

Participation Of Global Stakeholders Will Help Find Lasting Solutions Partnership and planning key to build smart cities: Experts

TIMES NEWS NETWORK

Bengaluru: Global partnerships, use of information communication technology and a proper master plan are crucial to building smart cities, said experts at The India Advantage Summit 2017 that started

**THE INDIA
ADVANTAGE SUMMIT
SEPT 21-22**



MERGING MINDS: Rajya Sabha MP Rajeev Gowda (centre) with some of the participants on day one of the summit on Thursday

here on Thursday. The theme of the two-day summit is 'global partnerships for building smart cities in India'.

Setting the stage for the launch of Centre's ambitious smart city project, the summit co-hosted by Karnataka Bio-technology and Information Technology Services (KBITS) and Department of IT and BT saw developers, startup founders and academicians from

India and abroad coming together on Thursday. Speaking at the event, Rajya Sabha MP MV Rajeev Gowda said: "The smart city mission is to come up with efficient and effective city management solutions and infrastructure. The right choice will be to create and build the urban cityscape and frame-

work with global best practices at the core and address local challenges with a holistic approach." He said Kempegowda was a smart planner and had a clear vision of building Bengaluru with lakes and water bodies. "When Kempegowda was building the city, he followed the advice of his moth-

er to plant trees and build lakes. Unfortunately, many of our water bodies have been encroached upon by government agencies and individuals, one of the reasons for the recent flooding."

"Smart cities will set up new standards to ensure effective use of technology in delivering services and managing complex civic problems. For instance, in managing its physical infrastructure, a city can set standards by equipping streetlights, parking meters and garbage bins with sensors that monitor performance and signal when they need maintenance," said Mohan Raju, chief strategy officer at Azuga Inc and director IET India IoT Panel.

He said that participation of global stakeholders and startups will help come up with indigenous solutions to age-old problems. Bavarian-Indian Centre

Smart cities will set up new standards to ensure effective use of technology in tackling civic problems. For instance, streetlights, parking meters and waste bins can be equipped with sensors that will monitor performance and signal when they need maintenance

Mohan Raju
CHIEF STRATEGY OFFICER, AZUGA INC & DIRECTOR, IET INDIA IOT PANEL

senior advisor Jose Jacob said, "The Bavarian-Indian Centre is committed to bringing together key stakeholders so that they come up with innovative practices and globally tried and tested frameworks to support India's smart city mission."

In June this year, Bengaluru had made it to the Centre's smart city list and the BBMP plans to spend Rs 1,700 crore to improve the city's infrastructure.

People and organizations engaged in innovation and finding offbeat solutions for Bengaluru's manifold issues attended the global summit. TOI talks to a few of them

B'LRU TRIO COME UP WITH GREEN PACKAGING SOLUTION

The BBMP may be clueless about the city's mounting waste problem, but Bengaluru-based trio Kurian Mathew, Kurian George and George Thomas have come up with an innovative solution — bio-degradable packaging material made of discarded leaves. They have tied up with German firm Bio-Lutions and have set up a plant in Tirumenahalli near Yelahanka. "We are now supplying packaging materials such as boxes made of banana stem and sugarcane leaves to grocery e-tailer BigBasket. We are sourcing crop residue from farmers in Mandya and Tumakuru. We will soon set up a plant in Mandya which will process 3-4 tonnes of crop residue a day," said Mathew.

"Our products are free from chemicals. BigBasket approached us after BBMP enforced the plastic ban in Bengaluru. We are buying farm residues often burnt by farmers, leading to pollution. We are getting enquiries from different supermarkets in the city as well. We will also approach the railways soon so that plastic consumption in trains could be reduced," he said.

Christin.MathewPhilip@timesgroup.com

BMTC plans lounges for lactating moms at stations

Bengaluru: Here's some good news for nursing mothers. The BMTC is planning to launch women's lounges at major bus stations in the city to provide space for lactating mothers to feed their babies. The lounges will have waiting rooms, toilets and drinking water facilities. BMTC officials have sought Rs 2.25 crore from the Centre under the Nirbhaya fund for setting up the lounges. "A dedicated room will ensure privacy for mothers breastfeeding their newborns. It will also benefit women staffers, especially conductors. We have adequate space in traffic and transit management centres to set up the lounges by the end of this year," said a senior BMTC official.

DEDICATED SERVICE

In 2015, then Tamil Nadu chief minister J Jayalalitha introduced breastfeeding rooms at bus stations that became widely popular, particularly among travelling women who faced a harrowing time breastfeeding neonates in public places. In Chennai alone, breastfeeding rooms were set up at 40 bus stands.

According to Unicef, breastfeeding can save around 1.8 lakh children aged under five from diarrhoea and pneumonia in India every year. Health experts recommend breastfeeding for two years along with appropriate complimentary feeding six months after birth.

Activists have welcomed the initiative. "Many women passengers wait at terminuses for long hours, but there are no facilities at most places to help mothers breastfeed comfortably," said women's rights activist K S Vimala.

She said breastfeeding centres are also needed in railway stations, government and private offices. "There are dedicated smoking rooms in most offices, but there are no efforts to set up an adequate space for breastfeeding. The government should maintain the dedicated rooms and prevent their misuse by miscreants," she added.

WASTE IDENTIFICATION, ANALYSIS A MUST

A smart city needs a smart waste management system, says Vishwas Vidyaranya of Earth One Solutions, which provides consultancy services related to integrated solid waste management. "Waste characterization and analysis must be done to determine the types and composition of waste generated in a particular locality. This will help policy makers to reduce landfill waste and set up recycling units," he says. Vidyaranya says that BBMP's West Zone has already been mapped and waste generated by various localities in the zone has been identified.

"It's difficult for the civic body to manage waste without identifying their character. We could offer solutions and potentials based on the data. So, the civic body could adopt an integrated waste management system including collection, transfer and treatment," he said. For instance, 70-80% of the waste disposal cost is spent on collection and dumping. He said villages around Electronic City are seeing a rise in the amount of waste from generated e-commerce companies and food delivery firms.

UBER TO SHARE DATA ON TRAFFIC FLOW

Car aggregator Uber will soon reveal data on traffic flow based on trips to help urban planners in their job, says Uber south India GM Christian Freese. The move is expected to boost urban mobility as part of the smart city mission.

"Uber Movement will help planners analyze the data and come up with solutions. They will be able to understand traffic pattern of the city or the condition of roads using the data. For example, BMTC could find out on which routes or days there are more passengers," he said.

The data will also help urban planners identify high-traffic density roads and come up with smart solutions.

Uber Movement is currently available in Sydney, Washington and Manila, and is expected to be launched in Bengaluru. "We have also facilitated opening of cab booking kiosks at major metro stations to target commuters who are not tech-savvy. UberPool reduces traffic congestion and pollution, besides providing an affordable ride to customers," said Freese.

Tejaswi award for IPS officer

Bengaluru: Senior IPS officer Bhaskar Rao, agriculture scientist Vasanthakumar Timakapura and KSRTC Kendra Kannada Kriya Samithi president V C Channegowda were honoured with the Poornachandra Tejaswi award on Thursday.

The Aniketana Kannada Balaga gives the award to those who've contributed in various sectors, including public service. Sphatikapuri Maha Sansthan Mutt seer Sri Nanjavadhoota Mahaswami honoured the trio. **TNN**

13 TERMINUSES MAY GET BREASTFEEDING ROOMS

Women lounges will come up at Kempegowda, Shivajinagar, KR Market, Shanthinagar, Jayanagar, Kengeri, Banashankari, Koramangala, Yeshwantpur, Vijayanagar, Domlur, ITPL and Bannerghatta bus stands.



Why is breastfeeding important?

- About 1.8 lakh children die every year in India due to diseases like diarrhoea and pneumonia that could be prevented through breastfeeding
- Breastfeeding reduces mothers' risk of ovarian and breast cancer
- China, India, Nigeria, Mexico and Indonesia are responsible for over 2,36,000 child deaths each year due to inadequate breastfeeding facilities

Source: Unicef, Who

The lounges will have waiting rooms, toilets and drinking water facilities. BMTC has sought Rs 2.25 crore from the Centre under the Nirbhaya fund for setting up the lounges

METRO WRAP

Spiritual sciences fest

A celebration of the human spirit, the Global Festival of Spiritual Sciences (GFSS) will be held from September 30 to October 4 at Pyramid Valley International, Bengaluru. It will host global experts who will hold spiritual talks, artistic activities and meditation sessions. They include Jasmuheen (Australia), Newton Kondaveti and Lakshmi (India), Amara Tia Ann (Singapore), Sonya Sophia (USA), Ladan Ratcliffe (Iran), Trish Watts (Australia), Taniah T Kamadon (Penang Malaysia) and Rae Chandran (Japan).

IIMB-German biz programme

IIMB has partnered with two German B-schools, Friedrich Alexander University of Erlangen-Nuremberg (FAU) and Fraunhofer Institute for Integrated Circuits IIS, to provide international management programme for technologists (IMPT). It is designed by three management

schools to help technology leaders respond effectively to challenges. The two-week programme will focus on innovation, technology-driven business models, intrapreneurship and platform business models.

MS Ramaiah Foundation's decennial year MS Ramaiah Foundation is celebrating its decennial year and has themed the occasion as New India - Vision 2022, which aims to empower women through education. At the event, students were advised how to tackle stress and ragging, and taught the importance of having an open discussion to solve problems instead of falling back on electronic gadgets as a tailor-made problem-solver.

Generic medicine store opens A generic medicine store was inaugurated at Priyadarshini Maternity Home, Tavarekere Main road, BTM I Stage, on Thursday under the Pradhan Mantri Bhartiya Janaushadhi Kendra. The store will have over 650 medicines at affordable cost," said S Ashok Kumar Shetty, general secretary, Indian Red Cross Society (IRC), Karnataka State Branch.

Palash was depressed for unknown reasons: Father

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Bengaluru: A day after his elder son allegedly committed suicide by jumping from the 18th floor of a Whitefield apartment complex, Pradeep Chowdhary told police the 16-year-old was "depressed over unknown reasons".

Palash, a class 12 student of The International School Bengaluru (TISB), left his house in Palm Meadows around 3.30am and drove his father's car to the nearby Prestige Shantiniketan, where his friend stays. The boy is believed to have jumped to his death around 6am. Minutes before the incident, Palash left a message on a WhatsApp group of his

friends — 'Its my final goodbye...Love you ma'.

He is survived by his parents and a younger brother.

Police have spoken to 80 people, including Palash's classmates, schoolteachers, relatives and neighbours. Close family members and his classmates confirmed

FATAL JUMP

that Palash had been depressed for some time. "He suffered from mood swings. Otherwise, we didn't observe any abnormal behaviour during school hours," his teachers told police.

"It's a clear case of suicide. Till Wednesday, we

were not aware of the boy's motive. His father called us today and shared some important information," a senior police officer said. Palash would repeatedly say, "There is nothing in this life. Everything is an illusion," police said quoting Pradeep.

"We suspect Palash may have got into an argument with a family member, stormed out of the house and driven away his father's car," police said, adding, "We are scanning CCTV footage in the apartment from where the boy jumped. Eyewitness accounts and circumstantial evidence suggest Palash was alone when he entered the building at 4.10am."

B'loru varsity hikes convocation fees

TIMES NEWS NETWORK

Bengaluru: Bangalore University has increased the convocation fees for undergraduate and postgraduate candidates to Rs 970 from Rs 800 last year. The fee for PhD candidates is Rs 1,210.

The upward revision of fees for the 53rd convocation has jolted the student community. According to them, a Rs 100-150 increase in the fee every year has become a routine with BU.

The convocation fee for UG and PG degrees for the 50th convocation in 2014 was about Rs 655, they point out. Fee for students who have passed out of autonomous colleges was Rs 1,450 for the 50th convocation and has been raised to Rs 1,940 this year.

"Convocation fees is being hiked every year, but there has been no qualitative change in the certificates or degrees we receive. Even if university has to take the fees, it should keep it to the minimum. Else the money taken from students should be justified," said Aishwarya, a biotechnology student.

Said Mamtha P, a BCom student: "Convocation fees should be part of the regular fees we pay. There is no point increasing it every year, given that BU is a government institution. When we ask the authorities, they blame it on rising cost of paper and printing. We need to pay for everything — provisional certificate, convocation and, if need be, copy of any of the certificates."

Former BU students, who have delayed taking

FOR FOREIGN NATIONALS

UG and PG Rs 3,730	Phd. Rs 4,840
Students of autonomous college (UG and PG): Rs 2,260	

Important dates

Last date to submit applications sans penalty: October 25
Last date to submit applications with penalty: October 30

their degree certificates due to some reason, say now they are being made to pay the price for it.

Santhosh R, who had passed out of Bangalore University some 10 years ago, will now have to pay nearly Rs 4,000 to get his degree certificates for UG and PG courses. "I did my graduation some 10 years ago and PG seven years ago. Now to participate in the convocation I'll have to pay the basic convocation fee of Rs 970 each for UG and PG certificate and then a fine of Rs 1,070 each. It's irksome to pay such a huge amount for certificates at once."

Asked if any feature has been added to BU's markscards or certificates, C Shivaraju, registrar (evaluation) said: "The fee hike is the usual 10% allowed under university rules. Moreover, the fund is used for making evaluation and other processes easier and secure. Markscards and certificates have been supplied to us by MSIL (Mysore Sales International Limited) this year and the new markscards are more secure."



Ness: Property owner pays tax, not us

Bengaluru: US-based IT services company Ness Technologies said the BBMP's claim it had under-assessed its Koramangala office premises while paying property tax is incorrect, misleading and unfair.

Responding to the report, "Under-assessed malls to face BBMP penalty," Ness Technologies said the owner of the property where their office is located is responsible for paying property tax, and not Ness.

K K Raghuram and K K Prakash, owners of the property, said they are responsible for paying property tax to BBMP, and not Ness Technologies.

M K Gunasekhar, chairman of the BBMP standing committee on taxation and finance, said their officials identify properties by the popular name they are attached to. "This is what has happened in the case of the Koramangala property. While issuing the demand notice, we will address it to the property owner." **TNN**

TIMES TRIBUTE

To place an announcement Call : 1800 102 1166 (24 x 7)

PAYING HOMAGE TO THE DEPARTED SOUL

<http://tributes.timesofindia.com>

DEATH ANNOUNCEMENTS

OBITUARY



G. LILLY CHAYA GRACE
68 years slept in the Lord on 20-09-2017. Cortege leaves MF 11/8, BDA Flats, BTM Layout, Bannerghatta Road, Bangalore - 76 on Saturday, 23-09-2017 after prayers at 10.15 am for burial at Hosur Road Cemetery (Gate No. 1) at 11 am.
Mob: 9686955001/9986502591
Daughters, Sons-in-law & Grand Children

OBITUARY



SYBIL WOOLGER
(Age 91 Years)
Passed away on 19.09.2017. Mass at St. Patrick's Church at 10.30 am. followed by burial at Hosur Cemetery. Deeply mourned by Children, Grand children, Great Grandchildren.

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SAD DEMISE



Sri C.S. Satyanarayan
Ex- General Manager, Finance HMT Ltd. 01-03-1929 - 12-09-2017
A Golden heart stopped beating. Hard working hands at rest. God broke our hearts to prove to us. He only takes the best.
Vaikunta Samaradhane will be held on Sunday 24th Sept, 2017
Bereaved family
Mob: 91-9972812838, 91-934253225

SAD DEMISE



Mohan R Mirpuri
Passed away 21.09.2017
May his soul rest in peace
Mirpuri & Mahtani Family
MARKO
On Sunday 24th Sept., at 11am Followed by BHOG at NARI SHALA, Sindhi Colony, Assaye Road, Frazer Town.

REMEMBRANCES

REMEMBRANCE



T.V. SUBRAHMANYUM
1938 - 22-09-2013
Fondly Remembered by
Anuradha, Azam, Armaan, Aira, Niranjan, Rajendra, Punita, Indira, Sneha, Abhay, Ankit & Divit
Contact 8105764361

10th Year Remembrance
SHYAM PRASAD
1961 - 2017
10 years have passed
There is not a day we don't remember you always in our heart.
Jay, Sagu, Sid, Mom, Dad, Sumana, Sharat and Family.

1st Death Anniversary
In Cherished Memory of
Maria Assuntha Jackquiline
Dob 8-9-1971 - Dod 22-9-2016
"You were a beautiful flower in the garden of life, destiny has taken you away from us but your sweet memories still linger in us which we will always cherish".
"I am the resurrection and the life he who believes in me shall never die"
-John 11:25

Col Rohit Dalal
(18.08.1966 - 11.09.2017)
Rohit, our ever smiling course mate left us suddenly on 11 Sep 2017. Rohit lived a life full size & that infectious smile of his was ever on. His memory shall remain engrained in our hearts and minds for ever & ever. We pray to God almighty for a place in heavens to our course mate & to give strength to his wife Pooja, his daughter Jaanya and other family members. Rohit your memories will never be forgotten. Officers & Families, 80 Reg Indian Military Academy, Dehradun.

26th Year Birthday Remembrance
DEAREST VARUN
22.09.1991 - 17.05.2009
Forever in our hearts and mind you stay. You will be with us all the way. Family & Friends. Padmanabhanagar.

To pay tributes, log on to <http://tributes.timesofindia.com>