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Assoc. Professor & Head, Institute of Management Studies, Chennai CID Quarters, V.K.Iyer Road, Mandaveli, Chennai
Abstract: Land resources are finite and therefore their conservation, development and management plays the determining role in their sustaining use. The land resources shall be treated as single, renewable and intergenerational entity and they have to be viewed as prime national resources for all societal, economical and political considerations. Preparation of land use/Land cover maps for development plan aims at optimal, eco-friendly, viable & integrated land use planning. As a pre-requisite of any planning and implementation of land resources development action plan with continuous and periodic assessment of status of land use/Land cover both at regional and national level. The objective of study is to generate change analysis of land use/land cover pattern of the years 2005-2006 and 2011-2012 of the study area. This analysis was carried out through geospatial technology using IRS-Resourcesat-2 (LISS-III) data. The study shows that increase in area under built up land category is the expense of agricultural and wasteland land use classes. The study concluded that area under urban infrastructure is increasing at fast pace and which is eating up fertile agriculture land of area. Keywords:

Keywords: Remote sensing and GIS, Resourcesat-2, LISSIII, land use/land cover.

References:


Abstract: The growth of global enterprises and the expansion of technical and managerial knowledge are hallmarks of the twenty-first century organization. A wave of interest in improving the integration of information or data across the functional areas of a business has surfaced during the past few years. More specifically, business transactions that occur in one functional area would, indeed, affect transaction in other functional areas. Not surprisingly, the most effective managerial decisions can be made when information and data from all areas of business are available in real time, and that all parties having access to the information are participants in the decision made. A Software which enables this integration of information is the Enterprise Resource Planning (ERP) software system. The core issues and concepts underlying idea behind Enterprise Resource Planning is its ability to bind the entire enterprise in a tight web of information system. This software application leaves no function of an organization untouched. The thrust of this paper is to provide information about the ABC’s of ERP, ERP implementation life cycle, the seven mantra’s for ERP implementation, and the rebirth of ERP extending its footprints to Supply Chain Management (SCM), Customer Relationship Management (CRM) and Collaborative Management.

Keywords: Enterprise resource planning ERP, ERP II, Cost of ERP, e-commerce.

References:

16.1 Text Books:
16.2 Journals:
Abstract: Ear biometric for identification of human is quite complex task. It’s use either uni-modal or multi-modal approach in order to authenticate a person. A uni-modal biometric system involves a single source of biometric to identify a person. This paper is based on uni-modal approach with ear as a biometric trait for recognizing a person. In this paper, an experimental approach is used for identifying a person based by their ear structure. As researchers suggest that ear is a physiological biometric that is quite reliable source of identifying human, we here, present the work related to this field of ear biometrics. Firstly, we will discuss about identification process of our ear biometric system that includes pre-processing, edge detection using canny edge detection method and then extracting farthest boundary points that form a maxline. Now this maxline is divided into multiple points to extract geometrical intersecting points on the outer edge. Then finally template matching is done for identification.

Keywords: Biometrics, ear biometrics, canny edge detection, maxline and template matching.

References:
2. A Review on Biometrics and Ear Recognition Techniques, Sukhdeep Singh, Dr. Sunil Kumar Singla, Volume 3, Issue 6, June 2013, ISSN: 2277 128X
6. Contour Matching for 3D Ear Recognition, Hui Chen and Bir Bhanu, Proceedings of the Seventh IEEE Workshop on Applications of Computer Vision (WACV/MOTION'05) 0-7695-2721-8/05, IEEE.

Abstract: Microarray experiments are used to measure gene expression levels of thousands of genes at a time. The image analysis has an important role in the microarray data analysis and has potential impact on the identification of differentially expressed genes. Segmentation is one of the important processes in image analysis. The current paper attempts to provide an overview of commonly used segmentation methods in microarray image analysis like fixed circle segmentation, adaptive circle segmentation, the adaptive segmentation, intersecting points on the outer edge. Then finally template matching is done for identification.

Keywords: Microarray, Image analysis, Segmentation, Intensity ratio.

References:


<table>
<thead>
<tr>
<th>Authors:</th>
<th>Faten Z. Mahmoud, Fouz M. Omar, Mohamed M. Mahmoud, Atef A. T. Ramadan</th>
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<tr>
<td>Paper Title:</td>
<td>Synthesis and Characterization of Palladium (II) Complexes with Hydrazo-β-diketone Ligands</td>
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<tr>
<td>Abstract:</td>
<td>Phenyl hydrazo-β-diketone ligands were prepared and their complexes with Pd(II) were studied. The β-diketone moieties included acetyl acetone (AA), benzoyl acetone (BA) and dibenzoyl methane (DBM), while the aniline part included 2-methoxy, 2-chloro, 3-nitro, 3-bromo- and 4-flouro- moieties. The stability constants and protonation constants of Pd(II) complexes and the ligand were studied in 75% (v/v) dioxanewater spectrophotometrically. Solid complexes of Pd(II) where established by elemental analysis, IR spectra, mass spectra and 1H-NMR methods. A linear relationship exists between the chemical shift of hydrazo proton and the protonation constants of the ligand, in addition to the linear relation obtained between the stability constants and the ligand basicity (ΣpKH).</td>
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<tr>
<td>Keywords:</td>
<td>hydrazo-β-diketone ligand, potentiometric and spectrophotometric studies of Pd(II)-PHBDH complexes, preparation of solid complex.</td>
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