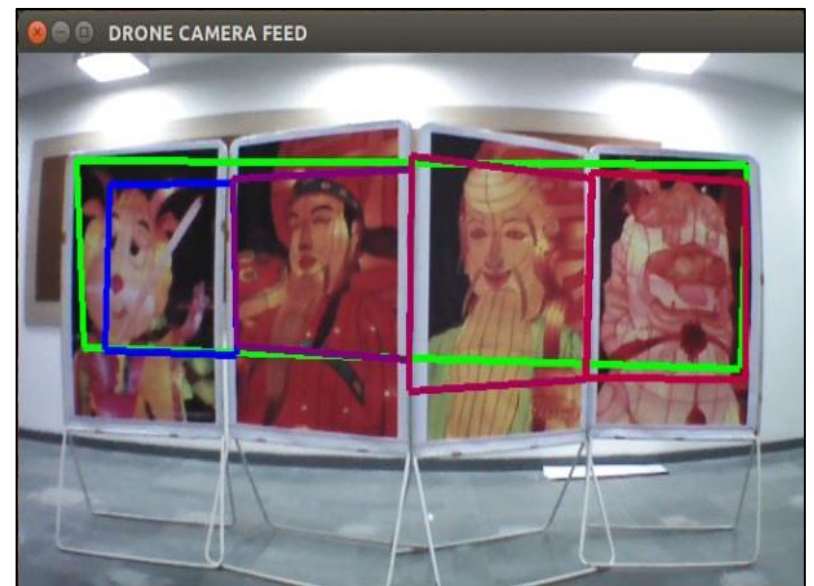**Multiplanar scene**

**Area of Interest selected by User and Detection of multiple planes**

**Output panorama from smartphone**

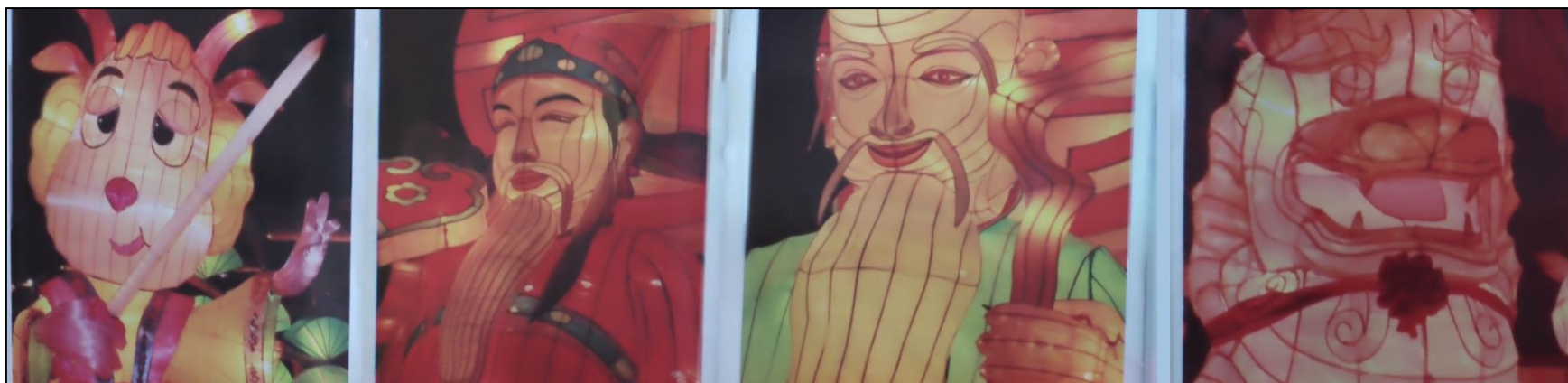**Output from this paper**

**(a)**

**(b)**

**(c)**

**(d)**