

B.Sc. I (II Sem)	
CELL AND DEVELOPMENTAL BIOLOGY	
UNIT-I:	
1. General organization of Prokaryote and Eukaryote Cell.	https://youtu.be/fzE1Nu38J04
	https://youtu.be/GJ_kbS8VqVk
	https://youtu.be/lnpUmY5NigY
2. Ultra structure and functions of, Plasma membrane	https://youtu.be/dNuLLd-Uuqc
	https://youtu.be/UFltHAF688o
3. Ultra structure types and functions of, Endoplasmic reticulum	https://youtu.be/i5Gf-vWXLp4
	https://youtu.be/QO4WwyVt3cU
	https://youtu.be/UOQo88uqV6o
UNIT-II:	
1. Ultra structure and functions of, Golgi complex	https://youtu.be/by95o0c-t68
	https://youtu.be/CfnH1BT-NjE
	https://youtu.be/LZqg2Z0YwCs
2. Ultra structure and functions of Ribosome	https://youtu.be/uarFmMKoZkQ
	https://youtu.be/6kK7Y7W8ceM
	https://youtu.be/7v6ZhyIgw10
3. Ultra structure and functions of Mitochondria.	https://youtu.be/craxJRS5JFQ
	https://youtu.be/CVs4WLdQDco
4. Ultra structure and functions of Lysosomes.	https://youtu.be/TDRtEszzs78
	https://youtu.be/hy1fXyyTxlk
UNIT-III:	
1. Ultra structure and functions of nucleus and nucleolus.	https://youtu.be/THz3kss3NO4
	https://youtu.be/4EG1F0FnNE8
	https://youtu.be/1qmrIE0Cf0I
2. Chromosome and its general organization.	https://youtu.be/22LC5ZUyvyE
	https://youtu.be/-ke71JRWq5E
3. Structure of Polytene and Lamp brush Chromosome.	https://youtu.be/WoEa1ZhRoVo
	https://youtu.be/xVAggXrpT8s

UNIT-IV:	
1. Mitosis and its significance	https://youtu.be/l3QNVdmXxPo
	https://youtu.be/HaqGn_pOK1U
2. Meiosis and its significance.	https://youtu.be/MiL_cceQ-9I
	https://youtu.be/4YmRJVftTJI
	https://youtu.be/pnBjvTvcvii
3. Gametogenesis: Spermatogenesis and oogenesis	https://youtu.be/Inh7lbiTZEg
	https://youtu.be/hm-1JhraCfw
	https://youtu.be/C8Klm-Ti9HU
4. Fertilization: Types of fertilization, Mechanism of fertilization,	https://youtu.be/Z-_6zTzKReE
	https://youtu.be/-0eKi_chHTQ
UNIT V:	
1 Cleavage, and development up to coelome formation in am phioxus	https://youtu.be/NeaFOvWsoLM
	https://youtu.be/A2IAVoabkjQ
2. Cleavage, Blastulation and gastrulation up to the formation of three	https://youtu.be/5v6ujzE3pcw
	https://youtu.be/Op0pVSMPljw
3. Cleavage, Blastulation and gastrulation up to the formation of three	https://youtu.be/ngoTed4lzbw
	https://youtu.be/tFK4z_dgra0
4. Extra embryonic membranes in chick: Development and sig nificand	https://youtu.be/Jpsqq1Z2Nqs
	https://youtu.be/C_JmHnhs130
UNIT-VI:	
1. Placentation in mammals; Types and Functions of Placenta.	https://youtu.be/gmy0ehluPA4
	https://youtu.be/2juMqGZLeFs
2. Parthenogenesis: Types and, Significance,	https://youtu.be/DQ2DfbbSyNo
	https://youtu.be/kfBlx2GLtNc
3. Regeneration in invertebrates and vertebrates.	https://youtu.be/s6Psra8PMYI
4. Elementary idea of, sources, types and use of Stem cells.	https://youtu.be/uONuppb0g5A