

Techno Fest 2006 - Global

Techno Fest is an annual interschool Technology competition hosted by Indus International School. Last year over 15 prominent schools from Bangalore city participated and made it a grand success. Mr. Kumar Malavalli flew down from the US to be our chief guest. M/s. AMD and Acer sponsored the show and marked their name into our festival, with the rolling trophy. This year we are taking-up Techno Fest on an international scale with the following objectives.

Techno Fest 2006 (Global) Objectives

- **To extend the vision of our school**

To prepare 21st Century Citizens, possessing a strong sense of community with an International perspective, citizens of the world, who think globally and act locally.

Indus International School

- **International Baccalaureate**

To form part of the IB CAS encouraging students to share their energies and special talents while developing awareness, concern and the ability to work cooperatively with other schools across the world.

*The concept of "Global Learning Communities" has become a popular trend in education. Students at INDUS like to create and sustain the communities of learners. We would like to make **TECHNO FEST** part of the IBO's collaborative learning to encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.*

IBO

- **To help popularize UN Millennium Goals**

"We will have time to reach the Millennium Development Goals – worldwide and in most, or even all, individual countries – but only if we break with business as usual.

We cannot win overnight. Success will require sustained action across the entire decade between now and the deadline. It takes time to train the teachers, nurses and engineers; to build the roads, schools and hospitals; to grow the small and large businesses be able to create the jobs and income needed. So we must start now. And we must more than double global development assistance over the next few years. Nothing less will help to achieve the Goals."

*United Nations Secretary-General
Kofi A. Annan*

- **Global Warming**

Human activities inflict harsh and often irreversible damage on the environment and on critical resources. If not checked, many of our current practices put at serious risk the future that we wish for human society and the plant and animal kingdoms.

World Scientists

Techno Fest (Global) – Competitions / Events

Offline Competition

1. Web page designing
2. Cartoon Animation
3. Digital Collage
4. Logical Programming
5. Technology Quiz
6. Technology Debate
7. Photography Live Model

Each school will be represented by 2 students. Each student will take part in any 2 events consisting of 50 points each. A total 4 events per school which amounts to 200 points. In the photography cultural representation for 50 points both will take part.

Outstation Students: Participation, Food, Accommodation, Local Pickup & Drop will not be charged. International students, Visas & tickets will have to be borne by the participant / school / sponsor.

Online Competition

| Event | FTP | Zip & Email |
|-----------------------|--------------------------------|-----------------------|
| Web page designing | Will be mailed to participants | wpd06@indusschool.com |
| Photography Real Life | | prl06@indusschool.com |
| Digital Collage | | dc06@indusschool.com |

Any number of students can participate with a nominal registration fee of \$10 of per event. All proceeds will be given to the UN.

Students can choose any of the UN Millennium goals / Global Warming that centers around global issues and make a research study and express their thoughts through (Web, Photography or Digital Collage) and upload the file or send a zip file as an attachment.

Fusion – International Mix

Instrumental Group Fusion: a collaborate learning exercise where students from different school will form a group, write out a song on the UN Millennium goals, compose for music and make a musical presentation. Special prizes will be award for this.

PROGRAM DETAILS

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| Program Date | 17 November 2006 (Friday) |
| Time | 9 a.m to 5.30 p.m |
| Venue | INDUS INTERNATIONAL SCHOOL Billapura Cross, Sarjapur, Bangalore-25 |
| Phone | 91-80-22895923 91-80-78237888 |
| Contact Person | Mohan Robert (HOD ICT) |
| Fax | 91-80-7823850 |
| Email id | mohan.robert@indusschool.com |
| Event Sections | <p>Section 1 – 9.00 to 10.00 - Arrival, registration and Principal's Address</p> <p>Section 2 – 10.00 to 12.00 - Events</p> <p>Section 3 - 12.00 to 1.00 - Lunch</p> <p>Section 4 - 1.00 to 3.00 - Events</p> <p>Section 5 – 3.00 to 4.00</p> <p style="padding-left: 40px;">Presentation of all prize winning entries</p> <p style="padding-left: 40px;">Prize distribution</p> <p style="padding-left: 40px;">Chief Guest's address</p> <p style="padding-left: 40px;">Vote of Thanks</p> |
| Outstation Students | <p>(Accommodation, Food, Pickup & Drop will not be charged)</p> <p>Thursday 16th November 2006</p> <ul style="list-style-type: none"> • All arrivals before 6 p.m *** • Registration & settling down • 6 p.m to 9 p.m – Inauguration • Accommodation Sharing with our boarders <p>Friday 17th November 2006 Refer to event section.</p> <p>Saturday 18th November 2006 Bangalore Site Seeing.</p> <p>Sunday 19th November 2006 *** Departure</p> |
| Transport | Students / Schools within Bangalore city will have to organise their own transport |
| Equipment | All equipments will be provided by the school. |

OVERALL PRIZES (Offline)

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| 1. | Rolling Trophy | Overall school performance |
| 2. | Laptop | Overall Champion |
| 3. | Video Camera | 2 nd Overall Champion |
| 4. | Digital Camera | 3 rd Overall Champion |

EVENT PRIZES (Offline)

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| 5. | Play Station Portable | 1 st Prize |
| 6. | iPod | 2 nd Prize |
| 7. | 40 GB External USB Hard disk | 3 rd Prize |

PARTICIPATION

All participants will be awarded with a certificate and a memento.

ONLINE EVENT PRIZES

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| 8. | USD 300 | 1 st Prize |
| 9. | USD 150 | 2 nd Prize |
| 10. | USD 75 | 3 rd Prize |

Event Description

1. Web designing

Creativity is a gift, and those who can unleash it effectively are worthy of praise. These awards are established to recognize young individual artists and graphic designers, who value the art of visual communication on an ongoing basis, through fair judging criteria by design professionals.



Students can collect information from the Internet & Library and design the website by blending text and graphics using software like Front Page, Dream weaver and HTML. Optionally, students are allowed to use Java Script, Flash and PhotoShop. This even tests web authoring and design skills of the students.

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| Topic | UN Millennium Goals / Global Warming | |
| Duration | 2 Hours | |
| Software provided | FrontPage, HTML, PhotoShop, Flash, Internet | |
| Guide Lines | <ul style="list-style-type: none">▪ HTML standards▪ Novelties▪ Get to the point▪ Avoid overdoing it | <ul style="list-style-type: none">▪ Keep it fresh▪ Layout / design▪ Browser neutral▪ Graphics quality▪ Total page size |
| Judging Criteria | <ul style="list-style-type: none">▪ Development process▪ Data Collection▪ Live Photographs▪ Framing & Writing | <ul style="list-style-type: none">▪ Design skills▪ Layout▪ Navigation▪ Images |

2. Cartoon Animation



The history of animation and animated cartoons began in the earliest days of the silent film and continues through the present day. The Internet and computers have added a new dimension to animation and cartooning, with software that allows anyone to be able to make a cartoon or animation and a place to showcase or use the product.

Students will create the character as a sum of broken-down parts, and then assemble those parts for animation in Flash. The animation or cartoon may be created on any topic of interest. It should have an educational or instructive purpose.

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| Topic | UN Millennium Goals / Global Warming |
| Duration | 3 Hours |
| Software provided | Flash Adobe PhotoShop Adobe Image Ready Internet |
| Hardware provided | Computer, Scanner, Digital Camera |
| Guide Lines | Character sketches / references / story board / Music sample / Clips and photos can be sourced before hand. The following need to be worked on at the venue: <ul style="list-style-type: none"> ▪ Adding Colour Effects ▪ Animating the Drawings ▪ Moving along a Path ▪ Advanced Animation using Frames ▪ Adding Sound & Music |
| Judging Criteria | <ul style="list-style-type: none"> ▪ Originality ▪ design elements ▪ Storyboard ▪ Technology ▪ Ability to meet deadlines |

3. Digital Collage (Business Advertisement)

Explore the art of combining image, texture, color and form, using simple yet digital tools. View the sample collage work printed below (both digital and non digital) by established artists, and develop skills using Photoshop, flatbed scanners and inkjet printers. Points will also be allocated towards resolution, color management, the use of service bureaus, and alternate output options.

Please bring a zip disk, CD-R, or CD-RW, and an assortment of items to scan (for ex: photos, wallpaper, cloth, small flat objects).



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| Theme | UN Millennium Goals / Global Warming |
| Duration | 2 ½ Hours |
| Software provided | PhotoShop |
| Hardware | Scanner Digital Camera Internet |
| Guide Lines | You need to form a collage using pictures from the Internet, Pictures scanned from books, Photos taken, using digital camera and your illustrations, using Photoshop. All these need to be put together using Photoshop, and the final output to be printed in color. |
| Judging Criteria | Visual Appeal Copy, Graphics Cooperative Skills Evaluation Internet, Email Fonts, Background Text Treatment Explanation in diary |

4. Logical Programming



Students will be have to write a program to solve 2 problems out of a choice of 3 problems. The programs should be created using programming languages such as BASIC, C++, Java and VB.

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| Software provided | Basic C++ Java Visual Basic |
| Duration | 2 Hours |
| Judging Criteria | Use of arrays Coding Style Output Result |

5. Debate on Technology



Each school will be represented by 2 students, one will speak for the proposition and the other against. Each speaker will get a time limit of 3 minutes plus one bonus minute. Participants will be judged on content, clarity expression, argument and diction.

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|---------------------------|--------------------------------------|
| Topic | UN Millennium Goals / Global Warming |
| Duration of debate | 1 Hr |

6. Technology Quiz



This quiz includes questions on Technology, particularly product and process technologies of great relevance to India, and her stature as a nation, with immense talent and potential for the use of technologies for holistic development. There will be a preliminary round, of which the best 8 teams will be chosen for the finals. The final round will comprise oral, audio and visual and a speed and buzzer round.

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| Topic | All Technology oriented questions |
| Duration | 1 Hr |

7. Live Model Photography

Dynamic Digital Advertising uses human models to aid the marketing of products and services in commercial photography. A live model can be shown enjoying culinary creations, bringing a sense of warmth to an industrial scene or demonstrating a process or service. You can use expert lighting equipments and techniques to shoot high-quality model photography whether in-house or on-location.

The primary objective of this event is to have a cultural representation of your country. (If you are not familiar with photography you can make use our school photographer).

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| Topic | UN Millennium Goals / Global Warming |
| Equipment Provided | Digital Camera, Lenses, Meter Reading & Lights will be provided by us. Students can also bring their own equipments. |
| Duration | 20 Minutes (Stage Setup and Shoot) |
| Guide Lines | Live Model Photography One student will be the photographer and the other will be the model |

8. Instrumental Group 'Fusion'

International mix: You will be meeting students from all round the world. Mix around with them find, the required talents, form your own group, create your own song on any UN Millennium Goals / Global Warming, compose a music and play. The best song will be chosen to play on local media.

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|-------------------------|--|
| Topic | UN Millennium Goals / Global Warming |
| Team | Form your own team with a mix or friends you have made during Techno Fest. |
| No per team | 2 to 6 |
| Instruments | All Instruments will be provided by us. P.A System will be provided. |
| Instructions | <ul style="list-style-type: none">All music should be played live. |
| Judging Criteria | <ul style="list-style-type: none">Selection of musicStage presentationClarity & Expression |