**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan Session (2017-18)**

**Class:** M Sc II  **Name of Teacher: Divya Sharma**

**Subject:** Zoology  **Period:** I (Thurs-Fri) & IV (Mon-Sat) (week 2)

**Paper: Advances in Parasitology Room No:** 130

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| **S.no** | **Date From** | **Date Upto** | **Topics to be covered** |
| Week 1 | Jan. 08, 2018 | Jan. 13, 2018 | ---- |
| Week 2 | Jan. 15, 2018 | Jan. 20, 2018 | Introduction to Parasitology, different types of animal associations : Parasitism, Mutualism, Hyperparasitism |
| Week 3 | Jan. 22, 2018 | Jan. 27, 2018 | ---- |
| Week 4 | Jan. 29, 2018 | Feb. 03, 2018 | Parasite Host Specificity : Kinds of parasite host specificity, specificity factors related to infection and growth. |
| Week 5 | Feb. 05, 2018 | Feb. 10, 2018 | ---- |
| Week 6 | Feb. 12, 2018 | Feb. 17, 2018 | Vectors - Brief account of various insect vectors of human parasitic infections |
| Week 7 | Feb. 19, 2018 | Feb. 24, 2018 | ---- |
| Week 8 | Feb. 26, 2018 | Mar. 03, 2018 | Parasite Transmission : Introduction, mechanism, circardian rhythms |
| **First week March (Mid Sem Exam)** | | | |
| Week 9 | Mar. 19, 2018 | Mar. 24, 2018 | ---- |
| Week 10 | Mar. 26, 2018 | Mar. 31, 2018 | Molecular, Cellular and Physiological basis of Host Parasite Relationship in  Protozoans, trematode, cestode and nematode parasites. |
| Week 11 | Apr. 02, 2018 | Apr. 07, 2018 | ---- |
| Week 12 | Apr. 09, 2018 | Apr. 14, 2018 | Immunity to Parasites of malaria, leishmaniasis, Trypanosomiasis, schistosomiasis and ascariasis |
| Week 13 | Apr. 16, 2018 | Apr. 21, 2018 | ---- |
| Week 14 | Apr. 23, 2018 | Apr. 28, 2018 | Ecology of parasites : Ecological niche, host size, and parasite numbus, biological control, role of metazoan parasites in transmission of microbial infection |