4Good Ottawa is a community of professionals aiming to create the go-to community of practice in Ottawa for charities and technology to collide. RHoK is a good extension of the vision of Tech4Good Ottawa.

The 2016 community was led by **Brett Tackaberry and Brandon Brule**

**Website :** <https://rhok.ca/>



## RHoK Pretoria

In South Africa, RHoK has been running since 2012 attracting a variety of developers, designers, entrepreneurs, to solve socially-relevant challenges through technology. RHoK Pretoria has been run in partnership of University of South Africa. In June 2016 the site organised a huge hackathon consisting of hackers of The site is being led by **Tiyani Nghonyama**

## RHoK Jr

RHoK Jr is an independent effort lead by **Patrice Gans**. The mission of Random Hacks of Kindness Junior, Inc. is to empower students to use technology to positively impact the challenges facing local nonprofits in their communities. This by hosting one-day hackathons where students (4th-8th grade) are paired with computer science mentors and nonprofit representatives to develop prototype smartphone apps for local charities. In 2016 RHoK Jr hosted 7 events in United States.

**Website :** <http://rhokjr.org/>

## Community In the pipeline for 2017

The global team is working with various individuals and organisations to bring Random Hacks to new sites and varied demographics. Here is a glimpse of all the site that are being worked upon now

**RHoK Kenya, RHoK Berlin**( <http://rhok-berlin.org/>), **RHoK Belgium, RHoK Ranchi, RHoK Nepal**

## COMMUNITY VALUES

As a part of the revamp we introduced new policies that strengthen the community values.

### Diversity and Inclusion

We included a code of conduct in the event planning kit and made it a mandatory part of hackathons going forward. Some sites like RHoK India have taken special interest in bringing more women to hackathon by setting aside travel grants.

In 2017 we will be releasing an accessibility guide to help make the event more disabled friendly.

### Open Knowledge

This year also saw us introducing thematic hackathons apart from the regular global summer and winter events. The purpose of these events is to understand local ecosystems and issues and creating a knowledge bank of similar issues around the world. These hackathons henceforth will not only release open solutions but also material to have an in depth understanding of certain global issues and foster exchange

# REPRESENTATION

## Global Events

### Hackathon Against Gender Based Violence

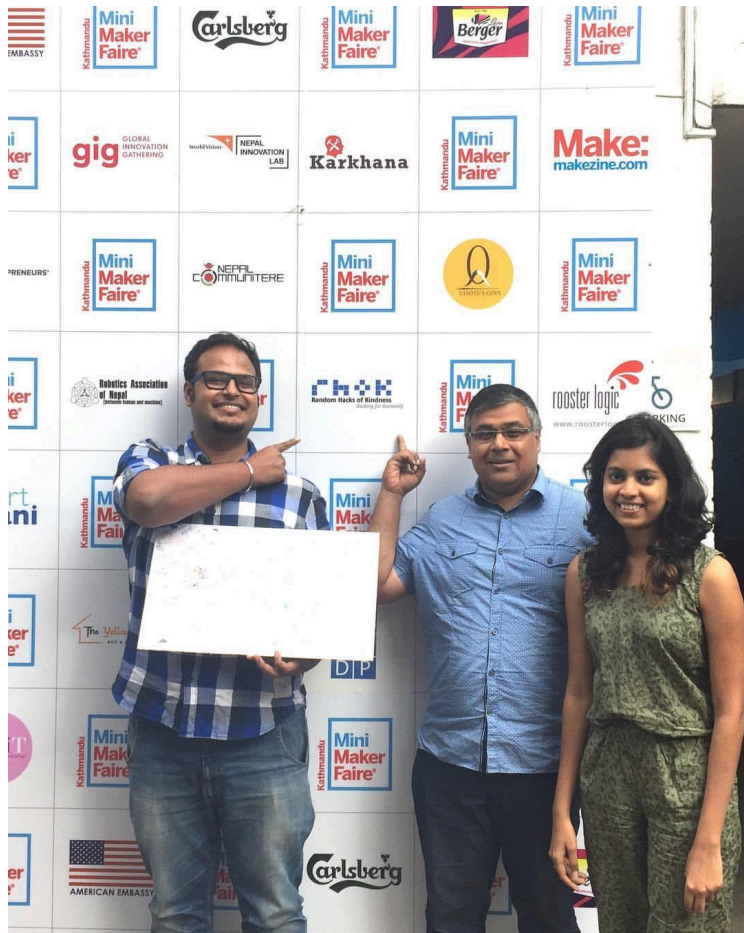


RHoK India hosted a Hackathon against gender based Violence in January this year. This hackathon was the first of thematic global events by the community. The event brought together gender activists and community member from USA and India to come together and write solutions to this complex issue.

## Conferences

### Nepal Mini MakerFaire

RHoK partnered with the communitere to host the first ever humanitarian mini maker faire. This event saw makers from around the world come talk about solutions for disaster. RHoK India and RHoK Ottawa communities came together to be a part of this event.



## HOPE

Lisha Sterling spoke about water issues and the work done by RHoK Community during this Conference. We also made an announcement of RHoK water hackathon through this event.

## IMPLEMENTATION

This year also saw a lot of RHoK Hacks go live in various parts of the world. Here are some of those efforts

### MSF Appointment Reminder

A team from RHoK Belgium built an appointment reminder system to remind patients suffering from TB and HIV of their medication. With the initial prototype they approached MSF who supported this project to completion and deployed the pilot to the population of Epsworth in Zimbabwe in 2015. It has been ever since successfully reminding the travelling patient population of their medication. This year the hack passed the proof of concept to be implemented in more centers in Zimbabwe

### HiveSense

The HiveSense platform is a Remote beehive monitoring platform built in RHoK June 2016 event in Ottawa. The ambitious project was built to monitor hives in winters of Canada and is presently being piloted in various places

### Spur Projects

Men aged 80+ suicide at a rate twice the national average. Oldmate is a project by spur projects to encourage 100,000 Australians to take a pledge to spend one hour per month with an Old Mate in their life. This project went live during the RHoK June 2016 in Brisbane and is accepting pledges since then