**GOVT. COLLEGE JASSIA (ROHTAK)**

**Session 2021-2022 (EVEN SEMESTER)**

NAME OF PROFESSOR-MRS. ARCHANA DESIGNATION-ASSISTANT PROFESSOR

SUBJECT/PAPER -GEOGRAPHY CLASS-B.A. VIthSem

**Introduction to Remote Sensing, GIS & Quantitative Methods**

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| **SR. NO.** | **MONTH** | **TOPICS TO BE COVERED** | **Classroom Activities** | **REMARKS IF ANY** |
| 1. | 21st March to 31st March | Introduction to Aerial Photographs: their advantages and types.  Elements of aerial Photo interpretation. | Discussion on Syllabus and changing role and nature of Geography. |  |
| 2. | April | Introduction to Remote Sensing; Electromagnetic spectrum, stages in remote sensing, types of satellites.  Types of Imageries and their application in various fields such as agriculture, environment  and resource mapping | Class discussion and Presentation.  Assignment-I.  Class-test. |  |
| 3. | May | Introduction to Geographical Information System: Definition, purpose, advantages and  software and hardware requirements.  Application of GIS in various fields of geography.  Measure of Central Tendency: Mean, Median and Mode | Intra-class quiz competition.  Discussion on career opportunities in Remote Sensing and GIS.  Assignment-II  Class test. |  |
| 4. | June | Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation,  Coefficient of variation | Revision and Practice of Statistics.  Class Test. |  |

TWO ASSIGNMENTS AND ONE UNIT TEST WILL BE TAKEN AS PER SCHEDULE.

Signature of A/Prof.