

## Online (Live) class schedule

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(Affiliated to Ch. Charan Singh University, Meerut)

Time : 12.30 to 1.15 (one break)-BSc  
: 01.30 to 2.30 (one break)-MSc

- Write your Name in Zoom, Skype profile as..... MSc-II-Jyoti, MSc-IV-MMDT-Jyoti, ATHM-Jyoti, MMDT-Jyoti, BSc-I-Jyoti, BSc-II-Jyoti, BSc-III-Jyoti
- **Fill the following google form to attained the online class of zoology-**  
KMGGPGC students- <https://forms.gle/5SYLQgCWkHWPMJJTA>  
Other students- <https://forms.gle/7v1kh2pq5wSutWrX8>
- Please download zoom form <https://zoom.us/download> and send a request on [zoology.dcs@gmail.com](mailto:zoology.dcs@gmail.com) through zoom, Not email
- How to use zoom app- <https://www.youtube.com/watch?v=vkRysenphvU&t=737s>
- To view video- <https://www.youtube.com/channel/UCAEDozE3FDq80fBZ7bcM8zg>
- To download slides and notes - [https://www.slideshare.net/DrDineshCSharma?utm\\_campaign=profiletracking&utm\\_medium=sssite&utm\\_source=ssslideview](https://www.slideshare.net/DrDineshCSharma?utm_campaign=profiletracking&utm_medium=sssite&utm_source=ssslideview)

| Topic                                                                                                           | Date      | Class  |
|-----------------------------------------------------------------------------------------------------------------|-----------|--------|
| <b>April 2020</b>                                                                                               |           |        |
| Cytogenetic effects of ionizing and non-ionizing radiation (M.Sc.) Genetic Engg (B.Sc)                          | 18-4-2020 | UG, PG |
| <b>SUNDAY (Counselling and stress management class)</b>                                                         | 19-4-2020 | UG, PG |
| Endocrinology, Mechanism of hormone action, & neuroendocrine regulation (MSc) Recombinant DNA Technology (B.Sc) | 20-4-2020 | UG, PG |
| Endocrine glands (Pituitary) (M.Sc.) Pedigree analysis (B.Sc)                                                   | 21-4-2020 | UG, PG |
| Endocrine glands (Pituitary, Pineal) (M.Sc.) Linkage (B.Sc)                                                     | 22-4-2020 | UG, PG |
| Endocrine glands (Thymus, Thyroid, Parathyroid) (M.Sc.) Crossing Over (B.Sc)                                    | 23-4-2020 | UG, PG |
| Endocrine glands (Pancreases, Adrenal, Gastric) (M.Sc.) Cell cycle (B.Sc)                                       | 24-4-2020 | UG, PG |
| Endocrine glands (Testis, Ovary) (M.Sc.) Cell division-Meiosis (B.Sc)                                           | 25-4-2020 | UG, PG |
| <b>SUNDAY (Counselling and stress management class)</b>                                                         | 26-4-2020 | UG, PG |
| Thermoregulation (MSc) Cell division-Mitosis (B.Sc)                                                             | 27-4-2020 | UG, PG |
| Human genetics-1 (M.Sc.) cAMP (B.Sc)                                                                            | 28-4-2020 | UG, PG |
| Human genetics-2 (M.Sc.) Mendel (B.Sc)                                                                          | 29-4-2020 | UG, PG |
| Human genetics-3 (M.Sc.) Mendel Cross-1 (B.Sc)                                                                  | 30-4-2020 | UG, PG |
| <b>May 2020</b>                                                                                                 |           |        |
| DNA polymorphism (M.Sc.) Mendel Cross-2 (B.Sc)                                                                  | 01-5-2020 | UG, PG |
| RNA polymorphisms (M.Sc.) Deviation of Mendel law(B.Sc)                                                         | 02-5-2020 | UG, PG |
|                                                                                                                 |           |        |
| Sanger sequencing method                                                                                        | 01-4-2020 | PG     |
| Methods of genetic transfer                                                                                     | 02-4-2020 | PG     |
| DNA-fingerprinting                                                                                              | 03-4-2020 | PG     |
| DNA-fingerprinting-Use                                                                                          | 04-4-2020 | PG     |
| <b>SUNDAY (Counselling and stress management class)</b>                                                         | 05-4-2020 | PG     |
| DNA-fingerprinting (M.Sc.) DNA (B.Sc)                                                                           | 06-4-2020 | UG, PG |
| Chromosome walking (M.Sc.) DNA –Genetic Material (B.Sc)                                                         | 07-4-2020 | UG, PG |
| RFLP and its use in forensic, disease diagnosis (M.Sc.) Experiments (B.Sc)                                      | 08-4-2020 | UG, PG |
| Mutations (M.Sc.) DNA Replication-1 (B.Sc)                                                                      | 09-4-2020 | UG, PG |
| Mutations-Types (M.Sc.) DNA Replication-1 (B.Sc)                                                                | 10-4-2020 | UG, PG |
| Mutations- Single gene disorders (M.Sc.) Gene Regulation (B.Sc)                                                 | 11-4-2020 | UG, PG |
| <b>SUNDAY (stress releasing class)</b>                                                                          | 12-4-2020 | UG, PG |
| Genetic code (M.Sc.) Trap Operon (B.Sc)                                                                         | 13-4-2020 | UG, PG |
| FISH, GISH (PG) (M.Sc.) Lac Operon (B.Sc)                                                                       | 14-4-2020 | UG, PG |
| DNA synthesis (M.Sc.) Mutations (B.Sc)                                                                          | 15-4-2020 | UG, PG |
| DNA replication in prokaryotic and eukaryotic cell (M.Sc.) Split Gene (B.Sc)                                    | 16-4-2020 | UG, PG |
| DNA damage and repair (M.Sc.) Biotechnology (B.Sc)                                                              | 17-4-2020 | UG, PG |

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| <b>March 2020</b>                                                        |           |    |
| Bacteriophage- Types, structure and morphology of T4phage, morphogenesis | 18-3-2020 | PG |
| Bacteriophage- Lytic and lysogenic cycle and morphogenesis               | 19-3-2020 | PG |
| Cloning-1                                                                | 20-3-2020 | PG |
| Cloning-SCNT                                                             | 21-3-2020 | PG |
| Immunoglobulin gene structure                                            | 23-3-2020 | PG |
| Multigene Organization and expression of Ig genes                        | 24-3-2020 | PG |
| Gene Regulation                                                          | 25-3-2020 | PG |
| Lac Operon                                                               | 26-3-2020 | PG |
| Trp Operon                                                               | 27-3-2020 | PG |
| Arb Operon                                                               | 28-3-2020 | PG |
| <b>SUNDAY (stress releasing class)</b>                                   | 29-3-2020 | PG |
| DNA sequencing                                                           | 30-3-2020 | PG |
| Maxam–Gilbert DNA Sequencing                                             | 31-3-2020 | PG |
|                                                                          |           |    |