

6th Gear



Innovation & Entrepreneurship Development Centre
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Ruchir Kanakia (Director)
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Product : **Fatigue Detector**

(Automated Driver Fatigue Detection System)

6thGear was established in the year 2010 by the promoters Ruchir Kanakia, Shivani Nadkarni and Anasree Chatterjee at Innovation & Entrepreneurship Development Centre, Sardar Patel Institute Of Technology, Andheri(West), Mumbai.

The premier product of the company is the 'Fatigue Detector'. It essentially is an accessory to be fitted onto the dashboard of the automobile and it records and evaluates the alertness of the driver depending on his rate of eye blinking and yawning and other facial expressions of the driver. This product is aimed at detection of fatigue with multiple conditions evaluated in the driver's behavior. An alarm system is installed in order to alert the driver in cases when fatigue is detected.

The biggest plus point of the company is its exposure to cutting edge technology which can be implemented to increase the efficiency of the system. A research team is constantly working on newer techniques and the management team handles the logistics, marketing and finances.

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