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(Inorganic Chemistry)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Month | Class | Topic/Chapter Covered | Academic Activity | Test /Assignment |
| July | B.Sc 5th sem | Limitations of valence bond theory, crystal field theory… |  | Written tests on the above topics |
| August |  | Crystal field splitting in octahedral & square planar complexes, factors affecting, Thermodynamic stability of complexes | Independence Day Celebration & Science Quiz | 1st Assignment |
| September |  | Factors affecting the stability, iirvin William series, reactions & trans effect, types of magnetic materials, magnetic susceptibility | Talent Show | 2nd Assignment |
| October |  | Spin only formula, L-S coupling, magnetic moments & applications for 3d metal complexes | Dusshera Celebration | U.T |
| November |  | Selection rules for d-d transition, spectrochemical series, orgel diagram for d1 & d9 states, electronic spectrum of complex ion | Diwali Celebration | Revision of whole syllabus |