technology to allow using one smart card to deliver all services delivered to the one family or individual. But the system suffers from some difficulties due to the delivery of more than one service belonging to more than one service owner having service providers each. Besides, the responsibility of more than one vendor to build applications on the same service delivery tool, smart card. Also, the need to build service delivery application by more than one vendor on the same service delivery unit, Point Of Sale, POS. this might cause the interchangeability and interference between services during service delivery, if not managed appropriately. The above difficulties lead to the need to follow a new approach to build and evolve the current system. This paper introduces a new concept for building the FCS, the introduction of the card management system, CMS. The paper introduces the benefits of CMS, the roles and basic functionalities that are needed to achieve the management and operation of the system more appropriately.

Some New Families of Edge Odd Graceful Graphs[Full-Text]
A.Sasikala, C.Vimala

A (p, q) connected graph is edge-odd graceful graph if their exists an injective map f:E(G)?{1,3,…,2q-1} so that the induced map f_+:V(G)?{0,1,2,…,(2k-1)} defined by f_+ (x)=?{f(x,y)/xy?E } (mod 2k) where the vertex x is incident with other vertex y and k = max {p, q} makes all the edges distinct and odd. When the graph admits the edge odd graceful labeling, the graph is called edge-odd graceful graph. In this article, the edge – odd gracefulness of direct sum graph and square of the Graph G is obtained.

COL.Diesis: Interactive Colour Perception Device[Full-Text]
Anuradha Iyer, Ramakrishnan Iyer, Sathyaghan Iyer, Shreya Kumar

This device was developed with the primary aim of helping blind and colour blind people perceive colours. It comprises of a colour sensor in a bracelet configuration which is used to detect the colour. The colour information is transmitted to the receiver which will then play the associated music.

Palm Kernel Cake Fermented with Candida utilis for Mannose-Enriched Local Feed Supply[Full-Text]
Sundari and Sonita Rosningsih