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

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: BTH-V semester**

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

**Subject: IPR & Ethical issues in Biotechnology & Entrepreneurship**

**Period: Mon, tue(IV period);Wed, thurs(I period);Fri, sat(III period)**

**Paper:** - **IPR & Ethical issues in Biotechnology & Entrepreneurship**

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| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Unit-I  Introduction to IPR, tangible & intangible property, Patents: Introduction to patent law, conditions for patentability, |
| Week 2 | July 31 2017 | Aug 5, 2017 | | procedure for obtaining patents  Brief history (early GATT and TRIPS), |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Rights of a patentee; patent infringements and litigation |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Indian patent laws and amendments, Patents from an international perspective;  Patent filing through PCT,  Revision exercises |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Unit-II  Copyright: Registration procedure and copyright authorities  Revision exercises |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | assignment and transfer of copyright |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Copyright infringement and exceptions to copyright infringement; software copyright; |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Designs: Introduction to the law on industrial designs, registration and piracy, |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | commercial exploitation and infringement ,  Trademark: Importance, Registration |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Trademark infringement and piracy; Revision exercises |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Unit-III  Patenting in Biotechnology: Biotechnology patents and its economic, ethical & depository considerations |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Patentable subject matter and legal aspects of transfer of biotechnology in India, |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Other multilateral treaties and International conventions: Paris convention, CBD,UPOV,PGRFA |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Writing a patent specification, information sources in patent literature search |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Unit IV: Entrepreneurship: Entrepreneur & its types, women entrepreneurship, selection of a product, product line design and development processes, economics on material and energy requirement |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Stock the product and release the same for marketing, Basic regulations of excise; demand for a given product; |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | feasibility of its production under given constraints of raw material, energy input, financial situations, export potential, Revision exercises |