



iWISDOM

NEWSLETTER



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Knowledge Expansion



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Shail Group of Institutions

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Indore Institute of
Science & Technology

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Indore Institute of
Management & Research

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Indore Institute of
Computer Application

P
Indore Institute of
Pharmacy



FROM THE EDITOR

It has been a pleasure to be associated with iiWISDOM, the newsletter of Shail Group of Institutions. The name of our news letter is akin to a self propagating unit to discover, enlighten, share and nourish wisdom. Dr Joy Banerjee, Director IIST has been regularly spreading the wisdom to the entire environment in all earnestness. In this edition of the news letter we have cherry picked some of the interesting ones. Beside transmission of the traditional wisdom, it also contains contributions of our budding poets and poetesses and an interesting article on Spiritual Fasting by Ms Bonani Dhar.

We invite all students and faculties to actively participate through articles & suggestions at newsletter@indoreinstitute.com

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Marching Towards Excellence

Indore Institute of Science and Technology has taken number of initiatives to bring in academic excellence by collaborating with various IITs and many reputed multinationals. The details are as under:

a. Virtual lab of IIT Delhi

IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. These labs will cover all basic branches of engineering and science.

Faculty from IIT Delhi had visited IIST to brief and train faculty and students on the Virtual Labs. Dr. Joy Banerjee, Nodal Coordinator, along with two faculty members of IIST had gone to IIT Delhi for training on operation of Virtual Labs. Subsequently our nodal center will organize workshops for students and faculty members of nearby institutions. Virtual Labs will enable the students to perform experiments remotely as an on – demand service over the web.

b. iPDC of IIT Kanpur

iPDC (i3indya Propeller Display Challenge) is a national level competition on Propeller Display Technology hosted by Techkriti 2015, IIT Kanpur with i3indya Technologies for the first time in India. Preliminary competition was conducted across 8 cities of India. IIST was the nodal center for Indore. Students of IIST were shortlisted and presented their project at IIT Kanpur during final event.

c. e-Yanta of IIT Mumbai

e-Yantra is a project, sponsored by Ministry of Human Resource Development (MHRD) in association with National Mission on Education through ICT (NMEICT). The project is spearheaded by IIT Bombay to spread knowledge Embedded systems and Robotics. e-Yantra Lab set-up Initiative (eLSI) supports the infrastructure creation at colleges by providing a platform for training teachers both in theory and applications of Robotics. IIST is the nodal center of the project in Indore. Students are being given hand-on training on embedded system and robotics.

d. QEEE of IIT Chennai

Quality Enhancement in Engineering Education (QEEE) programme of IIT Madras is an initiative of Ministry of Human Resources Development with the objective to bring out favorable changes in improving the quality of technical education. IIST is the only college from entire Madhya Pradesh who has participated in the programme with over 1000 students and faculty attending it on regular basis. Best of IIT Madras faculty had given training during the on going session. Many of our students have won prizes in the various competitions organised by the forum and received certificate for successful participation in the programme. IIT Madras has acknowledged IIST as the proactive member of the programme.

e. Spoken Tutorial of IIT Bombay

IIST is partner of IIT Bombay's free software Training in distance learning mode. The spoken Tutorial is a magical Audio Video teaching tool promoting ICT enabled learning. Though computer based, the learning and practice is completely offline once the courses are downloaded. Students can listen, pause, rewind, fast forward as per their progress and in an interactive manner. All Students are awarded certificates after training. Many software like Linux & Ubuntu, Scilab, Python, PHPMySQL, C, C ++, Java and Netbeans, Java Business Application, LaTeX and many more can be learnt using this tool.

f. Collaboration with NASSCOM

IIST has signed a MoU with NASSCOM (SSC NASSCOM) to launch the Global Business for Foundation Skills (GBFS) and Foundation Skills in IT (FSIT) program. The strategic alliance aims to offer GBFS & FSIT program to all undergraduate students as an add-on course to enhance the employ ability skills of these students. The MOU with SSC-NASSCOM includes . Global Business Foundation Skills (GBFS) 2.0 with the objective to facilitate the development of basic skills in students, to help enhance their employability at the entry level in the BPM companies and Foundation Skills in Information Technology (FSIT) to facilitate the acquisition of skills required in the IT industry today.

g. Visual Paradigm

IIST is a partner in the Visual Paradigm Academic Program of the US based company This is a design & management tool for business IT system development. Visual Paradigm is used to conduct teaching and learning of different UML, BPMN and SysML Models. Special focus is given to analysis and design phases of the student project.



Maha Kumbh Simhastha Begins at Ujjain



About 50 million people are expected to take holy dip in River Kshipra in Ujjain during the Maha Kumbh Festival of Simhastha beginning from 21 April ending on 22nd May 2016. Massive arrangements for Sadhus and other pilgrims to stay at Tents and in smaller and bigger hotels have been



Completed much in advance. The Government has pressed into action a huge manpower to ensure smooth celebration of the one month long function.

Kumbh Melas held every third year at one of the four cities at Haridwar, Allahabad, Nashik and Ujjain. Kumbh Mela is held in each of these four cities every 12th year. As the mythological history dates back, the traces of Kumbh Mela has been traced to the 17th Century, Persian Document, Khulasat-ut-Tawarikh by SujanRai. The credit of hoisting Kumbh Mela at Ujjain for the first time goes back to 18th Century by Maratha Ruler Ranoji Shinde, who invited to his kingdom. According to the Mahabharata, Ujjain is 3000 year old and was called Ujjani and was ruled by King Vikramaditya. Ujjain is called the city of "KAL" or Time and is unique as Jyotirlinga and Shakti Peeth are both located here indicating grand communion of Shiva and Shakti. Among 12 Jyotirlingas, Mahakal has been considered the Addi-dev of Ujjain. Hence, with such rich mythological background, Ujjain is now wholly prepared to welcome the Sadhus and other Pilgrims for the holy dip in River Shipra.

Simhastha is interpreted as the entrance of Jupiter into Leo or Simha every 12 year the Kumbh is held at Ujjain. The brief highlights of Government's preparation and other important details are given below:



- Rs, 3,092 Crores have been budgeted to be spent on the occasion. 19 km long pipeline has been constructed to ensure flow of pure water to the Ghats for bathing linking Shipra River to Khan River.
- A 50 layer GIS map has been prepared to facilitate monitoring of the Mela areas from the control room. A Mobile App with an emergency button is also being designed.
- 34,000 new toilets have been constructed to facilitate the huge gathering of pilgrims.
- Around 25,000 police jawans, have been deployed for round the clock monitoring and crowd management, 60 Labrador breed sniffer dogs and 85 horses will be used for patrolling.
- Administration have also decided to put up 55 temporary police stations, 230 watch towers, 130 pan-tilt-zoom cameras, 200 drop gates, 42 parking points and drone cameras to keep an eye during Simhastha.
- 650 CCTV Cameras are being installed at 134 points for monitoring and upkeep of law and order.
- 1 Lakh Liters of Milk and 40,000 kgs of Ghee is the projected sale per day at the Maha Kumbh.

Ujjain has mythological importance, located on the banks of Kshipra River had been centered on religious activities so far, but the phenomenal and well planned progress witnessed during the recent past has promoted its potential to a Smart City as Ujjaini has been shortlisted by the Government of India.



*Let's welcome
Simhastha the Maha
Kumbh of Faith.*





Amazing India & Amazing Indians



Times Now organized Amazing Indians on 14th January 2016, inviting Hon'ble Prime Minister Shree NarendraModiji to give away the awards to these Amazing Indians in recognition of their great achievements in the face of adversity. They all belong to humble backgrounds and have worked extremely hard to achieve what they wanted to.

Hon'ble Prime Minister Shree NarendraModiji, on 14 Jan 2016, Thursday gave away award to Amazing Indians who achieved outstanding results struggling through odds and huge barriers. He said it is the 'small' people who shape history and bring a change in society. "Why is it that a teacher who shaped many lives has no road or 'chowk' named after him or her whereas a corporator does?" the PM asked as he praised the role of ordinary people in shaping the society".

The Prime Minister said that people, whom society considers inferior, have contributed majorly to society and their contribution can't be forgotten. He said that people think that only if circumstances are ripe can one achieve success. He added that one needs a spark, a passion to defeat the odds and do extraordinary things.



Amazing India

India is an Amazing Country with its diversity in culture and people, its places from mountains to rives to sea shores, from its amazing caves, to religious and historical places, from its monuments to its glorious and largest democratic set up. The Times Now Program instills a pride in Amazing Indians of an

Amazing Country-India.



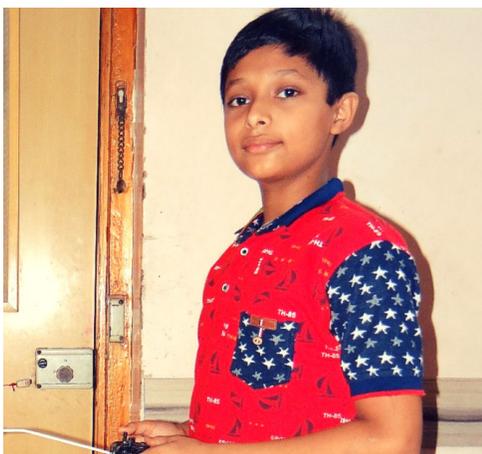
Some of the Amazing Indians

KartikWahi - Changing the face of agriculture

The farmers in Bihar could not exercise different cropping pattern due to paucity of water in the region. Looking at their condition closely, KartikWahi, a young social entrepreneur, decided to work towards solving their problem by providing solar powered water pumping solutions. He started Claro Energy which works towards providing a continuous supply of water to farmers through the solar pumps. Till date Kartik and his team have installed 1800 solar water pump facilities across 14 states and have ensured a continuous supply of water to farmers over an area of more than 20,000 acres for irrigation purposes. Through these solar pumps, more than one lakh farmers have changed their old farming practices that included heavy investment of diesel in water-motor pumps. This alumnus of Kellogg School of Management is truly changing the face of farming in the country.

LakhimiBaruah - Empowering women financially

At the age of 66 LakhmiBaruah, is providing women an opportunity to fulfill their dreams! She established the first all-woman bank in the northeast, in the Upper Assam town of Jorhat. With three branches in Jorhat and one in Shivasagar district, she has given more than 30,000 women a chance to grow and become financially independent. Baruah quit her secure job at a bank to establish her own and the Konoklota Women Urban Cooperative Bank opened its doors to its customers in 1998. Apart from providing small and secure loans to rural women, the bank also offers group loans to various self-help groups in order to instill in them the spirit of entrepreneurship.



VedantThaker - An innovator

Just 11 years of age and he is already an innovator, VedantThaker, a resident of Mumbai, has invented an LED light which is made out of discarded laptop batteries. Saddened by the state of power supply in his hometown, Vedant decided to put an end to the suffering of the people around and developed a portable LED light in 2014. This wonder kid has obtained a provisional patent for his innovation which will be live in a year. With a dream of becoming an engineer, Vedant hopes to enlighten many a lives.



Brian Jenkins- Educator with a difference

A British born social anthropologist Brian Jenkins has built a self-sufficient green school in the hills of Palani, Tamil Nadu. In the middle of this green lush terrain in Kodaikanal, The Sholaischool uses renewable energy to meet all its power requirements. Started in 1991, it offers a holistic approach to education with an emphasis on practical, hand-on learning. This is a stress-free school where there are no awards, no punishment, no exam fear, and no rat race. Affiliated to the University of Cambridge, the Sholai School provides an equal opportunity for everyone to come and learn. Nearly half the students in the school are from the neighboring villages and pay no fee. The remaining half are students of all nationalities from across the globe. Brian Jenkins is quietly redefining education in a small corner in the country.

ChintakindiMalleasham's is one incredible story. Born to a weaver in Nalgonda, as a young boy he saw his mother suffering as she had to weave Ponchampallysarees through a laborious process called Asu. This required her to move her hands 9000 times to and fro to make one such saree. This proved to detrimental to her vision and hands. And it was with the resolve to put an end to her sufferings and that of every weaver that Malleasham decided to come up with a solution. This class 6 dropout devised the electronic LaxmiAsu machine, one that put an end to the agony of the weavers and reduced the time taken to make one saree from 6 hours to 1.5 hours. A blessing for the weavers of Nagonda...Malleasham is a messiah who has transformed their lives!

The Selection Categories:

Prize Category for Amazing Indians

1. Unstoppable Indians
2. Grassroots Soldiers
3. Stree Shakti
4. Urban Crusader
5. Ordinary Indians; Extraordinary Stories
6. Global Indians
7. Spark the Rise
8. Educators of Indians
9. Eco Saviors
10. Incredible Innovations
11. Young Indians; Big Architects
12. Together We Can
13. Indians at Heart



Chintakindi- Malleasham: Innovators of India

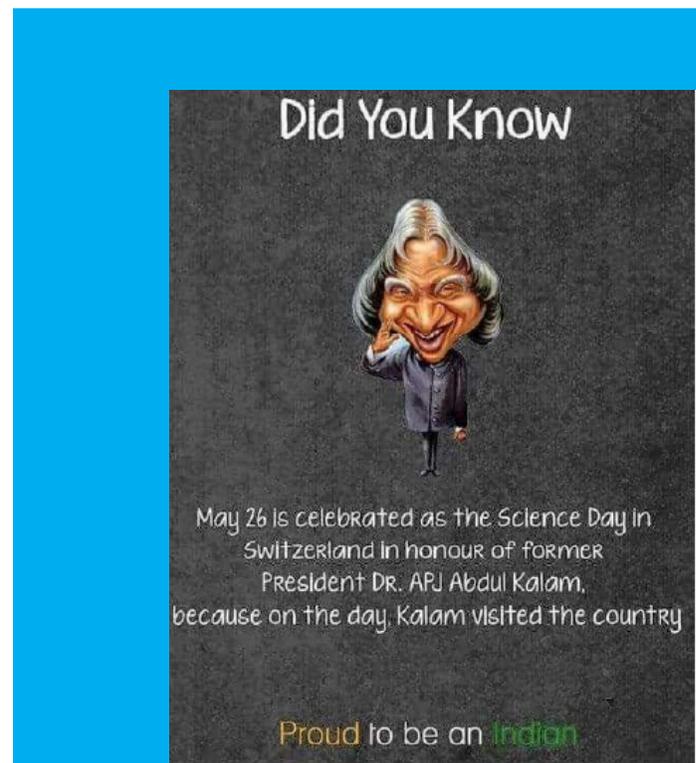


Hon'ble Prime Minister, Shri NarendraModiji, today gave away the "Times Now" Amazing Indians Awards 2016. The awards were given in recognition of great achievements in the face of adversity.

Speaking on the occasion, the Prime Minister said the awardees were people whose life journey had been like a diamond, that passes through great travails before being recognized and acknowledged by the world at large.

The Prime Minister regretted that in India, most of the narrative has been built around the lives of those in power, or the ruling class. Those who have struggled and achieved noble objectives, or served society, despite severe obstacles and adversity, are rarely recognized and celebrated, he added. The Prime Minister said that today in India, a teacher who might have inspired hundreds of young children to become responsible members of society, often remains unnoticed and unheard, while even a relatively junior political functionary is feted.

The Prime Minister said that the world over, most of the great achievers have been those, who overcame personal hardships, or difficult circumstances, and yet contributed to society. Reflecting on Indian history and mythology, the Prime Minister gave several illustrations from the Ramayana and Mahabharata, and recalled the PanjPyaaras, and the brave Maratha warriors who were part of ChhatrapatiShivaji's army.





Spiritual Fasting

A Means to Human Quality Enhancement

Life is a complex process and passes through many ups and downs clouding our minds with a high degree of stress, draining out our positive energies. Have our lives become like conveyer belts where we have not much control over our deeds or instead, we reflect patterns of the insane culture in which we live. And so we have millions of teenagers trying to find themselves in fashion, music, and subcultures. Growing up without identity, introducing Generation X. Cappuccino or espresso, cherry-red or turquoise, ranch-style or split-level, liberal or conservative, little empty circles of self-expression that ends in a spiritual vacuum. We see many persons slipping into depression, into hollowness, into meaningless living.

Today's generation is desperately trying to find a new spiritual identity. (We may or may not admit that) We have surrounded ourselves with a plethora of techno-gizmos that furnish an illusion of being in control. The feeling of mobility provided by computers, TV and internet are able to hide the powerlessness we have over our own inner will and emotions. This impression of power is a well-contrived veneer, hiding the uncontrollable storms of the soul, storms, fed by emptiness, hopelessness and depression that plague a cold super-computer world.

On the other hand we see numerous people making wealth through unfair means, running after material comforts in life without any limits. We also see examples of unlimited greed in form of Bank defaulters and others who cheated on public money for their own greed. There is no end to it.

So where is your line in the sand of wilderness of the world?

We have had numerous literatures on Meditation, Yoga, spiritual pursuits to calm down the mind and body, to look within and be composed. We practice many forms of prayers and even rituals to take our minds off from stress. We also restore to fasting for days as part of our religious rituals for self-purification and to de-stress ourselves. Fasting is a knife that cuts away superficiality, getting to the bone. Effective, because it is able to break up daily patterns upon which you have become so dependent. When those patterns of pleasure are removed, you are left with your own internal resources. If those resources are bankrupt, then during fasting, you will come face to face with a vacuum that only God can fill.

Fasting accomplishes two purposes. First, it reveals how much the flesh has taken control of your emotions. And secondly, it serves in breaking the flesh's hold upon the will. Fasting invariably brings to the surface deep seated fears which affect thinking and decision-making. It does this by challenging that complex human instinct called self-preservation.

The Physical fasting is simply a restraint from eating physical food: physical detachment. All religions have advocated Material Fasting; but the greater detachment is the spiritual fast: detachment from all desires of the self. Spiritual fasting has been practiced by saints over ages, detaching themselves from the material gains, aiming at spiritual gains. We have the example of Lord Buddha and Sri Sri Ramakrishna Parmahans in the recent past, who practiced spiritual fasting by detaching themselves from the worldly comforts in pursuit of the divine light. However, in day to day life for the common human beings, it may not be possible to stay away from home and family, from job or from any other work that brings them their livelihood. In such case how this can be practiced?



Spiritual Fasting is staying away from the GREED, in very simple terms, being with your value system. Greed that we see in many forms, people trying to accumulate for themselves and for their younger generations in form of houses, properties, wealth and material goods, which fulfills their ego and puts up a show of ornamentation but the hollowness within is neglected. Hence, it is imperative that, in the career building race we do not tend to neglect the health of our INNER SELF and ensure that the inner vacuum does not take place. The very indicator of inner illness is expression of frustration, suffering from a degree of insecurity. Our disturbed mind finds its expressions through our insane behavior, misbehaving with our parents, spouse, friends' etc. which is an outburst of our depressive status of mind. Let's resolve this and take control of ourselves.

Practicing Spiritual Fasting may look harder to attain, but abstaining from greed is the first step as Mahatma Gandhi showed us the path. He too practiced and advocated the concept and said, 'there is enough for everyone's needs but not for greed'. You may not have time for practicing various religious rituals in your busy life schedule but try to achieve higher spiritual goals by cleansing your mind and keeping away from the temptations of all kinds. You may try meditation in any form which will cleanse your mind. Even giving water to a thirsty person is a form of meditation, when spirit is involved in a good deed.

Spiritual Fasting is simple, if you open up your mind and develop empathy towards the needy. Giving and sharing, understanding and responding to another person will help you reach a stage of perpetual happiness, happiness from within your inner self.

Bonani Dhar
Development Sociologist & Human Resource Specialist
Ex-World Bank & UN



Cup of Coffee

"Happiness... is not a destination: it is a manner of traveling. Happiness is not an end in itself. It is a by-product of working, playing, loving and living." - Haim Ginott

It sat with my friend in a well-known coffee shop in a neighboring town of Venice (Italy), the city of lights and

water. As we enjoyed our coffee, a man entered and sat at an empty table beside us. He called the waiter and placed his order saying, 'Two cups of coffee, one of them there on the wall.'

We heard this order with rather interest and observed that he was served with one cup of coffee but he paid for two.

As soon as he left, the waiter pasted a piece of paper on the wall saying 'A Cup of Coffee'.

While we were still there, two other men entered and ordered three cups of coffee, two on the table and one on the wall. They had the two cups of coffee but paid for three and left. This time also, the waiter did the same; he pasted a piece of paper on the wall saying, 'A Cup of Coffee'.

It was something unique and perplexing for us. We finished our coffee, paid the bill and left.

After a few days, we had a chance to go to this coffee shop again. While we were enjoying our coffee, a man poorly dressed entered. As he seated himself, he looked at the wall and said, 'One cup of coffee from the wall'.

The waiter served coffee to this man with the customary respect and dignity. The man had his coffee and left without-paying.

We were amazed to watch all this, as the waiter took off a piece of paper from the wall and threw it in the dust bin. Now it was no surprise for us – the matter was very clear. The great respect for the needy shown by the inhabitants of this town made our eyes well up in tears.

Ponder upon the need of what this man wanted... He enters the coffee shop without having to lower his self-esteem... he has no need to ask for a free cup of coffee... without asking or knowing about the one who is giving this cup of coffee to him. He only looked at the wall, placed an order for himself, enjoyed his coffee and left.

... probably the most beautiful wall you may ever see anywhere...!!!



GREEN CITIES



Hyderabad Clean City (Husain Sagar Lake and its surrounding Garden Areas)

Green Cities are the cities of 21st Century equipped with ‘Green Energy”, recyclable waste management systems, roof top gardens, city wood lots, No Plastic and clean rivers, fresh air and Organic Food. Switching off lights at the “Earth Hour” and switching off the engine of your vehicle at the crossing has become the norm along with paperless offices, potted plants in the houses and offices, gardening habits inculcating among kids etc. are a part of lifestyle in urban areas but we still are to pick up cycling & walking as a green habit and require adequate infrastructure for many such initiatives. A proper city planning is the necessity and pre-requisite, with expanded roads, Public Transport System, side-walks for walking pedestrians, Cycling Tracks for safe biking, facilities for Kids in form of play grounds for them and infrastructure for physically challenged would complement the needs of today’s population in a city. We have some fine examples in India and countries the world over:

Another green cities leader is Reykjavik, Iceland, where hydrogen-powered buses ply the streets and renewable energy sources - geothermal and hydropower - provide the city's heat and electricity. London, Copenhagen, Sydney, Barcelona, Bogota and Bangkok, not to mention Sweden's Malmo, Ecuador's Bahia de Caraquez and Uganda's Kampala, also score high for their green attributes and attitudes.

Green cities abound in North America, too. In 2005, Portland, Oregon became the first U.S. city to meet carbon dioxide reduction goals set forth in the landmark (if ill-fated) Kyoto Protocol, an international agreement forged to mitigate the threat of global warming. Seattle, Washington also committed to meeting Kyoto's goals and has persuaded 590 other U.S. cities to do the same under the U.S. Mayors Climate Protection Agreement. And Vancouver, British Columbia draws 90 percent of its power from renewable sources while its metro area boasts some 200 parks and more than 18 miles of accessible waterfront.

San Francisco is a leader in green building, energy efficiency and alternative energy, and has been on the forefront of the battle to reduce plastic usage. Austin, Texas is fast becoming a world leader in solar equipment production and has made great strides in preserving open space. Chicago has invested hundreds of millions of dollars revitalizing its parks and neighborhoods, and has built some of America's most eco-friendly downtown buildings. It is also working to provide affordable clean power to low- income families. Of course, many would argue that New York City - with its densely packed housing, reliance on mass transit and walking, and recent green policy moves by Mayor Bloomberg - may be the greenest of all.





Greening Efforts in Hyderabad City

This picture above is of Hyderabad Husain Sagar Lake and its surrounding garden areas in Hyderabad. During Chandrababu Naidu's Chief Minister ship in undivided Andhra Pradesh, Hyderabad was declared "Clean City" for three years. Its Lakes were cleaned up with a grant from Government of Netherlands. The method implied was; (a) dredging; (b) commissioning of Sewage Treatment Plants, (c) letting the treated waste water flow back to the lake, there by cleaning the lake over a period of time, (d) greening of surrounding areas; (e) Community Counseling for keeping the areas clean and not throwing garbage into the lakes. These Lakes were earlier choking due to garbage dump, stinking with filthy surroundings, weeds growing and mosquito breeding grounds, unhealthy for people.

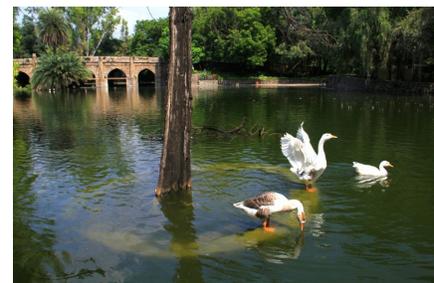
As a result, the Lakes became areas for recreations, picnics, paradise for morning walkers and Joggers, birds started nestling and the areas became clean and green. There are many lakes in the city of Hyderabad and they were dug up for irrigation purposes, but due to rapid urbanization, the lakes lost their purpose and became filthy over a period of time. Now these lakes are beautiful picnic stops, hibernating and nesting destinations for many species of birds, people are enjoying walking, jogging and spending time with their families.

City Parks

Park are the "lungs of the city," architect Frederic Law Olmsted famously said about New York's Central Park. From the 500-year-old GiardinodellaGuastella in Milan to downtown Houston's new Discovery Green, parks provide both a place for harried city residents to take a deep breath, relax, and connect with nature, and a cooling counter to the heat-island effect created by all that asphalt. (Not to mention a buffer against flooding.) Green space has even been shown to improve urbanites' physical and mental health

Rock Garden, Chandigarh - Aath Pula bridge, built from the time of Akbar, in LodhiGarden, New Delhi

The Rock Garden inChandigarh, has been made with waste materials in an effort to show, how waste materials can be put to good use. Lodhi Garden in New Delhi is built around the historical monuments from the SikanderLodhi's era, with contributions from Akbar (Ath Pula the small bridge over canal connecting Yamuna in those days), and the British. Parks add to the beauty and greenness to a city together with leaving oxygen for its citizens. Birds of many species find these gardens a happy place.



Mayor's initiatives in Greening a City

Not every city official is going to be a "knight on a shining bicycle" like London Mayor Boris Johnson, who stopped an assault as he was cycling by. But government officials such as Atlanta Mayor Shirley Franklin, former Austin Mayor Will Wynn, and the city council of Marburg, Germany, are heroes in their own right for cleaning up their cities' sewer systems, promoting wind power and biodiesel, and making solar installations mandatory on new and renovated buildings. An active citizenry provides leadership from the ground up to prod or encourage politicians in the right direction.





Green roof on a building in Denver, USA. Showcase developments that seek to be the biggest, tallest, fill-in-the-blank-iest green building may get flak for their aesthetics or be seen simply as "window dressing" for governments and corporations seeking some green cred. But as long as they're not all a city's doing, a prominent, striking eco-friendly structure such as the San Francisco Federal Building or the green roof on Chicago's city hall provides a very visible symbol of green intentions and draws attention to the latest technologies. The Green Rooftops need a bit of specifications for protecting the roof from leaking or seepage in longer term. The diagram below specifies the details: More Green Roof Tops means, more pollution is soaked through and more oxygen is released in the air, purifying it, besides it is soothing to the eyes as well, when you take a stroll on the roof top after long hours of sitting at the



work station.

Waste Management

Volumes of waste grow with population pressure. A city needs a meticulous planning to manage waste, both solid and liquid. Garbage in a city if is not managed and is allowed to be collected, it can take the shape of a hill, like you see on the top left. Waste Management gone through a lot of research and waste is segregated at source in cities. In cities like

Washington DC two types of Garbage cans are supplied to each house hold, one for recyclable waste and the other for non- biodegradable waste. These cans are emptied on separate days by separate groups of people and are also managed separately. All tree & garden wastes are turned into pulp and then sent for composting. Water in Hotels etc. are all recycled and no untreated waste water is allowed to come into the rivers. No garbage is allowed to be thrown into the rivers. The greenest city initiatives are going further than gathering cans and bottles, by adding electronics and food waste to the list of items recycled and composted, and by instituting larger-scale programs to recycle water for industrial use.



Cycling is a Green activity Perth, Australia- Amsterdam, Netherlands

Cycling activity in Vancouver

Cycling is a green activity as it is healthy as well as it does not emit any pollution like cars, buses and motor bikes. However, it requires a proper infrastructure in a city with separate tracks for cyclists for their safety and for easy moving of other traffic along with enforcement of wearing of head gear as a safety measure. This is also a matter of attitude as populations must not think that cycles are meant for poor people who cannot afford a bike etc. A public education with promotional activity can make this a success in a city in making it greener.





Planning a City a part Delhi planned by Lutyens during the British period.

These are pictures of Planning a city well means the concept of space is reflected well along with its housing, distance to offices, population growth rates, recycling of waste as well as waste water, use of green energy in its public transport and private vehicles, preserving of city gardens, woodlots etc. Sir Edwin Lutyen planned Delhi during the British period with a concept of space and greenery around with low rise buildings with a population of 9,00,000 which has now swelled to 13 million. The city's growth has to be in coordination with the population growth providing infrastructure, water, sewage, electricity and housing with adequate cleanliness, natural light and clean air.

To create a Green City the following may be kept in mind: Committing to green. First, a city needs to declare its intentions. Words matter. In particular, the city or county council needs to officially adopt a clear statement of green principles or guiding philosophy. It then needs to begin living by that statement in the face of inevitable obstacles and challenges. It needs to use its bully pulpit to move the private sector and residents, and go through planning processes, pass appropriate ordinances, and implement policies that will change the way everyone does business and makes everyday decisions.

Building green refers to officially requiring highly rated green buildings across all municipal functions and public spaces, from schools to city hall; it also refers to either requiring some level of green building for all new private construction or, at the least, promoting it with incentives and assistance for private sector action. Buying green means greening the city's supply chain, from paper and cleaning products to cars and trucks for the municipal fleet.

1. Powering green is about energy efficiency and responsibility. To the maximum extent possible, the municipality should purchase its own power needs from renewable energy suppliers, and with incentives should encourage the local private sector and residents to do so as well. It should also provide residential energy audits and, perhaps through bulk purchasing agreements, help connect businesses and citizens to high-efficiency equipment, appliances, and fixtures for their homes and offices.
2. Conserving (and creating internal) green landscapes is essential. Farms, forests, open range, natural stream valleys, and the like surround every urban area. It is not a sustainable practice to allow them to be swallowed up by the unimpeded outward march of suburban and ex-urban sprawl. To the extent the municipality has political control over such outer areas, it should act to conserve them with strong zoning and conservation easements. If it does not have such control, the local government should seek regional cooperative action with its neighboring jurisdictions to try to accomplish these same ends. Such action could even go so far as formally cooperating to share a proportion of revenues across a region to help compensate for the potential loss of taxable properties by one community, while tax



revenue-producing land uses go to another. By the same token, cities and urban counties need to create and maintain green space within and throughout their urban and suburban centers, including trees and green space for recreation, cooling, stormwater management, and simple aesthetic enhancement and livability.

3. Protecting water quality and quantity. Useable green space and green infrastructure that mimics natural areas' ability to infiltrate rainwater runoff can do double duty to help protect water quality. So can steps like increasing an urban area's tree canopy, mandating the buffering of streams with trees and plantings, and making sure that both redevelopment and new building meets high stormwater management standards.
4. Water conservation is also important. A community can mandate water-conserving appliances and fixtures and water-conserving landscape practices, as well as effective water harvesting and re-use. It can even protect the watershed around its drinking water supply, and in so doing avoid the millions of dollars necessary to heavily treat its drinking water, transport it from afar, or compete with other users for it.
5. Locating green: creating a compact, walkable, interconnected, mixed-use community. These are the watchwords for designing how a community develops and matures, so that daily activities don't always require a car ride and lots of space-wasting parking. Such designs encourage healthy lifestyles, with the ability to serve many daily needs by walking or biking. Such development patterns can also help keep a community economically vibrant. Essentially, this is the opposite of developing sprawl.
6. Moving green: diversifying transportation and increasing accessibility. The transportation sector gobbles huge amounts of fossil fuels and emits greenhouse gases and several health-affecting air pollutants, while the runoff from streets and highways is contaminated with basic water pollutants and toxins. As cities become more walkable, land uses more mixed, destinations more interconnected (rather than disconnected, as has been the late 20th century development pattern of many places), and densities (even moderately) increased, cars become less necessary and transit becomes a real option.
7. "Accessibility" is a key word here, because the true goal of systems like transportation that connect isn't necessarily easier mobility but easier accessibility to goods, services, and other people. Indeed, accessibility can, for some purposes, replace mobility – even accessibility via fast, modern, fiber-optic internet connections. Building expensive, new or expanded highways is applying a 20th-century solution to 21st-century realities. With walkable neighborhoods, shorter driving distances, and advanced technology, highway-building can move from the automatic default of state and local government to the truly extraordinary option.
8. (Not) wasting green: getting to zero on the production of waste. Cities and urban counties regularly wrestle with solid waste issues: expensive municipal landfills that are not functioning well environmentally and are filling up; expensive waste-to-energy plants that they need to keep feeding. But what if the production of waste got reduced, and then reduced still further? What if municipal recycling were taken to the next level, to the point of sorting, recycling, or re-using almost everything in the waste stream – including compostable waste – that many western US cities already handle quite well? These would be excellent objectives for which a city could aim. Right now, many cities are unofficially competing for being the greenest, promoting their own assets along the way. Chicago and Washington, DC have built hundreds of thousands of square feet of green roofs, and Toronto is one of the few cities which requires them. Nashville has a terrific new zoning code that promotes sustainable design. Philadelphia and the City of Lancaster, Pennsylvania are moving forward with multi-million dollar green infrastructure plans to help solve their combined sew-



er overflow and stormwater problems – and attain other good ends. Olympia, Washington wants to be the greenest city in America, incorporating many of the features noted above. (It even has a neat policy and incentive program for converting a good part of its several thousand septic systems to the use of the more environmentally efficient sanitary sewer system.) Yet more cities are going green. Missoula, Montana has an ambitious carbon neutrality action plan in place. Vancouver, BC has tried hard to make its compact urban form a part of a sustainability signature. Kaid also has written before about localities like Rockford, Illinois that are creating sustainability plans and using a variety of criteria to measure their progress. There are other world cities, in the meantime, where biking and walking predominate, solar energy and wind energy provide a substantial amount of their energy needs, or other major green initiatives are taking shape.

This is all to the good, and hopefully, more cities will undertake more of these efforts, comprehensively. Cities and urban centers, where the majority of us now live, can have a substantial effect on how well we thrive in the future, how we affect our climate, and whether precious water resources will be there when we need them. Sustainability to me means not diminishing the future for the present. Cities can get there. But it does take intention and real work to be green; it's not easy. While our cities like the Delhi-NCR, Kolkata and Mumbai are reeling under excessive air pollution, solid waste and other pollutants making the city inhabitable, we see Green Cities the world over and learn from them as to what is the concept of a Green City and what have they done to achieve the high standards of cleanliness.

If switching off for Earth Hour or turning off your engine at the traffic signal is your only 'green' contribution, you need to rethink. A growing number of Hyderabadis are fast switching to a sustainable organic lifestyle that's a notch higher than the regular 'no plastic' mantra. Hyderabad's green tribe now boasts of individuals who buy and consume only organically-grown vegetables, communities that take pride in rainwater harvesting projects, MNCs where employees take up vegetable gardening and upmarket eateries that use only antibiotic and pesticide-free vegetables, eggs and meat. Narayan K Murthy, of Good Seeds, which organises organic bazaars in the city, reveals that the footfalls at the bazaars increase with every passing month. "Apart from that, a group of city schools and an international institute in Gachibowli have allotted space on their campuses for growing organic products." Meanwhile, MNCs and f&B majors in the city too seem to be gung ho about this green movement. NG Jayasimha from Humane Society International, informs that large MNCs, star hotels and a few standalone restaurants are now beginning to use eggs from cage-free poultry farms. "In India, more than 200 million egg-laying hens spend their lives crowded in battery cages and these account for about 80 per cent of egg production. The EU is phasing them out and there will be a total ban by 2012. People who consume caged birds' eggs have a risk of being exposed to salmonella. Here in Hyderabad, the cafeteria of a leading MNC and an upmarket restaurant owned by a T-wood star, already use cage-free poultry eggs," says Jayasimha.



College Campus- A true Teacher.

The huge college gate at the entrance
Teaches me to cross the lane, and
“Enter into a new world of change”.

The huge trees at the borders of campus
Teaches me to grow high, and
“Work hard to touch the sky”.
The food spot near the D-Block
Teaches me to serve others, and
“Vanish the killing hunger”.

The sports complex above the canteen
Teaches me to work with the team, and
“Achieve the dream”.

The auditorium, both in A and C Block
Teaches me to build confidence, and
“Create questions to rise”.

The central Library at the centre of college
Teaches me to climb up the stairs, and
“Grab the everlasting flair”.

R Archana Nair
BE(2nd year- IT)



"गुरु की महामि "

सूरज से नकिली करिणे मेरी आँखों में समा गयी,
मुझे आज गुरु की महामि याद आ गयी ।

जसिने अज्ञानी को ज्ञानी बनाया,
जसिने अँधेरे से उजाले में लाया,
जसिने ज्ञान से वज्ज्ञान बनाया,
जसिने इंसान को वैज्ञानिक बनाया,
जसिने धरती से आकाश को मलिया।

ना कोई तस्वीर ना कोई कहानी है,
ना कोई जंजीर ना कोई नशिनी है ।
गुरु का धरती पर होना इत्तेफाक नही हो सकता,
यह तो कुदरत की हम पर कोई मेहरबानी है ॥

गुरु की महामि ने आज हम सब को जगा दिया,
अज्ञानी को ज्ञानी बना दिया,
यू तो है बहुत शषिय,
लेकनि आरुणिकलव्य की भक्तने,
आज हमे गुरु का वर्णन बता दिया ।
कस्मित पर एतबार कसिको है,
मलि जाये गुरु का ज्ञान इंकार कसिको है ।
गुरु के बनि यह जगत अधूरा है,
मलि गुरु का साथ तो ये जीवन पूरा है ।
गुरु के ज्ञान का ना कोई आकार है,
गुरु की महीना अपरमपार है ॥

by SHUBHAM DASHORE
IIP 3rd YEAR



ज़िन्दगी में इंसान की महत्ता

ज़िन्दगी जब मलती है एक ही बार, व्यर्थ इसे तुम करो मत !
बनो परश्रमी और खुदादर , पीछे कभी तुम हटो मत !!

कभी न करो चापलूसी किसी की , खुशामद कभी तुम करो मत !
कर सको तो करो भला तुम, पर किसी से जलो मत !!

न करो जलद भरोसा किसी पर , धोखा किसी से करो मत !
करे जो कोई बुरा तुम्हारे, बुरा उसका कभी तुम करो मत !!

ईश्वर उसको देख रहा है, तुम व्यर्थ चिंता करो मत !
बस काम करो ईमानदारी से अपना , और किसी से डरो मत !!

Prepared By: Vishal Puranik
(Assistant Professor, IIP)

वो लम्हे जो मेरी ज़िन्दगी के अनमोल पल बन गए

वो लम्हे जो मेरी ज़िन्दगी के अनमोल पल बन गए
वो लम्हे जो गुजरे हुए कल बन गए ।
काश इन लम्हेहो को फरि से जी पाती
वो लम्हे जो मेरी आँखों के जल बन गए
आँखों में सपने और दिलि में अरमान लिए
इस सफर में चल पड़े बनिा किसी का साथ लिए
रस्ते में कुछ नए चेहरों से मुलाकात भी हुई
वो लम्हे जो मुझे चाहने वाले बच्चे दे गए
वो लम्हे जो न भुला पाने वाले बच्चे दे गए
इस सफर की शुरुवात हमने २०१२ से की थी
शान से आप सबके साथ कतिनी सारी बाते की थी
जदिगी के उन पलो को हमने साथ जयिा था
जनि पलो ने खुशी और गम दोनों दयिा था
वो लम्हे जो लौट के नहीं आ सकते
वो लम्हे जन्हा हम चाहा कर भी नहीं जा सकते
वो लम्हे जो धुंधली याद बन गए
वो लम्हे जो एक यादगार कतिब बन गए

नेहा गुप्ता
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