

MCA Project 2011

Project work done by the students of MCA using IIPC infrastructure

Year: - 2010 - 2011

1. **Title** : Study of Algorithms for Removal of Random Impulse Noise
Name : Aparna Sarkar
Department : Department of Computer Science & Engineering, University of Kalyani
Report : The project includes the study of different algorithms for removal of random-valued impulse noise that can perform better than the DWM filter.
2. **Title** : Customization for GIS Layers and Generate Query On Web Environment Using Flex, ArcGIS and Wamp Server
Name : Satyajit Sengupta, Amrita Tewari
Department : Department of Computer Science & Engineering, University of Kalyani
Report : The project is meant to analyse the maps which are being captured by satellites, vectorised and published by ArcGIS server and then generate queries on those maps to view the attributes.
3. **Title** : Interactive Webpage Design
Name : Saikat Parbat, Ujjal Kumar Das, Subhrajyoti Banerjee
Department : Department of Computer Science & Engineering, University of Kalyani
Report : The project is a web-based application intended to provide various information to various users, especially students and teachers about the University of Kalyani. The Webpage is designed as such that the readers can go through to know the details about the University over the internet.
4. **Title** : Payroll Management System for School
Name : Dwaipayana Karan, Arpita Saha
Department : Department of Computer Science & Engineering, University of Kalyani
Report : The project includes the administration of the financial record of employees' salaries, wages, bonuses, net pay, and deductions.
5. **Title** : School Management System
Name : Lala Kalpataru Prasad, Sougata Das
Department : Department of Computer Science & Engineering, University of Kalyani
Report : The objective of the project is to build an embedded system which would be able to insert populate and moderate the entire information, data and surroundings of a school. It is also capable of handling total information and able to retrieve the data as per user requirement.
6. **Title** : Comparative Study of Network Simulator With Real Life Toolkit(LSIM)
Name : Sujoy Chatterjee, Chandan Das
Department : Department of Computer Application, Kalyani Govt. Engg. College
Report : The project is to analyze and compare different performance parameter of a wired network in different hardware configuration and topologies using a popular network simulation, i. e. NS2 and popular network configuration toolkit (LSIM)

in order to observe, the difference and similarities of the behavior of the network setup.