



The power to do more

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INFORMATION

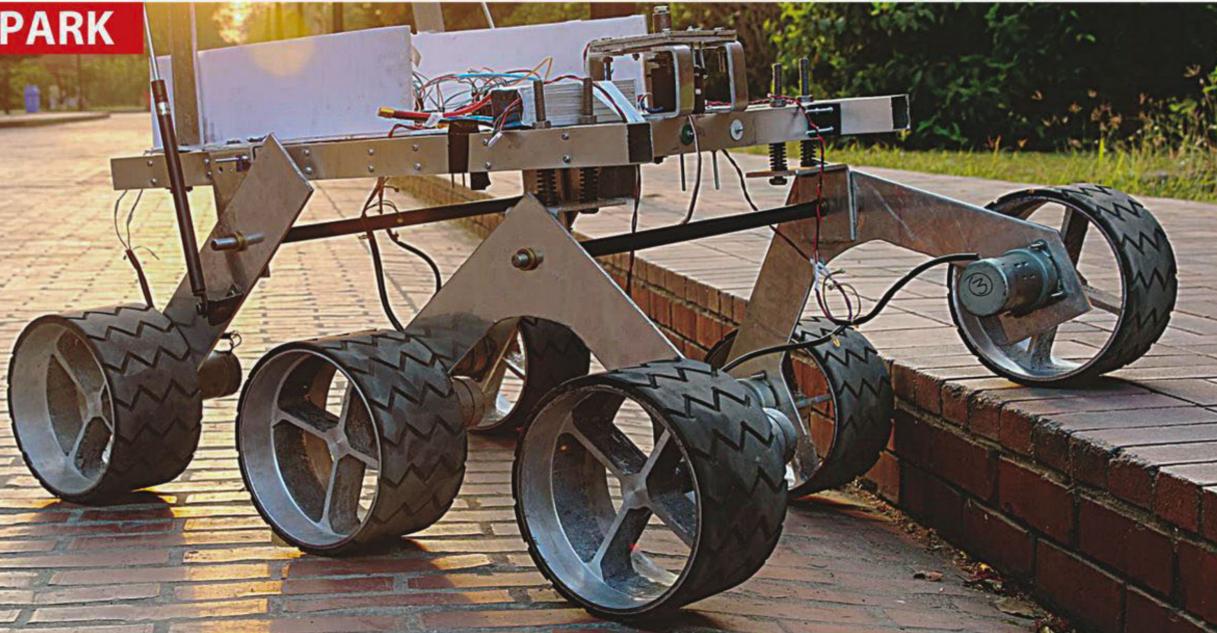
GADGETS

TECHNOLOGY



WORLD'S NO.1 ANTI VIRUS TECHNOLOGY

## TECH SPARK



## APPS ON THE FLOOR 360 Degree: Probably your next favourite game

**Platform:** Apple App Store & Android Play Store  
**Updated:** October 1, 2015  
**Size:** 15MB  
**Installs:** 1 Million+  
**Current Version:** 1.4.9  
**Requires:** Android 2.3 and up  
**Developer:** WebAlive

360 Degree is a unique game. Starting from the UI, the sound effect, the gameplay- everything is intuitive. Besides the simplicity and crisp graphics & minimalist design, the player needs to focus on their multi-tasking skills and reaction times. Drawing inspiration from some of the very first video games ever made, this game adds a twist to the traditional game and forth.

The Gameplay: In this game what you basically do is guide a bouncing ball to a safe landing while avoiding the spikes and collecting rewards. This game will surely remind you some of the very first classic arcade games where you are required to swivel your compass to the right and left while watching your score climb.

According to the developers, 360 Degree tests your accuracy, reflexes and reaction time and challenges the player's ability to multi task. In the latest release, the game contains a number of different tweaks to make things more interesting and challenging. There are different levels, various colored balls to choose from, rubies to collect and you can even pick up shield so you can protect yourself against those spikes! So why wait- go have a swirl!

# JOURNEY TO CONQUER MARS

The space has long held a special attraction for us and different generations throughout the evolution of humankind has resorted to different ways to answer our questions about the infinite universe. To us Mars has always appeared as an angry red dot on the horizon, and was named after the god of war by the Romans. Likewise, ancient Babylonians called the red planet 'Nergel', after their god of war, fire and destruction.

Fast forward to modern day and age: the planets have long lost their deity like status and have become yet another frontier for us humans to conquer in our never ending quest for knowledge and adventure.

We have already landed a rover in Mars, and the aptly name Mars Rover has been diligently sending back photos and data that have helped us make amazing discoveries about the fourth planet from the Sun.

Every year, contests are held by different organizations aimed at providing students with a chance to design a fully functional rover capable of traversing the unknown landscape of Mars while at the same time communicating with the control station down here at earth.

The European Rover Challenge (ERC) is the largest and most reputed of these

challenges and is targeted to pushing the boundaries of robotics by providing contestants with an artificially created Mars-like environment where their rovers have to complete a specific set of tasks.

The challenge includes tasks such as exploring the landscape and collecting samples, and the rovers need to have fully functional and autonomous cameras,



telemetry system, instant soil sample analysis ability as well as wireless communication capacity.

This year's ERC, held at Poland from 5th-6th September, saw participation of 34 teams from different countries, and two teams from Bangladesh were there to hold up our flag of red and green. IUT Mars Rover Team was selected from Islamic University of Technology (IUT) while BUET Interplanetars represented Bangladesh University of engineering and

Technology.

The IUT Mars Rover team consisted of Araf Farayez, TM Moniruzzaman Sunny, Zayed, Abu Shaid Sujon, Nazmus Sakib Adnan, Mirza Muntasir Nishat, Raihan Islam Amob, Muhammad Usama, Minhaz Us Salakeen Fahme, Asif Iqbal, Fahrial Alam, Mahmudul Alam Shakib and Mohammad Intishar Nur. The team

was coordinated by Dr. Khandakar Habibul Kabir, faculty member of the EEE dept. at IUT.

The BUET Interplanetars team was made up of Abul-Al Arbi, SM Shayek Ibn Faruqui, Fazle Elahi Khan, Nawab Md. Aminul Haque, Khaled Bin Mainuddin, Mehedi Hassan, Muhaimin Rahman, Asif Reza Chowdhury, Ashek-E-Rasul, Shoumik Islam, Shah Zaman Anu, Tanveer Alam, Kumar Dipayan Turjo, Nabid Mustafa, Reza Rashid, Abu Ashraf

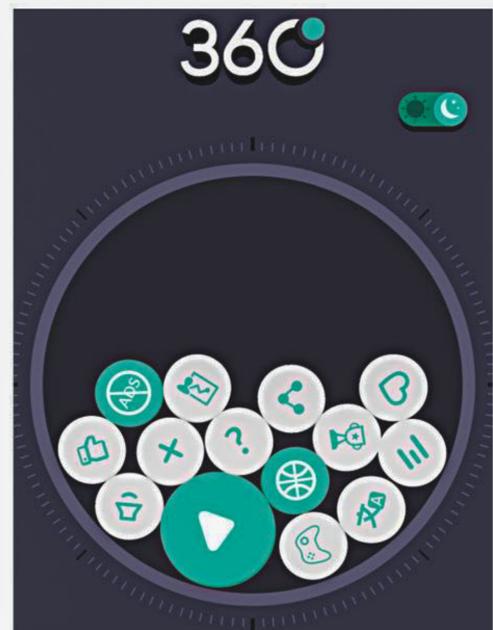
and Sakhawat Hossain.

The Bangladeshi teams showed an exemplary performance, with both teams finishing within the top 20- IUT Mars Rover finished 16th while BUET Interplanetars made it to 19th position among all the teams. In fact, IUT Mars Rover, with a total point of 154.5, was actually ranked the second best team out of Asia- a remarkable achievement by a team participating in the ERC for the first time!

Arif Farayez, frontman of IUT Mars Rover team, stated, "Without the cordial help of concerned teachers, alumnus and more importantly IUT authority, to pull up a project this big would be really impossible." He also thanked the IUT authority for all the assistance provided in making the rover.

Bangladesh has a long record of participating successfully in prestigious international competitions such as these. Hopefully in the coming future, our talented students will transcend the scope of these competitions and we'll actually have locally designed rovers probing the deepest corners of space!

ZISHAN MAHMOOD



## KASPERSKY SECURITY UPDATE

### Are we putting our finances at risk with our online shopping and banking?

Nearly everyone has faced a cyber criminal's activity at one point or another. Even if you've never taken the bait yourself, you probably know somebody who did.

To earn easy money, hackers, for example, make specific malware, which replaces legitimate banking interfaces with custom imagery and code. But before stealing your money, a malware needs to be installed on your device. So how does it find a loophole?

A test recently conducted by Kaspersky Lab, shows that many users do not follow basic security rules when make online payments or log into an online banking system. 50% of the people surveyed do not check if they use the authentic website of their bank or payment system. They don't pay attention at the https prefix, which indicates an encrypted connection; some of the surveyed have even selected a website with a misspelled address — an obvious sign of a fake phishing page.

It seems that a key logger will also find its victim: only each fifth of those surveyed prefer to use a virtual keyboard to protect their passwords from interception by malware. In the survey other users stated that they choose the "incognito" mode to protect a payment. Unfortunately, this action does nothing to protect a user's financial information.



What's more surprising it's that 20% of the users are ready to give their banking card to a nice waitress or a polite waiter and let them take it out of their site. This is a bad idea. Please, remember: if fraudsters receive access to your card at least for a minute, they can make a full-fledged copy very quickly.

Banks cannot guarantee 100% protection simply because to large extend security depends on users behavior. Besides, not all payment systems care about cyber security that much. That's why users, especially the less cyber savvy, should install specific solution to secure their online payments.

## DELL VOSTRO 3458 launched in Bangladesh

Recently DELL VOSTRO 3458 has been launched Bangladesh consumers. The Dell Vostro 3458 equipped with 5th Gen Intel Core i5 Processor (2.2 GHz up to 2.70 GHz), Intel HD Graphics 5500, 4GB DDR3 RAM, 500GB storage. It also has a 14.1 inch HD anti Glare LED display, integrated Ethernet LAN, Wireless 802.11ac for networking and 4-cell removable battery. The special attraction about this laptop is that it is made for small business and has 3 years warranty for Laptop with 1 year battery warranty.



Price: Tk. 49,300/- plus 3 years warranty for Laptop with 1 year battery warranty.

JUST IN

## Alcatel One Touch Flash 2 smartphone is here

Alcatel One Touch Flash 2 is now available for Bangladeshi market. Users can now have the smartphone delivered right to their doorstep if they purchase it from the Buymobile website. The device has a 5" IPS HD display with a 1.3 GHz Octo-core 64 bit processor. It will also come with 2 GB RAM, 13 MP and the 5 MP front camera with a f 2.0 wide angle lens. For storage, the phone has 16 GB internal storage which can be expanded up to 128 GB through an external memory slot and power for all these will come from a 3000 mAh battery. Price: Tk. 11,999/-

## Intel Antivirus with three years protection

Intel Security MIS-3 antivirus now offers protection on your internet usage for 1170 days. It has built in NetGuard technology which is a two way firewall system and network manager that keeps your Wi-Fi network safe. It has parental control and site advisor too which warns you whether a website is safe or not. It also has an anti-spam filter which blocks unwanted files, links or any other data comes with a spam message. Price: Tk. 2,000/-



## TECH HAPPENING

### First ever BDSAF-2015 Conference held

The first ever System Admin Conference in Bangladesh organized by the Bangladesh System Administrators' Forum (BDSAF) was held at a DIU at Dhanmondi last Saturday. Some 100 engineers & students of DIU engineering discipline attended the event. DIU Vice Chancellor Prof Yousuf Mahbulul Islam inaugurated the day-long conference while, Head of CES dept. of BUET & President of BCS Mohammad Mahfuzul Islam and APNIK Co-Chairman Sumon Ahmed Sabir were special guests at the inaugural session.



### Aamra holds Open House 2015 for the second time

aamra companies organized its fifth edition of Open House at the Lakeshore Hotel in Gulshan. Open House is an annual networking event, in which valued customers, partners, vendors and stakeholders of aamra companies meet and greet each other in a congenial environment to expand their business network and to polish their existing business relationship. The day-long event attracted around 2400 invited participants from across all industries. Microsoft, Airtel, Matrix, Polycom, Rosenberger, Thales, TPS and Infosys were the international participating partners and they were very excited to explore the ever-growing possibilities in the IT and telecom market of Bangladesh, through this event. Around 720 registered participants attended the SMART sessions conducted by the partners that included the following topics.

### CTO Forum discusses cyber security at 'Crack the Code'

The ever persisting threat on cyber domain cannot be stopped but can be mitigated. And mobile platforms and cloud services will be likely targets for attacks in Bangladesh, said Said Tapan Kanti Sarkar, President, CTO Forum Bangladesh addressing the audience at the Crack the Code held at Dhaka.

Anil Bhasin, Managing Director, India & SAARC Palo Alto Networks India was the keynote speaker of the program where he discussed the hottest trends of cyber security world the program. A panel discussion was held during the seminar where Mr. Abul Kashem Md. Shirin, Deputy Managing Director, Dutch Bangla Bank Ltd, Mr. S.M. Mainuddin Chowdhury, Deputy Managing Director, South East Bank Ltd., Dr. Ijazul Haque, Head of IT Commercial Bank of Ceylon PLC, Md. Tawhidur Rahman Pail, Member, CTO Forum Bangladesh took part as panelists.

**TECH BITS** Boston company launches spy drone that can fly indefinitely



New strain of Android malware is 'virtually impossible' to remove



YouTube rolls out support for VR video



Developers can now sell in-game items through Steam



Kickstarter's 9.5 million users have pledged over \$2 billion

