SRISTI *YuvaYantriki* Award (Young Technologist Award)

SRISTI has been thinking about linking talent of more than six lac technology students with the needs of small sector, informal sector innovators at grassroots and other disadvantaged sections for over a decade. National Innovation Foundation did receive such entries in the early years but realized after two years, that it should not deal with ideas/ innovations from formal sector students and professionals. Reason was not to get distracted from the needs of informal, unorganized sector. SRISTI introduces the awards for ideas/innovations by engineering and other technology students with larger social purpose. It is proposed to launch techpedia.sristi.org, a portal with the help of Honey Bee Network volunteers in different colleges to pool tech projects of students from all over the country. TePP program from DST/DSIR and Computer Society of India, Mumbai chapter, are also likely to support the search process for innovations by young technical minds. Readers are requested to join the movement to blend formal and informal science and technology, a goal pursued by the Honey Bee Network for last twenty years. Entries for SYYA09 will be accepted till August 30, 2009 so as to award them on Oct 15, 2009. Next phase for 2010 will start from October 09 onwards till Aug 2010. Ideas/ Innovations/ Projects which address societal needs, convert creative children's ideas into products, add value to grassroots innovations, help in conserving nature, serve disadvantaged social groups, sectors and regions, and generate employment/ overcome poverty would be considered under this award. An eminent jury of social technologists from within India and outside would judge these submissions.

Accident Detection and Rescue System (ADRS)

FIRST: *Valampuri.L, M Sri Hari Kumaran, R Suresh Kumar, Panimalar Engineering College, Chennai, Tamilnadu.*

A low cost device model which detects an accident and automatically sends signal to the nearest hospital for immediate rescue services. The model is based on GSM mobile phones.

Crack Preventing Shell for RCC Rods

SECOND: *Aparna T A, Institute of Higher Technology, Chennai, Tamilnadu*

Shells with fins and foam, fitted to the ends of steel rods used in construction of houses. These prevent corrosion and provide space for thermal expansion, preventing cracks.

Automated Support Surface to Prevent Pressure Sores

THIRD: *Parthiba Rajan, Rajalakhsmi Engineering College. Chennai, Tamilnadu.*

A bed with a new design, which reduces pressure on the skin surface and increases air circulation for preventing bed sores.

Consolation

Easy Pouring Squirt Free Pouches for Liquids

Anathan TA, Chennai, Tamilnadu

A pouch that prevents squirting of liquid when the pouch is cut. A corner is extended to form a snout, which can be cut to pour out the liquid. It also has

depressions to accommodate fingers and facilitate easy holding.

SOLAC

Venkatesan V, R Vinod Kumar, R. Sudharshan, Rajalakhsmi Engineering College, Chennai, Tamilnadu

A device that uses solar heat energy to produce a refrigerating effect.

FALAB - Fully Autonomous Library Arranging Robot

M C Srinath, Raj Kamal Jain, S Jayaram, Vijay Kumar,NMJEC, Chennai, Tamilnadu

An automatic robot, that would detect a book that is placed out of its respective rack and put the book back in it.

Pledge for Youth: Dr A P J Kalam

Learning gives creativity
Creativity leads to thinking
Thinking provides knowledge
Knowledge makes you great
Righteousness
Where there is righteousness in the heart
There is beauty in the character.
When there is beauty in the character,
There is harmony in the home.
When there is harmony in the home.
There is order in the nation.
When there is order in the nation,
There is peace in the world.
Courage
Courage to think different,
Courage to invent,
Courage to travel on an unexplored path,
Courage to discover the impossible,
Courage to combat the problems
And Succeed -
Are the unique qualities of the youth.

23rd Shodhyatra (29th May 2009 to 2nd June 2009)

Phangia, Ratanmahal, Dahod District, Gujarat to Bhabra, Alirajpur District, Madhya Pradesh

The 23rd Shodhyatra will commence from Ratanmahal in the Dahod district. It has a famous sloth bear sanctuary. The yatra will traverse through hills and jungles, pausing at villages, hamlets and will proceed towards Bhabhra covering approximately 100 kilometers in five days. The shodhyatra route is inhabited primarily by various tribal groups like Rathawa, Nayak, Bhil, Bhilala, Patliya. Bhabhra, where the Shodhyatra culminates, is the birth place of the famous freedom fighter, Chandra Shekhar Azad. **For more information contact**: SRISTI - 079 2713293, 09227461139 www.sristi.org email: honeybee @sristi.org