GOVT. HOLKAR (MODEL AUTONOMOUS) SCIENCE COLLEGE, INDORE

(An ISO 9001:2015 & ISO 14001:2015 Certified Instituion)

SSR DOCUMENT

2017-18 TO 2021-22

CRITERION –1

CURRICULAR ASPECTS

Metric No. : 1.2.1

Document Title:

List of New Course Introduced During the Last Five Years Session: 2017-2018 to 2021-2022

Title: List of New Course Introduced During the Last Five Years
Session: 2017-2018 to 2021-2022

Content

Title: List of New Course Introduced Course in the session 2017-2018

S. No.	Name of the Course	Course Code	Year of introduction (during the last five years)
1	Biomolecules	101 - I	2017-18
2	Biophysical & Biochemical Techniques	101 - II	2017-18
3	Introduction to Bioinformatics	102 - I	2017-18
4	concept of Bioinformatics	102 - II	2017-18
5	Cell Structure and Biology	103 - I	2017-18
6	Microbiology	103 - II	2017-18
7	Diversity of Lower Plants	104 - I	2017-18
8	Diversity of Higher Plants	104 - II	2017-18
9	Physical Chemistry	105 - I	2017-18
10	Inorganic Chemistry	105 - II	2017-18
11	Organic Chemistry	105 - III	2017-18
12	Introduction To Forensic Science	122 - I	2017-18
13	Crime Investigation	122 - II	2017-18
14	Physical Geography (Lithosphere)	123 - I	2017-18
15	Introduction To Geography and Human Geography	123 - II	2017-18
16	Geodynamics and Geomorphology	111 - I	2017-18
17	Crystallography and Mineralogy	111 - II	2017-18
18	Pharmaceutical organic chemistry	116 - I	2017-18
19	Inorganic & Pharmaceutical analysis	116 - II	2017-18
20	Basics of Semiconductors & Devices	107 - I	2017-18
21	Electronics Circuit & Fundamentals of Digital Electronics	107 - II	2017-18
22	General Microbiology& Cell biology	115 - I	2017-18
23	Tools & Techniques in microbiology	115 - II	2017-18
24	Mathematical physics, Mechanics & Properties of matter	117 - I	2017-18
25	Thermodynamics and Statistical Physics	117 - II	2017-18
26	Invertebrate	120 - I	2017-18
27	Cell Biology and Developmental Biology	120 - II	2017-18
28	Hindi Language	109 -	2017-18
29	Statistical Methods	119 - I	2017-18
30	Probability & Probability Distribution	119 - II	2017-18

31	Micro Economics	121 - I	2017-18
32	Indian Economy	121 - II	2017-18
33	Fundamentals of Computer	106 - I	2017-18
34	Programming in C	106 - II	2017-18
35	English Language	108 -	2017-18
36	Principal of Seed Technology	118 - I	2017-18
37	Seed Production and practices	118 - II	2017-18
38	Algebra and Trigonometry	114 - I	2017-18
39	Calculus and Differential Equation	114 - II	2017-18
40	Vector Analysis and Geometry	114 - III	2017-18
41	Basic of Horticulture	112 - I	2017-18
42	Fruit and Vegetable Production	112 - II	2017-18
43	Fish biology	113 - I	2017-18
44	Capture Fisheries	113 - II	2017-18
45	Entrepreneurship & Development	110 -	2017-18
46	Computational Methods and Programming	P-43-B	2017-18

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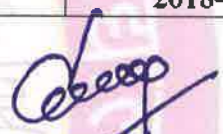Science College, Indore

Title: List of New Course Introduced Course in the session 2018-2019

S. No.	Name of the Course	Course Code	Year of introduction (during the last five years)
1	Enzymology	201 - I	2018-19
2	Intermediary Metabolism	201 - II	2018-19
3	Introduction to Computer & Programming	202 - I	2018-19
4	Structural Bioinformatics	202 - II	2018-19
5	Biophysics and Biochemistry	203 - I	2018-19
6	Bioinstrumentations, Biostatistics and Bioinformatics	203 - II	2018-19
7	Physical Chemistry	205 - I	2018-19
8	Inorganic Chemistry	205 - II	2018-19
9	Organic Chemistry	205 - III	2018-19
10	Object Oriented Programming concept using C++	206 - I	2018-19
11	Data Structure	206 - II	2018-19
12	Digital Electronics and Microprocessor	207 - I	2018-19
13	Operational Amplifier & Instrumentations	207 - II	2018-19
14	English Language	208 -	2018-19
15	Hindi Language	209 -	2018-19
16	Environmental Studies	210 -	2018-19
17	Petrology	211 - I	2018-19
18	Structural Geology	211 - II	2018-19
19	Establishment & management of orchard and nursery	212 - I	2018-19
20	Farming Systems in Horticulture	212 - II	2018-19
21	Abstract Algebra	214 - I	2018-19
22	Advanced calculus	214 - II	2018-19
23	Differential Equation	214 - III	2018-19
24	Biochemistry and Microbial Physiology	215-I	2018-19
25	Microbial Genetics and Molecular Biology	215-II	2018-19
26	Medicinal Chemistry -I	216 - I	2018-19
27	Chemistry of Natural Products	216 - II	2018-19
28	Plant Breeding	218 - I	2018-19
29	Seed Testing and Quality Control	218 - II	2018-19
30	Statistical Inference	219 - I	2018-19

31	Sampling Technique	219 - II	2018-19
32	Vertebrates & Evolution	220 - I	2018-19
33	Animal Physiology & Bio-Chemistry	220 - II	2018-19
34	Macro Economics	221 - I	2018-19
35	Public Finance & International Economics	221 - II	2018-19
36	Indian Penal Code, Criminal Procedure Code, Indian Evidence Act and Judicial System	222 - I	2018-19
37	Examination of physical Evidence and Forensic Ballistics	222 - II	2018-19
38	Physical Geography (Atmosphere and Hydrosphere)	223 - I	2018-19
39	Economic Geography	223 - II	2018-19
40	Digital Computer Organization	155	2018-19
41	Operating System Fundamentals	255	2018-19
42	Structure, Development and Reproduction in Flowering Plants	204 - I	2018-19
43	Plant Ecology, Biodiversity and Phytogeography	204 - II	2018-19
44	Aquaculture, Fish Diseases & pwan Culture	213 - I	2018-19
45	Aquarium Fishes, Ichthyology (Fish) & Postharvest techniques	213 - II	2018-19
46	Optics	217-I	2018-19
47	Elecostaticss, Magneto Statics Electrodynamics	217-II	2018-19

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Title: List of New Course Introduced Course in the session 2019-2020

S. No.	Name of the Course	Course Code	Year of introduction (during the last five years)
1	Molecular Biology	301 - I	2019-2020
2	Nutrional, clinical and Environmental Biochemistry	301 - II	2019-2020
3	Biostatistics	302 - I	2019-2020
4	Mathematics for Biological Sciences	302 - II	2019-2020
5	Molecular Biology and Genetic Engineering	303 - I	2019-2020
6	Applied Biotechnology	303 - II	2019-2020
7	Taxonomy & Embryology of Anglo sperm	204 - I	2019-2020
8	Plant Physiology & Biochemistry	304 - I	2019-2020
9	Cell Biology Genetics & Biotechnology	304 - II	2019-2020
10	Physical Chemistry	305 - I	2019-2020
11	Inorganic Chemistry	305 - II	2019-2020
12	Organic Chemistry	305 - III	2019-2020
13	Database Management System	306 - I	2019-2020
14	Operating system concepts	306 - II	2019-2020
15	Thyristors, IC technology, Microprocessor& Electrical Motors	307 - I	2019-2020
16	Communication Electronics	307 - II	2019-2020
17	English Language	308 -	2019-2020
18	Hindi Language	309 -	2019-2020
19	Computer Concept	310 -	2019-2020
20	Palaeontology and Stratigraphy	311 - I	2019-2020
21	Earth Resources and Applied Geology	311 - II	2019-2020
22	Soil Productivity Agro Forestry	312 - I	2019-2020
23	Processing of Horticultural Crops& Value addition	312 - II	2019-2020
24	Fishery Economics & Extension Education	313 - I	2019-2020
25	Limnology and Fish Productivity	313 - II	2019-2020
26	Linear Algebra& numerical analysis	314 - I	2019-2020
27	Real and Complex Analysis	314 - II	2019-2020
28	Discrete Mathematics	314 - III	2019-2020
29	Applied & Environment Microbiology	315 - I	2019-2020
30	Immunology & Medical Microbiology	315 - II	2019-2020
31	Medicinal Chemistry -II	316 - I	2019-2020
32	Instrumental Analysis	316 - II	2019-2020

33	Quantum Mechanics & Spectroscopy	317 - I	2019-2020
34	Solid state Physics, Semiconductor	317 - II	2019-2020
35	Seed Pathology & Entomology	318 - I	2019-2020
36	Seed Processing, Storage & Marketing	318 - II	2019-2020
37	Applied Statistics	319 - I	2019-2020
38	SQC & Design of Experiments	319 - II	2019-2020
39	Genetics	320 - I	2019-2020
40	Ecology and Applied Zoology	320 - II	2019-2020
41	Development & Environment Economics	321 - I	2019-2020
42	Statistics	321 - II	2019-2020
43	Forensic Medicine & Toxicology	322 - I	2019-2020
44	Detective Tools & Techniques	322 - II	2019-2020
45	Geography and India	323 - I	2019-2020
46	Environment & Resources	323 - II	2019-2020
47	Object Oriented Programming Using C++	353	2019-2020
48	Unix Operating System	354	2019-2020
49	Accounting & Financial Management	355	2019-2020
50	Computer Oriented Numerical Methods (Using 'C' Language)	451	2019-2020
51	Software Engineering	452	2019-2020
52	Programming with JAVA	454	2019-2020
53	Environment Awareness & Green Computing	455	2019-2020
54	Cheminformatics	CH-44-E	2019-2020
55	Forensic Physics	FS-41	2019-2020
56	Computer & Cyber Forensic	FS-42	2019-2020
57	Discrete Mathematics	351	2019-2020
58	Data Structure Using C	352	2019-2020
59	Entrepreneurship	456	2019-2020
60	Instrumental Methods - Biological	FS-32	2019-2020

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Title: List of New Course Introduced Course in the session 2020-2021

S. No.	Name of the Course	Course Code	Year of introduction (during the last five years)
1	Linear Algebra and Geometry	551	2020-21
2	Computer Networks	552	2020-21
3	Introduction to Cloud Computing	553	2020-21
4	Introduction to Data Science	554	2020-21
5	Human Values and Professional Ethics	555	2020-21
6	Information Technology Trend	556	2020-21
7	Operations Research	651	2020-21
8	Internet and Web Technology using PHP	652	2020-21
9	Computer Graphics and Multimedia	653	2020-21
10	Principal and Practices of Management	654	2020-21
11	Applied Clinical Biochemistry	BC-42	2020-21
12	Environmental Biochemistry	BC-44-B	2020-21
13	Applied Forensic Science and Scientific Investigation of Crime	FS-42	2020-21
14	Applied Pharmaceutics - I	PC-34-B	2020-21
15	Applied Pharmaceutics - II	PC-44-B	2020-21
16	Applied Zoology	Z-44-C	2020-21
17	Applied Botany	BO-44-C	2020-21

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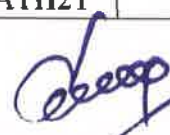Science College, Indore

Title: List of New Course Introduced Course in the session 2021-2022
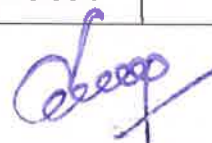
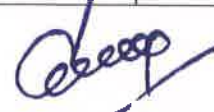| S. No.	Name of the Course	Course Code	Year of introduction (during the last five years)
1	Biochemical Techniques (Major)	S1-BCH1T	2021-22
2	Chemistry of Biomolecules (Minor)	S1-BCH2T	2021-22
3	Basics of Biochemistry (Open Elective)	S1-BCH3T	2021-22
4	Chemistry of Biomolecules (Major)	S2-BCH1T	2021-22
5	Biochemical Techniques (Minor)	S2-BCH2T	2021-22
6	Analytical Techniques (Open Elective)	S2-BCH3T	2021-22
7	Cell and Molecular Biology (Major)	S1-BINFO1T	2021-22
8	Cell and Molecular Biology (Minor)	S1-BINFO2T	2021-22
9	General Introduction to Bioinformatics (Open Elective)	S1-BINFO3T	2021-22
10	General Introduction to Bioinformatics (Major)	S2-BINFO1T	2021-22
11	Fundamentals of Bioinformatics (Minor)	S2-BINFO2T	2021-22
12	Basic of Bioinformatics (Open Elective)	S2-BINFO3T	2021-22
13	Cell Biology and Biochemistry (Major)	S1-BTECH1T	2021-22
14	Microbiology and Immunology (Minor)	S1-BTECH2T	2021-22
15	Microbiology and Immunology (Open Elective)	S1-BTECH3T	2021-22
16	Microbiology and Immunology (Major)	S2-BINFO1T	2021-22
17	Cell Biology and Biochemistry (Minor)	S2-BINFO2T	2021-22
18	Microbiology (Open Elective)	S2-BINFO3T	2021-22
19	Applied Botany (Major)	S1-BOT1T	2021-22
20	Basic Botany (Minor)	S1-BOT2T	2021-22
21	Basic Botany (Open Elective)	S1-BOT3T	2021-22
22	Basic Botany (Major)	S2-BOT1T	2021-22
23	Applied Botany (Minor)	S2-BOT2T	2021-22
24	Functional Botany (Open Elective)	S2-BOT3T	2021-22
25	Fundamentals of Chemistry (Major)	S1-CHEM1T	2021-22
26	Analytical Chemistry (Minor)	S1-CHEM2T	2021-22
27	Chemistry in Everyday Life (Open Elective)	S1-CHEM3T	2021-22
28	Analytical Chemistry (Major)	S2-CHEM1T	2021-22
29	Fundamentals of Chemistry (Minor)	S2-CHEM2T	2021-22
30	General Aspects of Chemistry (Open Elective)	S2-CHEM3T	2021-22
31	Computer System Architecture (Major)	S1-CSC1T	2021-22
32	Programming Methodologies and Data Structure (minor)	S1-CSC2T	2021-22

33	Computer System Architecture (Open Elective)	S1-CSC3T	2021-22
34	Multimedia & Animation- I (Open Elective)	S1-CSC4T	2021-22
35	Programming Methodologies and Data Structure (major)	S2-CSC1T	2021-22
36	Computer System Architecture (Minor)	S2-CSC2T	2021-22
37	Multimedia & Animation- II (Open Elective)	S2-CSC3T	2021-22
38	Programming Methodologies and Data Structure (Open Elective)	S2-CSC4T	2021-22
39	Semiconductor Devices (Major)	S1-ELE1T	2021-22
40	Basic Circuit Theory and Network Analysis (Minor)	S1-ELE2T	2021-22
41	Introduction of Electronics Components and Network (Open Elective)	S1-ELE3T	2021-22
42	Basic Circuit Theory and Network Analysis (major)	S2-ELE1T	2021-22
43	Semiconductor Devices (Minor)	S2-ELE2T	2021-22
44	Basic of Semiconductor Devices (Open Elective)	S2-ELE3T	2021-22
45	English Language and Indian Culture	S1-ENG1T	2021-22
46	Communicative English-I	S1-ENG2T	2021-22
47	English Language and Indian Culture	S2-ENG1T	2021-22
48	Communicative English-II	S2-ENG2T	2021-22
49	भाषा और संस्कृति	S1-HINDI1T	2021-22
50	भाषा और संस्कृति	S2-HINDI1T	2021-22
51	Environmental Education	S1-FOUN1T	2021-22
52	Environmental Education	S2-FOUN1T	2021-22
53	Physical Geology (Major)	S1-GEO1T	2021-22
54	Crystal and Mineral Sciences (Minor)	S1-GEO2T	2021-22
55	Elements of Geology (Open Elective)	S1-GEO3T	2021-22
56	Crystal and Mineral Sciences (Major)	S2-GEO1T	2021-22
57	Physical Geology (Minor)	S2-GEO2T	2021-22
58	Minerals and Rocks (Open Elective)	S2-GEO3T	2021-22
59	Fundamentals of Horticulture (Major)	S1-HOR1T	2021-22
60	Horticulture Production (Minor)	S1-HOR2T	2021-22
61	Fundamentals of Horticulture (Open Elective)	S1-HOR3T	2021-22
62	Horticulture Production (Major)	S2-HOR1T	2021-22
63	Fundamentals of Horticulture (Minor)	S2-HOR2T	2021-22
64	Commercial Horticulture Production technology (Open Elective)	S2-HOR3T	2021-22
65	Fish Introduction and Culture (Major)	S1-FISH1T	2021-22
66	Anatomy and Biology of Finfish (Minor)	S1-FISH2T	2021-22
67	Anatomy and Biology of Finfish (Major)	S2-FISH1T	2021-22
68	Fish Introduction and Culture (Minor)	S2-FISH2T	2021-22
69	Algebra, Vector Analysis and Geometry (Major)	S1-MATH1T	2021-22
70	Calculus and Differential Equations (Minor)	S1-MATH2T	2021-22
71	Mathematical Logic and Sets (Open Elective)	S1-MATH3T	2021-22
72	Calculus and Differential Equations (Major)	S2-MATH1T	2021-22
73	Algebra, Vector Analysis and Geometry (Minor)	S2-MATH2T	2021-22

74	Matrices, Geometry and Vector Algebra (Open Elective)	S2-MATH3T	2021-22
75	General Microbiology and Cell Structure (Major)	S1-MICRO1T	2021-22
76	Microbial Tools and Techniques (Minor)	S1-MICRO2T	2021-22
77	Instrumentation in Microbiology	S1-MICRO3T	2021-22
78	Microbial Tools and Techniques (Major)	S2-MICRO1T	2021-22
79	General Microbiology and Cell Structure (Minor)	S2-MICRO2T	2021-22
80	Laboratory Techniques in Microbiology	S2-MICRO3T	2021-22
81	Pharmaceutical Inorganic Chemistry (Major)	S1-PCH1T	2021-22
82	Pharmaceutical organic Chemistry (Minor)	S1-PCH2T	2021-22
83	Fundamentals of Drug Chemistry (Open Elective)	S1-PCH3T	2021-22
84	Pharmaceutical organic Chemistry (Major)	S2-PCH1T	2021-22
85	Pharmaceutical Inorganic Chemistry (Minor)	S2-PCH2T	2021-22
86	Basic Concepts of Pharmaceutical Chemistry (Open Elective)	S2-PCH3T	2021-22
87	Thermodynamics and Statistical Physics (Major)	S1-PHY1T	2021-22
88	Mechanics and General-Properties of Matter (Minor)	S1-PHY2T	2021-22
89	Mechanics and General-Properties of Matter (Open Elective)	S1-PHY3T	2021-22
90	Non-Convectional Energy Source-I	S1-PHY4T	2021-22
91	Mechanics and General-Properties of Matter (Major)	S2-PHY1T	2021-22
92	Thermodynamics and Statistical Physics (Minor)	S2-PHY2T	2021-22
93	Thermodynamics (Open Elective)	S2-PHY3T	2021-22
94	Non-Convectional Energy Source-II	S2-PHY4T	2021-22
95	Principles of Seed Technology (Major)	S1-SEED1T	2021-22
96	Seed Production and practices (Minor)	S1-SEED2T	2021-22
97	Introduction of Seed Technology (Open Elective)	S1-SEED3T	2021-22
98	Seed Production and practices (Major)	S2-SEED1T	2021-22
99	Principles of Seed Technology (Minor)	S2-SEED2T	2021-22
100	Seed Production and practices (Open Elective)	S2-SEED3T	2021-22
101	Descriptive Statistics (Major)	S1-STAT1T	2021-22
102	Basic Statistics (Minor)	S1-STAT2T	2021-22
103	Elementary Statistics (Open Elective)	S1-STAT3T	2021-22
104	Probability and Probability Distribution (Major)	S2-STAT1T	2021-22
105	Theory of Probability and Probability Distribution (Minor)	S2-STAT2T	2021-22
106	Introduction to Probability Theory (Open Elective)	S2-STAT3T	2021-22
107	Animal Diversity & Non-Chordates (Major)	S1-ZOO1T	2021-22
108	Cell Biology, Reproductive Biology & Developmental Biology (Minor)	S1-ZOO2T	2021-22
109	Cell Biology, Reproductive Biology (Open Elective)	S1-ZOO3T	2021-22
110	Cell Biology, Reproductive Biology & Developmental Biology (Major)	S2-ZOO1T	2021-22
111	Animal Diversity & Non-Chordates (Minor)	S2-ZOO2T	2021-22
112	Developmental Biology & Reproductive Techniques (Open Elective)	S2-ZOO3T	2021-22

113	Consumer Behaviour & Micro Economics (Major)	S1-ECO1T	2021-22
114	Micro Economics (Minor)	S1-ECO2T	2021-22
115	Basics of Economics (Open Elective)	S1-ECO3T	2021-22
116	Indian & Agricultural Economy (Major)	S2-ECO1T	2021-22
117	Indian Economy (Minor)	S2-ECO2T	2021-22
118	Basics of Indian Economy (Open Elective)	S2-ECO3T	2021-22
119	Criminal Investigation & Law (Major)	S1-FOSC1T	2021-22
120	Introduction to Forensic Science & Criminalistics (Minor)	S1-FOSC2T	2021-22
121	Introduction to Forensic Science & Criminalistics (Open Elective)	S1-FOSC3T	2021-22
122	Introduction to Forensic Science & Criminalistics (Major)	S2-FOSC1T	2021-22
123	Criminal Investigation & Law (Minor)	S2-FOSC2T	2021-22
124	Criminal Investigation & Law (Open Elective)	S2-FOSC3T	2021-22
125	Human Geography: Environment and Culture (Major)	S1-GEOG1T	2021-22
126	Physical Geography: Lithosphere (Geomorphology) (Minor)	S1-GEOG2T	2021-22
127	Physical Geography (Open Elective)	S1-GEOG3T	2021-22
128	Physical Geography: Lithosphere (Geomorphology) (Major)	S2-GEOG1T	2021-22
129	Human Geography: Environment and Culture (Minor)	S2-GEOG2T	2021-22
130	Environmental Issues and Disaster Management (Open Elective)	S2-GEOG3T	2021-22
131	NCC Awareness	S1-NCC1T	2021-22
132	NCC Awareness	S2-NCC1T	2021-22
133	Concept of National Service Scheme	S1-NSS1T	2021-22
134	Project Tools of NSS	S2-NSS1T	2021-22
135	Introduction and Concept of Physical Education	S1-PE1T	2021-22
136	Introduction and Concept of Physical Education	S2-PE1T	2021-22
137	Digital Computer Organization (Major)	S1-BCA1T	2021-22
138	Programming and Problem Solving through C(Minor)	S1-BCA2T	2021-22
139	Probability and Statistics (Open Elective)	S1-BCA3T	2021-22
140	English Language (Foundation)	S1-BCA4T	2021-22
141	Yoga and Meditation (Foundation)	S1-BCA5T	2021-22
142	Programming Methodologies and Data Structure (Major)	S2-BCA1T	2021-22
143	Operating System (Minor)	S2-BCA2T	2021-22
144	Statistical Methods (Open Elective)	S2-BCA3T	2021-22
145	Computational Mathematics (Open Elective)	S2-BCA4T	2021-22
146	Discreate Mathematics (Open Elective)	S2-BCA5T	2021-22
147	Numerical Methods (Open Elective)	S2-BCA6T	2021-22
148	Environmental Education (Foundation)	S2-BCA7T	2021-22
149	Hindi Language (Foundation)	S2-BCA8T	2021-22

150	Fundamental of Computer	S1-PGDCA1T	2021-22
151	"C" Programming	S1-PGDCA2T	2021-22
152	Operating System	S1-PGDCA3T	2021-22
153	PC Packages	S1-PGDCA4T	2021-22
154	System Analysis and Design	S1-PGDCA5T	2021-22
155	Web Designing (HTML, XML, DHTML)	S2-PGDCA1T	2021-22
156	Visual Basic	S2-PGDCA2T	2021-22
157	RDBMS using Oracle	S2-PGDCA3T	2021-22
158	Computer Networking	S2-PGDCA4T	2021-22
159	Internet & E-Commerce	S2-PGDCA5T	2021-22
160	Group Theory and Spectroscopy-II	CH-24	2021-22
161	Python for Data Science	CS-44-B	2021-22
162	Finfish and Shellfish Biology	F-11	2021-22
163	Fish Breeding and Hatchery Technology	F-12	2021-22
164	Aquaculture	F-13	2021-22
165	Fish Nutrition and Feed Technology	F-14	2021-22
166	Fisheries Resource Management	F-21	2021-22
167	Harvest And Post Harvest Technology	F-22	2021-22
168	Aquatic Biology	F-23	2021-22
169	Fish Health Management	F-24	2021-22
170	Introduction To Seed Technology	ST-11	2021-22
171	Floral Biology, Seed Development and Maturation	ST-12	2021-22
172	Seed Physiology	ST-13	2021-22
173	Principles Of Seed Production	ST-14	2021-22
174	Seed Production of Cereals, Pulses & Oil Seeds	ST-21	2021-22
175	Seed Production in Vegetables, Fiber& Fodder Crops	ST-22	2021-22
176	Seed Processing & Storage	ST-23	2021-22
177	Seed Quality Testing	ST-24	2021-22
178	Geomorphology	GO-11	2021-22
179	History of Geographic Thought	GO-12	2021-22
180	Geography of India	GO-13	2021-22
181	Economic Geography	GO-14	2021-22
182	Climatology	GO-21	2021-22
183	Resource Management	GO-22	2021-22
184	Geography of India: Economy and Region	GO-23	2021-22
185	Geography of Environment	GO-24	2021-22
186	Personality Development	S1-PD1T	2021-22
187	Personality Development	S2-PD1T	2021-22

Principal
Government Holkar (Model Autonomous)
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