

Course title: Advances in remote sensing: Thermal, Hyperspectral, Microwave, LIDAR and UAV			
Course code: NRG 181	No. of credits: 4	L-T-P: 29-13-36	Learning hours: 60
Pre-requisite course code and title (if any): NRG 172 & NRG 169			
Department: Department of Natural and Applied Sciences			
Course coordinator: Dr. Ayushi Vijhani		Course instructor: Dr. B.K. Bhadra	
Contact details: ayushi.vijhani@terisas.ac.in			
Course type: Core		Course offered in: Semester 3	
Course Description: This course will provide an opportunity to understand and work with advanced developments in Remote Sensing and covers a wide range of remote sensing data interpretation and processing techniques.			
Course objectives: To teach basics of Thermal, Hyperspectral, Microwave and UAV remote sensing, and to inculcate practical skill for processing advance remote sensing datasets for various applications including natural resources management.			