

Maratha Vidya Prasarak Samaj's
GMD Arts, BW Commerce & Science College, Sinnar

Details of Video Lecture (e-Content)

Department of Botany

Sr. No.	Name of the Teacher	Class	Topic	Video link
1.	Dr. Chavre B.W.	T.Y.B.Sc	Introduction to Genetics	https://youtu.be/3Ual_L44IoE
2.	Dr. Chavre B.W.	T.Y.B.Sc	Mendelism – Mendels Biography and Experimental material	https://youtu.be/2miD5-aG6DE
3.	Dr. Chavre B.W.	T.Y.B.Sc	Mendelism Monohybrid and Dihybrid cross	https://youtu.be/TA5jqsvoby0
4.	Dr. Chavre B.W.	T.Y.B.Sc	Mendelism- Back and test cross	https://youtu.be/4I9UhmWdC6U
5.	Dr. Chavre B.W.	T.Y.B.Sc	Mendelism- Law of Dominance	https://youtu.be/-0D_WMDXA7I
6.	Dr. Chavre B.W.	T.Y.B.Sc	Incomplete Dominance and Codominance	https://youtu.be/aN9tfAPfwL8
7.	Dr. Chavre B.W.	T.Y.B.Sc	Law of Segregation or Law of Purity of gametes	https://youtu.be/UY-DLVgB1CA
8.	Dr. Chavre B.W.	T.Y.B.Sc	Law of Independent Assortment	https://youtu.be/xQtjpmDaYHI
9.	Dr. Chavre B.W.	T.Y.B.Sc	Interaction of Genes	https://youtu.be/yd2N8v2BKWM
10.	Dr. Chavre B.W.	T.Y.B.Sc	COMPLEMENTARY GENES	https://youtu.be/hIZYuCCv5XA
11.	Dr. Chavre B.W.	T.Y.B.Sc	Duplicate genes	https://youtu.be/0VOnqFDR9YY
12.	Dr. Chavre B.W.	T.Y.B.Sc	Masking genes or Dominant epistasis (12: 3:1)	https://youtu.be/1-y5Wy7zykc
13.	Dr. Chavre B.W.	T.Y.B.Sc	Supplementary genes or Recessive Epistasis (9.3:4)	https://youtu.be/RQ5IuGjUdPc
14.	Dr. Chavre B.W.	T.Y.B.Sc	Inhibitory genes (13: 3)	https://youtu.be/VycdH29ljs
15.	Dr. Chavre B.W.	T.Y.B.Sc	Polymeric genes or Duplicate genes with cumulative effect (9: 6:1)	https://youtu.be/ov-vzmrTNY
16.	Dr. Chavre B.W.	T.Y.B.Sc	Multiple Alleles	https://youtu.be/D8yi9yEOLtE

17.	Dr. Chavre B.W.	T.Y.B.Sc	Lethal genes (2:1)	https://youtu.be/OysTZd0kgzI
18.	Dr. Chavre B.W.	T.Y.B.Sc	Multiple Alleles- Eye Colour in Drosophila	https://youtu.be/OnvIWRIPUmg
19.	Dr. Chavre B.W.	T.Y.B.Sc	Multiple Alleles – Self incompatibility in Nicotiana Tobacco	https://youtu.be/dfT2sGy4f14
20.	Dr. Chavre B.W.	T.Y.B.Sc	Linkage	https://youtu.be/DjdE3TSHG1E
21.	Dr. Chavre B.W.	T.Y.B.Sc	Complete and Incomplete Linkage	https://youtu.be/EnnOUsNwiSc
22.	Dr. Chavre B.W.	T.Y.B.Sc	Crossing Over- Definition, Types and significance	https://youtu.be/t7pjYraTGyI
23.	Dr. Chavre B.W.	T.Y.B.Sc	Two Point Test Cross	https://youtu.be/Z_YbalMWtFY
24.	Dr. Chavre B.W.	T.Y.B.Sc	Three point test cross & Construction of gene map	https://youtu.be/8CqCVK9okkU
25.	Dr. Chavre B.W.	T.Y.B.Sc	Quantitative Inheritance	https://youtu.be/2Us1z8aI2pk
26.	Dr. Chavre B.W.	T.Y.B.Sc	Quantitative Inheritance- Inheritance of Cob Length in Maize	https://youtu.be/fNBxQ7dOAFU
27.	Dr. Chavre B.W.	T.Y.B.Sc	Cytoplasmic Inheritance- Definition and Concept	https://youtu.be/FgxI31RFjNM
28.	Dr. Chavre B.W.	T.Y.B.Sc	Cytoplasmic Inheritance- Chloroplast- Variegation in 4'o clock Plant (Mirabilis jalapa)	https://youtu.be/7cTuC4H62cI
29.	Dr. Chavre B.W.	T.Y.B.Sc	Cytoplasmic Inheritance or Mitochondrial Inheritance- Petite Mutants in Yeast	https://youtu.be/NyplPV1p79I
30.	Dr. Chavre B.W.	T.Y.B.Sc	Sex Linked Inheritance-	https://youtu.be/DXAqJX0rS8I
31.	Dr. Chavre B.W.	T.Y.B.Sc	X linked Inheritance Eye Colour in Drosophila	https://youtu.be/6Ug5ru3LOKU
32.	Dr. Chavre B.W.	T.Y.B.Sc	X linked inheritance Colourblindness in Human	https://youtu.be/6aD38-JN54M
33.	Dr. Chavre B.W.	T.Y.B.Sc	Y Linked Inheritance- Holandric gene	https://youtu.be/iOqUU-osv1w
34.	Dr. Chavre B.W.	T.Y.B.Sc	Sex Influenced Genes	https://youtu.be/fYKi1AGhDOA

35.	Dr. Chavre B.W.	T.Y.B.Sc	Sex Limited Genes	https://youtu.be/hm4vqn4e1MI
36.	Dr. Chavre B.W.	T.Y.B.Sc	Numerical changes in chromosomes- Euploidy	https://youtu.be/QwV8eGpsgYE
37.	Dr. Chavre B.W.	T.Y.B.Sc	Overview Of The Course on Genetics	https://youtu.be/xzCNHqyyNn0
38.	Dr. Chavre B.W.	T.Y.B.Sc	Monoploidy	https://youtu.be/r9fA2MKujLw
39.	Dr. Chavre B.W.	T.Y.B.Sc	Polyploidy- Concepts and characteristics	https://youtu.be/GegIFVaucIc
40.	Dr. Chavre B.W.	T.Y.B.Sc	Three point test cross & Construction of gene map	https://youtu.be/8CqCVK9okkU
41.	Dr. Chavre B.W.	T.Y.B.Sc	Quantitative Inheritance	https://youtu.be/2Us1z8aI2pk
42.	Dr. Chavre B.W.	T.Y.B.Sc	Quantitative Inheritance- Inheritance of Cob Length in Maize	https://youtu.be/fNBxQ7dOAFU
43.	Dr. Chavre B.W.	T.Y.B.Sc	Cytoplasmic Inheritance- Definition and Concept	https://youtu.be/FgxI31RFjNM
44.	Dr. Chavre B.W.	T.Y.B.Sc	Cytoplasmic Inheritance- Chloroplast- Variegation in 4'o clock Plant (Mirabilis jalapa)	https://youtu.be/7cTuC4H62cI
45.	Dr. Chavre B.W.	T.Y.B.Sc	Cytoplasmic Inheritance or Mitochondrial Inheritance- Petite Mutants in Yeast	https://youtu.be/NyplPV1p79I
46.	Dr. Chavre B.W.	T.Y.B.Sc	Sex Linked Inheritance- Autosomes and Sex chromosomes	https://youtu.be/DXAqJX0rS8I
47.	Dr. Chavre B.W.	T.Y.B.Sc	Monoploidy	https://youtu.be/r9fA2MKujLw
48.	Dr. Chavre B.W.	T.Y.B.Sc	Polyploidy- Concepts and characteristics	https://youtu.be/GegIFVaucIc
49.	Dr. Chavre B.W.	T.Y.B.Sc	Autopolyploidy	https://youtu.be/PB8IHLUEPRI
50.	Dr. Chavre B.W.	T.Y.B.Sc	Allopolyploidy	https://youtu.be/TEIxdEk2PH8
51.	Dr. Chavre B.W.	T.Y.B.Sc	Aneuploidy- Monosomy, Nullisomy & Trisomy	https://youtu.be/INIQVgEhAek
52.	Dr. Chavre B.W.	T.Y.B.Sc	Trisomy in <i>Datura</i> and <i>Human</i>	https://youtu.be/AGKBAAt8ngGQ

53.	Dr. Chavre B.W.	T.Y.B.Sc	Structural changes in chromosomes	https://youtu.be/hJnA03_9ms8
54.	Dr. Chavre B.W.	T.Y.B.Sc	Deletion	https://youtu.be/004XP9Oi26U
55.	Dr. Chavre B.W.	T.Y.B.Sc	Duplication	https://youtu.be/PmoHmkmqrzo
56.	Dr. Chavre B.W.	T.Y.B.Sc	Inversion	https://youtu.be/moCGXKpAT1g
57.	Dr. Chavre B.W.	T.Y.B.Sc	Translocation	https://youtu.be/JkdyuLNHtPs
58.	Dr. Chavre B.W.	T.Y.B.Sc	Cell Biology	https://youtu.be/WP2xPqG_FkI
59.	Dr. Chavre B.W.	T.Y.B.Sc	Prokaryotic cell	https://youtu.be/MhgNuqY9X6o
60.	Dr. Chavre B.W.	S.Y.B.Sc	Plant Physiology- Introduction, Scope and Applications	https://youtu.be/EoUjXI4W2us
61.	Dr. Chavre B.W.	S.Y.B.Sc	Role of water in Plants	https://youtu.be/NcOg6LgMtcI
62.	Dr. Chavre B.W.	S.Y.B.Sc	Mechanism Of Water Absorption- Active Absorption	https://youtu.be/ApjUikBeMt4
63.	Dr. Chavre B.W.	S.Y.B.Sc	Mechanism of Water absorption- Passive Water Absorption	https://youtu.be/Lple2KgKR7I
64.	Dr. Chavre B.W.	S.Y.B.Sc	Factors Affecting Rate Of Water Absorption	https://youtu.be/UgZH1ylguOc
65.	Dr. Chavre B.W.	S.Y.B.Sc	Ascent of Sap	https://youtu.be/m8_Xwq0pWmo
66.	Dr. Chavre B.W.	S.Y.B.Sc	Transpiration Pull/ Cohesion-tension theory of ascent of sap	https://youtu.be/9Lpy5jXXJsA
67.	Dr. Chavre B.W.	S.Y.B.Sc	Evidences and Objections Of Transpiration Pull Theory 1	https://youtu.be/FFJ3CDm0kWo
68.	Dr. Chavre B.W.	S.Y.B.Sc	Factors Affecting Ascent of Sap	https://youtu.be/5Lkj8Ykwmd8
69.	Dr. Chavre B.W.	S.Y.B.Sc	Transpiration	https://youtu.be/2okQb5rYc08
70.	Dr. Chavre B.W.	S.Y.B.Sc	Mechanism of opening and closing of stomata	https://youtu.be/8ZZ05edugpI
71.	Dr. Chavre B.W.	S.Y.B.Sc	Stewards Hypothesis	https://youtu.be/mTIPcZ76lcA

72.	Dr. Chavre B.W.	S.Y.B.Sc	Active K ⁺ transport	https://youtu.be/aguN3IUyMFA
73.	Dr. Chavre B.W.	S.Y.B.Sc	Factors affecting rate of transpiration	https://youtu.be/mdhiDB6cUTE
74.	Dr. Chavre B.W.	S.Y.B.Sc	Antitranspirants	https://youtu.be/igKIZMk87_U
75.	Dr. Chavre B.W.	S.Y.B.Sc	Guttation and Exudation	https://youtu.be/1pmd6GGRVVs
76.	Dr. Chavre B.W.	S.Y.B.Sc	Nitrogen metabolism	https://youtu.be/OhA7TiEXXn4
77.	Dr. Chavre B.W.	S.Y.B.Sc	Nitrogen Fixation	https://youtu.be/bqSpyY6PETo
78.	Mr. More Akshay V.	F.Y.B.Sc	Syllabus Discussion	https://youtu.be/6AzJk7TWR5I
79.	Mr. More Akshay V.	F.Y.B.Sc	Inflorescence Part-I	https://youtu.be/55_ziXj2W90
80.	Mr. More Akshay V.	F.Y.B.Sc	Inflorescence Part-II	https://youtu.be/HNInjWNLqgw
81.	Mr. More Akshay V.	T.Y.B.Sc	Biostatistics Part - I	https://youtu.be/DxupSb-LWOg
82.	Mr. More Akshay V.	T.Y.B.Sc	Biostatistics Part - II	https://youtu.be/30NI2k-AHIM
83.	Mr. More Akshay V.	F.Y.B.Sc	Inflorescence Part-III	https://youtu.be/lkRb7twh-J0
84.	Mr. More Akshay V.	F.Y.B.Sc	Inflorescence Part-IV	https://youtu.be/YMJIXq0YJPI
85.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-I	https://youtu.be/m-ti6bUco70
86.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-II	https://youtu.be/nZlF4ISGmQk
87.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-III	https://youtu.be/us0Tvdcvwb0
88.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-V	https://youtu.be/wicKgj-iW4E
89.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-VI	https://youtu.be/C83yt5p4LsE
90.	Mr. More Akshay V.	T.Y.B.Sc	Mean	https://youtu.be/1ERryluQA5U
91.	Mr. More Akshay V.	T.Y.B.Sc	Median	https://youtu.be/yuO17-ikTpo
92.	Mr. More Akshay V.	T.Y.B.Sc	Mode	https://youtu.be/vBQtcDmgHk
93.	Mr. More Akshay V.	T.Y.B.Sc	Range	https://youtu.be/5Fv_eF3BC2U
94.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-VII	https://youtu.be/H66IfITJmI4
95.	Mr. More Akshay V.	F.Y.B.Sc	Flower Part-VIII	https://youtu.be/fU4NSwvMeqU
96.	Mr. More Akshay V.	F.Y.B.Sc	Fruit Part-I	https://youtu.be/XmRnNs9ZlVo
97.	Mr. More Akshay V.	F.Y.B.Sc	Fruit Part-II	https://youtu.be/kJTUb9zNi2U

98.	Mr. More Akshay V.	T.Y.B.Sc	Mean Deviation	https://youtu.be/Curwl9NpoBk
99.	Mr. More Akshay V.	T.Y.B.Sc	Standard Deviation-I	https://youtu.be/0fAKNRXPO5U
100	Mr. More Akshay V.	T.Y.B.Sc	Standard Deviation-II	https://youtu.be/2XxYn_yx0uo
101	Mr. More Akshay V.	T.Y.B.Sc	Standard Deviation-III	https://youtu.be/1AcF7KfTIwk
102	Mr. More Akshay V.	T.Y.B.Sc	Variance	https://youtu.be/96gysegrN4
103	Mr. More Akshay V.	T.Y.B.Sc	Properties of Coefficient-I	https://youtu.be/MbMnXIPx7-w
104	Mr. More Akshay V.	T.Y.B.Sc	Properties of Coefficient-II	https://youtu.be/tjr06xTUGNA
105	Mr. More Akshay V.	T.Y.B.Sc	Properties of Coefficient-III	https://youtu.be/rtHfTVh4ytU
106	Mr. More Akshay V.	T.Y.B.Sc	Histogram	https://youtu.be/bEV_qvPX5Ss
107	Mr. More Akshay V.	T.Y.B.Sc	Frequency polygon	https://youtu.be/SL9PqzRTpvl
108	Mr. More Akshay V.	T.Y.B.Sc	Frequency Curve data	https://youtu.be/qzdkZrmXhkM
109	Mr. More Akshay V.	T.Y.B.Sc	Scatter or Dot Diagram	https://youtu.be/BrzkNgUnGbs
110	Mr. More Akshay V.	T.Y.B.Sc	Line Diagram	https://youtu.be/DfJlqkiyiNI
111	Mr. More Akshay V.	T.Y.B.Sc	Bar Diagram	https://youtu.be/j3R734DewEI
112	Mr. More Akshay V.	S.Y.B.Sc	Syllabus Discussion	https://youtu.be/nJibJWpR5TI
113	Mr. More Akshay V.	S.Y.B.Sc	Introduction to Environment	https://youtu.be/vZDHz-OzCk
114	Mr. More Akshay V.	T.Y.B.Sc	Pie Diagram	https://youtu.be/dJtTw0mfjmU
115	Mr. More Akshay V.	S.Y.B.Sc	Forest Resources Part-I	https://youtu.be/_CTS4Wp6B1k
116	Mr. More Akshay V.	S.Y.B.Sc	Forest Resources Part-II	https://youtu.be/h_4TywWZVIO
117	Mr. More Akshay V.	S.Y.B.Sc	Water Resources Part-I	https://youtu.be/VzI9bYJ5wd4
118	Mr. More Akshay V.	S.Y.B.Sc	Water Resources Part-II	https://youtu.be/3QQL64_yFqA
119	Mr. More Akshay V.	S.Y.B.Sc	Water Resources Part-III	https://youtu.be/KCDZot9Pp2Q
120	Mr. More Akshay V.	S.Y.B.Sc	Mineral Resources	https://youtu.be/Vc1BFQbrD-k
121	Mr. More Akshay V.	S.Y.B.Sc	Food Resources	https://youtu.be/5Jieep8745E
122	Mr. More Akshay V.	S.Y.B.Sc	Energy Resources	https://youtu.be/gF3gTibI5E0
123	Mr. More Akshay V.	S.Y.B.Sc	Land Resources	https://youtu.be/oQOS6dvmefM

124	Mr. More Akshay V.	T.Y.B.Sc	Syllabus Discussion	https://youtu.be/A8ck36Amx74
125	Mr. More Akshay V.	T.Y.B.Sc	Introduction to Genetics	https://youtu.be/EIWEwT0B33Y
126	Mr. More Akshay V.	T.Y.B.Sc	Genetical Terminology	https://youtu.be/g_5qON9Eowl
127	Mr. More Akshay V.	T.Y.B.Sc	Monohybrid cross	https://youtu.be/bCJHjCcGoDs
128	Mr. More Akshay V.	T.Y.B.Sc	Mendel's Law of Dominance	https://youtu.be/OukNORw1F58
129	Mr. More Akshay V.	T.Y.B.Sc	Incomplete Dominance	https://youtu.be/YdeK9OFJGGw
130	Mr. More Akshay V.	T.Y.B.Sc	Law of Segregation	https://youtu.be/s3iXOcyGkxI
131	Mr. More Akshay V.	T.Y.B.Sc	Dihybrid cross	https://youtu.be/IYFQcgRrhNY
132	Mr. More Akshay V.	T.Y.B.Sc	Law of Independent Assortment	https://youtu.be/ehyGWJkrGOw
133	Mr. More Akshay V.	T.Y.B.Sc	Back cross	https://youtu.be/c7JisifNMOI4
134	Mr. More Akshay V.	T.Y.B.Sc	Test Cross	https://youtu.be/z9Fl56bXRgw
135	Mr. More Akshay V.	T.Y.B.Sc	Complementary gene Interaction	https://youtu.be/vzDhzWjTxrQ
136	Mr. More Akshay V.	T.Y.B.Sc	Duplicate gene Interaction	https://youtu.be/qJ78UZL0xSU
137	Mr. More Akshay V.	T.Y.B.Sc	Masking gene Interaction	https://youtu.be/uwgTvW2Icjo
138	Mr. More Akshay V.	T.Y.B.Sc	Supplementary gene Interaction	https://youtu.be/F5wLylzw03Y
139	Mr. More Akshay V.	T.Y.B.Sc	Inhibitory gene Interaction	https://youtu.be/gRwsF305Igl
140	Mr. More Akshay V.	T.Y.B.Sc	Lethal gene Interaction	https://youtu.be/wOVv-5Biy6k
141	Mr. More Akshay V.	S.Y.B.Sc	Ecosystem Part - I	https://youtu.be/luZNsZLghTE
142	Mr. More Akshay V.	S.Y.B.Sc	Ecosystem Part - II	https://youtu.be/e2O63dleGuc
143	Mr. More Akshay V.	S.Y.B.Sc	Ecosystem Part - III	https://youtu.be/NjCRjhcVXBA
144	Mr. More Akshay V.	S.Y.B.Sc	Ecosystem Part - IV	https://youtu.be/UvkP0NaICy4
145	Mr. More Akshay V.	S.Y.B.Sc	Ecological Pyramids	https://youtu.be/ztD2jPwq3Bg
146	Mr. More Akshay V.	S.Y.B.Sc	Forest Ecosystem	https://youtu.be/B8xf7aSt0Aw
147	Mr. More Akshay V.	S.Y.B.Sc	Grassland Ecosystem	https://youtu.be/3PGLfMINW-4
148	Mr. More Akshay V.	S.Y.B.Sc	Desert Ecosystem	https://youtu.be/NBzAZLi6SIg
149	Mr. More Akshay V.	S.Y.B.Sc	Aquatic Ecosystem	https://youtu.be/kyZdb2L7BNA

150	Mr. More Akshay V.	S.Y.B.Sc	Introduction to Biodiversity	https://youtu.be/O8XxhJ4zL8
151	Mr. More Akshay V.	S.Y.B.Sc	Value of Biodiversity	https://youtu.be/bMoVQ4UINYc
152	Mr. More Akshay V.	S.Y.B.Sc	Hot-spots of Biodiversity	https://youtu.be/4IXS6hVgmGY
153	Mr. More Akshay V.	S.Y.B.Sc	Conservation of Biodiversity	https://youtu.be/JV43CNKMsrc