



**RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE**

(a Unit of R. K. Mission Boys' Home, Rahara)

P.O. RAHARA, KOLKATA-700118

WEST BENGAL, INDIA

Authenticated list of courses under each program year-wise during 2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
1	UGPHY	B.Sc. Physics (Honours)	UGPHYCC01	Mathematical Physics - I	2020-2021
2	UGPHY	B.Sc. Physics (Honours)	UGPHYCC02	Mechanics	2020-2021
3	UGPHY	B.Sc. Physics (Honours)	UGPHYCC03	Electricity and Magnetism	2020-2021
4	UGPHY	B.Sc. Physics (Honours)	UGPHYCC04	Waves and Optics	2020-2021
5	UGPHY	B.Sc. Physics (Honours)	UGPHYCC05	Mathematical Physics - II	2020-2021
6	UGPHY	B.Sc. Physics (Honours)	UGPHYCC06	Thermal Physics	2020-2021
7	UGPHY	B.Sc. Physics (Honours)	UGPHYCC07	Digital Systems and Applications	2020-2021
8	UGPHY	B.Sc. Physics (Honours)	UGPHYCC08	Mathematical Physics - III	2020-2021
9	UGPHY	B.Sc. Physics (Honours)	UGPHYCC09	Elements of Modern Physics	2020-2021
10	UGPHY	B.Sc. Physics (Honours)	UGPHYCC10	Analog Systems and Applications	2020-2021
11	UGPHY	B.Sc. Physics (Honours)	UGPHYCC11	Quantum Mechanics and Applications	2020-2021
12	UGPHY	B.Sc. Physics (Honours)	UGPHYCC12	Solid State Physics	2020-2021
13	UGPHY	B.Sc. Physics (Honours)	UGPHYCC13	Electromagnetic Theory	2020-2021
14	UGPHY	B.Sc. Physics (Honours)	UGPHYCC14	Statistical Mechanics	2020-2021
15	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE01	Advanced Mathematical Physics - I	2020-2021
16	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE02	Classical Dynamics	2020-2021
17	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE03	Communication Electronics	2020-2021
18	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE04	Advanced Mathematical Physics - II	2020-2021
19	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE05	Nuclear and Particle Physics	2020-2021
20	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE06	Nano Materials and Applications	2020-2021

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Sl. No.	Program code	Program name	Course code	Course name	Year of offering
21	UGPHY	B.Sc. Physics (Honours)	UGPHYDSE07	Dissertation / Project work	2020-2021
22	UGPHY	B.Sc. Physics (Honours)	UGPHYSEC01	Value Education and Indian Culture	2020-2021
23	UGPHY	B.Sc. Physics (Honours)	UGPHYSEC02	Spoken Tutorial	2020-2021
24	UGPHY	B.Sc. Physics (Honours)	UGPHYGE01	Mechanics	2020-2021
25	UGPHY	B.Sc. Physics (Honours)	UGPHYGE02	Thermal Physics and Statistical Mechanics	2020-2021
26	UGPHY	B.Sc. Physics (Honours)	UGPHYGE03	Waves and Optics	2020-2021
27	UGPHY	B.Sc. Physics (Honours)	UGPHYGE04	Electricity and Magnetism	2020-2021
28	UGPHY	B.Sc. Physics (Honours)	UGPHYAECC01	English Communication	2020-2021
29	UGPHY	B.Sc. Physics (Honours)	UGPHYAECC02	Environmental Science	2020-2021
30	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC01	Organic Chemistry 01	2020-2021
31	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC02	Physical Chemistry 01	2020-2021
32	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC03	Inorganic Chemistry 01	2020-2021
33	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC04	Organic Chemistry 02	2020-2021
34	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC05	Physical Chemistry 02	2020-2021
35	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC06	Inorganic Chemistry 02	2020-2021
36	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC07	Organic Chemistry 03	2020-2021
37	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC08	Physical Chemistry 03	2020-2021
38	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC09	Inorganic Chemistry 03	2020-2021
39	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC10	Organic Chemistry 04	2020-2021
40	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC11	Inorganic Chemistry 04	2020-2021
41	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC12	Organic Chemistry 05	2020-2021
42	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC13	Inorganic Chemistry 05	2020-2021
43	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMCC14	Physical Chemistry 04	2020-2021
44	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMDSE01	Advanced Physical Chemistry	2020-2021
45	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMDSE02	Analytical Methods of Chemistry	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
46	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMDSE03	Green Chemistry	2020-2021
47	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMDSE04	Inorganic Materials of Industrial Importance	2020-2021
48	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMDSE05	Industrial Chemicals and Environment	2020-2021
49	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMSEC01	Pharmaceutical Chemistry	2020-2021
50	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMSEC02	Fuel Chemistry	2020-2021
51	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMGE01	Generic Elective 01	2020-2021
52	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMGE02	Generic Elective 02	2020-2021
53	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMGE03	Generic Elective 03	2020-2021
54	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMGE04	Generic Elective 04	2020-2021
55	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMAECC01	English Communication	2020-2021
56	UGCEM	B.Sc. Chemistry (Honours)	UGCHEMAECC02	Environmental Science	2020-2021
57	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC01	Calculus, Geometry & Differential Equation & Practical	2020-2021
58	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC02	Algebra & Tutorial	2020-2021
59	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC03	Real Analysis & Practical	2020-2021
60	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC04	Differential Equations & Vector Calculus & Practical	2020-2021
61	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC05	Theory of Real Functions & Introduction to Metric Spaces	2020-2021
62	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC06	Group Theory I & Tutorial	2020-2021
63	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC07	Numerical Methods & Practical - Numerical Methods Lab	2020-2021
64	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC08	Riemann Integration and Series of Functions	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
65	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC09	MultivariateCalculus	2020-2021
66	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC10	RingTheoryandLinearAlgebraI	2020-2021
67	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC11	PartialDifferentialEquationsandApplications&Practical	2020-2021
68	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC12	GroupTheoryII&Tutorial	2020-2021
69	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC13	MetricSpacesandComplexAnalysis&Tutorial	2020-2021
70	UGMATH	B.Sc. Mathematics (Honours)	UGMATHCC14	RingTheoryandLinearAlgebraII&Tutorial	2020-2021
71	UGMATH	B.Sc. Mathematics (Honours)	UGMATHDSE1	LinearProgramming&Tutorial	2020-2021
72	UGMATH	B.Sc. Mathematics (Honours)	UGMATHDSE2	ProbabilityandStatistics&Tutorial	2020-2021
73	UGMATH	B.Sc. Mathematics (Honours)	UGMATHDSE3	Mechanics&Tutorial	2020-2021
74	UGMATH	B.Sc. Mathematics (Honours)	UGMATHDSE4	BioMathematics&Practical	2020-2021
75	UGMATH	B.Sc. Mathematics (Honours)	UGMATHDSE5	PointSetTopology&Tutorial	2020-2021
76	UGMATH	B.Sc. Mathematics (Honours)	UGMATHSEC1	LogicandSets	2020-2021
77	UGMATH	B.Sc. Mathematics (Honours)	UGMATHSEC2	Python 3.4.3	2020-2021
78	UGMATH	B.Sc. Mathematics (Honours)	UGMATHGE01	Algebra&Tutorial	2020-2021
79	UGMATH	B.Sc. Mathematics (Honours)	UGMATHGE02	Calculus,GeometryandDifferentialEquation&Tutorial	2020-2021
80	UGMATH	B.Sc. Mathematics (Honours)	UGMATHGE03	NumericalMethods&Tutorial	2020-2021
81	UGMATH	B.Sc. Mathematics (Honours)	UGMATHGE04	GroupTheory&Tutorial	2020-2021
82	UGMATH	B.Sc. Mathematics (Honours)	UGMATHAECC01	English Communication	2020-2021
83	UGMATH	B.Sc. Mathematics (Honours)	UGMATHAECC02	Environmental Science	2020-2021
84	UGBOT	B.Sc. Botany (Honours)	UGBOTCC01	Phycology and Microbiology	2020-2021
85	UGBOT	B.Sc. Botany (Honours)	UGBOTCC02	Biomolecules and Cell Biology	2020-2021

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86	UGBOT	B.Sc. Botany (Honours)	UGBOTCC03	Mycology and Phytopathology	2020-2021
87	UGBOT	B.Sc. Botany (Honours)	UGBOTCC04	Archegoniate	2020-2021
88	UGBOT	B.Sc. Botany (Honours)	UGBOTCC05	Anatomy of Angiosperms	2020-2021
89	UGBOT	B.Sc. Botany (Honours)	UGBOTCC06	Economic Botany	2020-2021
90	UGBOT	B.Sc. Botany (Honours)	UGBOTCC07	Genetics	2020-2021
91	UGBOT	B.Sc. Botany (Honours)	UGBOTCC08	Molecular Biology	2020-2021
92	UGBOT	B.Sc. Botany (Honours)	UGBOTCC09	Plant Ecology and Phytogeography	2020-2021
93	UGBOT	B.Sc. Botany (Honours)	UGBOTCC10	Plant Systematics	2020-2021
94	UGBOT	B.Sc. Botany (Honours)	UGBOTCC11	Reproductive Biology of Angiosperms	2020-2021
95	UGBOT	B.Sc. Botany (Honours)	UGBOTCC12	Plant Physiology	2020-2021
96	UGBOT	B.Sc. Botany (Honours)	UGBOTCC13	Plant Metabolism	2020-2021
97	UGBOT	B.Sc. Botany (Honours)	UGBOTCC14	Plant Biotechnology	2020-2021
98	UGBOT	B.Sc. Botany (Honours)	UGBOTDSE01	Industrial and Environmental Microbiology	2020-2021
99	UGBOT	B.Sc. Botany (Honours)	UGBOTDSE02	Plant Breeding	2020-2021
100	UGBOT	B.Sc. Botany (Honours)	UGBOTDSE03	Biostatistics	2020-2021
101	UGBOT	B.Sc. Botany (Honours)	UGBOTDSE04	Applied Phycology	2020-2021
102	UGBOT	B.Sc. Botany (Honours)	UGBOTDSE05	Research Methodology	2020-2021
103	UGBOT	B.Sc. Botany (Honours)	UGBOTSEC01	Value Education and Indian Culture	2020-2021
104	UGBOT	B.Sc. Botany (Honours)	UGBOTSEC02	Online Course (In collaboration with IIT Bombay)	2020-2021
105	UGBOT	B.Sc. Botany (Honours)	UGBOTGE01	Cryptogamic Botany	2020-2021
106	UGBOT	B.Sc. Botany (Honours)	UGBOTGE02	Biology of Vascular Plants	2020-2021
107	UGBOT	B.Sc. Botany (Honours)	UGBOTGE03	Plant Ecology, Anatomy and Embryology	2020-2021
108	UGBOT	B.Sc. Botany (Honours)	UGBOTGE04	Plant Physiology and Biotechnology	2020-2021
109	UGBOT	B.Sc. Botany (Honours)	UGBOTAEC01	English Communication	2020-2021

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110	UGBOT	B.Sc. Botany (Honours)	UGBOTAEC02	Environmental Science	2020-2021
111	UGZOO	B.Sc. Zoology (Honours)	UGZOCC01	Non-chordates I: Protists to pseudocoelomates	2020-2021
112	UGZOO	B.Sc. Zoology (Honours)	UGZOCC02	Principles of ecology	2020-2021
113	UGZOO	B.Sc. Zoology (Honours)	UGZOCC03	Non-chordates II: coelomates	2020-2021
114	UGZOO	B.Sc. Zoology (Honours)	UGZOCC04	Cell biology	2020-2021
115	UGZOO	B.Sc. Zoology (Honours)	UGZOCC05	Diversity of chordates	2020-2021
116	UGZOO	B.Sc. Zoology (Honours)	UGZOCC06	Animal physiology: Controlling and coordinating systems	2020-2021
117	UGZOO	B.Sc. Zoology (Honours)	UGZOCC07	Fundamentals of biochemistry	2020-2021
118	UGZOO	B.Sc. Zoology (Honours)	UGZOCC08	Comparative anatomy of vertebrates	2020-2021
119	UGZOO	B.Sc. Zoology (Honours)	UGZOCC09	Animal physiology: Life sustaining systems	2020-2021
120	UGZOO	B.Sc. Zoology (Honours)	UGZOCC10	Biochemistry of metabolic processes	2020-2021
121	UGZOO	B.Sc. Zoology (Honours)	UGZOCC11	Molecular biology	2020-2021
122	UGZOO	B.Sc. Zoology (Honours)	UGZOCC12	PRINCIPLES OF GENETICS	2020-2021
123	UGZOO	B.Sc. Zoology (Honours)	UGZOCC13	Developmental biology	2020-2021
124	UGZOO	B.Sc. Zoology (Honours)	UGZOCC14	Evolutionary biology	2020-2021
125	UGZOO	B.Sc. Zoology (Honours)	UGZOODSE_1	Immunology	2020-2021
126	UGZOO	B.Sc. Zoology (Honours)	UGZOODSE_2A	Animal behaviour and chronobiology	2020-2021
127	UGZOO	B.Sc. Zoology (Honours)	UGZOODSE_2B	Pollination biology	2020-2021
128	UGZOO	B.Sc. Zoology (Honours)	UGZOODSE_2C	Project work	2020-2021
129	UGZOO	B.Sc. Zoology (Honours)	UGZOODSE_3	Biodiversity and wild life conservation	2020-2021
130	UGZOO	B.Sc. Zoology (Honours)	UGZOODSE_4	Computational biology	2020-2021
131	UGZOO	B.Sc. Zoology (Honours)	UGZOGE 1	Animal diversity and systems	2020-2021


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132	UGZOO	B.Sc. Zoology (Honours)	UGZOOGE 2	Ecology, economic and medical zoology	2020-2021
133	UGZOO	B.Sc. Zoology (Honours)	UGZOOGE 3	Biotechnology: microbes to animals	2020-2021
134	UGZOO	B.Sc. Zoology (Honours)	UGZOOGE 4	Insect, vectors and diseases	2020-2021
135	UGZOO	B.Sc. Zoology (Honours)	UGZOOSEC_1	Value education & indian culture	2020-2021
136	UGZOO	B.Sc. Zoology (Honours)	UGZOOSEC_2	Spoken Tutorial from IIT Bombay	2020-2021
137	UGZOO	B.Sc. Zoology (Honours)	UGZOOAECC 01	English Communication	2020-2021
138	UGZOO	B.Sc. Zoology (Honours)	UGZOOAECC 02	Environmental Science	2020-2021
139	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC01	Introduction to Microbiology and Microbial Diversity	2020-2021
140	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC02	Bacteriology	2020-2021
141	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC03	Biochemistry	2020-2021
142	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC04	Virology	2020-2021
143	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC05	Microbial Physiology and Metabolism	2020-2021
144	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC06	Cell Biology	2020-2021
145	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC07	Molecular Biology	2020-2021
146	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC08	Microbial Genetics	2020-2021
147	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC09	Environmental Microbiology	2020-2021
148	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC10	Food and Dairy Microbiology	2020-2021
149	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC11	Industrial Microbiology	2020-2021
150	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC12	Immunology	2020-2021
151	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC13	Medical Microbiology	2020-2021
152	UGMCB	B.Sc. Microbiology (Honours)	UGMCBCC14	Recombinant DNA Technology	2020-2021
153	UGMCB	B.Sc. Microbiology (Honours)	UGMCBDSE01	Inheritance Biology	2020-2021
154	UGMCB	B.Sc. Microbiology (Honours)	UGMCBDSE02	Microbial Biotechnology	2020-2021
155	UGMCB	B.Sc. Microbiology (Honours)	UGMCBDSE03	Project Work	2020-2021
156	UGMCB	B.Sc. Microbiology (Honours)	UGMCBDSE04	Instrumentation and Biotechniques	2020-2021

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157	UGMCB	B.Sc. Microbiology (Honours)	UGMCBDSE05	Advances in Microbiology	2020-2021
158	UGMCB	B.Sc. Microbiology (Honours)	UGMCBSEC01	Value Education & Indian Culture	2020-2021
159	UGMCB	B.Sc. Microbiology (Honours)	UGMCBSEC02	Online course	2020-2021
160	UGMCB	B.Sc. Microbiology (Honours)	UGMCBGE01	Bacteriology and Virology	2020-2021
161	UGMCB	B.Sc. Microbiology (Honours)	UGMCBGE02	Microbes in Environment	2020-2021
162	UGMCB	B.Sc. Microbiology (Honours)	UGMCBGE03	Industrial & Food Microbiology	2020-2021
163	UGMCB	B.Sc. Microbiology (Honours)	UGMCBGE04	Genetic Engineering and Biotechnology	2020-2021
164	UGMCB	B.Sc. Microbiology (Honours)	UGMCBGE05	Microbial Genetics and Molecular Biology	2020-2021
165	UGMCB	B.Sc. Microbiology (Honours)	UGMCBAECC01	English Communication	2020-2021
166	UGMCB	B.Sc. Microbiology (Honours)	UGMCBAECC02	Environmental Science	2020-2021
167	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC01	Programming Fundamentals using C/C++: Theory & Lab	2020-2021
168	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC02	Computer System Architecture: Theory & Lab	2020-2021
169	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC03	Programming in JAVA: Theory & Lab	2020-2021
170	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC04	Discrete Structures: Theory & Tutorial	2020-2021
171	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC05	Data Structures: Theory & Lab	2020-2021
172	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC06	Operating Systems: Theory & Lab	2020-2021
173	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC07	Computer Networks: Theory & Lab	2020-2021
174	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC08	Design and Analysis of Algorithms: Theory & Lab	2020-2021
175	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC09	Software Engineering: Theory & Lab	2020-2021
176	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC10	Database Management Systems: Theory & Lab	2020-2021

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177	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC11	Internet Technologies: Theory & Lab	2020-2021
178	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC12	Theory of Computation: Theory & Tutorial	2020-2021
179	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC13	Artificial Intelligence: Theory & Lab	2020-2021
180	UGCMS	B.Sc. Computer Science (Honours)	UGCMSCC14	Computer Graphics: Theory & Lab	2020-2021
181	UGCMS	B.Sc. Computer Science (Honours)	UGCMSDSE01	Microprocessor: Theory & Lab	2020-2021
182	UGCMS	B.Sc. Computer Science (Honours)	UGCMSDSE02	Numerical Methods: Theory & Lab	2020-2021
183	UGCMS	B.Sc. Computer Science (Honours)	UGCMSDSE03	Cloud Computing: Theory & Lab	2020-2021
184	UGCMS	B.Sc. Computer Science (Honours)	UGCMSDSE04	Machine Learning: Theory & Lab	2020-2021
185	UGCMS	B.Sc. Computer Science (Honours)	UGCMSDSE05	Data Mining: Theory & Lab	2020-2021
186	UGCMS	B.Sc. Computer Science (Honours)	UGCMSDSE06	Dissertation or Project work	2020-2021
187	UGCMS	B.Sc. Computer Science (Honours)	UGCMSGE01	Computer Fundamentals	2020-2021
188	UGCMS	B.Sc. Computer Science (Honours)	UGCMSGE02	Introduction to Database System	2020-2021
189	UGCMS	B.Sc. Computer Science (Honours)	UGCMSGE03	Programming Fundamentals using C/C++	2020-2021
190	UGCMS	B.Sc. Computer Science (Honours)	UGCMSGE04	Programming in Python	2020-2021
191	UGCMS	B.Sc. Computer Science (Honours)	UGCMSSEC1	Value Education and Indian Culture	2020-2021
192	UGCMS	B.Sc. Computer Science (Honours)	UGCMSSEC2	Spoken Tutorial on python	2020-2021
193	UGCMS	B.Sc. Computer Science (Honours)	UGCMSAECC01	English Communication	2020-2021
194	UGCMS	B.Sc. Computer Science (Honours)	UGCMSAECC02	Environmental Science	2020-2021
195	PGCHEM	M.Sc. Chemistry	PGCHEMMCT01	Inorganic Chemistry 01	2020-2021
196	PGCHEM	M.Sc. Chemistry	PGCHEMMCT02	Organic Chemistry 01	2020-2021
197	PGCHEM	M.Sc. Chemistry	PGCHEMMCT03	Physical Chemistry 01	2020-2021
198	PGCHEM	M.Sc. Chemistry	PGCHEMMCP01	Inorganic Chemistry 01 Practical	2020-2021
199	PGCHEM	M.Sc. Chemistry	PGCHEMMCP02	Organic Chemistry 01 Practical	2020-2021
200	PGCHEM	M.Sc. Chemistry	PGCHEMMCP03	Physical Chemistry 01 Practical	2020-2021
201	PGCHEM	M.Sc. Chemistry	PGCHEMMCT04	Inorganic Chemistry 02	2020-2021

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202	PGCHEM	M.Sc. Chemistry	PGCHEMMCT05	Organic Chemistry 02	2020-2021
203	PGCHEM	M.Sc. Chemistry	PGCHEMMCT06	Physical Chemistry 02	2020-2021
204	PGCHEM	M.Sc. Chemistry	PGCHEMMCP04	Inorganic Chemistry 02 Practical	2020-2021
205	PGCHEM	M.Sc. Chemistry	PGCHEMMCP05	Organic Chemistry 02 Practical	2020-2021
206	PGCHEM	M.Sc. Chemistry	PGCHEMMCP06	Physical Chemistry 02 Practical	2020-2021
207	PGCHEM	M.Sc. Chemistry	PGCHEMMCT07	Inorganic Chemistry 03	2020-2021
208	PGCHEM	M.Sc. Chemistry	PGCHEMMCT08	Organic Chemistry 03	2020-2021
209	PGCHEM	M.Sc. Chemistry	PGCHEMMCT09	Physical Chemistry 03	2020-2021
210	PGCHEM	M.Sc. Chemistry	PGCHEMMCP07	Inorganic Chemistry 03 Practical	2020-2021
211	PGCHEM	M.Sc. Chemistry	PGCHEMMCP08	Organic Chemistry 03 Practical	2020-2021
212	PGCHEM	M.Sc. Chemistry	PGCHEMMCP09	Physical Chemistry 03 Practical	2020-2021
213	PGCHEM	M.Sc. Chemistry	PGCHEMSCC	Interdisciplinary Adv. Chemistry	2020-2021
214	PGCHEM	M.Sc. Chemistry	PGCHEMOE01	Supramolecular Chemistry	2020-2021
215	PGCHEM	M.Sc. Chemistry	PGCHEMOE02	Medicinal Chemistry	2020-2021
216	PGCHEM	M.Sc. Chemistry	PGCHEMME01	Advanced Organic Chemistry 01	2020-2021
217	PGCHEM	M.Sc. Chemistry	PGCHEMME02	Advanced Organic Chemistry 02	2020-2021
218	PGCHEM	M.Sc. Chemistry	PGCHEMME03	Advanced Inorganic Chemistry 01	2020-2021
219	PGCHEM	M.Sc. Chemistry	PGCHEMME04	Advanced Inorganic Chemistry 02	2020-2021
220	PGCHEM	M.Sc. Chemistry	PGCHEMME05	Advanced Physical Chemistry 01	2020-2021
221	PGCHEM	M.Sc. Chemistry	PGCHEMME06	Advanced Physical Chemistry 02	2020-2021
222	PGCHEM	M.Sc. Chemistry	PGCHEMOT01	Project and Presentation	2020-2021
223	PGCHEM	M.Sc. Chemistry	PGCHEMOT02	Grand Viva and Seminar	2020-2021
224	PGCHEM	M.Sc. Chemistry	PGCHEMSOC01	Yoga	2020-2021
225	PGCHEM	M.Sc. Chemistry	PGCHEMSOC02	Communicative English	2020-2021
226	PGCHEM	M.Sc. Chemistry	PGCHEMSOC03	VECC	2020-2021
227	PGCHEM	M.Sc. Chemistry	PGCHEMSOC04	Computer For Chemists	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
228	PGBOT	M.Sc. Botany	PGBOTCC1.1 (Th)	Phycology + Microbiology	2020-2021
229	PGBOT	M.Sc. Botany	PGBOTCC1.2 (Th)	Mycology + Plant Pathology	2020-2021
230	PGBOT	M.Sc. Botany	PGBOTCC1.3 (Th)	Biostatistics + Biophysics	2020-2021
231	PGBOT	M.Sc. Botany	PGBOTCC1.4 (Th)	Ecology + Evolution	2020-2021
232	PGBOT	M.Sc. Botany	PGBOTCC1.5 (Pr)	Phycology + Microbiology	2020-2021
233	PGBOT	M.Sc. Botany	PGBOTCC1.6 (Pr)	Mycology + Plant Pathology	2020-2021
234	PGBOT	M.Sc. Botany	PGBOTCC2.1 (Th)	Plant Anatomy + Developmental Biology	2020-2021
235	PGBOT	M.Sc. Botany	PGBOTCC2.2 (Th)	Taxonomy of Angiosperms + Embryology of Seed Plants	2020-2021
236	PGBOT	M.Sc. Botany	PGBOTCC2.3 (Th)	Biochemistry & Metabolism + Plant Physiology	2020-2021
237	PGBOT	M.Sc. Botany	PGBOTCC2.4 (Th)	Environmental Science + System Biology	2020-2021
238	PGBOT	M.Sc. Botany	PGBOTCC2.5 (Pr)	Taxonomy + Plant Anatomy	2020-2021
239	PGBOT	M.Sc. Botany	PGBOTCC2.6 (Pr)	Biochemistry + Plant Physiology	2020-2021
240	PGBOT	M.Sc. Botany	PGBOTCC3.1 (Th)	Cell & Molecular Biology	2020-2021
241	PGBOT	M.Sc. Botany	PGBOTCC3.2 (Th)	Genetics & Genomics	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
242	PGBOT	M.Sc. Botany	PGBOTCC3.3 (Th)	Plant Biotechnology & Recombinant DNA technology	2020-2021
243	PGBOT	M.Sc. Botany	PGBOTCC3.4 (Th)	Allied Elective	2020-2021
244	PGBOT	M.Sc. Botany	PGBOTCC3.5 (Pr)	Plant Biotechnology	2020-2021
245	PGBOT	M.Sc. Botany	PGBOTCC3.6 (Pr)	Cytology and Molecular Biology	2020-2021
246	PGBOT	M.Sc. Botany	PGBOTCC4.1 (Th)	Research Methodology & Bio-Instrumentation	2020-2021
247	PGBOT	M.Sc. Botany	PGBOTCC4.2 (Th)	Phytochemistry & Herbal Technology	2020-2021
248	PGBOT	M.Sc. Botany	PGBOTME4.3A (Th)	Genetics and Plant Biotechnology - I (Major Elective)	2020-2021
249	PGBOT	M.Sc. Botany	PGBOTME4.4A (Pr)	Genetics and Plant Biotechnology - I (Major Elective)	2020-2021
250	PGBOT	M.Sc. Botany	PGBOTME4.3B (Th)	Diversity and Ecology of algae (Major Elective)	2020-2021
251	PGBOT	M.Sc. Botany	PGBOTME4.4B (Pr)	Advanced phycology and algal biotechnology (Major Elective)	2020-2021
252	PGBOT	M.Sc. Botany	PGBOTME4.3C (Th)	Taxonomy of Angiosperms (Major Elective)	2020-2021
253	PGBOT	M.Sc. Botany	PGBOTME4.4C (Pr)	Taxonomy of Angiosperms (Major Elective)	2020-2021
254	PGBOT	M.Sc. Botany	PGBOTSOC1	Yoga	2020-2021
255	PGBOT	M.Sc. Botany	PGBOTSOC2	Communicative English	2020-2021
256	PGBOT	M.Sc. Botany	PGBOTSOC3	Value Education and Indian Culture	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
257	PGBOT	M.Sc. Botany	PGBOTSOC4	IPR/ Biosafety management / Post-harvest management of crops	2020-2021
258	PGMATH	M.Sc. Mathematics	PGMATHCC101	Algebra-I	2020-2021
259	PGMATH	M.Sc. Mathematics	PGMATHCC102	Real Analysis	2020-2021
260	PGMATH	M.Sc. Mathematics	PGMATHCC103	Complex Analysis	2020-2021
261	PGMATH	M.Sc. Mathematics	PGMATHCC104	Ordinary & Partial Differential Equations	2020-2021
262	PGMATH	M.Sc. Mathematics	PGMATHCC105	Numerical Analysis	2020-2021
263	PGMATH	M.Sc. Mathematics	PGMATHCC106	Computer Programming in C++ and Numerical Practical using GNU Octave/Scilab /Matlab	2020-2021
264	PGMATH	M.Sc. Mathematics	PGMATHSS01	YOGA	2020-2021
265	PGMATH	M.Sc. Mathematics	PGMATHCC201	Algebra-II	2020-2021
266	PGMATH	M.Sc. Mathematics	PGMATHCC202	Measure and Integration	2020-2021
267	PGMATH	M.Sc. Mathematics	PGMATHCC203	General Topology	2020-2021
268	PGMATH	M.Sc. Mathematics	PGMATHCC204	Classical Mechanics & Theory of Relativity	2020-2021
269	PGMATH	M.Sc. Mathematics	PGMATHCC205	Linear Algebra & Multivariate Calculus	2020-2021
270	PGMATH	M.Sc. Mathematics	PGMATHCC206	Integral transforms and Integral Equations	2020-2021
271	PGMATH	M.Sc. Mathematics	PGMATHSS02	Communicative English	2020-2021
272	PGMATH	M.Sc. Mathematics	PGMATHCC301	Functional Analysis	2020-2021
273	PGMATH	M.Sc. Mathematics	PGMATHCC302	Dynamical System Analysis	2020-2021
274	PGMATH	M.Sc. Mathematics	PGMATHCE301	Advanced Real Analysis-I	2020-2021
275	PGMATH	M.Sc. Mathematics	PGMATHCE302	Advanced Complex Analysis-I	2020-2021
276	PGMATH	M.Sc. Mathematics	PGMATHCE303	Algebraic Topology-I	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
277	PGMATH	M.Sc. Mathematics	PGMATHCE304	Differential Manifold-I	2020-2021
278	PGMATH	M.Sc. Mathematics	PGMATHCE305	Cosmology-I	2020-2021
279	PGMATH	M.Sc. Mathematics	PGMATHCE306	Mathematical Biology-I	2020-2021
280	PGMATH	M.Sc. Mathematics	PGMATHCE307	Operation Research-I	2020-2021
281	PGMATH	M.Sc. Mathematics	PGMATHCE308	Continuum Mechanics(Solid)-I	2020-2021
282	PGMATH	M.Sc. Mathematics	PGMATHAE301	Programming in PYTHON & LaTeX	2020-2021
283	PGMATH	M.Sc. Mathematics	PGMATHSS03	VE & IC	2020-2021
284	PGMATH	M.Sc. Mathematics	PGMATHCC401	Number theory	2020-2021
285	PGMATH	M.Sc. Mathematics	PGMATHCC402	Discrete Mathematics	2020-2021
286	PGMATH	M.Sc. Mathematics	PGMATHCE401	Advanced Real Analysis-II	2020-2021
287	PGMATH	M.Sc. Mathematics	PGMATHCE402	Advanced Complex Analysis-II	2020-2021
288	PGMATH	M.Sc. Mathematics	PGMATHCE403	Algebraic Topology-II	2020-2021
289	PGMATH	M.Sc. Mathematics	PGMATHCE404	Differential Manifold-II	2020-2021
290	PGMATH	M.Sc. Mathematics	PGMATHCE405	Cosmology-II	2020-2021
291	PGMATH	M.Sc. Mathematics	PGMATHCE406	Mathematical Biology-II	2020-2021
292	PGMATH	M.Sc. Mathematics	PGMATHCE407	Operation Research-II	2020-2021
293	PGMATH	M.Sc. Mathematics	PGMATHCE408	Continuum Mechanics(Fluid)-II	2020-2021
294	PGMATH	M.Sc. Mathematics	PGMATHCC403	Project Work** (Viva Voce + Dissertation)	2020-2021
295	PGMATH	M.Sc. Mathematics	PGMATHSS04	Seminar Presentation	2020-2021
296	PGZOO	M.Sc. Zoology	PGZOOCC 1.1T	Diversity and biology of Nonchordates	2020-2021
297	PGZOO	M.Sc. Zoology	PGZOOCC 1.2T	Diversity and biology of Chordates	2020-2021
298	PGZOO	M.Sc. Zoology	PGZOOCC 1.3T	Cell biology & Instrumentations	2020-2021
299	PGZOO	M.Sc. Zoology	PGZOOCC 1.4T	Genetics	2020-2021
300	PGZOO	M.Sc. Zoology	PGZOOCC 1.5P	Structures & systems of organisms	2020-2021
301	PGZOO	M.Sc. Zoology	PGZOOCC 1.6P	Tools & techniques in biological study	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
302	PGZOO	M.Sc. Zoology	PGZOOSOC 1	Yoga	2020-2021
303	PGZOO	M.Sc. Zoology	PGZOOCC 2.1T	Biochemistry & Metabolism	2020-2021
304	PGZOO	M.Sc. Zoology	PGZOOCC 2.2T	Molecular biology & Biotechnology	2020-2021
305	PGZOO	M.Sc. Zoology	PGZOOCC 2.3T	Ethology & chronobiology	2020-2021
306	PGZOO	M.Sc. Zoology	PGZOOCC 2.4T	Ecological sciences	2020-2021
307	PGZOO	M.Sc. Zoology	PGZOOCC 2.5P	Biochemical and molecular aspects of life	2020-2021
308	PGZOO	M.Sc. Zoology	PGZOOCC 2.6P	Ethology & Ecology	2020-2021
309	PGZOO	M.Sc. Zoology	PGZOOSOC 2	Communicative English	2020-2021
310	PGZOO	M.Sc. Zoology	PGZOOCC 3.1T	Parasitology and Immunology	2020-2021
311	PGZOO	M.Sc. Zoology	PGZOOCC 3.2T	Developmental biology and Neurobiology	2020-2021
312	PGZOO	M.Sc. Zoology	PGZOOCC 3.3T	Endocrine physiology	2020-2021
313	PGZOO	M.Sc. Zoology	PGZOOEC 3.4T-1A	Elective paper -Entomology	2020-2021
314	PGZOO	M.Sc. Zoology	PGZOOEC 3.4T-2A	Elective paper-Cellular and Molecular Biology	2020-2021
315	PGZOO	M.Sc. Zoology	PGZOOCC 3.5P	Immunology, Parasitology, Developmental biology & Endocrinology	2020-2021
316	PGZOO	M.Sc. Zoology	PGZOOEC 3.6P-1A	Dissertation and practical of elective paper - Entomology	2020-2021
317	PGZOO	M.Sc. Zoology	PGZOOEC 3.6P-2A	Dissertation and practical of elective paper - Cellular and Molecular Biology	2020-2021
318	PGZOO	M.Sc. Zoology	PGZOOSOC 3	Value Education and Indian Culture	2020-2021
319	PGZOO	M.Sc. Zoology	PGZOOCC 4.1T	Taxonomy and Biostatistics	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
320	PGZOO	M.Sc. Zoology	PGZOOCC 4.2T	Bioinformatics and Computational Biology	2020-2021
321	PGZOO	M.Sc. Zoology	PGZOOCC 4.3T	Bio python and LaTeX	2020-2021
322	PGZOO	M.Sc. Zoology	PGZOOEC 4.4T - 1B	Elective paper -Entomology	2020-2021
323	PGZOO	M.Sc. Zoology	PGZOOEC 4.4T - 2B	Elective paper -Cellular and Molecular Biology	2020-2021
324	PGZOO	M.Sc. Zoology	PGZOOCC 4.5P	Phylogenetics, Biostatistics and Bioinformatics	2020-2021
325	PGZOO	M.Sc. Zoology	PGZOOEC 4.6P - 1B	Submission of final dissertation and practical of elective paper Entomology	2020-2021
326	PGZOO	M.Sc. Zoology	PGZOOEC 4.6P - 2B	Submission of final dissertation and practical of elective paper - Cellular and Molecular Biology	2020-2021
327	PGZOO	M.Sc. Zoology	PGZOOSOC 4	Fundamentals of remote sensing and GIS	2020-2021
328	PHDMATH	Ph.D. in Mathematics	PHDMATH01	Research Methodology	2020-2021
329	PHDMATH	Ph.D. in Mathematics	PHDMATH02	Computer Applications	2020-2021
330	PHDMATH	Ph.D. in Mathematics	PHDMATH03	Literature review	2020-2021
331	PHDMATH	Ph.D. in Mathematics	PHDMATH04	Algebraic Topology	2020-2021
332	PHDMATH	Ph.D. in Mathematics	PHDMATH05	Complex Analysis	2020-2021
333	PHDMATH	Ph.D. in Mathematics	PHDMATH06	Cosmology	2020-2021
334	PHDZOO	Ph.D. in Zoology	PHDZOO 01	Research Methodology	2020-2021
335	PHDZOO	Ph.D. in Zoology	PHDZOO 02	Computer Applications	2020-2021
336	PHDZOO	Ph.D. in Zoology	PHDZOO 03	Literature review	2020-2021

Sl. No.	Program code	Program name	Course code	Course name	Year of offering
337	PHDZOO	Ph.D. in Zoology	PHDZOO 04	Tools and techniques in molecular biology and biochemistry	2020-2021
338	PHDZOO	Ph.D. in Zoology	PHDZOO 05	Pharmacology and Toxicology	2020-2021
339	PHDZOO	Ph.D. in Zoology	PHDZOO 06	Anti-Microbial Defence	2020-2021
340	PHDZOO	Ph.D. in Zoology	PHDZOO 07	Ecology, Environment and animal behaviour	2020-2021
341	PHDZOO	Ph.D. in Zoology	PHDZOO 08	Bioinformatics and computational Biology	2020-2021
342	PHDBOT	Ph.D. in Botany	PHDBOT01	Research Methodology	2020-2021
343	PHDBOT	Ph.D. in Botany	PHDBOT02	Computer Applications	2020-2021
344	PHDBOT	Ph.D. in Botany	PHDBOT03	Literature Survey and Related Topic	2020-2021
345	PHDBOT	Ph.D. in Botany	PHDBOT04	Advance Level Elective Course	2020-2021


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