



**REVA**  
UNIVERSITY

Bengaluru, India

KNOWLEDGE IS POWER



# HACKATHON

**Environment-Green Computing**

**Eat.Code.Debug.Repeat**

24-Hour Challenge



**4 - 5 per Team**

**Exciting  
Prizes**

**COORDINATOR**

**Prof. Sathish GC**

**ORGANIZERS**

**Prof. Dheeraj D**

9900037077

**Prof. Naveen Chandra Gowda**

9008468885

School Of Computing And Information Technology

## School of Computing and Information Technology

### Event Report on “Hackathon 2017: 24 Hours Coding Contest”

Date: 9<sup>th</sup> & 10<sup>th</sup> May, 2017

The School of Computing and Information Technology annually conducts one of its flagship events entitled “Hackathon 2017: 24 Hours Coding Contest” with an aim of encouraging and providing a platform for our RU and RITM Students to show case their talents and innovative ideas. This year it was conducted on 9<sup>th</sup> & 10<sup>th</sup> May, 2017.

The event was inaugurated by our beloved Director, Dr. Sunil Kumar S. Manvi. The inauguration was attended by Hackathon Coordinators, faculty members and students.

There were around 12 teams registered for this event with around 60 participants (5 in a team) of which we had 2 teams from external colleges around Bengaluru. The event started by 11.00 a.m. in the morning and it went on till 12.00 p.m. on 10<sup>th</sup> May. The whole event was divided into three stages viz... Presentation of the idea towards the theme, and the intermediate implementation of the idea and finally demonstrating the working model developed.

We had invited judges from academia and industry to evaluate the performance of the students and to give away the prizes. There was an evaluation done from 7.30 p.m. to 11.30 p.m. on 9<sup>th</sup> May 2017 by Mr. Kshitij Karthick, an alumnus of CSE department, REVA Institute of Technology and Management who gave guidelines for the participants for further enhancing their innovative ideas into products. He works as an R&D scientist at a startup company on Machine Learning. The second day i.e. on 10<sup>th</sup> May 2017 we had Prof. Prabodh, Associate Professor, SIT, Tumkur who also is an executive member of FSMK (FOSS), Karnataka judging the final models implemented and decided the winners upon the best projects in both hardware and software category.

We had with us our beloved Vice-Chancellor Dr. S. Y. Kulkarni who took out his valuable time to vigilate and provide his feedback and suggestions to all the 12 teams who presented their ideas. HACKATHON-2017 was concluded with the Award Distribution by our beloved School Director, Dr. Sunil Kumar S. Manvi and external judge, Prof. Prabodh C P. Also Prof. Ashwin Kumar U. M. and Dr. Mallikarjuna Shastry P. M. accompanied the valedictory function and gave away cash prize along with certificates.

Some of the products qualified for the finals were GARB-E, Green Income, Good Samaritarians, Envy2.0, and Car-Beep of which GARB-E won the 1<sup>st</sup> Place, Green Income won 2<sup>nd</sup> Place and Good Samaritarians won 3<sup>rd</sup> place respectively and were awarded a sum of Rs.5K for the winners, the runner up being presented with Rs.3K and second runner up with sum of Rs.2K and further encouraged the students for their continuous involvement in such events in future.

A nominal registration fee of Rs.500 per team was charged for the domestic needs and food supplied all through the night and day at regular intervals. At last the feedback was taken from the students and they expressed to conduct more and more events of this type and also thanked the department for the extensive support by their beloved faculties who organized this event.

#### Hackathon Coordinators:

Prof. Sathish G C

Prof. Ananda Shankar A

Prof. Ashwin Kumar U M

Prof. Nirmala S Guptha

Dr. Gopal Krishna Shyam



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Prof. Manjunath P C

Prof. Dheeraj D

Prof. Naveen Chandra Gowda

Prof. Kiran M

Prof. Shiva Kumar R Naik

Prof. Surendra Babu N K

Prof. Saba Yaseen

Prof. Sanjana R H

Prof. Asharani K

Prof. Chaithra M H

Some of the non-teaching staff viz... Mr. Lakshmikant, Mrs. Lakshmidevi, Mr. Punith, Mr. Chethan for extending their support in smooth conduction of the event.

Some snapshots of the **Hackathon 2017: 24 Hours Coding Contest** captured during the day 9/5/17 and 10/5/17.



  
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Director  
School of C & IT



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# HACKFEST 2017

Eat . Code . Debug . Repeat  
24 Hours Hackathon Event

on

- Cyber Security for Children
- Applications for Higher Education
- Applications for physically challenged
- Remote Sensing application for Smart Cities

Organized by

**SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY**

Date : 3<sup>rd</sup> - 4<sup>th</sup> November 2017

Registration Fees:

Rs. 500/- (per member in a Team)

3 - 5 members in a Team  
Exciting Prizes of Rs.35,000/-

## Organizing Committee:

Prof. Sathish G C	9449343694
Prof. Naveen Chandra Gowda	9008468885
Prof. Kiran M	9035505082

For more details,  
please visit

Facebook Link:  
Registration Link:

[www.facebook.com/citrevauniversity/](http://www.facebook.com/citrevauniversity/)  
<https://goo.gl/LM2YYc>

**SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY**

**Report on “HACKFEST 2017”**

**A 24 Hours National Level Hackathon Event**

**Date: 3<sup>rd</sup> & 4<sup>th</sup> November, 2017**

The School of Computing and Information Technology with an aim of encouraging and providing a platform for students to show case their talents and innovative ideas in developing Projects through Coding and using Latest Technologies, took an initiative to conduct Hackathon, with inspiration from Google’s #HashCode.

The School of Computing and Information Technology organized Third 24 Hours Hackathon Event on 3<sup>rd</sup> & 4<sup>th</sup> November, 2017.

First Hackathon event was organized in 2016, Second Hackathon event was organized on 9<sup>th</sup> & 10<sup>th</sup> May, 2017 based on the Theme “**Environment-Green Computing**”. There were around 12 groups registered for this event with around 60 participants (5 in a group) of which we had 2 groups from external colleges around Bengaluru. Some of the best projects identified were GARB-E, Green Income, Good Samaritarians, Envy2.0, and Car-Beep of which GARB-E won the 1st Place.

Third Hackathon event was even bigger, a 24 Hours National Level Hackathon Event.

This Event was officially named it as: **HACKFEST 2017** with having Four Themes:

- **Cyber Security for Children**
- **Applications for Higher Education**
- **Applications for Physically Challenged**
- **Remote Sensing Application for Smart Cities**

HACKFEST 2017 was publicized through Digital Platform via Facebook, WhatsApp, and REVA University Website. Also, Registration was done through Online using Google Form.

Total of 33 Groups registered for this event with having 143 participants (3-5 members in a group) of which 20 Groups from REVA University, 7 groups (33 students) had come from CMR Engineering College, Hyderabad, 3 Groups from Sandip Institute of Technology and Research Centre, Nashik, Maharashtra, 2 Groups from Global Academy of Technology and 1 Group from Vivekananda Institute of Technology, Bengaluru.

The event was inaugurated by the Chief Guest, Mr. Nandi Dharma Kishore, Assistant Vice President, K7 Computing Pvt. Ltd., Chennai, accompanied with respected Vice Chancellor, Dr. S. Y. Kulkarni, beloved Director-School of Computing and Information Technology, Dr. Sunil Kumar S. Manvi., HACKFEST Organizing Committee, Faculty members and Participants.



After the inaugural function, participants in groups started with coding based on the theme selected by them on 3<sup>rd</sup> November, 2017 (Day 1) and it was ended around 12:30 PM on 4<sup>th</sup> November, 2017 (Day 2). There were total of Three Evaluation Stages.

Based on the standard Hackathon Judging criteria, the First Evaluation was done by Internal Judges cum Mentors (Faculty Members – School of C & IT) from 2:00 PM to 3:00 PM on Day 1. Second Evaluation was done by two External Judges from 10:00 PM to 3:00 AM (Day 1/Day 2).

### **Details of Second Evaluation Judges:**

1. Prof. Dheeraj D  
Global Academy of Technology, Bengaluru.
2. Mr. Kshitij Karthick  
R&D Scientist  
racetrack.ai, Bengaluru.

The Third/Final Evaluation was done by three External Judges from 10:00 AM to 12:30 PM on Day 2.

### **Details of Final Evaluation Judges:**

1. Mr. Raghavendra Reddy  
Advisory Software Engineer  
IBM, Bengaluru.
2. Mr. Yasha C  
Senior Software Engineer  
Blue Jeans Network, Bengaluru.
3. Mr. Gangaraju M P  
Philips, Bengaluru.

Also, Internship drive conducted from JNAAPTI team during HACKFEST 2017 and selected two participants for Internship @ JNAAPTI.

HACKFEST 2017 concluded with valedictory function in presence of our beloved Director, Dr. Sunil Kumar S. Manvi, accompanied with Final Evaluation Judges.

### **List of selected participants for Internship @ JNAAPTI (Both from REVA):**

1. Mr. Ujwal P – 7<sup>th</sup> sem CSE
2. Mr. Akash James – 7<sup>th</sup> sem CSE

## List of Winners of HACKFEST 2017:

Name of Group Members	College/University	Theme Selected	Title of the Project	Position secured
Akash James	School of Computing and Information Technology, REVA University, Bengaluru.	Applications for Physically Challenged	OCULUS An Assistant for the Visually Impaired	FIRST
Ashish Raman Nayak				
Mohit Kumar				
Sai Somanath				
Ujwal P				
<b>First Prize: Rs. 15,000/- worth e-Voucher from Flipkart</b>				
Samkeet Jain	School of Computing and Information Technology, REVA University, Bengaluru.	Cyber Security for Children	MoniFy	SECOND
Radhika Garg				
Lilash Shah				
Abhishek Poonia				
<b>Second Prize: Rs. 10,000/- worth e-Voucher from Flipkart</b>				
Anil B	School of Computing and Information Technology, REVA University, Bengaluru.	Applications for Higher Education	Grievance Management System	CONSOLATION
Aman				
Aman Kumar Singh				
Aditya Kumar Singh				
<b>Consolation Prize: Rs. 5,000/- worth e-Voucher from Flipkart</b>				
Akash Garg	Sandip Institute of Technology and Research Centre, Nashik, Maharashtra.	Applications for Physically Challenged	An Application for Deaf To Easily Communicate through Phone with Others	CONSOLATION
Pradeep Chauhan				
Prateek Rao				
Sancheet Patil				
<b>Consolation Prize: Rs. 5,000/- worth e-Voucher from Flipkart</b>				

## HACKFEST 2017 Organizing Committee:

Prof. Sathish G C

Prof. Naveen Chandra Gowda

Prof. Kiran M

  
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Some snapshots of the **HACKFEST 2017 - A 24 Hours National Level Hackathon Event** are provided below:



The poster for REVA University Hackfest 2017 features a black background with red and white text. At the top left is the REVA University logo and name, with 'Bengaluru, India' below it. To the right is a circular logo for the School of Computing and Information Technology. The main title 'HACKFEST 2017' is in large, bold, white letters with red outlines. Below it, the slogan 'Eat . Code . Debug . Repeat' and '24 Hours Hackathon Event' are written. A list of topics includes Cyber Security for Children, Applications for Higher Education, Applications for physically challenged, and Remote Sensing application for Smart Cities. The event is organized by the School of Computing and Information Technology, held on 3rd - 4th November 2017. Registration fees are Rs. 500/- per member in a team of 3-5 members. Prizes of Rs. 35,000/- are offered. The organizing committee members and their contact numbers are listed at the bottom. Social media links for Facebook and registration are also provided.

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Bengaluru, India

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**Mr. Nandi Dharma Kishore**





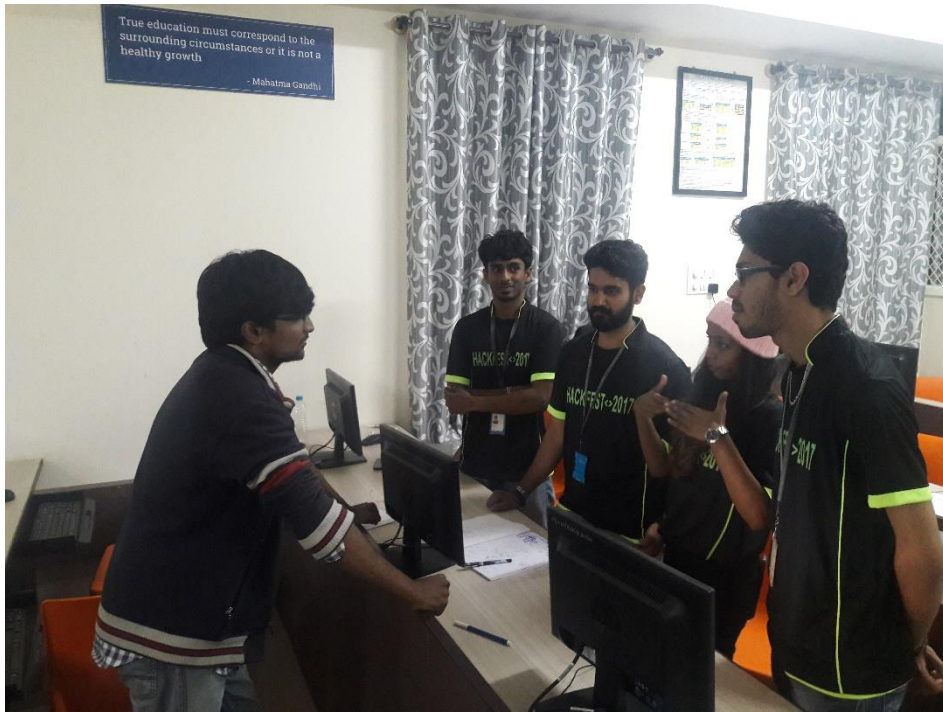
  
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Mr. Dheeraj D

  
Registrar  
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**Mr. Kshitij Karthick**



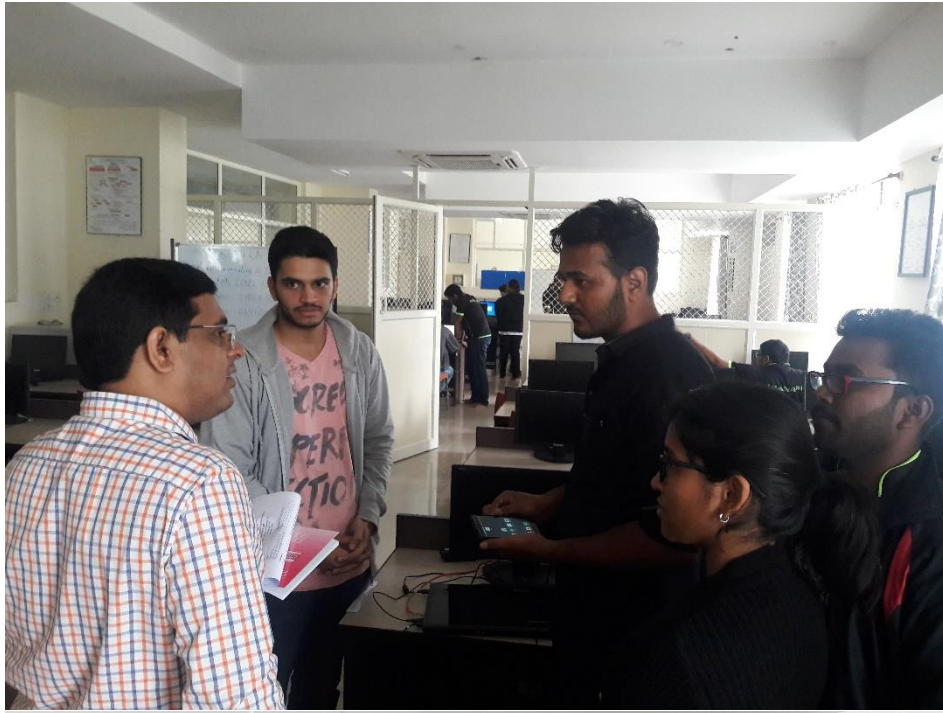
  
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**JNAAPTI Team**







**External Judges from IBM, Philips and Blue Jeans Network**



  
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**Winners of HACKFEST 2017**



**Runners-up of HACKFEST 2017**

  
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**Consolation Prize Winners**



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**Mr. Raghavendra Reddy, IBM**



**Mr. Gangaraju M P, Philips**



**Mr. Yasha C, Blue Jeans Network**

