

## II PUC Biology

SL NO	Unit	CHAPTERS	Sub Topics	RELATED LINKS
1	Unit VI	REPRODUCTION		
		CHAPTER 01: REPRODUCTION IN ORGANISMS	Binary fission in Amoeba	<a href="https://www.youtube.com/watch?v=ReX0r2vm2U8">https://www.youtube.com/watch?v=ReX0r2vm2U8</a>
			Budding in Yeast	<a href="https://www.youtube.com/watch?v=iyWtp_L0Kzc">https://www.youtube.com/watch?v=iyWtp_L0Kzc</a>
			Budding in Hydra	<a href="https://www.youtube.com/watch?v=d5-hPkcQDrU">https://www.youtube.com/watch?v=d5-hPkcQDrU</a>
		CHAPTER 02: REPRODUCTION IN FLOWERING PLANTS	Pollination and fertilization	<a href="https://www.youtube.com/watch?v=CKVulkYnigc">https://www.youtube.com/watch?v=CKVulkYnigc</a>
			Double fertilization	<a href="https://www.youtube.com/watch?v=Qpd5htZ4YEg">https://www.youtube.com/watch?v=Qpd5htZ4YEg</a>
		CHAPTER 03: HUMAN REPRODUCTION	Hormonal regulation of menstrual cycle	<a href="https://www.youtube.com/watch?v=ZNM8ksSQerk">https://www.youtube.com/watch?v=ZNM8ksSQerk</a>
			Hormonal regulation of male reproductive system	<a href="https://www.youtube.com/watch?v=GC58kOcsx9U">https://www.youtube.com/watch?v=GC58kOcsx9U</a>
			Fertilization , implantation and embryo development	<a href="https://www.youtube.com/watch?v=ca2NevbXMdA">https://www.youtube.com/watch?v=ca2NevbXMdA</a>
			Parturition	<a href="https://www.youtube.com/watch?v=-cnGKVskrdM">https://www.youtube.com/watch?v=-cnGKVskrdM</a>
			Spermatogenesis	<a href="https://www.youtube.com/watch?v=krSMZDsjLuU">https://www.youtube.com/watch?v=krSMZDsjLuU</a>
			Oogenesis	<a href="https://www.youtube.com/watch?v=gTSUWHWe70Q">https://www.youtube.com/watch?v=gTSUWHWe70Q</a>
			Real photos of embryo development	<a href="https://www.youtube.com/watch?v=OD1gW88Lm-Y">https://www.youtube.com/watch?v=OD1gW88Lm-Y</a>
		CHAPTER 04: REPRODUCTIVE HEALTH	IVF and ET	<a href="https://www.youtube.com/watch?v=vtnP090T-Uk">https://www.youtube.com/watch?v=vtnP090T-Uk</a>
			ICSI	<a href="https://www.youtube.com/watch?v=ttEw7Mb19jo">https://www.youtube.com/watch?v=ttEw7Mb19jo</a>
2	Unit VII	GENETICS AND EVOLUTION		<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58872115472d4a1fef811350">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58872115472d4a1fef811350</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/588716e5472d4a1fef810fa6">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/588716e5472d4a1fef810fa6</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57ea17fa16b51c40820e63f8">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57ea17fa16b51c40820e63f8</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13cc416b51c6c66d5771c">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13cc416b51c6c66d5771c</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13d2116b51c6c66d57760">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13d2116b51c6c66d57760</a>

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				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13b7116b51c6c66d57672">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13b7116b51c6c66d57672</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13c8416b51c6c66d576fa">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13c8416b51c6c66d576fa</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13cf016b51c6c66d5773e">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13cf016b51c6c66d5773e</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13c4a16b51c6c66d576d8">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13c4a16b51c6c66d576d8</a>
				<a href="http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13b2316b51c6c66d57650">http://nroer.gov.in/55ab34ff81fccb4f1d806025/page/57e13b2316b51c6c66d57650</a>
				<a href="http://www.olabs.edu.in/?pg=topMenu&amp;id=53">http://www.olabs.edu.in/?pg=topMenu&amp;id=53</a>
3	Unit VIII	BIOLOGY IN HUMAN WELFARE		
		CHAPTER 08 : HUMAN HEALTH AND DISEASES	LIFE CYCLE OF PLASMODIUM VIVAX	<a href="https://www.youtube.com/watch?v=JlPILeY10As">https://www.youtube.com/watch?v=JlPILeY10As</a>
			Replication of HIV	<a href="https://www.youtube.com/watch?v=hdgNnXLY8LU">https://www.youtube.com/watch?v=hdgNnXLY8LU</a>
			Cancer: Causes and diagnosis	<a href="https://www.youtube.com/watch?v=8LhQllh46yI">https://www.youtube.com/watch?v=8LhQllh46yI</a>
		CHAPTER 9- STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION	Animal Breeding Methods	<a href="https://www.youtube.com/watch?v=i-TJRUk8edc">https://www.youtube.com/watch?v=i-TJRUk8edc</a>
			Steps of Plant Breeding	<a href="https://www.youtube.com/watch?v=GpDbkFTLLzs">https://www.youtube.com/watch?v=GpDbkFTLLzs</a>
			Disease Resistance	<a href="https://www.youtube.com/watch?v=yIFbV-xuAHY">https://www.youtube.com/watch?v=yIFbV-xuAHY</a>
			Resistance to insects and pests	<a href="https://www.youtube.com/watch?v=5jQhUhwX_CM">https://www.youtube.com/watch?v=5jQhUhwX_CM</a>
			SINGLE CELL PROTEIN	<a href="https://www.youtube.com/watch?v=YQ6leA5_gq8">https://www.youtube.com/watch?v=YQ6leA5_gq8</a>
			TISSUE CULTURE	<a href="https://www.youtube.com/watch?v=ykKs5icYwq0">https://www.youtube.com/watch?v=ykKs5icYwq0</a>
		CHAPTER 10 – MICROBES IN HUMAN WELFARE	MICROBES IN INDUSTRIAL PRODUCTS Chemicals, enzymes, and bioactive molecules	<a href="https://www.youtube.com/watch?v=ymsWiN5BKg0">https://www.youtube.com/watch?v=ymsWiN5BKg0</a>
			Microbes in Sewage treatment	<a href="https://www.youtube.com/watch?v=AOia8dDc_ac">https://www.youtube.com/watch?v=AOia8dDc_ac</a>
			Microbes in production of Biogas	<a href="https://www.youtube.com/watch?v=24Zxr2KHW6s">https://www.youtube.com/watch?v=24Zxr2KHW6s</a>

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			Microbes as Biocontrol agents	<a href="https://www.youtube.com/watch?v=MrHjE13hzHY">https://www.youtube.com/watch?v=MrHjE13hzHY</a>
			Microbes as Biofertilizers	<a href="https://www.youtube.com/watch?v=7UQdownqLFU">https://www.youtube.com/watch?v=7UQdownqLFU</a>
4	Unit IX	Chapter 11 Biotechnology		
			Recombinant DNA	<a href="https://www.youtube.com/watch?v=y2GwekU_Acs">https://www.youtube.com/watch?v=y2GwekU_Acs</a>
			Gene or DNA cloning	<a href="https://www.khanacademy.org/...dna.../dna-cloning.../dna-clonin...nroer.gov.in/home/file/585b5a87472d4af21c54d7b3">https://www.khanacademy.org/...dna.../dna-cloning.../dna-clonin...nroer.gov.in/home/file/585b5a87472d4af21c54d7b3</a>
			Restriction enzymes	<a href="https://www.youtube.com/watch?v=U2cKywEn6KY">https://www.youtube.com/watch?v=U2cKywEn6KY</a>
			Palindrome sequences:	<a href="https://www.khanacademy.org/science/biology/biotech-dna-technology/dna-cloning">https://www.khanacademy.org/science/biology/biotech-dna-technology/dna-cloning</a>
			Gel electrophoresis:	<a href="https://www.khanacademy.org/science/biology/biotech-dna-technology/dna-sequencing-pcr-electrophoresis/a/gel-electrophoresis">https://www.khanacademy.org/science/biology/biotech-dna-technology/dna-sequencing-pcr-electrophoresis/a/gel-electrophoresis</a>
				<a href="https://www.youtube.com/watch?v=6mQGNDnOyH8">https://www.youtube.com/watch?v=6mQGNDnOyH8</a>
			Features required in vectors to facilitate gene cloning	<a href="https://www.youtube.com/watch?v=eA9Kw4d_O9Y">https://www.youtube.com/watch?v=eA9Kw4d_O9Y</a>
			pBR 322	<a href="https://www.youtube.com/watch?v=y0FI8yx6Z3Y">https://www.youtube.com/watch?v=y0FI8yx6Z3Y</a>
			Insertional inactivation:	<a href="https://www.youtube.com/watch?v=KG5XK9HGRb4">https://www.youtube.com/watch?v=KG5XK9HGRb4</a>
			<a href="#">Blue white screening of DNA clones - YouTube</a>	<a href="https://www.youtube.com/watch?v=KG5XK9HGRb4">https://www.youtube.com/watch?v=KG5XK9HGRb4</a>
			Microinjection AND Biolistics or gene gun method	<a href="https://www.youtube.com/watch?v=kyVWWnIM2Wo">https://www.youtube.com/watch?v=kyVWWnIM2Wo</a>
			isolation of DNA	<a href="https://www.youtube.com/watch?v=araeHtN_3Lk">https://www.youtube.com/watch?v=araeHtN_3Lk</a>
			Polymerase chain reaction	<a href="https://www.khanacademy.org/science/biology/biotech-dna-technology/modal/v/the-polymerase-chain-reaction-pcr">https://www.khanacademy.org/science/biology/biotech-dna-technology/modal/v/the-polymerase-chain-reaction-pcr</a>
			Downstream processing	<a href="https://www.youtube.com/watch?v=6wY480YHxF4">https://www.youtube.com/watch?v=6wY480YHxF4</a>
5		Chapter - 12 Biotechnoly and its aplications	Genetically modified oranisms (GMO)	<a href="https://www.youtube.com/watch?v=6WHCoBAIz7U">https://www.youtube.com/watch?v=6WHCoBAIz7U</a>
				<a href="https://www.youtube.com/watch?v=6IKvM7FB1yU">https://www.youtube.com/watch?v=6IKvM7FB1yU</a>
				<a href="https://www.youtube.com/watch?v=gKQuMJ0VfKc">https://www.youtube.com/watch?v=gKQuMJ0VfKc</a>
			RNAinterference	<a href="https://www.youtube.com/watch?v=DQKZY6pQ9rg">https://www.youtube.com/watch?v=DQKZY6pQ9rg</a>
				<a href="https://www.google.com/url?g=https://www.khanacademy.org/partner-content/bjc/2015-challenge/2015-life-science/v/bjc-rna-interference&amp;sa=U&amp;ved=0ahUKEwjFz- OIOnYAhVFVZQKHTUeBtQQFggEMAA&amp;client=internal-uds-cse&amp;cx=004984196166817161901:gt3nscsxv5o&amp;usg=AOvVaw3nEUAvptQd-BTLyVWVu38I">https://www.google.com/url?g=https://www.khanacademy.org/partner-content/bjc/2015-challenge/2015-life-science/v/bjc-rna-interference&amp;sa=U&amp;ved=0ahUKEwjFz- OIOnYAhVFVZQKHTUeBtQQFggEMAA&amp;client=internal-uds-cse&amp;cx=004984196166817161901:gt3nscsxv5o&amp;usg=AOvVaw3nEUAvptQd-BTLyVWVu38I</a>

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				<a href="https://www.youtube.com/watch?v=rz_4IBFKFZY">https://www.youtube.com/watch?v=rz_4IBFKFZY</a>
			Genetically engineered insulin	<a href="https://www.google.com/dlr?q=https://www.khanacademy.org/test-prep/mcat/biomolecules/hormonal-regulation/v/production-of-insulin-and-glucagon&amp;sa=U&amp;ved=0ahUKEwiDwaKkl-nYAhUFJ5QKH4jAOYQFgMMAQ&amp;client=internal-uds-cse&amp;cx=004984196166817161901:gt3nscsxy5o&amp;usg=AOvVaw0Oqvvo7F8ls56w31H8a_4f">https://www.google.com/dlr?q=https://www.khanacademy.org/test-prep/mcat/biomolecules/hormonal-regulation/v/production-of-insulin-and-glucagon&amp;sa=U&amp;ved=0ahUKEwiDwaKkl-nYAhUFJ5QKH4jAOYQFgMMAQ&amp;client=internal-uds-cse&amp;cx=004984196166817161901:gt3nscsxy5o&amp;usg=AOvVaw0Oqvvo7F8ls56w31H8a_4f</a>
				<a href="https://www.youtube.com/watch?v=6IKvM7FB1yU">https://www.youtube.com/watch?v=6IKvM7FB1yU</a>
				<a href="https://www.youtube.com/watch?v=gKQuMJ0VfKc">https://www.youtube.com/watch?v=gKQuMJ0VfKc</a>
			ELISA	<a href="https://www.youtube.com/watch?v=1iNwFNinhQo">https://www.youtube.com/watch?v=1iNwFNinhQo</a>
			Transgenic animals	<a href="https://www.youtube.com/watch?v=pkTNYrdk034">https://www.youtube.com/watch?v=pkTNYrdk034</a>
			Cloning of dolly	<a href="https://www.youtube.com/watch?v=dQZRKcx67fY">https://www.youtube.com/watch?v=dQZRKcx67fY</a>
			Biopiracy	<a href="https://www.youtube.com/watch?v=mUJAYBBvGjM">https://www.youtube.com/watch?v=mUJAYBBvGjM</a>
6	Unit X	ECOLOGY		
		Chapter 13 : Organisms and Populations	ECOLOGY INTRODUCTION	<a href="https://www.khanacademy.org/science/biology/ecology/intro-to-ecology/v/ecology-introduction">https://www.khanacademy.org/science/biology/ecology/intro-to-ecology/v/ecology-introduction</a>
				<a href="https://youtu.be/sO2psSODY5Q">https://youtu.be/sO2psSODY5Q</a>
				<a href="https://www.khanacademy.org/science/biology/ecology/intro-to-ecology/e/intro-to-ecology">https://www.khanacademy.org/science/biology/ecology/intro-to-ecology/e/intro-to-ecology</a>
			ECOLOGY TERMS	<a href="https://youtu.be/E6WAQpRulhA">https://youtu.be/E6WAQpRulhA</a>
			BIOTIC AND ABIOTIC FACTORS	<a href="https://youtu.be/UMbrxi_DsXc">https://youtu.be/UMbrxi_DsXc</a>
				<a href="https://youtu.be/xy2RnFRn8aE">https://youtu.be/xy2RnFRn8aE</a>
			BIOMES	<a href="https://youtu.be/JOzsaYKtnU0">https://youtu.be/JOzsaYKtnU0</a>
				<a href="https://www.khanacademy.org/science/biology/ecology/intro-to-ecosystems/v/ecosystems-and-biomes">https://www.khanacademy.org/science/biology/ecology/intro-to-ecosystems/v/ecosystems-and-biomes</a>
				<a href="https://youtu.be/5kdtso3QGjA">https://youtu.be/5kdtso3QGjA</a>
			DESERT BIOME	<a href="https://youtu.be/gxfqi9bVK0Y">https://youtu.be/gxfqi9bVK0Y</a>
			RAIN FOREST BIOME	<a href="https://www.khanacademy.org/partner-content/cas-biodiversity/exploring-ecosystems/v/exploring-ecosystems-tropical-rainforest-diversity-california-academy-of-sciences">https://www.khanacademy.org/partner-content/cas-biodiversity/exploring-ecosystems/v/exploring-ecosystems-tropical-rainforest-diversity-california-academy-of-sciences</a>
			TUNDRA BIOME	<a href="https://youtu.be/SjO6PzFBZWw">https://youtu.be/SjO6PzFBZWw</a>
				<a href="https://youtu.be/A_NbfphqB1M">https://youtu.be/A_NbfphqB1M</a>
			NICHE	<a href="https://youtu.be/z31y-ZtegZ8">https://youtu.be/z31y-ZtegZ8</a>
			ABIOTIC COMPONENT-TEMPERATURE	<a href="https://youtu.be/-p-qMHhDclQ">https://youtu.be/-p-qMHhDclQ</a>
			ABIOTIC COMPONENT-WATER	<a href="https://youtu.be/77YIUkSxZ3Q">https://youtu.be/77YIUkSxZ3Q</a>
				<a href="https://youtu.be/hSzCnofpbJk">https://youtu.be/hSzCnofpbJk</a>
			ABIOTIC COMPONENT-SOIL	<a href="https://youtu.be/mg7XSjcnZQM">https://youtu.be/mg7XSjcnZQM</a>
			HOMEOSTASIS	<a href="https://youtu.be/74w5Cv8g8VE">https://youtu.be/74w5Cv8g8VE</a>
			THERMOREGULATION	<a href="https://youtu.be/vJhsyS4ITW0">https://youtu.be/vJhsyS4ITW0</a>

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			ENDOTHERMS AND ECTOTHERMS	<a href="https://www.khanacademy.org/science/biology/principles-of-physiology/metabolism-and-thermoregulation/a/endothems-ectotherms">https://www.khanacademy.org/science/biology/principles-of-physiology/metabolism-and-thermoregulation/a/endothems-ectotherms</a>
			OSMOREGULATION	<a href="https://youtu.be/4oki9Zwchhg">https://youtu.be/4oki9Zwchhg</a>
			MIGRATION	<a href="https://youtu.be/4hggc3p8gY4">https://youtu.be/4hggc3p8gY4</a>
			SIBERIAN CRANE MIGRATION	<a href="https://youtu.be/2ckOZcmUhik">https://youtu.be/2ckOZcmUhik</a>
			DORMANCY	<a href="https://youtu.be/JRc7FAHiNOo">https://youtu.be/JRc7FAHiNOo</a>
			HIBERNATION	<a href="https://youtu.be/W6hLW8zzcJ8">https://youtu.be/W6hLW8zzcJ8</a>
				<a href="https://youtu.be/k0O9Gp_Rt24">https://youtu.be/k0O9Gp_Rt24</a>
			AESTIVATION	<a href="https://youtu.be/XNR6tQ1Js_U">https://youtu.be/XNR6tQ1Js_U</a>
			ADAPTATION	<a href="https://youtu.be/bKyieCmUyms">https://youtu.be/bKyieCmUyms</a>
				<a href="https://youtu.be/NUFp9SQFY7I">https://youtu.be/NUFp9SQFY7I</a>
			ALLEN'S RULE	<a href="https://youtu.be/yD56AsbudEw">https://youtu.be/yD56AsbudEw</a>
			ALTITUDE SICKNESS	<a href="https://youtu.be/_4WAb4IHl_g">https://youtu.be/_4WAb4IHl_g</a>
			BEHAVIOURAL ADAPTATION	<a href="https://youtu.be/CRg_qnP6tOo">https://youtu.be/CRg_qnP6tOo</a>
			POPULATION PYRAMID	<a href="https://youtu.be/WzFpiaycKQI">https://youtu.be/WzFpiaycKQI</a>
			POPULATION AGE STRUCTURE AND PYRAMID	<a href="https://youtu.be/ekwm3w71TYM">https://youtu.be/ekwm3w71TYM</a>
			HOW AND WHY POPULATION CHANGE	<a href="https://youtu.be/fxwWJpfQUoI">https://youtu.be/fxwWJpfQUoI</a>
			TIGER CENSUS NEWS	<a href="https://youtu.be/6Mx4E63upFc">https://youtu.be/6Mx4E63upFc</a>
			POPULATION AND CARRYING CAPACITY	<a href="https://youtu.be/zHNh5gYH780">https://youtu.be/zHNh5gYH780</a>
				<a href="https://youtu.be/z0cpSB1dX5w">https://youtu.be/z0cpSB1dX5w</a>
				<a href="https://youtu.be/A1-pa3DtMMo">https://youtu.be/A1-pa3DtMMo</a>
			POPULATION GROWTH CURVES	<a href="https://youtu.be/V85nani3TcM">https://youtu.be/V85nani3TcM</a>
			EXPONENTIAL AND LOGISTIC GROWTH	<a href="https://www.khanacademy.org/science/biology/ecology/population-growth-and-regulation/v/exponential-and-logistic-growth-in-populations">https://www.khanacademy.org/science/biology/ecology/population-growth-and-regulation/v/exponential-and-logistic-growth-in-populations</a>
			ECOLOGICAL INTERACTIONS	<a href="https://www.khanacademy.org/science/biology/ecology/community-ecosystem-ecology/v/interactions-between-populations">https://www.khanacademy.org/science/biology/ecology/community-ecosystem-ecology/v/interactions-between-populations</a>
			AMMENALISM	<a href="http://study.com/academy/lesson/amensalism-examples-definition-quiz.html">http://study.com/academy/lesson/amensalism-examples-definition-quiz.html</a>
			PREDATION	<a href="https://www.khanacademy.org/science/biology/ecology/community-ecosystem-ecology/v/predator-prey-cycle">https://www.khanacademy.org/science/biology/ecology/community-ecosystem-ecology/v/predator-prey-cycle</a>
				<a href="https://www.khanacademy.org/science/biology/crash-course-bio-ecology/crash-course-ecology-2/v/crash-course-ecology-05">https://www.khanacademy.org/science/biology/crash-course-bio-ecology/crash-course-ecology-2/v/crash-course-ecology-05</a>
				<a href="https://youtu.be/guMNTdtqON0">https://youtu.be/guMNTdtqON0</a>
			CAMOUFLAGE	<a href="https://youtu.be/tUgWfEBLA-M">https://youtu.be/tUgWfEBLA-M</a>
				<a href="https://youtu.be/3OGDMPCODZI">https://youtu.be/3OGDMPCODZI</a>
				<a href="https://youtu.be/_Oe0HfGYfAY">https://youtu.be/_Oe0HfGYfAY</a>

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SL NO	Unit	CHAPTERS	Sub Topics	RELATED LINKS
				<a href="https://youtu.be/AoQcJtFF6SE">https://youtu.be/AoQcJtFF6SE</a>
			MONARCH BUTTERFLY	<a href="https://youtu.be/ OFpvKvN5Yg">https://youtu.be/ OFpvKvN5Yg</a>
			COMPETITION	<a href="https://youtu.be/kr_xaWXm4R4">https://youtu.be/kr_xaWXm4R4</a>
				<a href="https://youtu.be/vDydt4r-DxE">https://youtu.be/vDydt4r-DxE</a>
			COMPETITIVE EXCLUSION	<a href="https://youtu.be/qWYGZBJthDM">https://youtu.be/qWYGZBJthDM</a>
			BROOD PARASITISM	<a href="https://youtu.be/09R2litp8pc">https://youtu.be/09R2litp8pc</a>
			COMMENSALISM	<a href="https://youtu.be/WPB3Etmt0OE">https://youtu.be/WPB3Etmt0OE</a>
				<a href="https://youtu.be/tyxgsixqWm4">https://youtu.be/tyxgsixqWm4</a>
			MUTUALISM	<a href="https://youtu.be/7rSbqYbFILk">https://youtu.be/7rSbqYbFILk</a>
			SEXUAL DECEIT	<a href="https://youtu.be/2qyTul2TJuM">https://youtu.be/2qyTul2TJuM</a>
7		Chapter 14 : Ecosystem	stratification in forest	<a href="https://www.youtube.com/watch?v=KwFQ3y_F-N4">https://www.youtube.com/watch?v=KwFQ3y_F-N4</a>
			decomposition	<a href="https://www.youtube.com/watch?v=D82SEsThywk">https://www.youtube.com/watch?v=D82SEsThywk</a>
			time lapse video of decomposition	<a href="https://www.youtube.com/watch?v=U88nCY63Pw4">https://www.youtube.com/watch?v=U88nCY63Pw4</a>
			energy flow	<a href="https://www.youtube.com/watch?v=9x_4GiFW98A">https://www.youtube.com/watch?v=9x_4GiFW98A</a>
			food chain	<a href="https://www.youtube.com/watch?v=0ZOvqYypOuo">https://www.youtube.com/watch?v=0ZOvqYypOuo</a>
			food web	<a href="https://www.youtube.com/watch?v=MGODmyXkkPU">https://www.youtube.com/watch?v=MGODmyXkkPU</a>
			trophic levels in ecosystem	<a href="https://www.youtube.com/watch?v=0glkXlj1DgE">https://www.youtube.com/watch?v=0glkXlj1DgE</a>
				<a href="https://www.youtube.com/watch?v=NJplkriiUEg">https://www.youtube.com/watch?v=NJplkriiUEg</a>
			Hydrosere	<a href="https://www.youtube.com/watch?v=UsiEcapJ3KU">https://www.youtube.com/watch?v=UsiEcapJ3KU</a>
			Xerosere	<a href="https://www.youtube.com/watch?v=OuMUPYA3ao4">https://www.youtube.com/watch?v=OuMUPYA3ao4</a>
			Carbon cycle	<a href="https://www.youtube.com/watch?v=r75NL3gN5yU">https://www.youtube.com/watch?v=r75NL3gN5yU</a>
			Phosphorous cycle	<a href="https://www.youtube.com/watch?v=nfW6JJ0ZiG0">https://www.youtube.com/watch?v=nfW6JJ0ZiG0</a>
			SUCCESSION	<a href="https://www.khanacademy.org/science/biology/ecology/community-structure-and-diversity/v/ecological-succession">https://www.khanacademy.org/science/biology/ecology/community-structure-and-diversity/v/ecological-succession</a>
				<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/ecosystems-ecosystem-services/v/ecosystem-services">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/ecosystems-ecosystem-services/v/ecosystem-services</a>

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SL NO	Unit	CHAPTERS	Sub Topics	RELATED LINKS
8		Chapter 15 : Biodiversity and Conservation		
			WHAT IS BIODIVERSITY	<a href="https://youtu.be/_bk2nnDI68g">https://youtu.be/_bk2nnDI68g</a>
			LEVELS OF DIVERSITY	<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/levels-of-biodiversity/v/genes-and-biodiversity">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/levels-of-biodiversity/v/genes-and-biodiversity</a>
			GENETIC DIVERSITY RICE	<a href="https://youtu.be/ccm0MvIhBEA">https://youtu.be/ccm0MvIhBEA</a>
			SPECIES DIVERSITY	<a href="https://youtu.be/xxuEgALdOuw">https://youtu.be/xxuEgALdOuw</a>
			ECOSYSTEM DIVERSITY	<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/levels-of-biodiversity/v/ecosystem-biodiversity">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/levels-of-biodiversity/v/ecosystem-biodiversity</a>
			LATITUDINAL GRADIENTS	<a href="https://youtu.be/Ag-4OkhdbJ0">https://youtu.be/Ag-4OkhdbJ0</a>
				<a href="https://www.khanacademy.org/science/biology/ecology/biogeography/v/distributionwhy">https://www.khanacademy.org/science/biology/ecology/biogeography/v/distributionwhy</a>
			IMPORTANCE OF BIODIVERSITY	<a href="https://youtu.be/avxQQ0EXXVo">https://youtu.be/avxQQ0EXXVo</a>
			THREATS TO BIODIVERSITY	<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/threats-to-biodiversity/v/human-activities-that-threaten-biodiversity">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/threats-to-biodiversity/v/human-activities-that-threaten-biodiversity</a>
				<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/protecting-biodiversity/v/conservation-and-the-race-to-save-biodiversity">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/protecting-biodiversity/v/conservation-and-the-race-to-save-biodiversity</a>
			WHY TO CONSERVE BIODIVERSITY	<a href="https://youtu.be/LQ40F07uIWE">https://youtu.be/LQ40F07uIWE</a>
			ANTHROPOGENIC REASONS FOR LOSS OF BIODIVERSITY	<a href="https://youtu.be/ILBuhXqk7ww">https://youtu.be/ILBuhXqk7ww</a>
			HABITAT LOSS	<a href="https://www.youtube.com/watch?v=wXJiHr8jWBs">https://www.youtube.com/watch?v=wXJiHr8jWBs</a>
				<a href="https://youtu.be/FOkrPFZLOck">https://youtu.be/FOkrPFZLOck</a>
			PLANT POLLINATOR CO-EVOLUTION	<a href="https://www.khanacademy.org/science/biology/crash-course-bio-ecology/crash-course-biology-science/v/crash-course-biology-137">https://www.khanacademy.org/science/biology/crash-course-bio-ecology/crash-course-biology-science/v/crash-course-biology-137</a>
			DECLINE OF POLLINATORS	<a href="https://youtu.be/K0l-h89w8wM">https://youtu.be/K0l-h89w8wM</a>
			EXTINCTION THEN AND NOW	<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/threats-to-biodiversity/v/biodiversity-and-extinction-then-and-now">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/threats-to-biodiversity/v/biodiversity-and-extinction-then-and-now</a>
			BIODIVERSITY HOTSPOT	<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/global-distribution-of-biodiversity/v/biodiversity-hotspot">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/global-distribution-of-biodiversity/v/biodiversity-hotspot</a>
			PROTECTING THE BIODIVERSITY	<a href="https://www.khanacademy.org/science/biology/biodiversity-and-conservation/protecting-biodiversity/v/protecting-biodiversity-the-power-of-the-individual">https://www.khanacademy.org/science/biology/biodiversity-and-conservation/protecting-biodiversity/v/protecting-biodiversity-the-power-of-the-individual</a>
			BIODIVERSITY HOTSPOT WESTERN GHATS	<a href="https://youtu.be/HsqgEn-zhxw">https://youtu.be/HsqgEn-zhxw</a>
			SEED BANK	<a href="https://youtu.be/fSpJa35vatg">https://youtu.be/fSpJa35vatg</a>
			SEED BANK AND CONSERVATION	<a href="https://youtu.be/aKnXmmVtbug">https://youtu.be/aKnXmmVtbug</a>
			IN SITU CONSERVATION	<a href="https://youtu.be/djO5UoH0Zk4">https://youtu.be/djO5UoH0Zk4</a>

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SL NO	Unit	CHAPTERS	Sub Topics	RELATED LINKS
			PROTECTION OF THREATENED SPECIES	<a href="https://youtu.be/IH7zqob3o-c">https://youtu.be/IH7zqob3o-c</a>
			EARTH SUMMIT	<a href="https://youtu.be/9tWr7lxdMp4">https://youtu.be/9tWr7lxdMp4</a>
				<a href="https://youtu.be/cZs9ifC-vrs">https://youtu.be/cZs9ifC-vrs</a>
9		Chapter 16 : Environmental Issues	electrostatic precipitator	<a href="https://www.youtube.com/watch?v=AcyFY3iAdlw">https://www.youtube.com/watch?v=AcyFY3iAdlw</a>
			scrubber	<a href="https://www.youtube.com/watch?v=3HSc2uJ4cEs">https://www.youtube.com/watch?v=3HSc2uJ4cEs</a>
			working principle	<a href="https://www.youtube.com/watch?v=DZdHUZTd68">https://www.youtube.com/watch?v=DZdHUZTd68</a>
			components	<a href="https://www.youtube.com/watch?v=nM9mdY1OZTU">https://www.youtube.com/watch?v=nM9mdY1OZTU</a>
			by domestic and industrial effluents	<a href="https://www.youtube.com/watch?v=IG3vJAANw50">https://www.youtube.com/watch?v=IG3vJAANw50</a>
			Algal bloom	<a href="https://www.youtube.com/watch?v=P2q_FzFDMWk">https://www.youtube.com/watch?v=P2q_FzFDMWk</a>
			Eutrophication	<a href="https://www.youtube.com/watch?v=AxaWXWd2pw4">https://www.youtube.com/watch?v=AxaWXWd2pw4</a>
			Biomagnification	<a href="https://www.youtube.com/watch?v=85I7oPWUuak">https://www.youtube.com/watch?v=85I7oPWUuak</a>
			roads- using polyblends	<a href="https://www.youtube.com/watch?v=p2u87Ih3OI">https://www.youtube.com/watch?v=p2u87Ih3OI</a>
			Electronic waste	<a href="https://www.youtube.com/watch?v=pd8OhhqsW3A">https://www.youtube.com/watch?v=pd8OhhqsW3A</a>
			Radio active waste	<a href="https://www.youtube.com/watch?v=3QXSkXHDZgU&amp;t=316s">https://www.youtube.com/watch?v=3QXSkXHDZgU&amp;t=316s</a>
			Global warming	<a href="https://www.youtube.com/watch?v=ifrHogDujXw">https://www.youtube.com/watch?v=ifrHogDujXw</a>
			El nino effect	<a href="https://www.youtube.com/watch?v=WPA-KpldDVc">https://www.youtube.com/watch?v=WPA-KpldDVc</a>
				<a href="https://youtu.be/d6s0T0m3F8s">https://youtu.be/d6s0T0m3F8s</a>
			CFC damaging ozone	<a href="https://www.youtube.com/watch?v=PXV6ppONgUk">https://www.youtube.com/watch?v=PXV6ppONgUk</a>
			ozone hole	<a href="https://youtu.be/3b-1gme0bsM">https://youtu.be/3b-1gme0bsM</a>
			causes	<a href="https://youtu.be/rmKMm-55GGk">https://youtu.be/rmKMm-55GGk</a>
			causes	<a href="https://youtu.be/lc-J6hcSKa8">https://youtu.be/lc-J6hcSKa8</a>
			slash and burn agriculture	<a href="https://youtu.be/vt3opERMHe4">https://youtu.be/vt3opERMHe4</a>
			the tree hugger- amrtitadevi	<a href="https://www.youtube.com/watch?v=gnAH2j-nFhs">https://www.youtube.com/watch?v=gnAH2j-nFhs</a>