FOURTH SEMESTER

Skills, employability and entrepreneurship: This semester is most important for students to visit different geological sites, government organizations and private companies including MNCs institutions. Students work as a researcher in the chosen areas of the dissertation which may be related to all branches of earth, atmosphere, ocean and space science including societal aspects by using RS and GIS applications. Students learn skills to work with the public, private sectors, universities and research institutions generally outside the university to provide a better exposure related to remote sensing, GIS, earth, atmosphere and ocean science at national and international levels. Students who qualify MSc in Geoinformatics with dissertation have opportunities to teach in degree and engineering colleges, and have employment opportunities in many government agencies like ISRO, IIRS, NRSA, many private companies of GIS and WIPRO, etc., and overseas fellowships/employment.

GIP 551: Field Work and Field Report

Field work carried out by the students under the guidance of faculty members will be evaluated by all the concerned teachers. The field report submitted by the students under the supervision of faculty member(s) will be evaluated by the concerned teacher (s).	100 marks

GIP 552: Project/Dissertation

Each student is required to undertake a project work under the supervision of a faculty member. It shall consist of 36 hours of Project work per week and include the entire fourth semester and the students shall carry out their project work eitherin a software company, GIS application company, Remote Sensing company orany research institution such as NIO, INCIOS, CESS, C-GIST, NCAOR, etc. In house project work with an affiliation of an external company or research institution with and external guide will also be considered for project work in the last (fourth) semester. The project work will be used to provide a dissertation that shall be submitted to the Chairman BoE. For evaluation as per the regulations for Geo-informatics. A viva-voce shall be mandatory as provided in the regulationsfor Geo-informatics M.Sc. course. After the dissertation work is completed, students shall submit dissertation / thesis based on the results obtained. The dissertation is evaluated by internal and external examiners. The total of the fourth semester shall be of twenty credits only.	300 marks

GIP 553: Viva-Voce

Each student has to present the dissertation work carried out by him/her in front of the examiners (internal and external). His (her) performance will be evaluated based on the knowledge of the dissertation work.	100 marks