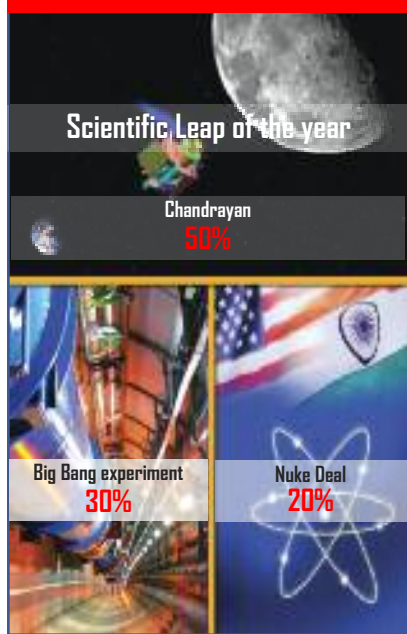


Poll by AIS Gur-46, Vasundhara, ED & PV

POLL OF THE YEAR



Vasudha Projects reach nationals

Vasudha, marked the first school level initiative of Children's Science Congress in the history of 16 years of NCSC with 15,348 children from 10 schools of Amity displaying approximately 1700 projects with scientific observations, analysis and ideas to protect our planet. The best projects of Vasudha represented at Amity, were then exhibited at various levels of NCSC, winning laurels all the way. For the first time, as many as five select projects sailed through district and state levels to participate at the National level Children Science Congress to be held at Dimapur at Nagaland between 27th to 31st December 2008.

Senior Category

- **Solar Desert AC** prepared by Group Leader Sparsh Agarwal along with team members Vikalp Aggarwal, Amogh Sharma, Sidhant Panda and Sanskriti Srivastav of AIS Saket under the guidance of their teacher Alka Saxena.
- **A Self-Sustaining Household Model for Electricity Generation and Waste and Water Treatment** prepared by Group Leader Sargam Hans along with team members Arnimal Kaul, Yashvi Malhotra, Samya Taneja and Aneesha Kaul of AIS Noida under the guidance of teacher Vishakha Garg.
- **Medical Waste Management** prepared by Group Leader Prapti Alok

along with team members Shruti Kumari, Chhavi Garg, Sehaj Shukla and Harshit Singhal of AIS Vasundhara under the guidance of Veena Misra.

- **Household Green Energy Plant** prepared by Group Leader Ayush Sachdev along with team members Soha Chhaya, Kunal Ratan Arora and Karan Vaish of AIS Gurgaon (Sec- 46) under the guidance of Charu Maini.

Junior Category

- **Save Fuel** prepared by Group Leader Aditya Mathur along with team members Sarthak Agarwal, Rakshit and Yaduwanshi of AIS Gurgaon (Sec-43) under the guidance of Reena Gupta •



Gift happy!

Pranjal Jain
AIS Pushp Vihar

Ever wondered why you can't wait to rip open your birthday gifts in a frenzy of excitement at midnight, while your parents seem content to let the presents they receive on similar occasions to wait till later the next day?

The reason boils down to the manner in which the ageing brain handles rewards, according to scientists at the US National Institute for Mental Health. They have discovered that a chemical in the brain governing the delivery and feelings of reward is altered physically as a person grows old. The findings help to explain



Science Digest

why we kids find it almost impossible to contain our excitement when gifts are exchanged, whereas our older siblings are less excited about gifts.

"Knowing how key brain circuits change as one gets older may help researchers to solve the public health challenge of ageing successfully," The Independent quoted Karen Berman, a scientist. The results could also lead to new treatments for conditions caused by defects in the brain. So if you find older friends not jumping with joy at the gift you brought them, it's not that they don't like it; you can blame their ageing brain. •

Attitude determines (Contd pg 1)

Shubham Mukherjee

How can media contribute in the times of recession?

By writing facts, ie, what is actually taking place in the global arena and suggesting ways to tide over the crisis outlining where to invest prudently. Doesn't media hype exaggerate facts during crisis?

Media is a reflection of the society and if the denizens of society handle crisis in an irresponsible manner, the same is reflected by the media.

At a time when the entire world is reeling under recession, what career can one choose?

Recession is not going to last any longer than two years. Insurance, Telecom and Entertainment sectors would be least affected and continue to grow despite the recession.

Ms Poonam Singh Jamwal

With the onslaught of technology, do you think that the student-teacher relationship is slowly dissolving? Technology comes and settles. Old things continue to stay; just that the



users get new choices with time. Technology in education brings out the element of choice, but teachers teach human interactions and values, which no technology can erase! I remember when the internet age arrived with a bang, everyone quickly wrote off the fate of newspaper industry. But that didn't happen. Everything creates its own space and evolves with time. I think it is the best time for the print media right now! •

(Inputs from Nikita Kapoor, AIS Pushp Vihar; Divya Vishwanath, Deeksha Sharma, Mallika Khera, Ruhi Kumar & Niharika, AIS Noida)

Winning projects

Challenge Junk Food- Ruchi Avtar, AIS Vasundhara: "The survey helped me know exactly how much junk food is a family consuming and how badly it is affecting everyone."

Child Labour- Akhil Bharadwaj, AIS Saket: "I was appalled to find that the child labourers at Greater Noida didn't even know that they weren't supposed to work!"

Road Rage- Ashima Khanna, AIS Noida: "The best thing to do when one comes across a road rage case, is to mobilize people instead of trying to sort out things all alone."

Girl Child- Purushottam Sharma, AIMC Manesar: "We have pledged against dowry as the first step to safeguard a girl's future."

Bell the bully- Satrajit Sahani, AIS East Delhi: "From my survey, I concluded that bullies are victims of circumstances, not choices."

Firing Smoking- Utkarsh Rathi, AIS Pushp Vihar: "Bans suppress the urge of the youth, this leads to curiosity and breaking of laws."

Senior citizens- Procheta Chattaraj, AIS Gur-43: "Educated sons leave their parents to live with their wives. The problem is not due to lack of education, but excess of it."

Towards literacy- Sayesha Bhattacharya, AIS Gur-46: "The project opened my eyes. I plan to start a mobile school for the underprivileged with the Resident Welfare Society's help."

Be the change, bring change

Tulika Banerji

ANN

"The world's biggest power is youth."

-Chanakya

Youth Power 2008-09, an initiative of The Global Times, began the search for true leaders who bring about positive changes in the social milieu. The hunt with the theme 'Be the Change, bring change', that commenced in April '08 with the participation of 400 students across Amity schools in Delhi and NCR, culminated with the invigorating Grand Finale on 25th Nov '08, at Amity University, Noida.

Post rigorous eliminations comprising group discussions, leadership tests and challenging mind games through July to October, 8 finalists competed for the title of 'Youth Envoy of the Year'. Youth Power Grand finale offered them a dais to interact with iconic achievers like Santosh Yadav, the only woman to climb Mt Everest twice; Punya Prasun Bajpai-Consulting Editor, Zee News; Shubham Mukherjee- Editor, Sunday Economic Times and Poonam Singh Jamwal-CMO Extramarks.com. A melodious rendition by students of Amitasha, the educational wing of Amity for the underprivileged girl child, followed by lighting of the ceremonial lamp by the guests heralded the stimulating event.



The finalists viz. Purushottam Sharma (XII, AIMC Manesar), Utkarsh Rathi (VIII, AIS Pushp Vihar), Satrajit Sahani (IX, AIS East Delhi), Procheta Chattaraj (IX, AIS Gur-43), Sayesha Bhattacharya (VIII, AIS Gur-46), Akhil Bharadwaj (XI, AIS Saket), Ashima Khanna (XII, AIS Noida) and Ruchi Avtar (VI, AIS Vasundhara) had selected social issues like junk food challenge, road safety, child labour, etc. and worked on them for a stipulated period of one month,

YOUTH POWER 2008-09

Youth Power was a simple contest to urge the students to involve themselves beyond the pages of the newspaper.

which they showcased as presentations. They underwent a grueling question answer session with judges Shubham Mukherji and Poonam Singh Jamwal. Reminiscing her own days of struggle,

Padmashree Santosh Yadav recalled, "I did not let the hardships of my upbringing in a fairly conservative family to deter my ambition in any way. High time the society changed its outlook towards girls!" Punya Prasun Bajpai reiterated the importance of learning in a person's life, "One must always ask questions; how much you learn depends on the kind of questions you ask." He urged them to broaden their outlook by involving themselves with activities outside the

school and immediate family. Founder President Dr Ashok K Chauhan added another dimension to the newspaper by launching the website www.theglobaltimes.in to a thunderous applause. "Youth power, if guided in the right direction can change the country and the world," he said and announced the launch of "Amity Institute of Mountaineering and Adventure Sports". Chairperson Dr Amita Chauhan lauded the efforts of The Global Times team for organising an event of such magnitude adding, "Youth Power was a simple contest to urge the students to involve themselves beyond the pages of the newspaper." Ruchi Avtar stole the show as 'Youth Envoy of the Year' and was awarded a trophy and Sony 7.2 mega pixel camera. The first runner up Akhil Bharadwaj from AIS Saket received a trophy and Britannica Encyclopedia CD while Ashima Khanna, second runner up from AIS Noida was awarded a collection of titles by Dr APJ Abdul Kalam. All others received 2 GB Moser Baer pen drives and participation certificates. All the finalists are Youth Envoys of their respective schools and the torch bearers of a new and brighter tomorrow. They shall continue to further the cause they have taken up, in their schools and surroundings. •

"Dear teachers, May 2009 adorn your lives with sweet memories. May all the dreams in your eyes & the desires in your heart give you the most spectacular New Year!" Pallavi, AIS Saket

Therapeutic cloning

Get happy!

Pranjal Jain

Rumia Chatterjee
AIS Vasundhra

Cloning is the process of creating an identical copy of a living being. It may be an organism or cell (cell cloning) or DNA fragments (molecular cloning).

Cloning is used by researchers in Human Genome projects, where scientists use technology to multiply a single common ancestor gene, cell or an organism.

Therapeutic cloning refers to a particular procedure which produces cells, specific body parts and organs to be utilized for medical purposes. The ability to clonally derive tissues and organs would abolish the need for immunosuppressive drugs and allow patients to live life without the side effects of drugs.

Therapeutic cloning, also called 'embryo cloning', is the production of human embryos for use in research. The goal of this process is not to create cloned human beings, rather, harvest stem cells that can be used to study human development and treat diseases.

Stem cells are important to biomedical researchers as they can be used to gen-



erate virtually all type of specialized cells in the human body.

Scientists hope to do it by a process, where DNA would be extracted from the body of the person in need of a transplant, and inserted into an enucleated egg. After the egg containing the patient's DNA, starts to divide, say in five days, embryonic stem cells that can be transformed to any type of tissue can be harvested. The stem cells would be used to generate an organ or tissue that is a

genetic match to recipient. The cloned organ would be transplanted into the patient without the risk of tissue rejection. If organs can be generated from cloned human embryos, the need for organ donation could be significantly reduced. Therapeutic cloning technology is a subject of much active research.

Some day, it may be used to produce whole human organs from a single cell or at least, produce healthy cells that can replace damaged or degenerated cells

tube lights and bulbs, use lesser energy, are eco-friendly and have a longer life span . ●

Rumia Chatterjee
AIS Vasundhra

E-mail writing is methodical and time-consuming, a closer relative to letter writing than to conversation. Even the delivery speed of e-mail—sure, it takes only a few seconds—is now considered frightfully slow.

As is well known, most teens are signed in to IM or Facebook from the time they get home from school until they are told to turn off the computer. When everyone's online, they never have to leave the company of their pals.

I think we all agree.....
E-mail,
R.I.P.

Clones of each other/
Cloning therapy

The death of E-mail

Trend



Tamanna Dhawan
GT Reporter

In the past few years, everyone I know has become an Internet convert. Gone are the conventional ways of correspondence and letter writing has almost become extinct. I use the term extinct as literally there are just a bunch of people who still believe that a letter should be on a piece of paper. People older than 25 can't imagine a life without e-mail. For the new 'Facebook' generation, it's hard to imagine a life of only e-mail, much less a life before it. But now, e-mail is also looking obsolete. Almost all Web-using teenagers prefer to chat with friends via instant messag-

ing rather than e-mail. As sites like Orkut and Facebook have become more popular, those old Yahoo and Hotmail accounts are catching dust. 'You're not cool if you're not on Facebook' is the mantra of the Gen-X.

From our perspective, we would never send an e-mail to 200 friends saying, "Exams have finished, Yay!" But with a Myspace or a Facebook status update, we can broadcast such a message to all of our buddies in an instant. It's also speedier to exchange IMs amongst friends. If we then need to tell those friends how awesome they are for joining us, we just post a message on our Facebook or MySpace page so the world can see.



Are human truly
intelligent?

Sakshi Goel
AIS Sec 43 Gur

As I pour over magazines and articles about the latest developing technologies and innovations, I begin to wonder... "Is the so-called Human Intelligence which has been the inventor of so many scientific and technical approaches and innovations, which has been considered the best living mind, truly intelligent?" I mean, although we have succeeded in creating new devices and machineries to fulfil all our luxuries and comforts, we have destroyed the very place on which we live- Mother Earth. Everyone is aware of the terms- Global Warming, Greenhouse Effect, Deforestation, but few have taken steps to create awareness or reduce these.

No doubt, our ancestors could not get any of the comforts as compared to the present-day society, but they undeniably led a lesser strenuous life and also enjoyed the exquisiteness of nature. This intelligent mind of ours is so bright and gifted, that it is destroying whatever is actually necessary for us. USA-one of the most developed and popular nations of the world, actually releases 25% of the world's Carbon-dioxide, and contributes the lion's share in increasing Global Warming. The National Science Congress has been introduced in many