

**Shri R.L.T. College of Science, Akola**  
**Department of Zoology**  
**You Tube lectures Links for BSc Ist and IIIrd year**  
 Incharge-Teacher: **Dr. Rashmi Joshi Sawalkar**

You-tube Channel link

<https://www.youtube.com/channel/UC44vZ4own11CdZvPnAlopFQ>

Unit from Syllabus	Lecture no.	Name of the Topic	You tube Link
<b>BSc I/Sem I</b> <b>UNIT III</b> Phylum Platyhelminthes & Aschelminths	Lect. 1	Digestive System of Fasciola hepatica	<a href="https://studio.youtube.com/video/R9Mv-mdfaoo/edit">https://studio.youtube.com/video/R9Mv-mdfaoo/edit</a>
	Lect. 2	Reproductive system of Fasciola hepatica	<a href="https://studio.youtube.com/video/HQY8v-JDngo/edit">https://studio.youtube.com/video/HQY8v-JDngo/edit</a>
	Lect. 3	Phylum Aschelminthes: General characters of Ascaris.	<a href="https://www.youtube.com/watch?v=tABA4x7nawQ">https://www.youtube.com/watch?v=tABA4x7nawQ</a>
	Lect. 4	Digestive System of Ascaris lumbricoides	<a href="https://youtu.be/wNRerxpWuYQ">https://youtu.be/wNRerxpWuYQ</a>
	Lect. 5	Male Reproductive system of Ascaris lumbricoides	<a href="https://youtu.be/RJiNMvfZB6g">https://youtu.be/RJiNMvfZB6g</a>
	Lect. 6	Female Reproductive system of Ascaris lumbricoides and Life Cycle of Ascaris.	<a href="https://youtu.be/hL-5DzooR8w">https://youtu.be/hL-5DzooR8w</a>
	Lect. 7	Excretory system of A. lumbricoides	<a href="https://youtu.be/RJFPB_DyNww">https://youtu.be/RJFPB_DyNww</a>
	Lect. 8	Male Reproductive system of Ascaris lumbricoides	<a href="https://youtu.be/RJiNMvfZB6g">https://youtu.be/RJiNMvfZB6g</a>
<b>BSc I/Sem I</b> <b>UNIT IV</b> Phylum Annelida & Arthropoda	Lect. 9	Phylum Annelida: General characters of Cattle Leech:	<a href="https://studio.youtube.com/video/nlhTBiv8ipU/edit">https://studio.youtube.com/video/nlhTBiv8ipU/edit</a>
	Lect. 10	External Features of Hirudinaria granulosa:	<a href="https://youtu.be/VEz6BCm_6EY">https://youtu.be/VEz6BCm_6EY</a>
	Lect. 11	Digestive System of Cattle Leech:	<a href="https://studio.youtube.com/video/15QvMOWEYnc/edit">https://studio.youtube.com/video/15QvMOWEYnc/edit</a>
	Lect. 12	Male Reproductive System of Cattle leech:	<a href="https://youtu.be/nqWXI8MMQLA">https://youtu.be/nqWXI8MMQLA</a>
	Lect. 13	Female Reproductive system of Cattle Leech:	<a href="https://studio.youtube.com/video/LGAP3BeSMWE/edit">https://studio.youtube.com/video/LGAP3BeSMWE/edit</a>
	Lect. 14	Excretory system of H. granulosa:	<a href="https://studio.youtube.com/video/1_3VhNMH2vc/edit">https://studio.youtube.com/video/1_3VhNMH2vc/edit</a>
	Lect. 15	Cocoon Formation and Lifecycle of cattle leech	<a href="https://studio.youtube.com/video/nlhTBiv8ipU/edit">https://studio.youtube.com/video/nlhTBiv8ipU/edit</a>
	Lect. 16	General Characters and Classification of Phylum Arthropoda	<a href="https://www.youtube.com/watch?v=Mzgt7mykK8">https://www.youtube.com/watch?v=Mzgt7mykK8</a>
	Lect. 17	External Features of Cockroach	<a href="https://youtu.be/I84bGfdSRW8">https://youtu.be/I84bGfdSRW8</a>

	Lect. 18	Digestive System of Cockroach	<a href="https://youtu.be/syVVMBOfyhY">https://youtu.be/syVVMBOfyhY</a>
	Lect. 19	Male Reproductive System of Cockroach	<a href="https://studio.youtube.com/video/Q68I94r94Q/edit">https://studio.youtube.com/video/Q68I94r94Q/edit</a>
	Lect. 20	Female Reproductive system of Cockroach	<a href="https://studio.youtube.com/video/LKuD5INc3rk/edit">https://studio.youtube.com/video/LKuD5INc3rk/edit</a>
	Lect. 21	Life Cycle of Cockroach	<a href="https://studio.youtube.com/video/tWruT60YBQ/edit">https://studio.youtube.com/video/tWruT60YBQ/edit</a>

Unit from Syllabus	Lecture no.	Name of the Topic	You tube Link
<b>BSc I/ Sem II</b> <b>Unit I and Unit II</b>	Lect. 22	Eukaryotic Cells vs. Prokaryotic Cells BSc I/ Sem II/ Unit I	<a href="https://www.youtube.com/watch?v=XEOzApsjLTE">https://www.youtube.com/watch?v=XEOzApsjLTE</a>
	Lect. 23	Structure of Plasma Membrane BSc I/ Sem II/ Unit I	<a href="https://www.youtube.com/watch?v=RqVJshBaok8">https://www.youtube.com/watch?v=RqVJshBaok8</a>
	Lect. 24	Cell Membrane and Models of Cell Membrane BSc I/ Sem II/ Unit I	<a href="https://youtu.be/f8RQ-bscbpY">https://youtu.be/f8RQ-bscbpY</a>
	Lect 25	Membrane Proteins and Their Functions BSc I/Sem II/ Unit I	<a href="https://youtu.be/i1g7Xk6QbMc">https://youtu.be/i1g7Xk6QbMc</a>
	Lect 26	ENDOPLASMIC RETICULUM: Ultra Structure and Functions BSc I/Sem II/ Unit I	<a href="https://youtu.be/RDTPRqgqIzs">https://youtu.be/RDTPRqgqIzs</a>
	Lect. 27	Ultra-Structure and Functions of Golgi Apparatus BSc I/Sem II/ Unit II	<a href="https://youtu.be/vhXZCUtiKsk">https://youtu.be/vhXZCUtiKsk</a>
	Lect. 28	Structure and Functions of Ribosomes BSc I/Sem II/ Unit II	<a href="https://youtu.be/NYuC7uB6K-0">https://youtu.be/NYuC7uB6K-0</a>
	Lect. 29	Ultra-Structure and Functions of Lysosomes BSc I/Sem II/ Unit II	<a href="https://youtu.be/-ZrSFz8mw2c">https://youtu.be/-ZrSFz8mw2c</a>
	Lect. 30	Structure and Functions of Mitochondria BSc I/Sem II/ Unit II	<a href="https://youtu.be/PfD_LkckFx0">https://youtu.be/PfD_LkckFx0</a>

Unit from Syllabus	Lecture no.	Name of the Topic	You tube Link
<b>BSc III/Sem V</b> <b>UNIT II</b> Muscle Physiology	Lect. 1	Introduction to Types of muscles and its functions, BSc III/ Sem V/ Unit II, Muscle Physiology.	<a href="https://studio.youtube.com/video/GZK69Av8ITY/edit">https://studio.youtube.com/video/GZK69Av8ITY/edit</a>
	Lect. 2	Sliding Filament Theory BSc III/ Sem V / Unit II	<a href="https://youtu.be/eCzkPaFQueE">https://youtu.be/eCzkPaFQueE</a>

	Lect. 3	Contraction of Muscles: BSc III/ Sem V/ Unit II	<a href="https://youtu.be/Ns5I9PSDyvI">https://youtu.be/Ns5I9PSDyvI</a>
	Lect. 4	Muscle Physiology: Types Of Muscles, Structure of Muscles, Structural Hierarchy of Skeletal Muscles.	<a href="https://youtu.be/HCFKZvrrYkI">https://youtu.be/HCFKZvrrYkI</a>
	Lect. 5	Neuromuscular Junction & Neuro-transmission BSc III/ Sem V/ Unit II:	<a href="https://youtu.be/-wagMy-C8wo">https://youtu.be/-wagMy-C8wo</a>
<b>BSc III/Sem V</b> <b>UNIT VI</b> Aquaculture	Lect. 6	Hatching Hapas And Their Types (Bsc III/ Sem V/ Unit VI)	<a href="https://www.youtube.com/watch?v=y7pKjl66f_c">https://www.youtube.com/watch?v=y7pKjl66f_c</a>
	Lect. 7	Fertilizing Fish Ponds BSc III/Sem V/ Unit VI	<a href="https://youtu.be/1WNuWt69S5M">https://youtu.be/1WNuWt69S5M</a>
	Lect. 8	Fresh Water Fish Culture: Types of Fish Ponds, BSc III/Sem V/ Unit VI	<a href="https://studio.youtube.com/video/r02q8kcLiHo/edit">https://studio.youtube.com/video/r02q8kcLiHo/edit</a>
	Lect. 9	Aquaculture: Importance, Scope & Present Status In India,	<a href="https://studio.youtube.com/video/BywGyFDxfws/edit">https://studio.youtube.com/video/BywGyFDxfws/edit</a>
	Lect. 10	Introduction to Aquaculture	<a href="https://studio.youtube.com/video/S6TyU3AX5L4/edit">https://studio.youtube.com/video/S6TyU3AX5L4/edit</a>
<b>Unit from Syllabus</b>	<b>Lecture no.</b>	<b>Name of the Topic</b>	<b>You tube Link</b>
<b>BSc III/ Sem VI</b> <b>UNIT I</b>	Lect. 11	Structure of Genes (Prokaryotic & Eukaryotic) BSc III/Sem VI	<a href="https://youtu.be/XxRrnov7Lus">https://youtu.be/XxRrnov7Lus</a>
	Lect. 12	DNA Replication.	<a href="https://youtu.be/sHGynraVDqw">https://youtu.be/sHGynraVDqw</a>
	Lect. 13	Cell Signalling and Vesicular Transport	<a href="https://youtu.be/LTCRdRJY7IU">https://youtu.be/LTCRdRJY7IU</a>

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## *E- Content through Google classrooms*

### **1. GOOGLE CLASSROOM FOR BSc. I (2020-21)**

**Name of Teacher:** Dr. Rashmi P. Joshi (Sawalkar)

**Classroom Link:** <https://classroom.google.com/c/MTcwMDE4ODE1MjAx?cjc=d64iil5>

**Class Code:** **d64iil5**

### **2. GOOGLE CLASSROOM FOR BSc. III (2020-21)**

**Name of Teacher:** Dr. Rashmi P. Joshi (Sawalkar)

**Classroom Link:** <https://classroom.google.com/c/MTI1OTE4MTM4MTE1?cjc=gnifkam>

**Class Code:** **gnifkam**

### **3. GOOGLE CLASSROOM FOR BSc. I (2021-22)**

**Name of Teacher:** Dr. Rashmi P. Joshi (Sawalkar)

**Classroom Link:** <https://classroom.google.com/c/NDAzODYyNjAzMzM3?cjc=aej24us>

**Class Code:** **aej24us**

### **4. GOOGLE CLASSROOM FOR BSc. III (2021-22)**

**Name of Teacher:** Dr. Rashmi P. Joshi (Sawalkar)

**Classroom Link:** <https://classroom.google.com/c/NDAzOTIyNzQ2MjA1?cjc=aft6uro>

**Class Code:** **aft6uro**