



SBIT

ENGINEERING TOMORROW

Shri Balwant Institute of Technology

NCR Delhi, Sonapat
Approved by AICTE, Min. of HRD, Govt. of India and DTE, Govt. of Haryana
Affiliated to DCR University of Science & Technology, Murthal, Sonapat



SB Centre of Excellence



Students of Shri Balwant Institute of Technology, Sonapat have come with one of the latest developments in field of Science and Technology, **the DTMF Cyborg Roadster**. Gaurav Yadav, Nidhi Sharma and Priya Sehrawat, all fourth year Computer Science & Engineering students at the Institute have come up with a robot aimed to create an **eco friendly and human saving project**. Main aim is to control DTMF Cyborg Roadster using **DTMF technique**.

This Robot has a complete metallic body along with the flap that helps it to climb the stairs and makes it better for use on both plains and as well as on stairs. It has a RF Camera with 30 feet range which is placed in the front of the Robot and also a 360 degree rotatable platform that helps one to put cell phone on it and allows it to receive the Live Footage through 3G technology. There is also a Gun placed over it which has a laser focus and a mounted camera which helps in shooting the target properly. This Robot also has a claw that can pick objects. The Robot is completely controlled by a mobile phone that makes call to the other mobile phone attached to the Robot. In the course of the call, if any button is pressed, tone corresponding to the button pressed is heard at the other end of the call. **This tone is called Dual Tone Multi Frequency tone (DTMF)**. Using DTMF code direction of motion of the robot can be controlled by mobile phone.

The major purpose of this project is to reduce the risk of life of humans at border or any other place which are prone to terrorist attacks, to help the people to effectively maintain the security of their home even when they are not at their place. People can also maintain their electrical gadgets which means they can also be turned on and off easily without being at home.

SBIT Students Develops DTMF Cyborg Roadster

Meerut Road (Pallri)
Sonapat (NCR Delhi) - 131001, Haryana
Tel. : 0130 2340237, 2340896, 2340897
E-mail : info@sbit.in | Website : www.sbit.in