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| Sr.No. | **Title of course with code** | **Topic** | **Sub topic/ Key Words** | **Link** |
| 5 | Organic Chemistry | Infrared (I.R)Spectroscopy | Introduction, Types of Region & Principle of I.R Spectroscopy | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzQ5NjI1NTIxNjI0/details> |
|  |  |  | 1)Types of Fundamental modes of vibrations:-1)Stretching Vibrations2)Bending Vibrations2) How to calculate fundamental modes of vibrations in organic molecules | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzUyMzY5MTAzMTk5/details> |
|  |  |  | Factor's affecting I.R frequency1) Inductive Effect | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzUyNDY3ODAzNjk0/details> |
|  |  |  | Factor's affecting I.R frequency2) Resonance Effect | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzUyNDYwODk2MzYx/details> |
|  |  |  | Factor's affecting I.R frequency3) Hydrogen Bonding | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzUyNDgyMzc0NDY4/details> |
|  |  |  | Factor's affecting I.R frequency4) Steric Effect | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzUyNDgwNDM0Mzc0/details> |