BEST: International Journal of Humanities, Arts, Medicine and Sciences (BEST: IJHAMS)
ISSN (P): 2348-0521, ISSN (E): 2454-4728
Vol. 4, Issue 1, Jan 2016, 107-112
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A SURVEY ON CRATER DETECTION ALGORITHMS

ANISHA RAVIKUMAR J[1] & DHANYA SREEDHARAN[2]

[1]Sree Buddha College of Engineering, Pattoor, India

[2]Sree Buddha College of Engineering, Pattoor, India

ABSTRACT

Impact craters are the geologic structures formed by the collision of meteoroids, asteroids or comets with planetary surfaces. Craters are common features on the surface of planetary bodies such as earth, moon etc. in the Solar System. In Moon, Mercury, or Mars we can see abundant of craters. Now-a-days many missions are launched to unknown planets to know about the life on planetary surface. The craters are studied more because craters are vital feature to estimate the age of the planetary surface. To detect craters manually is difficult and time consuming task. As there is a large volume of data from different satellite images and extracting efficient information from every image is a difficult task. There are different automatic and semiautomatic techniques to overcome this problems. In this survey I am going to discuss about the different techniques used for the crater detection and compare the efficiency of the techniques

KEYWORDS: Impact Crates, Crater Detection Techniques