




Citizens for CityTM

Think SMALL Think ALL

Karuna Gopal
President



- 
- What is CITIZENS for CITY ?
 - Why CITIZENS for CITY ?
 - How was it Navigated ?
 - What was the Outcome ?
 - How relevant is it now ? In the context of SMART CITIES...

A case study on **Co-Creation and Innovation** to make Indian Cities Livable “

A Contest

A Challenge

where more than 100 organizations participated –
Scientists, IT professionals, Business leaders, Professors
and school students stepped in to contribute strategies
to make Hyderabad a World Class City

City Strategist Awards

Method : CROWD SOURCING



Output : SCULPT your CITY - A knowledge product & a guidance document to make Indian cities livable.. A compilation of 21 strategies



Outcome : Some solutions were implemented in Hyderabad and in a few other Cities:- Solutions borrowed by a few more cities
SMART PARKING , CAR POOLING , GPS PROTOCOL FOR PUBLIC TRANSPORTATION, CIVIC SENSE , GARBAGE MANAGEMENT ..

Demonstrated that **Citizens are willing to to stop playing critics and Partner the government.**





Internationally recognized as an Innovation.
– Especially in the SMART CITIES context

sc actual smartcity



INTERNATIONAL EDITION / number 1, 2015

www.smartcities.com

Smart City market is likely to be worth a cumulative
\$1.565 trillion by 2020 study by Frost & Sullivan

Interview with Karuna Gopal, president
of Futuristic Cities

Australia: Newcastle NOW to
Newcastle NEXT by Evelyn King

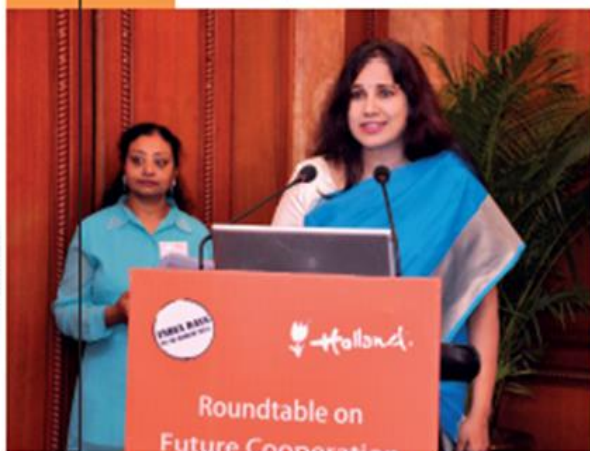


SCARC: What are main things under the Smart Cities Mission of the Government?
K.O.: Our country wants to infuse 'smartness' into the four pillars of growth: Institutional, Physical, Social, and Economic infrastructure. The Mission is about 3 important components - Green Field Development, Redevelopment and Retrolite. We are trying to take a combination of sustainable ideas planning with good design principles and technology solutions wherever necessary. New Green field cities will adhere to good design principles and use low technology, but making cities with crumbling infrastructure will have to resort to technology solutions.

SCARC: What is the Ministry doing now to achieve the stated goal?
K.O.: The Ministry at this time is ensuring the details of

The most important thing the ministry is doing currently is to arrive at appropriate city level Reference for anchoring on this Smart journey. The biggest challenge lies in City level actions, building city competence and developing Smart Procurement processes for engaging vendors. Reworking PPP frameworks is taking and it is being done while the biggest focus is perhaps also on making 'Doing Business in India' easier. The government is trying to Discover all pathways that lead to achieving the smart cities mission of the PM.

"Smart cities present the greatest opportunity for India to infuse Economic Vitality into the nation and also to create an Equitable Society"



"The world became a R&D laboratory for Smart Cities in the last decade, and India with its late mover advantage can capitalize on this corpus of knowledge"

the mission. Working on programs to build and enhance technical competence, covering the required Human Capital. The ministry is developing Smart City Standards, Indian and appropriate Protocols. There is a specific focus on forging Partnerships both local and global. As you know, there are many countries that are approaching India and offering to be a part of this smart city game. These have to be discussed, and MOUs have to be drafted and entered into. Currently each activity is on. The Ministry is also creating a corpus of 'International Best Practices' and is exploring 'Innovative Funding' models that may work on Indian terms.

SCARC: How will the Mission be navigated? We have seen it going to be a challenge for cities to be chosen?
K.O.: Yes, the cities will be selected through City Challenge. There will be 3 phases of selection - City Challenge on the lines of 'Mayor's Challenge' of Bloomberg Philanthropy, designed as a "competition for bold ideas from city leaders". Phase-1 (20 cities to be selected in 2015). Remaining should be provided with additional help and resources to prepare them for selection. Phase-2 (40 Cities in 2016), Phase-3 (40 Cities in 2017).

SCARC: How will the cities be shortlisted?
K.O.: Here are the details:
 • Economic Criteria: Cities accounting for 54% of Incremental GDP till 2025 - 69
 • Geographic Inclusivity:
 All State Capitals (not included above) - 12
 Tourist/ Religious - Heritage (not included above) - 8
 HRE and Coastal Areas (not included above) - 4



Mid-sized Cities (not included above) - 7
 • The Conditions Precedent: Municipal Reforms - Double Entry Accounting System, Minimum 50% collection of Taxes and User, Charges, Creation of Municipal Cadres...
 • E-Governance- Electronic Delivery of Public Services, All Information in Public Domain- Zero Bureaucracy, Solid & Liquid Waste, Master Plan based on Spatial Mapping/GIS.
SCARC: Can you elaborate on selected Major

"Smart Cities are not only all about technology, they are actually about livability, sustainability and highest quality of life"

Delhi. To develop a green field smart city in an area of about 20,000 hectares backdoor infrastructure development in two pockets of Delhi, with an area of 1,00,000 sq m and 1,20,000 sq m, and redevelopment of identified areas, in which Spanish agencies could lead technical support.
 France: Urban development projects in Hinadul Pradesh. France is keen on developing Smart Cities having adequate infrastructure and facilities like proper water treatment, waste management, urban transport and street lighting in the state.
 Singapore: Delhi-Mumbai Industrial Corridor (DMIC), the Chennai-Bangalore Industrial Corridor and the North-East. Singapore could develop a virtual city or a 'Little Singapore' somewhere along the corridor.

SCARC: Are you hopeful about the success of this



Investment Plans in India
K.O.: This is the list I am aware of:
 USA: Anticipated \$41 Billion Private investment pathways into India, partnership on clean water & solid waste management for 500 cities
 Japan: \$35 Billion - mix of Private & Public investment - DMIC - Japan is providing support of \$4.5 billion in the first phase of three projects through lending by Japan International Cooperation Agency (JICA) and Japan Bank for International Cooperation (JBIC).
 China: \$20 Billion - A mix of Private/Public investment.
 Germany: EU 1 Billion on solar capacity for next ten years.
 ADB (Asian Development Bank): \$2.5 Billion to establish 5 Industrial Zones for Andhra Pradesh; \$63.3 m for North Karnataka Urban Sector Investment Program.
 SPAIN: MoU would be signed between the two governments with focus on evolving a Master Plan for Smart

"New Green field cities will adhere to good design principles and use less technology, but existing cities with crumbling infrastructure will have to resort to technology solutions"

Mission?
K.O.: Yes, I am more than hopeful! The Mission is being planned in a comprehensive way. The Union Urban Ministry is not going to work in isolation, it will work closely with Ministry of New and Renewable Energy, Environment Ministry, the State and the respective cities. This mission is tied to Swachh Bharat, Digital India and Make in India programs and, most importantly, the concept of 'Smartification' is an integral part of this mission. Can anything be more comprehensive than this, both in Concept and Design? I am very positive.



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Confederation of Indian Industry



Department of Science and Technology
Government of India



Department of State
United States of America



India - U.S. Technology Summit

TACKLING 21ST CENTURY CHALLENGES TOGETHER

18-19 November 2014

Greater Noida

Partners



Indian University Partner



Panel of speakers seated at a long table with microphones and nameplates. The table is covered with a black cloth and has several yellow water bottles and glasses. The background features a large banner with logos of CII, Government of India, USAID, and other partners.

Panelists (from left to right):

- KEVIN KAMPSCHROER
- HENDRIK L. TOLMAN
- KARUNA GOPAL
- JONATHAN MARGOLIS
- MEHNAZ ANSARI
- BETSY WEATHERHEAD
- SUNIL KATHI



WASHINGTON DC - 2011

This process has the **potential to be Scaled and Replicated across india ..**

Indian Context

47% 'Planning'

growth overtakes planning, outdated plans and laws, weak enforcement, implementation deficit, insufficient planning skills, shortage of professional planners, land use and transport synchronisation, inflation of plans and strategy documents, master plan hypocrisy, inability to address informal developments

12%

'Inequality'

income disparities, affordability of services, urban poor

32%

'Governance'

lack of ownership, coordination gaps, non-accountability, conflicting assignments, inflation of agencies, central vs. local agencies, conflicting executive and political power, struggle for inclusive visions

12%

'Environment'

fresh water, pollution, climate change, waste

24%

'Infrastructure'

stress on power and water infrastructure, drainage and sewage system

41%

'Transport'

lack of street space, flyovers and ring roads bias, political neglect of walking, public transport overcrowding, low service quality, inefficient bus operations, under-utilized suburban rail, car growth choking the city

18%

'Migration'

continuous growth of urban populations, city size, unchecked population flows, floating population

18%

'Housing'

substandard housing, housing shortage, affordable housing

NO Collective Visions



attended by Union Minister Ghosh

Strong Heads – Weak Hands

Hawker Policy – Sanitation Policy



No Persuasive Communication

**The only
cure for**

INTER
is you.

Source: www.bulletin.uwaterloo.ca



Public Health Canada

No Pride



I ❤️ NY

CITY MERCHANDIZE ??

Indian Cities needed
FOOT Soldiers, Thought Leaders ,
City Ambassadors

We went about creating this
Army of City Angels

...



TALENT



Innovation



Design Low Cost Housing





Product Innovation Ideas





Citizens for CityTM

2009 Think SMALL Think ALL



Citizens for CityTM

Think SMALL Think ALL

CITY STRATEGIST AWARDS 2009



www.futurecities.org
Foundation for Futuristic Cities

Sculpting Cities

www.citizensforcity.org



water & Lakes



city branding



Greening



A Few Participating Organizations

SMART PARKING

- S. V. Srikanth, Dileep K Panjala, Tapas Saini, Santosh S Koshy



1. INTRODUCTION

"If we could first know where we are, and whither we are tending, we could then better judge what to do, and how to do it."

- Abraham Lincoln

Greater Hyderabad has seen tremendous growth in recent years and is on its way to emerge as one of India's most lovable, exciting and promising cities. The advent of IT in the city, creating many opportunities and the demographic statistics, justify this claim. As the city faces explosive growth in population, economy, per capita income and car ownership, parking is poised to be an essential requirement and a profitable business.

With the parking industry still immature and parking technology only beginning to catch up in the city, parking management remains very labor-intensive. Most parking facilities in Hyderabad at present are small, locally owned operations, often managed by security companies. The most popular method is "pay-on-exit", and the majority of parking systems use simple manual ticket issue at entry, with a flat rate for all-day parking and payments made in cash. Electronic handheld ticket-issuing machines are also becoming popular at on-street parking facilities. Even if the street parking challenges are solved, however, the city still faces a dilemma: high demand, coupled with limited supply of parking spaces. Hyderabad needs more parking lots and efficient use of existing parking facilities.

1.1 Problem Statement

"Politics ain't worrying this country one-tenth as much as where to find a parking space."

- Will Rogers, Actor, Comedian, USA

The above quote is quite surprising to hear from an eminent person of a well-developed nation. Through our survey on the parking issues in the country and within the city, we were able to identify many concerns, expressed in diverse quarters of society. Excerpts of a few interesting articles are highlighted below.

No Parking: The Sign of a New Opening

In an interview with DARE (magazine for entrepreneurs), Dr. T. Elangovan, of the National Transportation Planning and Research Centre (NATPAC) states, "As per 2004 statistics, India had a vehicle population of 7.3 crore. As of 2007, the number of vehicles registered in India is around 10 crore. In other words, 1 in 10 Indians own a motor vehicle". He chips in another interesting analysis, "It is roughly estimated that out of 8760 hours in a year, on an average, a car runs for only 400 hours or so, leaving the remaining 95% of its time in parking."

Parking Problems Aplenty at MGBS

There are three parking lots on the Mahatma Gandhi Bus Station (MGBS) premises and nearly 600 vehicles are parked in each of them everyday. But on weekends and public holidays, over 1,200 vehicles are getting

parking meter. This token would contain a time stamp of his entry and will facilitate the opening of the toll. The commuter thereafter, drives to a desired parking space and parks his vehicle. On exit, the commuter will have to insert the token into the exit parking meter, which thereafter computes the parking charges and deducts the same.

4.3.5.3.3 Variable Parking Tariffs

It is suggested to introduce variable parking tariffs at these service lanes. These tariffs can be designed on the basis of the available parking spaces, frequency of use, peak operational hours and the duration of use. Various tariff strategies can be designed to balance the available parking spaces at both on-street and off-street parking.

5. IMPLEMENTATION PLAN

"Let's not rush in to meet a deadline that doesn't make sense in the absence of a full implementation plan"

- Mark MacDonald

5.1 Overall System Architecture

The figure 13 depicts the overall proposed system for the city from a bird's eye view. As clearly depicted and earlier discussed, the city will be split into various zones based on the parking severity and availability. Here, we have created 3 zones namely Zone X, Y and Z respectively.

Each zone comprises various parking infrastructures represented as P1, P2 and so on and other facilities providing parking namely 1, 2 etc. The zone is logically represented by the ZPMS. Each zone will end with a ZPMS, as is ZPMS-X for Zone X. The ZPMS will host parking information status of the zone and supply this information to the CUPID for global access.

The CUPID will be interfaced to all ZPMSs present in the city. It will be the one point global reference to the parking information for the city. A commuter who intends to gain parking information, navigation routes or zonal information, can access it. The commuter is allowed such access either online or through a mobile

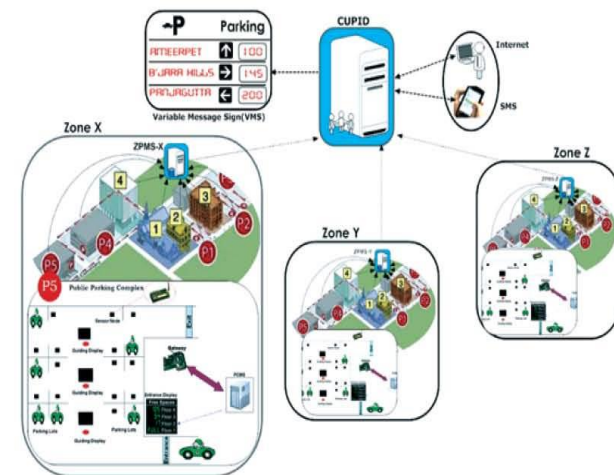
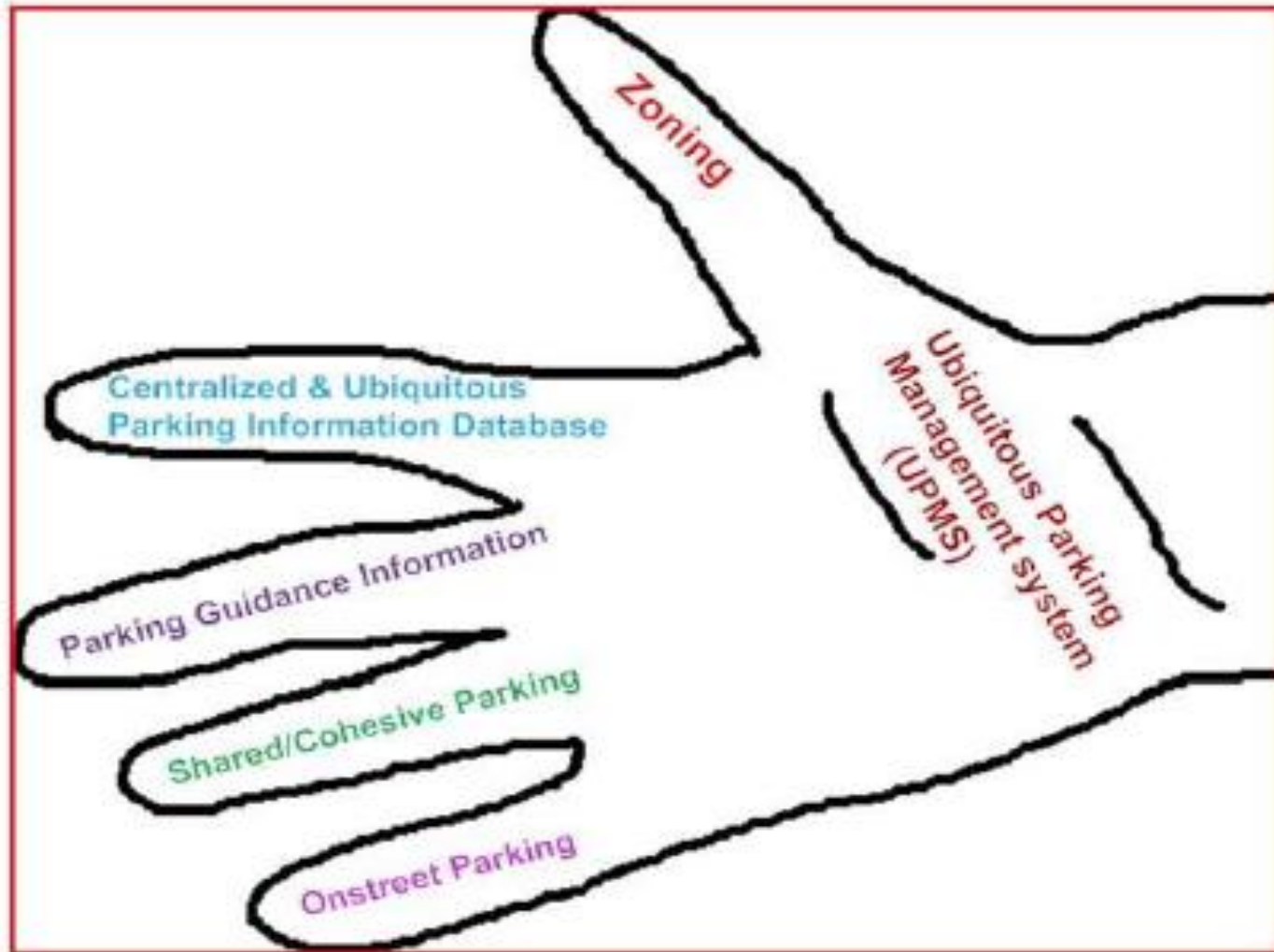


Fig 13: Overall System Architecture - A Bird's-Eye View

Smart Parking



C-DAC

Smart Parking

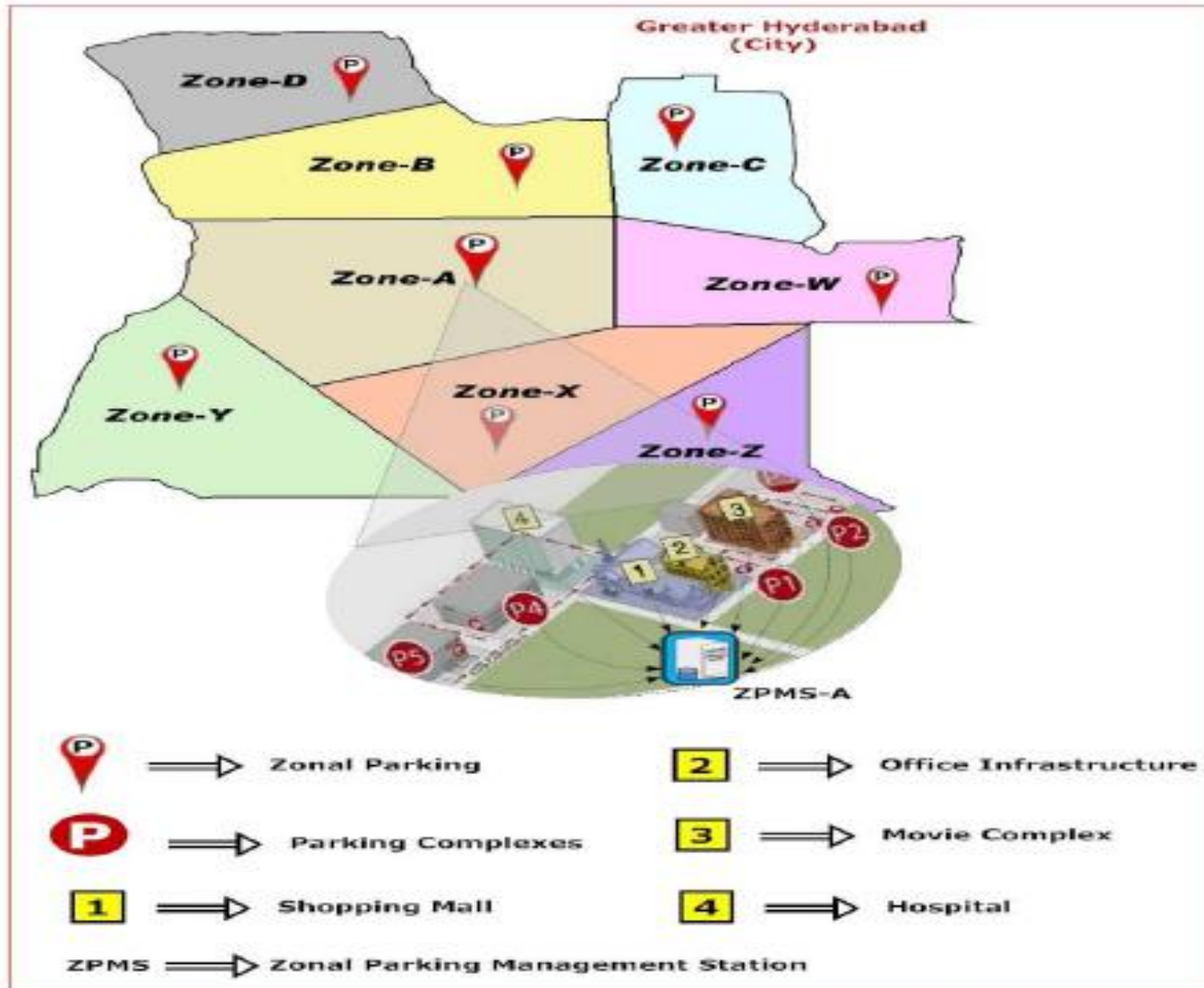
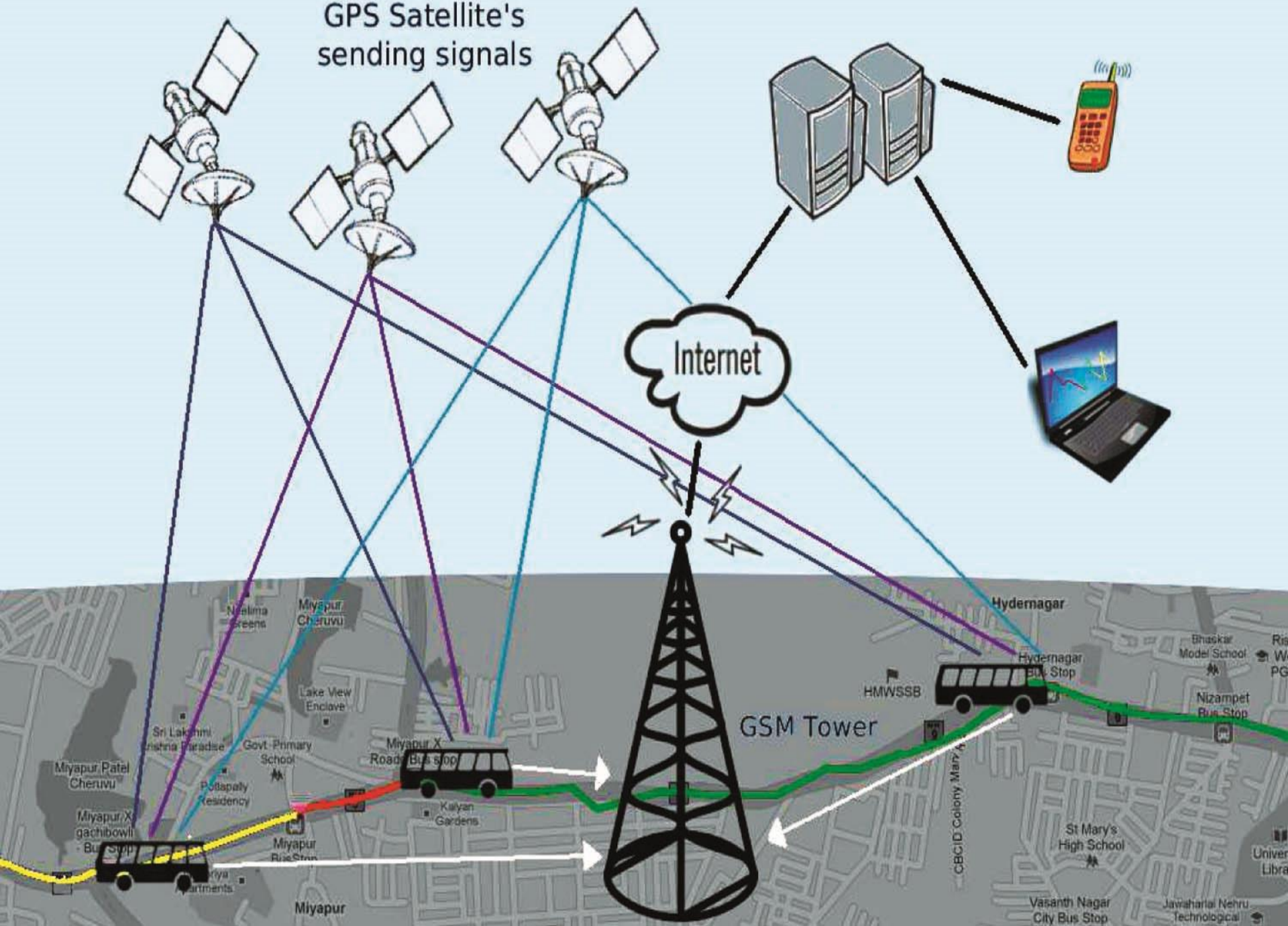


Fig 3: Zoning

GPS Satellite's
sending signals



Construction of separate Storm Water drains to carry rain water to another Water Body.

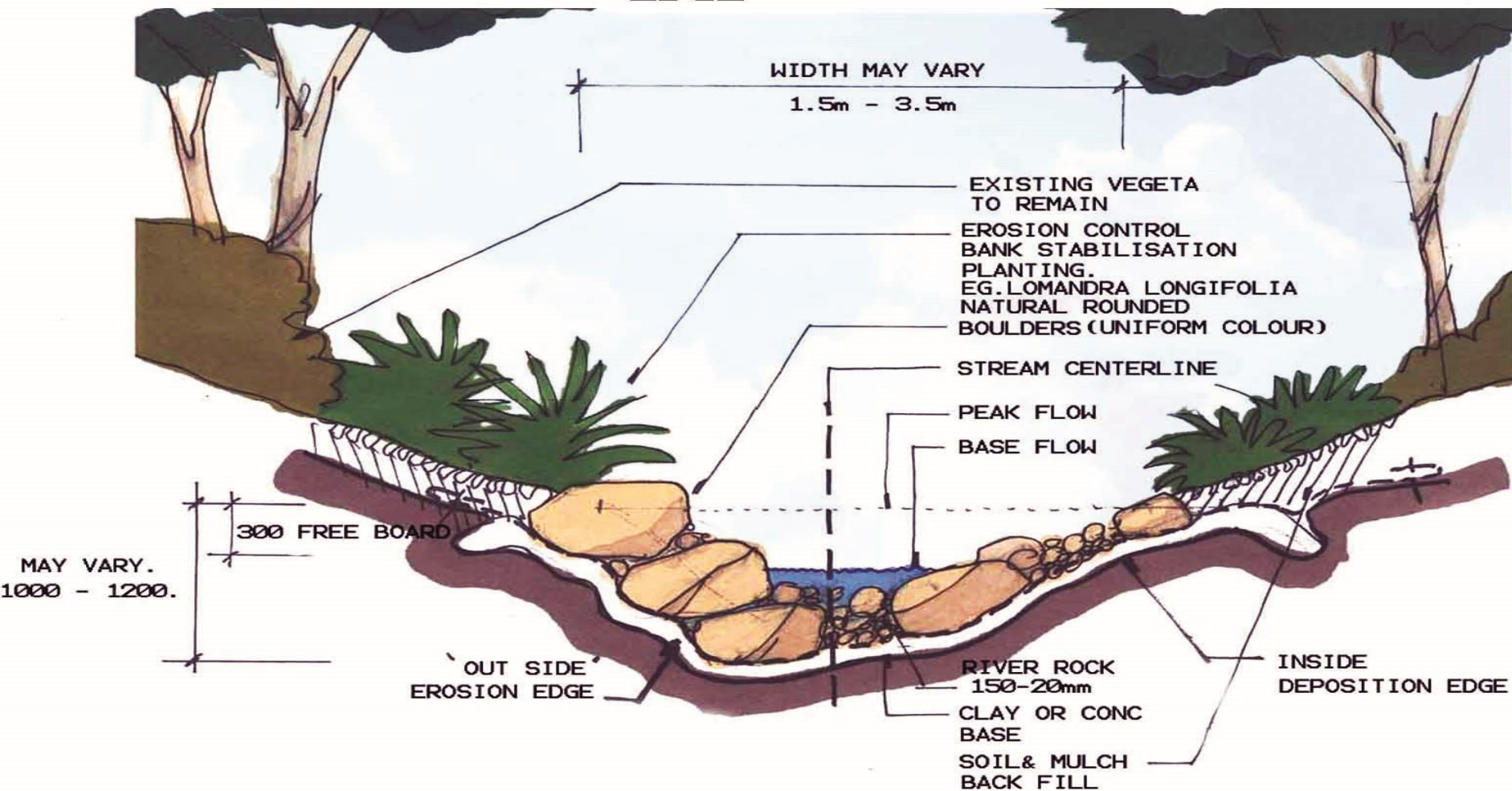
Develop a ring sewer that would enable the sewage flow 8mld to go to an STP for treatment that would aim to generate a total of 2MLD, which is the requirement to replenish the lake.
To construct an STP developed on the land given on lease to Taj Banjara (which can be accessed through a grave yard site) the government needs to address the sewage lines from a distance of 2 kms away

A Ring Drain to be built with the along the side of the high embankment walls on the opposite side of the Hotel Taj Banjara to move over 10MLD after treatment to a location across the road at the other side, essentially bypassing the lake and providing a means to completely eliminate the sewage flowing into the lake today

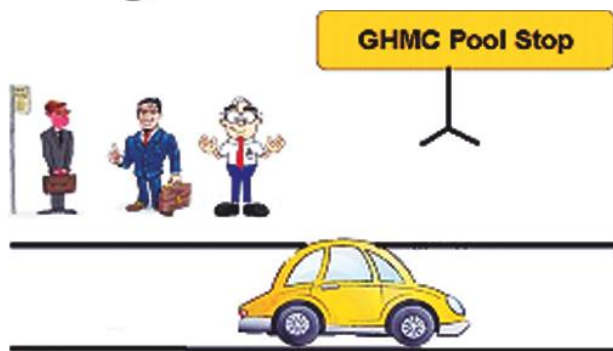
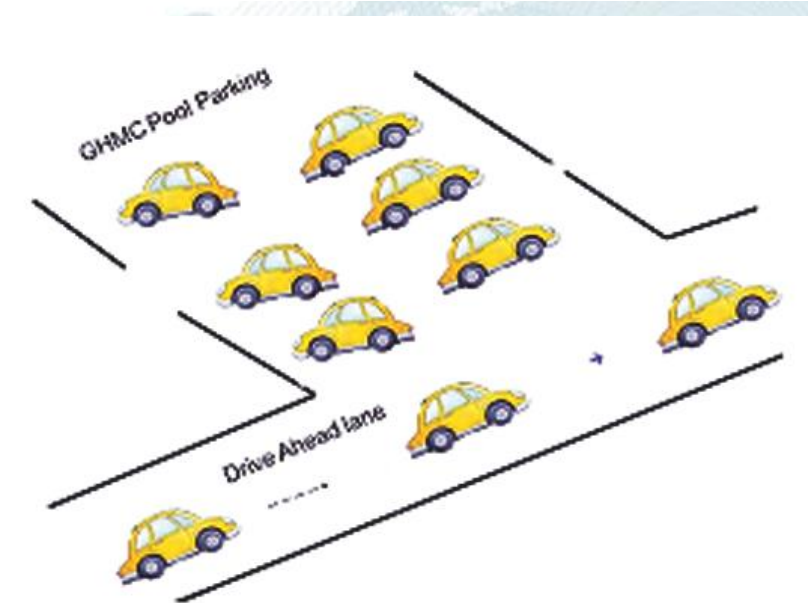
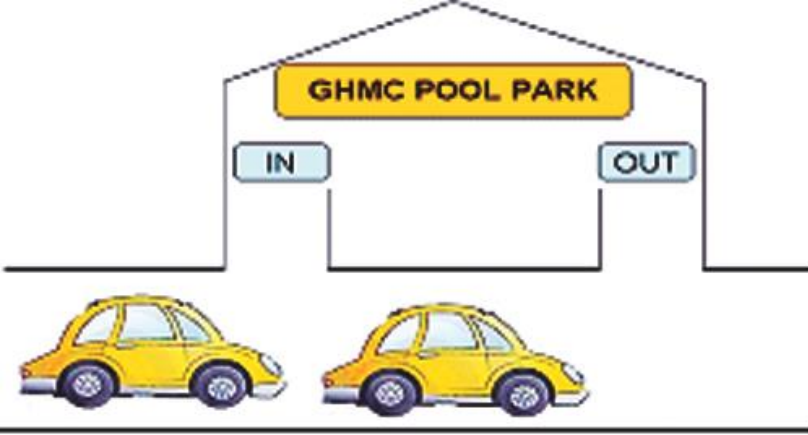




ROCKS RETAINING SOFT AREA
EDGE



CAR POOLING



SCULPT YOUR CITYTM

VIBRANT CITIES for a VIBRANT ECONOMY
2009



THE HINDU • WEDNESDAY, SEPTEMBER 16, 2009

Contest invites strategies for developing the city

Staff Reporter

flow, regular water supply etc. in the society's better interest to its citizens, observed K...

THE HINDU • TUESDAY, APRIL 27, 2010

Drive to protect lakes in city

Staff Reporter

HYDERABAD: Following the suggestions offered by differ-

• HMDA to form local committees for the purpose

• 21 water bodies listed for immediate intervention

THE TIMES OF INDIA

Wednesday, 16 September, 2009

THE TIMES OF INDIA, HYDERABAD
MONDAY, APRIL 26, 2010

THAMES NEWS NETWORK

Hyderabad: Foundation for Futuristic Cities, an urban advisory services group, announced a 'Citizens for City' contest here on Tuesday — an initiative undertaken to involve residents, along with policy makers, in the development of Hyderabad.

As part of this contest, citizens will

Contest invites citizens to develop city

Citizens for City contest

NEWS NETWORK

grand finale of the contest, organised for Futuristic Cities



Strategies to save lakes, water bodies discussed

THE HINDU • MONDAY, APRIL 26, 2010

Staff Reporter

Grand finale to Citizen's for City Contest
laid emphasis on strengthening face rain water harvest

NIN bags 'City Strategist' award

HYDERABAD: The National Institute of Nutrition (NIN) has received first prize in the

GHMC certification to ensure hygienic street food sought

City Strategy Awards organised by Foundation for Futuristic Cities; energy-saving coupons, green credit policy mooted

THE HINDU • MONDAY, APRIL 26, 2010

Hyderabadis can now be future perfect

Novel contest invites citizens to come up with ideas on improving urban infrastructure

indian express

THE NEW INDIAN EXPRESS

Express News Service

City Strategy Award for NIN

HYDERABAD: The National Institute of Nutrition (NIN) Department is working close-

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THE HINDU • WEDNESDAY, SEPTEMBER 16, 2009

Contest invites strategies for developing the city

Staff Reporter

HYDERABAD: At a time when morphology of Indian cities is changing at a fast pace and rapid urbanisation is witnessing increasing migration from rural to urban areas, metropolises such as Hyderabad are coming under greater pressure in providing basic services to its burgeoning population. It is leading to what urban planners call urban decay.

Though the city was initially designed to cater to five lakh population, it later rose to 40 lakh and currently hovers around 80 lakh. Likewise, the area has increased from 174 square kilometre to 744 square kilometre to 7,000 square kilometre currently.

These have brought enormous pressure on the government to deliver - provide basic services like good roads, drainages, smooth traffic

flow, regular water supply etc. to its citizens, observed Karuna Gopal, president of Foundation for Futuristic Cities (FFC). Despite the various initiatives of the government like the Jawaharal Nehru National Urban Renewal Mission (JNNURM) citizens continue to suffer from bad roads, garbage dumping etc., she said.

To enable citizens to participate and come up with innovative strategies for developing the city and improve the quality of life, FFC has announced 'Citizens for City' contest. Anyone can draft a well-researched strategy from a list of 30 topics given on the foundation's website, www.citizensforcity.org. It was formally launched by Deputy Speaker of the State Assembly Nandula Manohar here on Tuesday. Commenting on the initiative, he said it would be

in the society's better interests if one utilises existing institutions rather than blame them for everything.

"Such initiatives will eventually lead to meaningful partnerships between government, private sector and citizens to make our city vibrant and performing," M. Gopal said. It comes in the context of city development strategy for Greater Hyderabad - a requirement under JNNURM currently being developed by the GHMC.

The competition whose aim is to influence policymakers and town planners to incorporate citizen ideas in city development policy initiatives will lead to 'City Strategy Awards' being awarded to the top three winners.

October 15 is the last date for entering the contest while the deadline for submission is October 31.

THE HINDU • MONDAY, APRIL 26, 2010

Strategies to save lakes, water bodies discussed

Grand finale to Citizen's for City Contest

Staff Reporter

HYDERABAD: Several brilliant minds came up with strategies to save the lakes and water bodies of Hyderabad during the grand finale of Citizen's for City Contest on Sunday.

Six teams from different organisations came forward to present their ideas in front of a jury which comprised of Dr. Rao V.B.J. Chelikani, president, International Foundation for Human Development, Dr. V.S. Chary, Director, ASCI-SEEUG and ID, J.V.G. Krishna Murthy, program manager, Safe Water Project, Path India and Sunil Kumar Gupta, Member, Environment, HMDA.

The first topic, Life Support to Hyderabad Lakes, presented by Deloitte- IV,

laid emphasis on strengthening of lake fencing and bund constructions to prevent water bodies from getting polluted.

Emphasis was also laid on the importance of Grey Water Recycling and its benefits. "Most of the water used in bathrooms, laundry and kitchen sinks are classified as grey water."

If the water collected from bathrooms and laundry are filtered and recycled, the pressure on the Water Board to supply potable water would decrease phenomenally and also one can save power by avoiding excessive pumping of ground water," said V.V. Saradhi, consultant.

"People living near lakes should be educated and roof top water collection should be encouraged as well as sur-

face rain water harvesting to increase level of ground water," P. Ramakrishna, from Team Infosys pointed out.

"Sewage flowing into lakes can be filtered out by planting reeds near the lake. Planting trees would also transform surroundings into a green buffer zone," said Vishnu M. Choudary, from Team City Zen.

"Treated water in STP's is not being distributed. If STP's take up tertiary treatment of water to make it potable, the government can step in to supply treated water through tankers," said Shardon Joshi of Deloitte VI.

"Corporates can also adopt lakes and help the government promote eco tourism," said Manish Sejal of team Deloitte-VI.

THE HINDU • TUESDAY, APRIL 27, 2010

Drive to protect lakes in city

Staff Reporter

HYDERABAD: Following the suggestions offered by different stakeholders at the 'Citizens for City' forum on Sunday, HMDA, on Monday, announced that it would involve local neighbourhood committees in the protection of lakes and water bodies in different areas of the city.

The Lake Protection Committee chaired by HMDA Commissioner has identified 21 water bodies for immediate intervention, as part of a special drive from April 22 to June 5 (World Environment Day), a press release said.

Osmansagar, Hussainsagar and Himayathasagar were accorded top priority in the list released by the authority.

Durgam Cheruvu, Banda Cheruvu (Malkajigiri), Thammadi Kunta (Madhapur),

- HMDA to form local committees for the purpose
- 21 water bodies listed for immediate intervention

Amber lake, Hasmathpet lake (both in Kukatpally), Yellamma Cheruvu, Bhagarathi Cheruvu, Mysamma Cheruvu (all three in Serilingampally), Pedda Cheruvu (Ramthapur) and Kapra lake were identified for demarcation of boundary and removal of encroachments under second priority.

Diverting sewerage

The need to divert excess sewerage inflow and construct sewerage treatment plants was identified at Banjara lake, RK Puram lake (Malkajigiri), Patel Cheruvu and Pedda Cheruvu (Nacharam), Nalla Cheruvu (Uppal),

Mir Alam tank, Satam Cheruvu and Nalla Cheruvu in Moosapet.

Local bodies invited

As part of this drive it has invited local residents associations, neighbourhood committees, NGOs operating in the vicinity of 21 water bodies to enrol and coordinate with HMDA and Revenue authorities in protecting the water bodies in their respective areas.

Those interested can contact Sunil Kumar Gupta, member Environment, HMDA, email: me@hmda.gov.in or 040-23220881.

THE HINDU • MONDAY, APRIL 26, 2010

NIN bags 'City Strategist' award

HYDERABAD: The National Institute of Nutrition (NIN) has received first prize in the 'City Strategist Awards-2009' given away by Foundation for Futuristic Cities (FFC) on Sunday. The NIN received the award for their strategy on making Hyderabad the street food capital of India.

The GE Team-II bagged the second prize for their strategy on civic sense for sensitive and sensible city while IIIT-H received the third prize for their strategy on Urban Angiography. The Foundation for Futuristic Cities also announced ten special recognition prizes.

GHMC certification to ensure hygienic street food sought

City Strategy Awards organised by Foundation for Futuristic Cities; energy-saving coupons, green credit policy mooted

Staff Reporter

HYDERABAD: A Hyderabad Street Foods Monitoring and Review Committee should be setup with participation of stakeholders to streamline the functioning of street food vendors across the city and ensure hygiene, suggested the National Institute of Nutrition (NIN) here on Sunday.

A presentation made by a NIN team during the City Strategy Awards organised by

Foundation for Futuristic Cities here came out with a plan for demarcation of vending zones and creating food bazaars with appropriate categorisations.

Spaces around facilities such as MMTS stations can get attached with small-scale food bazaars, said G.M. Subba Rao of NIN. GHMC certification can be given to ensure hygienic street foods by vendors. Other presentations made during the concluding

- In 'Environment and Greening' session, concerns of ever-expanding city were discussed
- A presentation by the team from GE suggests a strategy towards conservation of electric energy

session included 'Civic sense for a sensitive and sensible city', 'How to make Hyderabad a haven for expatriates' and 'Branding Hyderabad as a futuristic city'. Teams were from GE, Indus International

School, ICFAI Business School, Infosys and Team Ventures.

In the 'Environment and Greening' session, concerns of ever-expanding Hyderabad city were discussed. Meera

Soni, a student from University of New South Wales, came up with a fresh approach of looking at population as an opportunity towards better town planning. Her strategy for a 'Carbon-neutral city' included densification of commercial and residential spaces, inter-complementary high and low energy consumption patches, and decentralisation of power resources.

'Energy Conservation Cru-

sade in Hyderabad', a presentation by the team from GE, suggested a comprehensive strategy towards conservation of electric energy, which includes conservation at home, green building solutions.

A team from National Remote Sensing Agency proposed Tree Census and development of Sacred Groves as solutions to loss of greenery in the city. Energy-saving coupons, bioremedia-

tion of waste and green credit policy were suggested by a team from Amjad Ali Khan College of Business Administration.

Civil Supplies Commissioner Sanjay Jaju, Director General of State Forest Academy C.S. Ramalakshmi, former Associate Dean of Home Science College Vijaya Nambiyar, MD of Microsoft India Srinu Koppala, and The Hindu Chief of Bureau S. Nagesh Kumar were part of the jury.

THE TIMES OF INDIA

Wednesday, 16 September, 2009

THE TIMES OF INDIA, HYDERABAD
MONDAY, APRIL 26, 2010

TIMES NEWS NETWORK

Contest invites citizens to develop city

Venkat Rao M



CITIZEN'S INITIATIVE: Deputy speaker of AP Legislative Assembly Nadendla Manohar releases the brochure of 'Citizens for City' along with Karuna Gopal on Tuesday

sure that the strategies of the winners were implemented. He also offered to speak to the Speaker to allow the town hall meeting, being planned by the foundation in November, to be held in the old Assembly building.

Srinivas Chary Vendula, director, Administrative Staff College of India,

cited examples of individual initiatives that have been implemented in a few cities in India. "One strategist's vision has put an end to open defecation in the small town of Kalyani in West Bengal. It is the only place in south east Asia to be rid of this problem. We can bring about similar changes here," he said.

Citizens for City contest

TIMES NEWS NETWORK

Hyderabad: The grand finale of the 'Citizens for City' contest, organised by the Foundation for Futuristic Cities (FFC), an urban advisory service provider, saw 30 teams present their individual strategies of making Hyderabad world class. The theme of the presentations made by these contestants, at the Marriott Convention Centre on Sunday, ranged from preserving the city's lakes to curbing its traffic woes and from conserving energy to making Hyderabad the street food capital of India.

The teams shortlisted for the finale were from leading corporate houses such as GE and Deloitte, educational institutions like International Institute of Information Technology (IIIT) and National Institute of Nutrition (NIN), NGO's such as City-Zen and even individuals.

Among some of the strategies that received commendable response were the presentations on effective sewerage water treatment, urban bus transportation service using GPS and GPRS facilities, managing hawkers to address traffic problems and car pooling. Interestingly, a smart parking solution coined by a team from C-DAC, which was part of the 30 presentations, has already been implemented by the Greater Hyderabad Municipal Corporation (GHMC) in Abids.

The jury at the event, included city



The jury at the contest held at Marriott Convention Centre on Sunday

bigwigs such as Microsoft MD, Srinji Koppulu, special secretary to chief minister Jawahar Reddy, commissioner of Hyderabad Metropolitan Development Authority B P Acharya, US consul general Cornelis Keur and activist V B J Chelikani Rao, among others. Praising the efforts of all participants, N V S Reddy, managing director of Hyderabad Metro Rail Corporation and also a jury member said, "The suggestions put forth by the teams were very useful. With support from government agencies, most of the strategies can be incorporated in the functioning of the state and can also yield great results."

The NIN team won the first prize for its presentation on making Hyderabad the street food capital of India while the second spot was secured by GE's 'civic sense for a sensible city' strategy. The third position was shared by the IIIT and C-DAC teams.

Hyderabadis can now be future perfect

Novel contest invites citizens to come up with ideas on improving urban infrastructure



Foundation for Futuristic Cities president Karuna Gopal announcing the launch of 'Citizens for City' contest on Tuesday. Also seen is ASCI director, Urban Governance and Infrastructure Development, V Srinivas Chary.

Express News Service
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THE Foundation for Futuristic Cities on Tuesday launched a contest to make Hyderabad 'future ready'. Citizens for city will involve Hyderabadis in coming up with ideas for improving urban services in the city. The best ideas will win cash prizes and, FFC officials claim, will be included into the city development plans.

The launch was announced at a press conference by the Foundation for Futuristic Cities. Entries have been invited to prepare implementable strategies on 30 topics provided by FFC. People can also add new ideas in addition to the topics mentioned. The top three winners will be given 'City Strategist' awards along with cash prizes. The first prize has a cash component of Rs 1 lakh, second prize of Rs 75,000 and third prize is worth Rs 50,000. The next 10 best teams will be presented citations. The participation fee for entering the contest is Rs 2,000 per team for students and Rs 5000 in case of others. For details contact Padmaja Iyengar

(9948269211) or Som Krishna (9949279213). The last date for entering the contest is October 15 while entries have to be sent by October 31. The stakeholders will meet in the town hall after the contest to discuss a viable plan for the city, claimed FFC officials.

Karuna Gopal, president of FFC, said that involving citizens in planning for the city was important because cities were bursting at the seams. "Hyderabad was originally meant for 5 lakh people, but nearly 60 lakh people call it home today," she said. Citing some statistics Karuna said that Hyderabad generates 4000 tonnes of garbage everyday out of which barely 50 per cent is cleared. "To have a wealthy performing nation we need performing cities," she said.

The key to this, according to FFC officials, is to involve all the stakeholders: government, corporates, citizens, NGOs etc. The inputs of all are essential for creating a dynamic city, they said. "The performance of business houses depends on the services that cities provide

them and if they are inadequate then the businesses move out, for instance Infosys moved from Bangalore to Mysore," said Karuna Gopal.

Srinivas Chary Vedala, director of the Administrative Staff College of India Centre for Energy, Environment and Urban Governance, said that there was a law at the national level that mandated community participation in the implementation of urban projects.

"This is an important tool for citizens to get involved in the planning of their city," he said. "The goal of the contest is to find solutions locked up in the minds of hearts of Hyderabadis," said Karuna. Y Harishchandra Prasad, chairman of Confederation of Indian Industry-AP Chapter and one of the co-sponsors of the contest said that urban areas are neglected by politicians because they "Go chasing after rural voters, and ultimately, nothing gets done". He added that Hyderabad and other cities had witnessed urban decay, but that citizens had to take the initiative to stem the rot.

City Strategy Award for NIN

HYDERABAD: The National Institute of Nutrition (NIN) has bagged the platinum prize in City Strategist Awards-2009, which were given away by Foundation for Futuristic Cities (FFC) here on Sunday.

The research institute received the prize for chalking out a strategy 'Making Hyderabad the Street Food Capital of India', which will soon be taken up for implementation by GHMC and Department of Tourism. The strategy envisages creation of hawker zones, hawker certification by the municipal body for food safety and training by NIN researchers for hygienic food handling. "The Tourism

Department is working closely with other departments including GHMC to implement it. In fact, to kick-start the programme, January or February of next year, we will organise a street food festival in Hyderabad," said Secretary, Department of Tourism, Jayesh Ranjan. Another project submitted by a team from GE 'Civic Sense for Sensible City' received the gold prize while a special strategy on traffic management by using RTC buses, developed by techies from IIIT, received the silver prize. The automated parking system at Abids, developed by C-DAC, also received silver prize.



Automated Entry Gate



lamps showing bay status





Level wise over all vacancy display



Foundation for

Futuristic Cities

MODI'S 'SMART' VISION TAKES SHAPE

SMART CITIES

WHAT THEY ARE AND HOW THEY WILL HELP

■ Smart cities, in the most basic terms, are urban settlements that exploit technology to offer more structured and hospitable living conditions for residents.

■ Information and Communication Technology (ICT) forms the backbone of smart cities and is the main tool to address common problems like congestion and waste of energy.

■ Such cities have a centralised control system which provides real-time inputs on availability of water, electricity, public transport, healthcare and education.

■ Intelligent communication tools enable administrators to manage and respond to emer-

gencies faster.

■ Consumption of scarce resources like water and energy is streamlined through the use of technology.

■ Better energy management systems help people automate energy-consuming systems in buildings.

■ There is emphasis on the use of renewable sources of energy

The urban development ministry has identified almost all the places where the NDA's 100 smart cities will come up

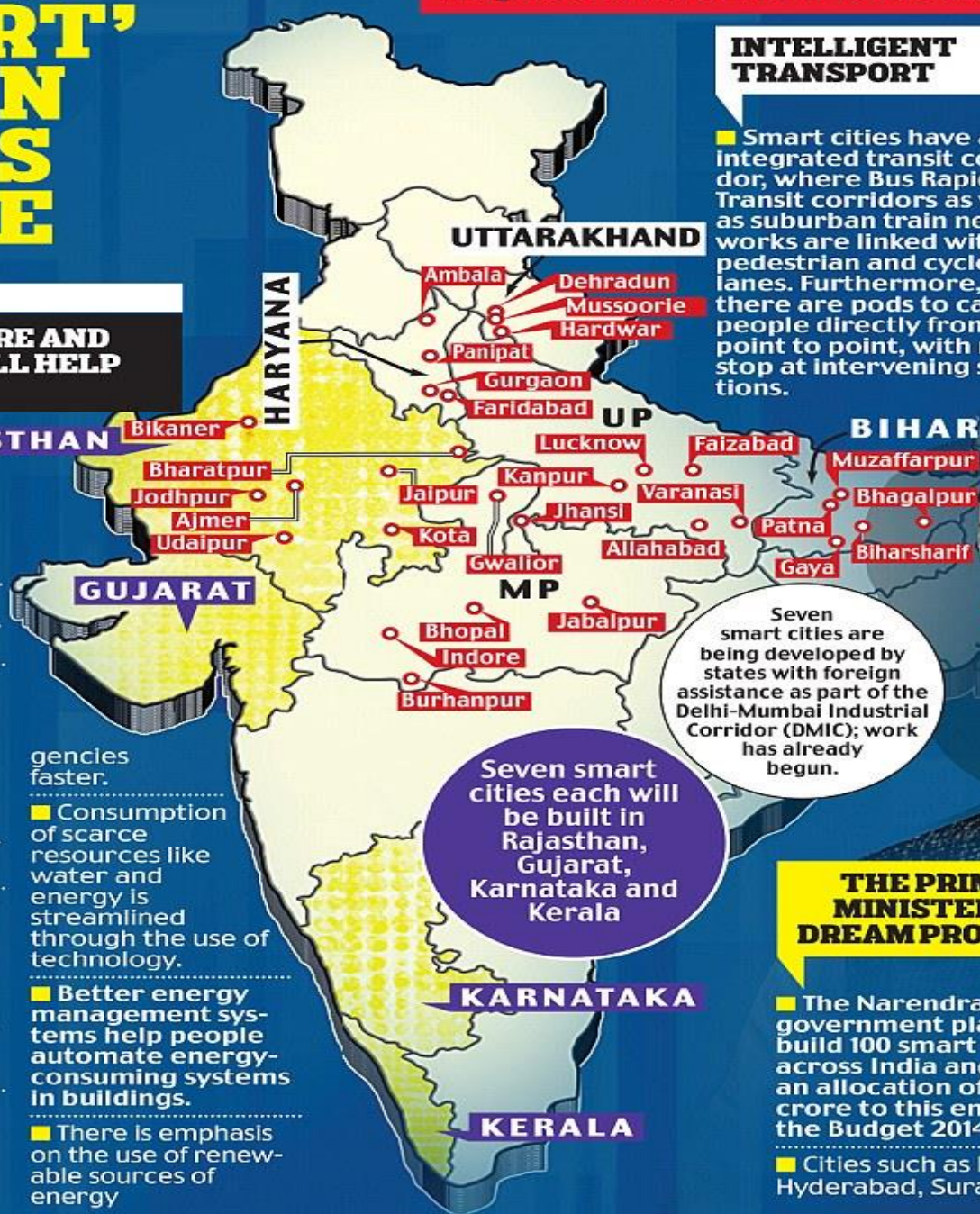
INTELLIGENT TRANSPORT

■ Smart cities have an integrated transit corridor, where Bus Rapid Transit corridors as well as suburban train networks are linked with pedestrian and cycle lanes. Furthermore, there are pods to carry people directly from point to point, with no stop at intervening stations.

■ Smart cards facilitate travel in multiple modes of public transport.

■ Real-time transport displays can provide visibility and information on availability of public transport as well as the condition of traffic on routes.

■ Digital parking meters send information to mobile phones when a space opens up.



THE PRIME MINISTER'S DREAM PROJECT

■ The Narendra Modi government plans to build 100 smart cities across India and made an allocation of ₹7,060 crore to this end in the Budget 2014-15.

■ Cities such as Delhi, Hyderabad, Surat,

Coimbatore, Bangalore, Mangalore, Jamshedpur, Mumbai and Chennai have launched initiatives for deployment of advanced communications systems, Metro networks, traffic management frameworks, smart meters, GPRS for solid waste management, online water quality monitoring, online building plan approval schemes, etc

Co-Creation



Smart City Amsterdam involved 4 Multinational Technology Partners and multiple domestic partners

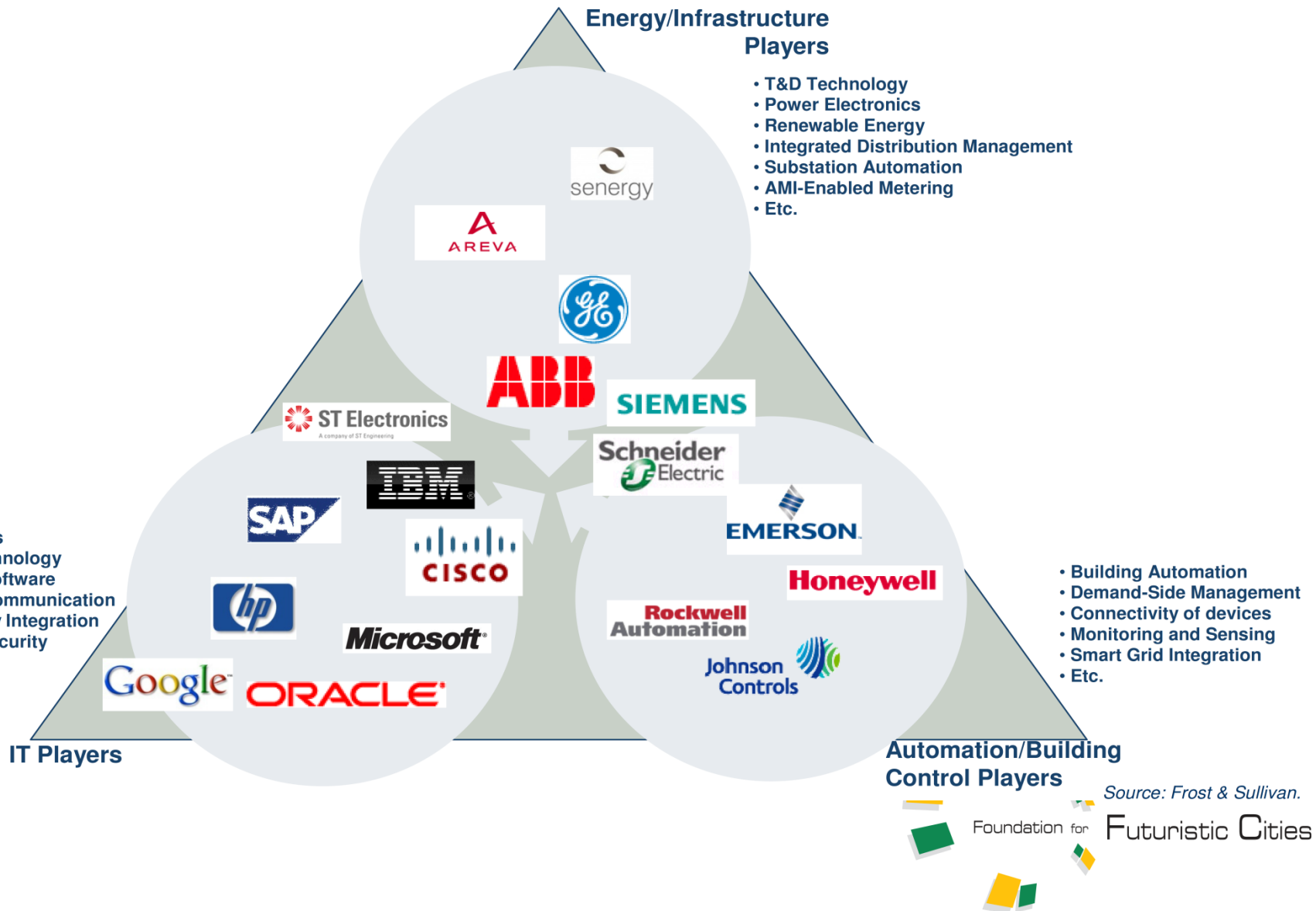


Smart projects

- #01 Geuzenveld
- #02 West Orange
- #03 eManagement Haarlem
- #04 Onze Energie
- #05 Smart Challenge
- #06 ITO Tower
- #07 Monumental Buildings
- #08 Decentral Generation: Fuel Cell Technology
- #09 Zuidas Solar Challenge
- #10 Online Monitoring Municipal Buildings
- #11 Ship to Grid
- #12 Moet je Watt
- #13 Klimaatstraat
- #14 Smart Schools Contest
- #15 ZonSpot
- #16 Swimming Pools



Convergence of Players



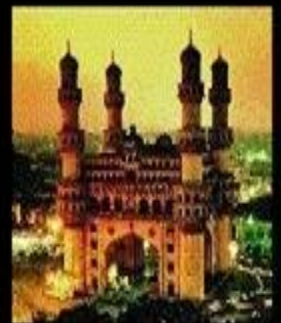


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HYSEA concludes 'Smart Cities IoT (Internet of Things) Devthon'

4 months ago Ravi Korukonda Events, Press Releases

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- 2 day Smart Cities IoT hackathon witnessed over 100 participants involving citizens, engineers, designers, developers, urban researchers, technology architects, and data scientists.
- Around 20 solutions to build smarter cities were developed for handling civic issues, traffic management, parking issues, emergency services, waste management out of which best ones will be showcased during XI Metropolis Congress.

SMART CITIES IoT
devthon

FOR METROPOLIS

OCT 4th & 5th 9.00AM - 6.00PM

Hyderabad October 5, 2014: HYSEA in association with TASK, Pisutra Labs and Hyderabad Hackers today concluded its 2 day collaborative event, **Smart Cities IoT Devthon for Metropolis**, at the ESCI Design & Prototyping Center. This was first in a series of aligned, coordinated and amplified set of hacking events. Devthon is a platform to develop and prototype on possible technologies towards creation of smarter cities for a better living. The best solutions

will be presented before the delegates during XI Metropolis World Congress to be held between October 6th and 10th in Hyderabad.

During Devthon there was a collaboration of a diverse group of individuals consisting of engineers, designers, developers, urban researchers, technology architects, data scientists, citizens and the government amongst others. Industry experts from varied fields provided support and assistance to the participants with their ideas and the problem. The event provided a 'Hack Shop' where individuals picked up sensors, hardware devices, electronics and a 3D printer to prototype ideas for better cities.

The final jury comprised of Professor Vasudeva Varma, Dean (Research), IIIT Hyderabad, Entrepreneur Ashhar Farhan and Karuna Gopal, President, Foundation for Futuristic Cities, and Dr U Chandrasekhar, Director, Engineering Staff College of India.



areas of solutions were around Traffic density based automated lights, Detect, notify and alerted road surfaces, Empower citizens with civic and urban support systems using data improving pedestrian safety and enabling a walk-friendly city, Helping emergency vehicles avoid traffic lives, Geo-based road repairs inspection tool to name a few.

Devthon co-founder Prashant Venkatasubban said, "We're excited Hysea and TASK have come together to partner the 14th edition of Devthon for the Metropolis Congress. I do believe such synergies are vital to nurture the innovation ecosystem in the region."



On the occasion Mr. Ramesh Loganathan, President – HYSEA and Managing Director – **Progress Software** said, "During this event many IT enthusiast groups and organisations like Startup Weekend, Hacker Mania, Start-Up Hyderabad, Weekend Ventures, Angel Hack Coding Saturdays came together. The skills utilized in Devthon are highly sought after by tech product companies and start-ups. We are excited to see the response of the



MINDS
HEARTS
HANDS

To make our
Cities World Class