

Project by students of C. K. Pithawalla College of Engg. & Tech., Surat is awarded with National level 2nd Gandhian Young Technological Innovation Award (GYTI)

National level 2nd Gandhian Young Technological Innovation Award (GYTI) function was scheduled on 25th March 2013 at RJM Auditoriam, IIM, Ahmedabad. GYTI awards were presented by Dr. R. A. Marshelkar (Chairperson, National Innovation Foundation, India) along with Shree Illaben Bhatt, Honorable Dr. Akshay Aggarwal (vice Chancellor, Gujarat Technological University, Ahmedabad) and Prof. (Dr.) Anil Gupta (Professor, IIM, Ahmedabad). Award nominations were invited in three different categories namely; (i). More from Less for Many, (ii). SRISTI Socially Relevant Technological Innovation and (iii). Strategic Innovation and/ or technological-edge. Only final year projects work of Degree Engineering, Degree Pharmacy and Applied Sciences (Nano technology and Bio technology) students were eligible for nomination for GYTI. **Project entitled “Electronic Support System for Physically Disabled (Deaf and Dumb)” submitted by Margi Joshi, Vishal Patel, Chirag Patel and Jay Patel of Electronics and Communication Engineering department of C. K. Pithwalla College of Engineering and Technology, Surat, Gujarat is awarded with 2nd Gandhian Young Technological Innovation Award in category of SRISTI Socially Relevant Technological Innovation. There were total 958 nominations from 110 universities from all over the India. Total four projects from GTU affiliated institutes in Gujarat are awarded by national award during 2nd GYTI.**

In this project student have developed Gesture Vocalizer which is a large scale multi-microcontroller based system being designed to facilitate the communication of deaf and dumb people with normal people. Developed system can be configured to work as a “smart device” which converts some specified hand movements into human recognizable data and displays it in digital form and as a voice output. Presently communication between deaf and dumb people with blind people is almost impossible. Developed system will be helpful to establish a link for communication between deaf and dumb people and blind people. Student is carrying out project under the guidance of Prof. Dipti Patel, Asst. Professor, ECC

department at C. K. Pithawalla College of Engineering & Technology, Surat, Gujarat.



GYTI Award ceremony (from left to right Vishal Patel, Jay Patel, Dr. Dr. R. A. Marshellkar, Shri Illaben Bhatt, H'ble Dr. Akshay Aggarwal, Margi Joshi, Chirag Patel)