

IRIS 2009 RESULTS

NATIONAL WINNERS

Awards for National Fair Winners:

- **Certificate & Trophy**
- **Class mate PC** - Intel-powered classmate PCs are education and student friendly PCs which include practical, education-oriented features that improve the learning experience.
- **1 year Subscription to Scientific American** - It is a window on the emerging trends and opportunities in science, technology and business. More than 120 Nobel Laureates have written for Scientific American.
- **2 years Subscription to Safari Magazine**
- It is an innovative monthly that provides young readers with a wealth of General Knowledge covering a wide breadth of subjects like Natural Wonders of the world, Animal and plant life and Great inventions and discoveries.



NATIONAL WINNERS- INDIVIDUAL CATEGORY

| Project Code | Project Title | Participant | School |
|---------------------|---|--------------------|--|
| Botany-06 | Investigation Of Anti - Microbial Properties Of Ervatamia coronaria Flowers | Kaushik Srivatsan | J N V, Mandya, Karnataka |
| Botany-07 | Investigations On Growth Stimulating Activity Of Datura stramonium & Embelia ribes In Crop Plants | Shireen Jaiswal | Centre Point School, Nagpur, Maharashtra |
| Chem-02 | Approach For Carbonaceous Nano Material Synthesis From Soil Sources And It's Application | Aritra Chowdhery | South Point High School, Kolkata, West Bengal |
| Maths-02 | An Improved Tool For 'n'-Secting an Angle | Abhiroop Lahiri | South Point High School, Kolkata, West Bengal |
| Physics-06 | A Study on the Reflection Of Electromagnetic Waves From two Reflection Type Diffraction Gratings | Sourav Sarkar | Ramkrishna Mission Vidyalaya, Narendrapur, West Bengal |

NATIONAL WINNERS- TEAM CATEGORY

| Project Code | Project Title | Participant | School |
|---------------------|---|--|---|
| Engg-13 (Team) | Climbing Chair | R Lakshmi, Vibha Suresh | V V S Sardar Patel High School, Bangalore, Karnataka |
| Engg-14 (Team) | Design Of A Low - Cost Single - Shot Hypodermic Syringe | Anarta Roy, Manosij Ghosh Dastidar | South Point High School, Kolkata |
| Env Sc-13 (Team) | Eco Friendly Particle Board Made From Agricultural Waste Using Natural Binder Derived From Spoiled Garlic | Ankur Kanjibhai Vaishnav, Hetal Kanjibhai Vaishnav | Shree P V Modi School, Rajkot, Gujarat Shree G K Dholakiya , Rajkot, Gujarat |

SUBJECT CATEGORY WINNERS

Awards for Subject Category Winners:

- **Certificate & Medal**
- **1 year Subscription to Scientific American** - It is a window on the emerging trends and opportunities in science, technology and business. More than 120 Nobel Laureates have written for Scientific American.
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| Project Code | Project Title | Participant | School |
|-------------------|---|---------------------------------------|--|
| Bh Sc-03 | An Investigation and Solution of the Atto-Fox Paradox in the Lotka Volterra Equations Through Recursive Programming | Ankit Kaushik | FIITJEE Junior College, Hyderabad, Andhra Pradesh |
| Botany-08 | Leaf Extract Of Clearodendrum Inerme (Forest Jasmine) A Potential Pesticide | Sharanappa Kallappa Kadabinakatti | Jawahar Navodaya Vidyalaya, Gadag, Karnataka |
| Maths-04 (Team) | Multipurpose Equation Adjoining Music & Mathematics | Vishal Midya, Kaustav Das | Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata, West Bengal |
| Engg-16 (Team) | Stop Reuse Save Life A New Model Of Disposable Syring | Saptarshi Mitra, Krishnendu Chowdhury | Dum Dum Kishore Bharati, Kolkata, West Bengal |
| Physics-05 | A Novel Cow - dung Based Microbial Fuel Cell Using Inexpensive Proton Exchange Membrane And Graphite | Vishnu Jayaprakash | Chettinad Vidyashram, Chennai, Tamil Nadu |
| Zoology-03 (Team) | Effect Of Castor Oil On Growth of Helicoverpa armigera | Diksha Gupta, Lakshmi Arora | Maharaja Agarsain Public School, New Delhi |

SPECIAL AWARD

Awards for this category:

- **Certificate & Medal**
- **2 years Subscription to Safari Magazine**
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|----------------------|--|--------------------------------|---|
| Comp Sc-04 (Team) | An integrated approach to human-computer interface | Anuj Bhardwaj, Ankush Gupta | Delhi Public School, R. K. Puram, New Delhi |
| Bio-Chem-02 | Bioplastics From Banana Flower Skin /Stem | Keerthana Devarajan | Modern English School, Mumbai, Maharashtra |
| Chem-03 | To study the efficiency of various vegetable dyes for synthesizing solar cells | Jigyasa Mishra | Modern English School, Mumbai, Maharashtra |
| Engg-05 | 3-D Screens | Ashwin Gandhi | Army School, Kota, Rajasthan |
| Engg-11 | Sea Waves Energy | Rutvi Merja | Shree G K Dholakiya School, Rajkot, Gujarat |
| Env Sc-09 | One step Gold Nanoparticle-Based Sensing and Removal of 'Silent killer' Heavy Metal ions | Aneesh Pasricha | The Shri Ram School, New Delhi |
| Env Sc-10 | latex of calotropis gigantea as natural fungicide | Raj Geriya | Shree G K Dholakiya School, Rajkot, Gujarat |
| Maths-03 | Spidrons | Vidya Ramaswamy | Kensri School, Bangalore, Karnataka |
| Physics-07 | Increasing The Life Of A Burning Candle | Manjunath Chatti | Jawahar Navodaya Vidyalaya, Koppal, Karnataka |
| Physics-08 | Squeezing The Cotton Cloth : Drying Faster Or Does it Harm the Cloth? | Sarangamath Sangamesh | Jawahar Navodaya Vidyalaya, Koppal, Karnataka |
| Engg-10 (Jr) | Mechanical Water Level Controller System | Jay R Kagathara | Shree G K Dholakiya School, Rajkot, Gujarat |

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| Physics-01 (Jr) | Investigation of a configuration of magnets used as a spring | Devavrat Kulkarni | Kendriya Vidyalaya No 1, Colaba, Mumbai, Mahar |
| Physics-03 (Team) (Jr) | The Best Oil For Lamp | V Supriya, Dharani Palani | Z P H School, Kuppam, Andhra Pradesh |