

USAGE OF ICT TOOLS IN CURRICULUM

Name of the faculty : Dr. N. Harikrishna

Designation : Assistant Professor

Subject : Microbiology

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List of videos uploaded to Youtube channel

S.No	Topic of youtube class	Uploaded date	Duration (Min)	Link
1	Lac operon	19/07/2020	48	https://youtu.be/fnW6CCKyurA
2	Genetic code	20/07/2020	36	https://youtu.be/I1HvKZyhXhc
3	Transcription 1	20/07/2020	37	https://youtu.be/HZLG0AQI_Hc
4	Transcription 2	23/07/2020	41	https://youtu.be/d_gQ5QC4qJA
5	Glycolysis	23/07/2020	36	https://youtu.be/QNLdg_K6sTU
6	TCA cycle	23/07/2020	38	https://youtu.be/uBntqi99WdI
7	Microbial growth	24/07/2020	39	https://youtu.be/JLWQmfzEccs
8	Factors effecting microbial growth	24/07/2020	42	https://youtu.be/iwIPeKBYB6A
9	Primary screening	29/07/2020	32	https://youtu.be/dX1YCM-qFQ
10	Secondary screening	04/08/2020	45	https://youtu.be/F5pUkVjpO-A
11	Types of Immunity	30/07/2020	32	https://youtu.be/OgfT4tbusPk
12	Acquired Immunity	30/07/2020	30	https://youtu.be/NWIKtg7js00
13	Mutations 1	05/08/2020	55	https://youtu.be/7hV65mqxF5c
14	Mutations 2	05/08/2020	44	https://youtu.be/WU2ZfUFD7KE
15	Mutations 3	07/08/2020	43	https://youtu.be/KeNxVtnIGGo
16	Beta oxidation of fatty acids	07/08/2020	44	https://youtu.be/PbVUyFqbDbE
17	Enzymes 1	10/08/2020	42	https://youtu.be/JSY6P9D8XR8
18	Enzymes – classification	11/08/2020	44	https://youtu.be/gIICk5cq1zk

19	Factors effecting Enzyme activity	13/08/2020	41	https://youtu.be/iOH9S9DrZlQ
20	Enzymes – Mechanism of action	13/08/2020	41	https://youtu.be/iOH9S9DrZlQ
21	Enzyme - Inhibitions	16/08/2020	49	https://youtu.be/v7q7NvUWf1w
22	Antigens	18/08/2020	47	https://youtu.be/74vBnIURWqc
23	Antibodies	18/08/2020	47	https://youtu.be/eBo_eUFbPh8
24	ELISA	20/08/2020	35	https://youtu.be/aVdd1nyvpfA
25	RIA and Immunofluorescence	20/08/2020	45	https://youtu.be/p-KPJOMzi-c
26	Plasmids	25/08/2020	42	https://youtu.be/EV-66WfhFDk
27	Host pathogen interactions	25/08/2020	50	https://youtu.be/dqM_MFSfcM
28	Host pathogen interactions	25/08/2020	47	https://youtu.be/zeyItDWgVM0
29	Virology	27/08/2020	44	https://youtu.be/aGzpWEAgC-o
30	Virology	27/08/2020	47	https://youtu.be/hrxDtE_B3V8
31	Complement pathways	16/07/2020	44	https://youtu.be/q-m9OUFsW08
32	Complement pathways	18/07/2020	41	https://youtu.be/38KaYhjk0X8
33	Microscopy	11/07/2018	46	https://www.youtube.com/watch?v=vSTQRm9va-w
34	Transcription	16/11/2020	43	https://www.youtube.com/watch?v=wh_5RP_ut-s

ICT tools usage in curriculum

Name of the Faculty : P.Archana Mary

Subject : Microbiology

S.No	Group/Sem	Topic	Date	You Tube Link
1.	B.Sc III Sem	-Sources of Microorganisms in foods	9/06/20	https://youtu.be/11cuQJ-GRck
2.	B.Sc II Sem	General Characteristics of Algae-	10/6/20	https://youtu.be/Vts8gHPIOEg
3.	B.Sc VI Sem	Microorganisms in Air	11/6/20	https://youtu.be/A9_66pdd_YI
4.	B.Sc VI Sem	Physical and chemical properties of soil	12/6/20	https://youtu.be/cOFy3A9Imp0
5.	B.Sc III Sem	Sources and types of Microorganisms in milk	15/6/20	https://youtu.be/jRxs5djYUq4
6.	B.Sc V Sem	Cholera Disease	16/6/20	https://youtu.be/byI_97tN9NM
7.	B.Sc V Sem	Infection & Non specific defense mechanisms	17/6/20	https://youtu.be/WZgHLDZ4MHU
8.	B.Sc III Sem	Microorganisms of Food	18/6/20	https://youtu.be/KlW166uX4gI
9.	B.Sc I Sem	Importance and Applications of Microbiology	19/6/20	https://youtu.be/wmLv-WtLOe0
10.	B.Sc V Sem	Laboratory diagnosis of clinical specimens-	20/6/20	https://youtu.be/IWcLpI_PwVs
11.	B.Sc I Sem	History of Microbiology-	22/6/20	https://youtu.be/tng4WXZhj00
12.	B.Sc III Sem	Microbial products of milk-	23/6/20	https://youtu.be/yAfXpRyW5wM
13.	B.Sc VI Sem	Sulphur Cycle	24/6/20	https://youtu.be/Ju_CFdsCCho-
14.	B.Sc VI Sem	Carbon Cycle	13/7/20	https://youtu.be/9zjDaIKaoz8
15.	B.Sc V Sem	Typhoid Disease	14/7/20	https://youtu.be/wl8iy9maed4
16.	B.Sc I Sem	Carl Woese System of Classification	15/7/20	https://youtu.be/AAtm4SyhMv4
17.	B.Sc II Sem	Uptake of nutrients by bacterial cells	17/7/20	https://youtu.be/C7OTO_v20nw

18.	B.Sc V Sem	Innate immunity	18/7/20	https://youtu.be/VcAuE7Fd5zs
19.	B.Sc V Sem	Immunoglobulins	21/7/20	https://youtu.be/AR6U62zSpqg
20.	B.Sc V Sem	Primary lymphoid organs	23/7/20	https://youtu.be/FdHqqKNheko
21.	B.Sc V Sem	Secondary lymphoid organs	24/7/20	https://youtu.be/y9VBF-X7jqY
22.	B.Sc VI Sem	Rhizosphere	25/7/20	https://youtu.be/ZLPQIPpGadI
23.	B.Sc III Sem	Bacterial growth	27/7/20	https://youtu.be/ZKMA05WNNFI
24.	B.Sc II & III Sem	Factors effecting microbial growth	29/7/20	https://youtu.be/5nyNyKNc0ds
25.	B.Sc II & III Sem	Growth media	30/7/20	https://youtu.be/TpIOfE0prnI
26.	B.Sc II Sem	Ultrastructure of Bacterial cell	31/7/20	https://youtu.be/cQX07SmSN8Q
27.	B.Sc V Sem	Antigens	3/8/20	https://youtu.be/15g9w8HaajY
28.	B.Sc II Sem	Sterilization-Introduction	4/8/20	https://youtu.be/qPyCfZZCZxs
29.	B.Sc II Sem	Physical methods of sterilization	5/8/20	https://youtu.be/_fTa58y9giA
30.	B.Sc II Sem	Chemical methods of sterilization	6/8/20	https://youtu.be/9-By0wv4KGO
31.	B.Sc V Sem	Complement System	7/8/20	https://youtu.be/xAIBr_GfiqE
32.	B.Sc II Sem	General characteristics of Cyanobacteria	10/8/20	https://youtu.be/XQbPoLvJ_ms
33.	B.Sc V Sem	Autoimmunity and its Significance	12/8/20	https://youtu.be/eTgOX4b6PTs
34.	B.Sc I Sem	Microscopy -Introduction	13/8/20	https://youtu.be/rLZri3Rus_k
35.	B.Sc I Sem	Types of light microscope	14/8/20	https://youtu.be/SorkuLjJ-Mk
36.	B.Sc I Sem	Electron Microscope	17/8/20	https://youtu.be/fVRmtBsp7D4
37.	B.Sc IV Sem	Transposons	18/8/20	https://youtu.be/5vKIMOgw0ZQ
38.	B.Sc IV Sem	Nitrogen Cycle	19/8/20	https://youtu.be/Fbka8yT_fUI
39.	B.Sc II Sem	Archaeobacteria-General Characteristics	20/8/20	https://youtu.be/uCnni4j1g6E

40.	B.Sc II Sem	Mycoplasma –General characteristics	21/8/20	https://youtu.be/QIZpj7KjuFE
41.	B.Sc II Sem	Staining techniques-Introduction	24/8/20	https://youtu.be/iQYMGVccAp4
42.	B.Sc II Sem	Structural Staining	25/8/20	https://youtu.be/soNJK-njKV8
43.	B.Sc IV Sem	Normal flora of human body	26/8/20	https://youtu.be/LVdTHwNOK4E
44.	BSc II Sem	Mycoplasma-General Characteristics	6/5/21	https://youtu.be/0C_uSDUWqu0
45	BSc IV Sem	Bacterial Toxins	7/5/21	https://youtu.be/twxDEmWxTJU
46	BSc IV Sem	Anthrax Disease	10/5/21	https://youtu.be/3m6TxnGWgww
47	BSc IV Sem	Virulence and attenuation	11/5/21	https://youtu.be/Qc77kyb0eWE
48	BSc V.Sem	Elements of Chemotherapy	12/5/21	https://youtu.be/oCA80YQdaF8
49	BSc V Sem	General principles of diagnostic microbiology	13/5/21	https://youtu.be/kMazVGbcb1Q
50	BSc II Sem	Microbial Interactions	17/5/21	https://youtu.be/jyBvYuBSiZk
51	BSc III Sem	Phyllosphere	18/5/21	https://youtu.be/KdLINbE_DSk
52	B.Sc VI Sem	Microorganisms in water	19/5/21	https://youtu.be/PTG8Xp7uoSg
53.	B.Sc IV & V Sem	Hypersensitivity & its types	21/5/21	https://youtu.be/74WxVN_0JHE
54.	BSc V Sem	Base Analogues	24/5/21	https://youtu.be/YDI5WG42_8
55.	BSc III & V Sem	Sewage treatment	25/5/21	https://youtu.be/BKDCYgnUFRM
56.	BSc III & V Sem	Gonorrhoea disease	26/5/21	https://youtu.be/OBMCm50jZ1E
57.	BSc VI Sem	Solid waste disposal methods	27/5/21	https://youtu.be/NgOTjoiN488
58.	BSc IV & V Sem	Syphilis Disease	28/5/21	https://youtu.be/xL51I0fRQiE
59.	BSc IV & V Sem	Influenza-Air borne disease	31/5/21	https://youtu.be/U_467Og0EAA
60.	BSc IV & V Sem	Rabies-Zoonotic disease	31/5/21	https://youtu.be/WUE0JFWA0EE
61.	BSc VI Sem	Sources of microorganisms in food	12/6/21	https://youtu.be/11cuQJ-GRck

62.	BSc VI Sem	Microorganisms of food	12/6/21	https://youtu.be/KlW166uX4gI
63.	BSc IV & V Sem	Laboratory diagnosis of clinical specimens	13/6/21	https://youtu.be/IWcLpI_PwVs
64.	BSc V Sem	Sulphur Cycle	13/6/21	https://youtu.be/Ju_CFdsCCho
65.	BSc I Sem	History of Microbiology	13/6/21	https://youtu.be/tng4WXZhj00
66.	BSc III Sem	Mycorrhizae	14/6/21	https://youtu.be/ElGg1G5JRBA
67.	BSc III & V Sem	Carbon Cycle	14/6/21	https://youtu.be/9zjDaIKaoz8