

# **A LITERATURE SURVEY ON OBJECT TRACKING**

**SHUBHAM SRIVASTAVA & MS. PRATIBHA SINGH**

M.E. (Digital Instrumentation) Institute of Engineering and Technology D.A.V.V Indore, Madhya Pradesh, India

## **ABSTRACT**

The goal of this article is to review the state of the art of tracking methods, classify them into different categories, and identify new useful tracking methods. Many difficulties arise in object tracking due to camera motion, occlusions, non rigid object structures, abrupt changes in the appearance patterns of both the object and the scene, therefore object tracking is a challenging problem. In this paper we present different object representations, their detection and categorize different tracking methods on the basis of the object and motion representation used.

**KEYWORDS:** Contour, Motion Detection, Object Detection, Object Tracking, Shape Features