Course title: Digital Image Processing and Information Extraction			
Course code: NRG 172	**No. of credits:** 4	**L-T-P:** 34-10-32	**Learning hours:**60
Pre-requisite course code and title (if any): NRG 169 Principles of remote sensing			
Department: Department of Natural and Applied Sciences			
Course coordinator: Prof. Chander Kumar Singh	**Course instructor:** Prof. Chander Kumar Singh		
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Course type: Core	**Course offered in:** Semester 2		
Course Description This course will introduce fundamental technologies for digital image, compression, analysis, and processing. Students will gain understanding of algorithm, analytical tools, and practical Implementations of various digital image applications.			
Course objectives 1. Fundamental technologies for digital image, compression, analysis, and processing 2. Gain understanding of algorithm, analytical tools, and practical implementations of various digital image applications			