

# Shri Shivaji Science College, Amravati

E – Contents for Under Graduate Students

Department of Biotechnology2020-21

## B. Sc. Part – I (Semester – I)

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
1. Cell Transport across membrane	<a href="https://drive.google.com/file/d/1fAfsa5j2Z3V1YFj68hOV_AJV8dAVC1o8/view?usp=sharing">https://drive.google.com/file/d/1fAfsa5j2Z3V1YFj68hOV_AJV8dAVC1o8/view?usp=sharing</a>	Mr.S.J.Wadekar			
2.Cell Cell Singaling	<a href="https://drive.google.com/file/d/1Zley3ycqcXj83WQYNdvWwoUW6NXCv4Y/view?usp=sharing">https://drive.google.com/file/d/1Zley3ycqcXj83WQYNdvWwoUW6NXCv4Y/view?usp=sharing</a>	Mr.S.J.Wadekar			

## B. Sc. Part – I (Semester – II)

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
1.Salmonella typhi	<a href="https://drive.google.com/file/d/1gxJ2b2VreQhyISFlhpp8rGINUQxvekJ_/view?usp=sharing">https://drive.google.com/file/d/1gxJ2b2VreQhyISFlhpp8rGINUQxvekJ_/view?usp=sharing</a>	Ms.S.S Mankar			
2.Vibrio cholerae	<a href="https://drive.google.com/file/d/1LbRyf-7TBoqCHKhyjn_iRrWBrBdp5le5/view?usp=sharing">https://drive.google.com/file/d/1LbRyf-7TBoqCHKhyjn_iRrWBrBdp5le5/view?usp=sharing</a>	Ms.S.S.Mankar			
3.Mycobacterium tuberculosis	<a href="https://drive.google.com/file/d/1ceN54OfidOh1n09ilo70GRrkEl6KtU0b/view?usp=sharing">https://drive.google.com/file/d/1ceN54OfidOh1n09ilo70GRrkEl6KtU0b/view?usp=sharing</a>	Ms.S.S.Mankar			

**B. Sc. Part – II (Semester – III)**

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
1.Sets	<a href="https://drive.google.com/file/d/1Q9K6VedKL9_yP3SWypB2SDALjvioEtRc/view?usp=sharing">https://drive.google.com/file/d/1Q9K6VedKL9_yP3SWypB2SDALjvioEtRc/view?usp=sharing</a>	Ms.S.S.Manka			
2.Simple Random Sampling & Stratified Sampling	<a href="https://drive.google.com/file/d/1arYgLkZoBgUNUSSeSrh63eTwfb7vS7_R/view?usp=sharing">https://drive.google.com/file/d/1arYgLkZoBgUNUSSeSrh63eTwfb7vS7_R/view?usp=sharing</a>	Ms.S.S Mankar			
3.Redox & half Potential	<a href="https://drive.google.com/file/d/1MEpBF_khUsQz0QGwXGwLMex8xh8xVHMx/view?usp=sharing">https://drive.google.com/file/d/1MEpBF_khUsQz0QGwXGwLMex8xh8xVHMx/view?usp=sharing</a>	Ms.S.S.Mankar			

**B. Sc. Part – II (Semester – IV)**

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
1.Insulin	<a href="https://drive.google.com/file/d/1pjDJIM5KmQ4XwiBB2fk0iNF8Yr2UHndB/view?usp=sharing">https://drive.google.com/file/d/1pjDJIM5KmQ4XwiBB2fk0iNF8Yr2UHndB/view?usp=sharing</a>	Ms.S.S.Mankar			
2. Penicillin fermentation	<a href="https://drive.google.com/file/d/10dg8ZL_o8ZvNdeti0_RnfRWO6UQQWda/view?usp=sharing">https://drive.google.com/file/d/10dg8ZL_o8ZvNdeti0_RnfRWO6UQQWda/view?usp=sharing</a>	Ms.S.S.Mankar			

**B. Sc. Part – III (Semester – V)**

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
1.Animal Tissue Culture- Introduction	<a href="https://drive.google.com/file/d/1uIWgiLwNzV00YwltDEss58ePQawDtlpm/view?usp=sharing">https://drive.google.com/file/d/1uIWgiLwNzV00YwltDEss58ePQawDtlpm/view?usp=sharing</a>	Ms.S.B Dhale			

2.ATC instrument	<a href="https://drive.google.com/file/d/17l_ZkCKL8YNRUkWvCAbM6Wp0XwqXTm95/view?usp=sharing">https://drive.google.com/file/d/17l_ZkCKL8YNRUkWvCAbM6Wp0XwqXTm95/view?usp=sharing</a>	Ms.S.B.Dhale						
3.Balance salt solution	<a href="https://drive.google.com/file/d/1N5DAaNRt4tAz3zf1c8gx0pLD1nqV4Cha/view?usp=sharing">https://drive.google.com/file/d/1N5DAaNRt4tAz3zf1c8gx0pLD1nqV4Cha/view?usp=sharing</a>	Ms.S.B.Dhale						
4.Tissue culture	<a href="https://drive.google.com/file/d/1WctQ1qIjYsRAggNOGDI4yTMJh3BHNKWo/view?usp=sharing">https://drive.google.com/file/d/1WctQ1qIjYsRAggNOGDI4yTMJh3BHNKWo/view?usp=sharing</a>	Ms.S.B.Dhale						
5.Animal cell Culture	<a href="https://drive.google.com/file/d/1ulkKxda7juK7yNIRdAfi8FMyZZAH4Ca7/view?usp=sharing">https://drive.google.com/file/d/1ulkKxda7juK7yNIRdAfi8FMyZZAH4Ca7/view?usp=sharing</a>	Mr.N.V.Ingole (Guest Faculty)						
6.Types of culture	<a href="https://drive.google.com/file/d/1h1J2pbnjD2wGV4-2IVBl-a2cACiMjFOG/view?usp=sharing">https://drive.google.com/file/d/1h1J2pbnjD2wGV4-2IVBl-a2cACiMjFOG/view?usp=sharing</a>	Mr.N.V.Ingole (Guest Faculty)						
7. Cell culture	<a href="https://drive.google.com/file/d/1G-T_WC8qFdQEYq_aFU3aaNCyrS6L6any/view?usp=sharing">https://drive.google.com/file/d/1G-T_WC8qFdQEYq_aFU3aaNCyrS6L6any/view?usp=sharing</a>	Mr.N.V.Ingole (Guest Faculty)						

**B. Sc. Part – III (Semester – VI)**

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
1.Plant Tissue Culture (PTC)	<a href="https://drive.google.com/file/d/1-GKqPAib8UqkFUTnPEbjhL5pRFvo6C4g/view?usp=sharing">https://drive.google.com/file/d/1-GKqPAib8UqkFUTnPEbjhL5pRFvo6C4g/view?usp=sharing</a>	Mr.Swapnil Dongare			
2.Plant Hormone - Auxin	<a href="https://drive.google.com/file/d/1dUGpB5JHP80I0d63ciShyv4c6kvNzIY2/view?usp=sharing">https://drive.google.com/file/d/1dUGpB5JHP80I0d63ciShyv4c6kvNzIY2/view?usp=sharing</a>	Mr.Swapnil Dongare			