**E-Content :** ZOOLOGY DEPARTMENT

1. DR. RAMESH KUMAR TAMBOLI

You tube channel name: **Zoology Adda**

**Video lecture**

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| S.N. |  Title of Video Lecture |  Link |
| 1 | Pila: blood vascular system | <https://youtu.be/8Q7eVRzO08o> |
| 2 | Fish farming part-1 | <https://youtu.be/7EPrHbP5K4A> |
| 3 | Fish farming part-2 | <https://youtu.be/T-wyA26l5Jc> |
| 4 | Fish farming part-3 | <https://youtu.be/xrfwLB4etzM> |
| 5 | Principal cultivable fishes  | <https://youtu.be/8wta05v41Q0> |
| 6 | B.Sc. I Paramecium structure | <https://youtu.be/FwiQ2NPlDDc> |
| 7 | Nutrition in paramecium | <https://youtu.be/dcmW7BFuY_8> |
| 8 | Reproduction in paramecium | <https://youtu.be/8CJ2SVinDGU> |
| 9 | Sexual reproduction in paramecium | <https://youtu.be/YUliUK47VWw> |
| 10 | Amphioxus circulatory system | <https://youtu.be/D0Pf6O5y8kk> |
| 11 | Sycon: Structure of Sycon | <https://youtu.be/OMgSmMB-8oo> |
| 12 | Sycon: Histology of system | <https://youtu.be/3KzhNd41nrc> |
| 13 | Sycon: Reproduction in Sycon | <https://youtu.be/Ae8raVO7xGQ> |
| 14 | Fish: skin and scales | <https://youtu.be/tSat--RG4Yg> |
| 15 | Fish: Migration in fishes | <https://youtu.be/1WDsl36LlEg> |
| 16 | Fish : parental care in fishes | <https://youtu.be/EpdmVq896OE> |
| 17 | Obelia: Structure | <https://youtu.be/CLPryWVwipo> |
| 18 | Obelia: Life Cycle | <https://youtu.be/KOlnsITr2mw> |
| 19 | Amphibia: Neoteny | <https://youtu.be/gL583JJhLQ4> |
| 20 | Parental care of Amphibia | <https://youtu.be/jCfszBGOgpI> |
| 21 | Flight adaptation in bird | <https://youtu.be/MkINDS3yTGc> |
| 22 | Fasciola: life cycle | <https://youtu.be/HBwFQIZc77A> |
| 23 | Ascaris- life cycle | <https://youtu.be/ps5lLwlOVMY> |

2. Mrs. VINITA PANDEY

You tube channel name: **Vinita Pandey**

Video lecture

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| S.N. |  Title of Video Lecture |  Link |
| 1 | Physiology of muscle contraction and their theories part 1 M.sc. 4 sem by Vinita Pandey | <https://youtu.be/kzlKRR175Bo> |
| 2 | Ultra and molecular structure of skeletal muscle part 2 | <https://youtu.be/4TUCZrwWcn0> |
| 3 | Structure of skeletal muscle M.sc.sem 4 | <https://youtu.be/2zM6N46WdCI> |
| 4 | Evidence of evolution | <https://youtu.be/MheCtYHAk0E> |
| 5 | Evidence of evolution part 2 | <https://youtu.be/KJFlxVp_Acc> |
| 6 | Evidence of organic evolution part 3 | <https://youtu.be/ETJIeh5wYx4> |
| 7 | Carbohydrates | <https://youtu.be/dYXyg9rAz_I> |

3. Mrs. RANJANA SAHU

You tube channel name: **Zoology.com**

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| S.N. |  Title of Video Lecture |  Link |
| 1 | Asterias: star fish part -1 | <https://youtu.be/edN-9_h2S9I> |
| 2 | Asterias: star fish part -2 | <https://youtu.be/fGysRpNDI2M> |
| 3 | Embryonic induction and organizer part -1 | <https://youtu.be/AtI8VKazvrQ> |
| 4 | Embryonic induction and organizer part -2 | <https://youtu.be/1RLaIdKl0nI> |
| 5 | Neuroendocrine system part-1 | <https://youtu.be/d0Y2gkoto1w> |
| 6 | The operon concept | <https://youtu.be/JgK-eQ59WWk> |
| 7 |  Lac operon for UG | <https://youtu.be/bzQQxBVVP_w> |
| 8 | Lac operon for PG | <https://youtu.be/3-NMUcyPglY> |
| 9 | Mutation in lac operon | <https://youtu.be/u1MIh8zUsKc> |
| 10 | Inducible and repressible system | <https://youtu.be/V5U3MSY5PT0> |
| 11 | Abnormalities in pregnancy: Ectopic pregnancy | <https://youtu.be/eU0ztfikVE4> |
| 12 | Aerobic respiration | <https://youtu.be/kh3KSrp87pw> |
| 13 | Anaerobic respiration | <https://youtu.be/jwyhm_fag38> |
| 14 | NAD+, NADP+,FAD | <https://youtu.be/YzDzhjWQnUc> |
| 15 | B.Sc. I st year Practical syllabus | <https://youtu.be/829U2pMftdg> |
| 16 | How to write Zoology Practical Record | <https://youtu.be/zdb4aZxdLwU> |
| 17 | B.Sc. I st year spotting practice series-1 | <https://youtu.be/A9n9zsCtXSE> |
| 18 | B.Sc. I st year spotting practice series-2 | <https://youtu.be/R3n33zSsrMc> |
| 19 | B.Sc. I st year spotting practice series-3 | <https://youtu.be/BBHRhf7dSp0> |
| 20 | B.Sc. I st year practical exam sample test paper | <https://youtu.be/5gHkL919HKs> |
| 21 | Glycolysis pathway code | <https://youtu.be/A_7LilSyxzY> |
| 22 | PRACTICAL: Slide Identification for B.Sc.1st  | <https://youtu.be/YpRvrgfk0JE> |
| 23 | Non- chordate spot identification | <https://youtu.be/VuO_jHX4XBA> |
| 24 | Spot identification test | <https://youtu.be/RHFSaOAziGk> |