**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Even Semester**

**(2017-18)**

**Class: BTH-IV sem**

**Name of the Teacher: Mrs Sonia Chauhan**

**Subject: Biophysical and Biochemical Techniques**

**Period: IV period(3,5,6); III period(4)**

**Paper: Biophysical and Biochemical Techniques Room No : 111**

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| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | Jan 08, 2018 | Jan 13, 2018 | | Spectrophotometry: UV and Vis |
| Week 2 | Jan 15, 2018 | Jan 20, 2018 | | Spectroflourimetry |
| Week 3 | Jan 22, 2018 | Jan 27, 2018 | | Microscopy: LM,FM, phase contrast microscope, AAS |
| Week 4 | Jan 29, 2018 | Feb 3, 2018 | | Microscopy:AFM, SCM,TEM & SEM, Tunnel microscope |
| Week 5 | Feb 5, 2018 | Feb 10, 2018 | | ORD and CD spectroscopy, |
| Week 6 | Feb 12, 2018 | Feb 17, 2018 | | IR and Raman spectroscopy |
| Week 7 | Feb 19, 2018 | Feb 24, 2018 | | NMR,ESR spectroscopy, MRI |
| Week 8 | Feb 26, 2018 | Mar 03 , 2018 | | Electrophoresis, Crystallography |
| **2nd week March (Mid Semester Exam)** | | | | |
| Week 9 | March 12, 2018 | | March 17, 2018 | Centrifugation |
| Week 10 | March 19 , 2018 | | March 24, 2018 | Chromatography |
| Week 11 | March 26, 2018 | | March 31, 2018 | Radioisotopic techniques |
| Week 12 | April 02, 2018 | | April 07, 2018 | Autoradiography |
| Week 13 | April 09, 2018 | | April 14 , 2018 | Mass Spectrometry |
| Week 14 | April 16, 2018 | | April 21, 2018 | Applications of MS |
| Week 15 | April 23, 2018 | | April 28, 2018 | GCMS, LCMS |
| Week 16 | April 30, 2018 | | May 05, 2018 | revision |