**ABSTRACT**

Labeling is one of the research Side in Graph theory. In this paper Considering only a finite undirected graph with neither loops nor multiple edges. Let G=(V,E) be a simple graph and be a bijection. For each edge uv, assign the label 1 if is even and the label 0 otherwise. *f* is called the even sum cordial labeling if where and denotes the number of edges labeled with 1. Some new graphs like H-graph, Fire Cracker graph, Tadpole graph and Coconut tree graph are even sum cordial labeling.