Lesson Plan (Jan2023- May 2023)

Name of the Associate Professor: Dr Rajesh Kumar Class and Section: B.A. 2nd Sem. Theory (Section-B)

Week of the	ion: B.A. 2 nd Sem. Theory (Section-B) &	Practical B.A. 6th Sem.(Sec. B)
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

Lesson Plan (Jan2023- May 2023)

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

