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

**Teaching Plan**

**Name of Teacher : DR DALIP KUMAR**

**Class: B.Sc II ( 3rd Semester ) Paper :B**

**Class :M.Sc I ( 1st Semester ) Paper :IV**

**Subject: ZOOLOGY Session: 2015-16**

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| **S. No** | **Date From** | **Date Upto** | **Topics to be covered** |
| Week 1 | 20th July | 25th July | Biochemistry And its Scope; classification and function of Carbohydrate ,Protein Lipids |
| Week 2 | 27th July | 1st Aug | Definition and scope of Ecology ; Abiotic factors |
| Week 3 | 3rd Aug | 8th Aug | Classification and function of Nucleic Acid; EMP pathway; TCA cycle; HMP pathway |
| Week 4 | 10th Aug | 15th Aug | Principles of limiting factors ; Ecosystem and major ecosystem |
| Week 5 | 17th Aug | 22nd Aug | Glycogenesis ; Glycogenolysis ;Nature of Enzyme and their classification ; B oxidation of Fatty Acid; Rate of Glycerol ; Interaction of Carbohydrates and Lipids ; Lipogenesis ;Ketosis |
| Week 6 | 24th Aug | 29th Aug | Different types of Biogeochemical cycles; Ecological niche ; Biotic community ; Ecological succession |
| Week 7 | 31st Aug | 5th Sept | Protein Metabolism amino acids ; Oxidative Deamination and ,transamination , decarboxylation and Ornithine cycle |
| Week 8 | 7th Sept | 12th Sept | Types of Ecological adaptation ; Feeding Behavior |
| Week 9 | 14th Sept | 19th Sept | Digestion ; Regulation of digestive process ;types of Nutrition |
| Week 10 | 21st Sept | 3rd Oct | Learning ,Reasoning , Instinctive and Motivational behavior; Social and sexual behavior ; Mimicry and its types |
| Week 11 | 5th Oct | 10th Oct | Feeding Mechanism; Enzymatic digestion ;Symbiotic Digestion ; Function and Composition of blood |
| Week 12 | 12th Oct | 21st Oct | Circadian Rhythms , Intra and inter specific interactions /inter relationships |