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Third Eye for Blind Persons

Tejashree Jain, Diksha Deore, Gayatri Mandlik, Sanskruti Khairnar
Students, Department of Electronics and Telecommunication Engineering,
Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India
Corresponding author. **Prof. R.E.Potdar**

Abstract: *Vision is a precious gift, but many people suffer from vision impairment. According to the World Health Organization (WHO), 2.2 billion people have some form of visual disability. These individuals often face challenges in daily life, especially in moving around safely. The Third Eye for the Blind is a wearable device designed to help visually impaired individuals navigate independently. It uses ultrasonic sensors to detect nearby objects and obstacles. When an object is detected, the device alerts the user with beeping sounds or vibrations. The closer the object, the stronger the vibration and the faster the beep.*

Keywords: Vision Impairment, Third eye for blinds, Wearable device, Ultrasonic sensors, Obstacles detection, Safe navigation