**Lesson Plan(Session 2021-22) Even Semester**

Name of Assistant Professor**: Dr. Manju**

Subject :**Geography**

Class: **B.A.III(VI SEM)**

Subject/Paper : **Introduction to Remote Sensing, GIS & Quantitative Methods (Theory)**

 **Introduction To Remote Sensing and Field Survey Report (Practical)**

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| **S.NO.** | **MONTHS** | **TOPICS TO BE COVERED** | **REMARKS** |
| **1** | **01.04.2022 to 15.04.2022** | Introduction to Aerial Photographs: their advantages and types, (Introduction to Aerial Photographs) | **-** |
| **2** | **16.04.2022 to 30.04.2022** | Elements of aerial Photo interpretation.(Demarcation of Principal Point, Conjugate Principal point and Flight line on Aerial Photographs) | **One Assignment & Class Seminar** |
| **3** | **01.05.2022 to 15.05.2022** | Introduction to Remote Sensing; Electromagnetic spectrum, stages in remote sensing, type of satellites, (Determination of Scale of Aerial Photographs ,Interpretation of Single Vertical Photographs ) | **One test** |
| **4** | **16.05.2022 to 31.05.2022** | Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.( Determination of Scale of Aerial Photographs ,Interpretation of Single Vertical Photographs ) | **Group Discussion** |
| **5** | **01.06.2022 to 15.06.2022** | Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements.( Use of Stereoscope and Identification of Features) | **One Assignment &Class Seminar** |
| **6** | **16.06.2022 to 30.06.2022** | Application of GIS in various fields of geography,Measure of Central Tendency: Mean, Median and Mode.( Use of Stereoscope and Identification of Features, Identification of Features on IRSID, LISS III imagery (Mark copy of FCC) | **One Test** |
| **7** | **01.07.2022 to 16.07.2022** | Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variationSocio-economic Survey and Report Writing | **Field Survey** |

\* Vacations as per University Calender