Lesson Planning for the Semester Started W.e.f. July,2018

Name of Institute:- Maharani Lakshmi Bai College

Name of Teacher With Designation:-Sonu (Asisstant Professor)

Department:-Chemistry (Physical chemistry)

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| Month | Class | Topic/Chapter Covered | Academic Activity | Test /Assignment |
| July | B.Sc 5th sem | Black Body, plank’s , photoelectric effect, quantum operators, role of operators, determination of wave functions& energy of particle in one dimension box |  | Written tests on the above topic |
| August |  | Polaristaion, dipole moment, measurement, structures of molecules, magnetic permeability, applications & magnetic properties | Independence day Celebration | 1st Assignment |
| September |  | Introduction of spectroscopy, degrees of freedom, selection rules, energy levels, rotational spectra, isotopic effect…. | Talent Show | 2nd Assignment |
| October |  | Vibrational Spectrum-enrgy levels of simple harmonic oscillator, pure vibrational spectrum, vibrational frequencies | Dusshera Celebration | U.T |
| November |  | Raman spectrum-pure rotational n vibrational spectra of diatomic molecules, quantum theory of raman spectra | Diwali Celebration | Revision of compete syllabus |