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HT New Delhi

## HC to hear plea on waterlogging

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**NEW DELHI:** The Delhi High court will on Wednesday examine the steps taken by the civic agencies in the Capital to implement its orders issued many years ago to address the problem of waterlogging.

The issue was raised before the court by president of the NGO Nyaya Bhoomi Col. BB Sharan. He told the court that waterlogging and traffic snarls on the Capital's roads during the recent rain proved that the government, the three municipal corporations, NDMC and the PWD had not implemented the court's orders issued since 2005.

The government had submitted before the court last year that a team led by IIT professor AK Gosain will examine the Capital's waterlogging problem and prepare a master plan to provide a long-term solution. A bench of acting chief justice BD Ahmed and justice Vibhu Bakhru posted the matter for hearing on Wednesday.

The court had directed all civic agencies to ensure that drains were cleared of silt before the monsoon.

Seeking a short- and longterm road map to deal with the menace, it had asked the traffic police to ensure the smooth functioning of traffic lights during the rain and also deployment of additional traffic police personnel. Two other PILs have sought steps to address the problem of waterlogging in Delhi.

One of the petitions claimed the civic agencies did nothing significant after 1998 to clean the drains. It submitted a list of 41 waterlogging-prone areas in the city. The petition said Minto Road, Ashram Chowk, South Extension Part-I, Mathura Road, ISBT Kashmere Gate. RTR Marg near Moti Bagh flyover, Dhaula Kuan underpass are waterlogged every year.

#### Workshop on android application at IIT Delhi

A workshop on android application development was conducted at IIT Delhi recently. More than 100

students attended the workshop that was aimed at telling the students about the career oppotunities in android application development. Students from Delhi Technological University, NIT Kurukshtra,

NSIT New Delhi, YMCA Faridabad and Allahabad University participated. The workshop was conducted by Aditya Dua, android application expert. Dua gave his first talk on 'the career scope in android'. He gave a brief introduction on the android industry, the android market and

about Open Handset Alliance. Topics such as android architecture and android application model were also discussed.

The session continued with exploring the components of android and ended with exploring sample applications and explaining students on how does an android application works.

In the second session, Dua discussed about the Hello World Project, and discussed about how to explore various developer resources available for students along with new

applications. He further explained students about monetisation of apps, how to publish your

apps in google store and what all ideas can be developed into an application. Last but not least, students learnt about exporting applications to an android application package file (APK) format — file format used to distribute and install application software so that they can be actaully used on an android phone.









# IIM-C to incubate 4 social entrepreneurship ventures

## Facilities to include mentorship support of faculty and alumni

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INDIAN Institute of Management Calcutta (IIM-C) will now incubate four social entrepreneurs, selected for the final round of Tata Social Enterprise Challenge, a Tata Group-IIMC joint initiative. The four social ventures are Doctors For You (DFY), a SAARC awardwinning humanitarian NGO in the healthcare sector, SwitchON-ONergy, a hybrid social start-up creating an ecosystem for the uptake of complete energy solutions to rural India, Edwell Solutions, which is operating tuition centres in Chamba block of Tehri Garhwal district and Doiwala block of Dehradun district in Uttarakhand with a plan to add more eight such centres in Uttarakhand by financial year 2013-14 (FY14), and Utopia, a social enterprise that has leveraged the automotive engineering and innovative design skills of its founders to create prototypes of lowmaintenance, high-efficien-



NEW HORIZON: Tata Social Enterprise Challenge aims to establish itself as a major event in the social entrepreneurship space

cy, low-pollution rickshaws specifically designed for Indian cities and towns.

"The incubation unit at IIM Calcutta, which is part of the Institute's Centre for Entrepreneurship and Innovation (CEI), will now focus on social enterprises. The incubation facilities at IIM Calcutta will include

mentorship support of faculty and alumni. We have developed a unique model of mentorship to ensure better monitoring and effectiveness of the programme," Ashok Baneriee, dean of new initiatives and external relations, IIM-C, and the principal mentor of the incubation unit, told Financial Chronicle. IIM-C has already signed agreements with these social ventures.

He said business incubation centres had been receiving increasing attention as a tool to promote entrepreneurship, both in developed and developing countries. They have become an integral part of the business assistance framework to offer critical support to newly formed enterprises. "IIM-C has recognised its importance and has aptly got into incubation with a focus on social entrepreneurship." he said.

Significantly, Tata Social Enterprise Challenge (TSEC) aims at establishing itself as a major event in the Indian social entrepreneurship space by bringing together social entrepreneurs. venture capitalists members from the academia, industry and business and the whole bunch of social entrepreneurs to identify and promote sustainable ideas that impact the social sector.

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# Microchip mimics the human brain

London: In a breakthrough, Swiss scientists have developed a novel new microchip that works just like a human brain and exhibits cognitive abilities.

No computer works as efficiently as the human brain — so much so that building an artificial brain is the goal of many scientists, researchers said.

Researchers from the University of Zurich and ETH Zurich in Switzerland have now made a "breakthrough" in this direction by understanding how to configure so-called neuromorphic chips to imitate the brain's information processing abilities in real-time.

They demonstrated this by building an artificial sensory processing system that exhibits cognitive abilities.

Most approaches in neuroinformatics are



limited to the development of neural network models on conventional computers or aim to simulate complex nerve networks on supercomputers.

Few pursue the Zurich researchers' approach to develop electronic circuits that are comparable to a real brain in terms of size. speed, and energy consumption, researchers said. "Our goal is to emulate the properties of biological neurons and synapses directly on microchips," said professor Giacomo Indiveri.