

## M. Tech Project 2010

### Project work done by the students of M. Tech using IIPC infrastructure

**Year: - 2009 - 2010**

1. **Title** : Digital Image Steganography in the Wavelet Transform Domain  
**Name** : Madhumita Sengupta  
**Department** : Department of Computer Science & Engineering, University of Kalyani  
**Report** : The project includes the issues regarding data hiding and its application in security and communication, addressing both theoretical and practical aspects, and tracking the design problems.
2. **Title** : A Novel Visual Cryptography Scheme Through Grey Level Inversion (VCSGLI)  
**Name** : Jayanta Kumar Pal  
**Department** : Department of Computer Science & Engineering, Kalyani Govt. Engg. College  
**Report** : The basic model of this project consists of images printed on transparencies, and the original plain text can be revealed by placing the transparencies in an arbitrary manner, but with proper alignment. Due to its simplicity at the stage of decryption the system can be used by anyone without any knowledge of cryptography and without performing any cryptographic computations.
3. **Title** : Microprocessor Based Optical Switching System  
**Name** : Meera Kumari  
**Department** : Department of Computer Science & Engineering, University of Kalyani  
**Report** : The project mainly focuses towards the transmitting and receiving the audio signal through optical fiber.