Lesson Plan (Jan2023- May 2023)

Name of the Associate Professor: Dr Rajesh Kumar

Class and Section: B.A. 2nd Sem. Theory (Section-B) & Practical B.A. 6th Sem.(Sec. B)

Week of the month	Paper 103– Physical Geography-I (Theory)	Paper (304)- Introduction to Remote Sensing and Field Survey Report (Practical)
Week 1	Introduction to Physical Geography – A general discussion Definition, Nature, scope and fields of Physical Geography.	Introduction to Remote sensing and satellite photographs
Week 2	Interior of the earth- crust, mantle, core	Demarcation of Principal Point, Conjugate Principal point and Flight line on Aerial Photographs – 1 Exercise
Week 3	Geological time scale, Rocks- definition, formation, types and rock cycle	Determination of Scale of Aerial Photographs – 1 Exercise.
Week 4	Earth movements- orogenic & epeirogenic – their types (folds and faults).	Interpretation of Single Vertical Photographs – 1 Exercise.
Week 5	Earthquakes - definition, causes, effects, classification, world distribution.	Interpretation of Single Vertical Photographs – 1 Exercise.
Week 6	Volcanoes- definition, causes, effects, classification, world distribution.	Use of Stereoscope and Identification of Features – 1 Exercise.
Week 7	Theory of Isostasy- pratt's and Airy's view.	Use of Stereoscope and Identification of Features – 1 Exercise.
Week 8	Wegner's theory of continental drift and Plate tectonic theory.	Identification of Features on IRSID, LISS III imagery (Mark copy of FCC) -1 Exercise.
Week 9	Weathering- causes and its types. Mass-movements; causes, its types and impacts.	Identification of Features on IRSID, LISS III imagery (Mark copy of FCC) -1 Exercise.
Week 10	Concept of cycle of erosion; cycle of erosion by W.M.Davis	Introduction to Socio-economic Survey and Report Writing
Week 11	Process of Wind, River, Underground water, Glaciers and Sea waves	Surveying and Report Writing
Week 12	Process of Wind, River, Underground water, Glaciers and Sea waves	Surveying and Report Writing

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Name of the Assistant Professor: MEHAR SINGH

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