To derive Group Multiplication of D_{2d} point group and its application in infrared Spectroscopy

A Dissertation for

Course code and Course Title: CHC -651 dissertation

Credits: 16

Submitted in partial fulfilment of Master's Degree

M.Sc. in Physical chemistry

by

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I hereby declare that the data presented in this Dissertation report entitled, "To derive Group Multiplication of D_{2d} point group and its application in infrared Spectroscopy" is based on the results of investigations carried out by me in Physical chemistry at the school of chemical Science, Goa University under the Supervision of Dr. Rajendra Shirsat and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further, I understand that Goa University will be not be responsible for the correctness of observations experimental or other findings given the dissertation.

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This is to certify that the dissertation report "To derive Group Multiplication of D_{2d} point group and its application in infrared Spectroscopy "is a bonafide work carried out by Ms. Rupali Vittal Mestry under my supervision in partial fulfilment of the requirements for the award of the degree of Master of science in physical chemistry at the School of Chemical Science, Goa University.

29/4/24

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