

**Adusumilli Gopalakrishnaiah and Sugarcane Growers Siddhartha Degree College of  
Arts and Science, Vuyyuru (Autonomous)**

S.No	Name of the course offered	Course Code	Year of Introduction
<b>2018-19</b>			
<b>Botany</b>			
1	Microbial diversity, algae and fungi.	BOT101C	2018-19
2	Practical	BOT101P	2018-19
3	Diversity of Archegoniate and Plant anatomy	BOT201C	2018-19
4	Practical	BOT201P	2018-19
5	Plant taxonomy and Plant physiology	BOT301	2018-19
6	practical	BOT301P	2018-19
7	Plant Embryology and Plant metabolism	BOT401	2018-19
8	Practical	BOT401P	2018-19
9	Cell biology, genetics and plant breeding	BOT501	2018-19
10	practical	BOT501P	2018-19
11	Plant ecology and Phyto geography	BOT502	2018-19
12	Practical	BOT502P	2018-19
13	Plant tissue culture and its Biotechnological applications	BOT601GE	2018-19
14	Practical	BOT601P	2018-19
15	Plant diversity and Human welfare	BOT602CE	2018-19
16	Practical	BOT602CEP	2018-19
17	Ethnobotany and Medicinal botany	BOT603CE	2018-19
18	Practical	BOT603CEP	2018-19
19	Pharmacognosy and Phyto chemistry	BOT604CE	2018-19
20	Practical	BOT604CEP	2018-19
<b>Chemistry(UG)</b>			
21	Inorganic and Organic chemistry	CHE-101C	2018-19
22	Simple salt analysis	CHE-101P	2018-19
23	Physical and General chemistry	CHE-201C	2018-19
24	Analysis of Mixture Salt	CHE-201P	2018-19
25	Inorganic and organic chemistry	CHE-301C	2018-19
26	Titrimetric analysis & Organic functional groups	CHE-301P	2018-19
27	Spectroscopy and Physical chemistry	CHE-401C	2018-19
28	Physical Chemistry and IR Spectral Analysis	CHE-401P	2018-19
29	Inorganic, Organic & Physical Chemistry	CHE-501C	2018-19
30	Organic Qualitative Analysis	CHE-501P	2018-19
31	Inorganic, Organic & Physical Chemistry	CHE-502C	2018-19
32	Physical Chemistry	CHE -502P	2018-19
33	Analytical methods in Chemistry	CHE -601GE	2018-19
34	Chromatography & Volumetric analysis	CHE -601GE P	2018-19
35	Organic spectroscopic techniques	CHE -602CE	2018-19
36	Preparations of Organic compounds	CHE -602CE P	2018-19
37	Advanced organic reactions	CHE -603CE	2018-19
38	Preparations of Organic compounds by Green	CHE -603CE P	2018-19

39	Pharmaceutical and Medicinal chemistry	CHE -604CE	2018-19
40	Project work	CHE -604CE P	2018-19
<b>Chemistry (P.G)</b>			
41	General chemistry	OCH101	2018-19
42	Inorganic chemistry-1	OCH102	2018-19
43	Organic chemistry-1	OCH103	2018-19
44	Physical chemistry-1	OCH104	2018-19
45	Organic spectroscopy	OCH201	2018-19
46	Inorganic chemistry-2	OCH202	2018-19
47	Organic chemistry-2	OCH203	2018-19
48	Physical chemistry-2	OCH204	2018-19
49	Advanced organic spectroscopy	OCH301	2018-19
50	Organic reaction & mechanisms	OCH302	2018-19
51	Organic synthesis	OCH303	2018-19
52	Organometallic chemistry, Heterocyclic chemistry and Natural products	OCH304	2018-19
<b>Computer Science(UG)</b>			
53	Computer Fundamentals & Photoshop	CSC-101C	2018-19
54	Computer Fundamentals & Photoshop lab	CSC-101P	2018-19
55	Programming in C	CSC-201C	2018-19
56	Programming in C lab	CSC-201P	2018-19
57	Object Oriented Programming using JAVA	CSC-301C	2018-19
58	Object Oriented Programming using JAVA lab	CSC-301P	2018-19
59	Data Structures	CSC-401C	2018-19
60	Data Structures Lab	CSC-401P	2018-19
61	Data Base Management System	CSC-501C	2018-19
62	Data Base Management System Lab	CSC-501P	2018-19
63	Software Engineering	CSC-502C	2018-19
64	Software Engineering Lab	CSC-502C	2018-19
65	Web Technologies	CSC-601(GE)	2018-19
66	Web Technologies Lab	CSC-601(GE)	2018-19
67	PHP, MySql& Word Press	CSC-602CE	2018-19
68	PHP, MySql& Word Press Lab	CSC-602CE	2018-19
69	JQUERY/AJAX/JSON/ANGULAR JS	CSC-603CE	2018-19
70	JQUERY/AJAX/JSON/ANGULAR JS Lab	CSC-603CE	2018-19
71	Project(PHP & MY SQL)	CSC -PROJ-602P	2018-19
72	Computer Fundamentals & Photoshop	CCSC-103C	2018-19
73	Computer Fundamentals & Photoshop Lab	CCSC-103P	2018-19
74	Enterprise Resource Planning	CCSC-203C	2018-19
75	Office Automation Tools	CCSC-303C	2018-19
76	Office Automation Tools Lab	CCSC-303P	2018-19
77	Business Analytics	CCSC-403C	2018-19
78	Programming in C	CCSC 505C	2018-19
79	Programming in C Lab	CCSC-505P	2018-19
80	Data Base Management System	CCSC 506C	2018-19
81	Data Base Management System Lab	CCSC-506P	2018-19
82	Web Technologies	CCSC-507C	2018-19

83	TALLY	COM-CSC 605	2018-19
84	TALLY Lab	COM-CSC 605P	2018-19
85	E-COMMERCE	COM-CSC 606	2018-19
86	PHP& MY SQL	COM-CSC 607	2018-19
87	PHP& MY SQL Lab	COM-CSC 607P	2018-19
88	Computer Fundamentals & Office Tools	ICT-I-201	2018-19
89	Internet Fundamentals & Web Tools	ICT-II-301	2018-19
<b>Computre Science (PG)</b>			
90	Object Oriented Programming Systems	MCS10116	2018-19
91	Computer Organization	MCS10216	2018-19
92	Discrete Mathematical Structure	MCS10316	2018-19
93	Data Base Managenet Systems	MCS10416	2018-19
94	Data Structures	MCS10516	2018-19
95	Data Structures Lab Using Java	MCS106P16	2018-19
96	Data Base Managenet Systems Lab	MCS107P16	2018-19
97	Obect oriented Programming Lab	MCS108P15	2018-19
98	Computer Networks	MCS 20116	2018-19
99	Operation Research	MCS 20216	2018-19
100	Theory Of Computations	MCS20316	2018-19
101	Object Oriented Software Enginnering	MCS20416	2018-19
102	Operating Systems	MCS20516	2018-19
103	Object Oriented SoftwareEnginnering Lab	MCS206P16	2018-19
104	Operatiung Systems & Networks Lab	MCS207P16	2018-19
105	Technical Report Writng	MSC208P16	2018-19
106	Cryptogarphy & Network Security	MCS30116	2018-19
107	Desing and Analysis of Algorithms	MCS30216	2018-19
108	Data Ware Housing and Data Mining	MCS30316	2018-19
109	Web Technologies	MCS30416	2018-19
110	Software Testing	MCS305C16	2018-19
111	Web Technologies Lab	MCS306P16	2018-19
112	Data Mining Lab	MCS307P16	2018-19
113	Testing Tools Lab	MCS308P16	2018-19
114	Dot Net Programming	MCS40116	2018-19
115	Mobile Computing	MCS40216	2018-19
116	Cloud Computing	MCS403A16	2018-19
117	Dot Net Programming Lab	MCS404P16	2018-19
118	Project Work	MCS405P16	2018-19
<b>Commerce (UG)</b>			
119	Fundamentals of Accounting I (Gen, C )	CACC101G/ CC	2018-19
120	Business Organization (Gen)	CBO -102G C	2018-19
121	Business Organization and management (CA)	CBOM102CC	2018-19
122	Fundamentals of Accounting -- II (Gen,CA)	CACC 201 G/CC	2018-19
123	Business Environment (Gen)	CBEN 202 G C	2018-19
124	Corporate Accounting (Gen & CA,)	CCA301 G/CC	2018-19
125	Business Statistics (Gen & CA,)	CBS 302 G/CC	2018-19
126	Banking theory and practice (Gen)	CBTP 303 G/C	2018-19
127	Accounting for Service Organizations (Gen)	CASO-401 GC	2018-19

128	Business Laws (Gen & CA)	CBL-402G/CC	2018-19
129	Income Tax (Gen)	CIT-403GC	2018-19
130	Business Leadership (GEN&CA)	CBL-501 (U)	2018-19
131	Cost Accounting (GEN&CA)	CCOA-502 G/CC	2018-19
132	Taxation (CA)	CTAX -503 CC	2018-19
133	Goods and service Tax Fundamentals (GEN)	CGST 503 G/C	2018-19
134	Commercial Geography (GEN&CA)	CCG -504 G/C C	2018-19
135	Central Banking (GEN)	CCB -505 (E) G/C	2018-19
136	Rural and Farm Credit (GEN)	COM RFC -506 (E)	2018-19
137	Event Management (GEN& CA)	CEM-601G/CC	2018-19
138	Marketing (GEN& CA)	CM-602 GE G/C	2018-19
139	Auditing(GEN& CA)	CAU-603GE G/C	2018-19
140	Management Accounting (GEN& CA)	CMA 604GE G/C	2018-19
141	Financial Services (GEN)	CFS 605 CE G/C	2018-19
142	Marketing of Financial Services	CMFS 606 CE G/C	2018-19
143	Project	COM 607P	2018-19
<b>Commerce (PG)</b>			
144	Business Management	COM101	2018-19
145	Business Economics	COM102	2018-19
146	Business Environment	COM103	2018-19
147	Entrepreneurship Development	COM104	2018-19
148	Information Technology for Business	COM105	2018-19
149	Quantitative Techniques for Business	COM106	2018-19
150	Business law	COM211	2018-19
151	Financial Management	COM212	2018-19
152	Human Resources Management	COM213	2018-19
153	Marketing Management	COM214	2018-19
154	Research methods and Business Analytics	COM215	2018-19
155	E-. Commerce	COM216	2018-19
156	Human values and Ethics	GE02	2018-19
157	Financial Accounting and Packages	COM 301	2018-19
158	Business Communications	COM 302	2018-19
159	Corporate Accounting	COM 303	2018-19
160	Direct Taxes	COM 304	2018-19
161	Advanced Banking	COM 305	2018-19
162	Insurance and Risk Management	COM 306	2018-19
163	Disaster Management	COM 307	2018-19
164	Project	COM 308	2018-19
165	Indian Financial System	COM 401	2018-19
166	International Business	COM 402	2018-19
167	E-Banking	COM 403	2018-19
168	International Banking	COM 404	2018-19

169	General Insurance	COM 405	2018-19
170	Life Insurance	COM 406	2018-19
171	Project- VIVA VOCE	COM 407	2018-19
<b>English</b>			
172	General English	ENG 101C	2018-19
173	General English	ENG 201C	2018-19
174	Communication and Soft Skills - I	CSS 201C	2018-19
175	General English	ENG 301C	2018-19
176	Communication and Soft Skills - II	CSS 301C	2018-19
177	Communication and Soft Skills - III	CSS 401C	2018-19
<b>Environmental Science</b>			
178	Environmental Studies	ENS101	2018-19
179	Human Values & Professional Ethics	HVPE101	2018-19
180	Entrepreneurship	ENP403	2018-19
<b>Economics</b>			
181	Micro Economics	ECO-101C	2018-19
182	Business Economics	CBE103GC	2018-19
183	Micro Economics-Production and Price Theory	ECO-201C	2018-19
184	Business Economics	CBE203GC	2018-19
185	Business Economics	CBE-203C	2018-19
186	Macro Economics- National Income Employment and Money	ECO-301C	2018-19
187	Banking and International Trade	ECO-401C	2018-19
188	Economic Development and Indian Economy	ECO-501C	2018-19
189	Indian And Andhra Pradesh Economy	ECO-502C	2018-19
190	Agricultural Economics	ECO-601GE	2018-19
191	Agri Business Environment in Andhra Pradesh	ECO-602CE	2018-19
192	Agricultural Output Marketing	ECO-603CE	2018-19
193	Project Work	ECO-604CE	2018-19
<b>History</b>			
194	Ancient Indian History and culture	HIS-101C	2018-19
195	Early mediaeval Indian History and culture	HIS-201C	2018-19
196	Late mediaeval and colonial History of India	HIS-301C	2018-19
197	Social reform movement and freedom struggle	HIS-401C	2018-19
198	Age of Rationalism and Humanism -The world Between 15 <sup>th</sup> and 18 <sup>th</sup> centuries	HIS-501C	2018-19
199	History and culture of Andhra Desa 12 <sup>th</sup> Century to 19 <sup>th</sup> Century AD	HIS-502C	2018-19
200	History of modern Europe 19 <sup>th</sup> century to 1945 AD	HIS-601GE	2018-19
<b>Hindi</b>			
201	General Hindi	HIN101C	2018-19
202	General Hindi	HIN201C	2018-19
203	General Hindi	HIN301C	2018-19
<b>Mathematics</b>			
204	Differential Equations	MAT 101	2018-19
205	Solid Geometry	MAT 201	2018-19

206	Abstract Algebra& Real Analysis I	MAT 301	2018-19
207	Abstract Algebra& Real Analysis II	MAT 401	2018-19
208	Analytical Skills	ANS 402	2018-19
209	Ring Theory & Vector Calculus	MAT 501	2018-19
210	Linear Algebra	MAT 502	2018-19
211	Numerical Analysis	MAT 601GE	2018-19
212	Integral Transforms and Applications	MAT 602CE	2018-19
213	Advanced Numerical Analysis	MAT 603CE	2018-19
214	Applications of Advanced Numerical Analysis With “C” Programme PROJECT	MAT 604CE	2018-19
<b>Physics</b>			
215	Mechanics and Properties of matter	PHY-101C	2018-19
216	Mechanics and Properties of matter Practical	PHY-101P	2018-19
217	Waves and oscillations	PHY-201C	2018-19
218	Waves and oscillations Practical	PHY-201P	2018-19
219	Wave optics	PHY-301C	2018-19
220	Wave optics Practical	PHY-301P	2018-19
221	Thermodynamics and Radiation physics	PHY-401C	2018-19
222	Thermodynamics and Radiation physics- Practical	PHY-401P	2018-19
223	Electricity, Magnetism and electronics	PHY-501C	2018-19
224	Electricity, Magnetism and electronics- Practical	PHY-501P	2018-19
225	Modern physics	PHY-502C	2018-19
226	Modern physics- Practical	PHY-502P	2018-19
227	Analog and Digital electronics	PHY-601GE	2018-19
228	Analog and Digital electronics- Practical	PHY-601GEP	2018-19
229	Introduction to microprocessor and microcontroller	PHY-602CE	2018-19
230	Introduction to microprocessor and microcontroller- Practical	PHY-602CEP	2018-19
231	Computational methods and programming	PHY-603CE	2018-19
232	Computational methods and programming- Practical	PHY-603CEP	2018-19
233	Electronic instrumentation	PHY-604CE	2018-19
234	Electronic instrumentation-Practical	PHY-604CEP	2018-19
<b>Political Science</b>			
235	Basic concepts of political science	POL101	2018-19
236	Concepts theories and institutions	POL201	2018-19
237	Indian constitution	POL301	2018-19
238	Indian political process	POL401	2018-19
239	Indian political thought	POL501C	2018-19
240	Western political thought	POL502C	2018-19
241	Local self-government in Andhra Pradesh	POL601GE	2018-19
242	International relations	POL602CE	2018-19
243	Indian foreign policy	POL603CE	2018-19
244	Project work	POL604CE	2018-19
<b>Telugu</b>			
245	General Telugu	TEL 101	2018-19
246	General Telugu	TEL 201	2018-19
247	General Telugu	TEL301	2018-19
248	Leadership Education	LEP404	2018-19

<b>Zoology</b>			
249	Biology of Non-Chordates	ZOO101C	2018-19
250	Animal Diversity of Non-Chordates -Practical	ZOO101P	2018-19
251	Biology of Chordates	ZOO201C	2018-19
252	Biology of Chordates-Practical	ZOO201P	2018-19
253	Cytology, Genetics& Evolution	ZOO301C	2018-19
254	Cytology, Genetics& Evolution - Practical	ZOO301P	2018-19
255	Embryology, Physiology and Ecology	ZOO401C	2018-19
256	Embryology, Physiology and Ecology - Practical	ZOO401P	2018-19
257	Animal Biotechnology	ZOO501C	2018-19
258	Animal Biotechnology-Practical	ZOO501P	2018-19
259	Animal Husbandry	ZOO 502C	2018-19
260	Animal Husbandry- Practical	ZOO 502P	2018-19
261	Immunology	ZOO601-A(EL)	2018-19
262	Immunology --Practical	ZOO601-A(EL)P	2018-19
263	Principles of Aquaculture.	ZOO602B-1(CL)	2018-19
264	Principles of Aquaculture -Practical	ZOO602B-1 (CL)P	2018-19
265	Aquaculture Management.	ZOO603B-2(CL)	2018-19
266	Aquaculture Management. Practical	ZOO603B-2 (CL)P	2018-19
267	Postharvest Technology	ZOO604B-3(CL)	2018-19
268	Project	ZOO604B-3 (CL)P	2018-19
<b>2019-20</b>			
<b>Aqua Culture</b>			
269	Basic Principles of Aquaculture	AQU101C	2019-20
270	Practical	AQU101P	2019-20
271	Biology of fin fish & shell fish	AQU201C	2019-20
272	Practical	AQU201P	2019-20
<b>Botany</b>			
273	Microbial diversity, algae and fungi.	BOT101C	2019-20
274	Practical	BOT101P	2019-20
275	Diversity of Archegoniate and Plant anatomy	BOT201C	2019-20
276	Practical	BOT201P	2019-20
277	Plant Taxonomy and Plant physiology	BOT301	2019-20
278	practical	BOT301P	2019-20
279	Plant Embryology and Plant metabolism	BOT401	2019-20
280	Practical	BOT401P	2019-20
281	Cell biology,Genetics and plant breeding	BOT501	2019-20
282	practical	BOT501P	2019-20
283	Plant ecology and Phyto geography	BOT502	2019-20
284	Practical	BOT502P	2019-20
285	Plant tissue culture and its Biotechnological applications	BOT601GE	2019-20
286	Practical	BOT601P	2019-20

287	Plant diversity and Human welfare	BOT602CE	2019-20
288	Practical	BOT602CEP	2019-20
289	Ethnobotany and Medicinal botany	BOT603CE	2019-20
290	Practical	BOT603CEP	2019-20
291	Pharmacognosy and Phyto chemistry	BOT604CE	2019-20
292	Practical	BOT604CEP	2019-20
<b>Chemistry</b>			
293	Inorganic and Organic chemistry	CHE-101C	2019-20
294	Simple salt analysis	CHE-101P	2019-20
295	Physical and General chemistry	CHE-201C	2019-20
296	Analysis of Mixture Salt	CHE-201P	2019-20
297	Inorganic and organic chemistry	CHE-301C	2019-20
298	Titrimetric analysis & Organic functional groups	CHE-301P	2019-20
299	Spectroscopy and Physical chemistry	CHE-401C	2019-20
300	Physical Chemistry and IR Spectral Analysis	CHE-401P	2019-20
301	Inorganic, Organic & Physical Chemistry	CHE-501C	2019-20
302	Organic Qualitative Analysis	CHE-501P	2019-20
303	Inorganic, Organic & Physical Chemistry	CHE-502C	2019-20
304	Physical Chemistry	CHE -502P	2019-20
305	Analytical methods in Chemistry	CHE -601GE	2019-20
306	Chromatography & Volumetric analysis	CHE -601GE P	2019-20
307	Organic spectroscopic techniques	CHE -602CE	2019-20
308	Preparations of Organic compounds	CHE -602CE P	2019-20
309	Advanced organic reactions	CHE -603CE	2019-20
310	Preparations of Organic compounds by Green procedure	CHE -603CE P	2019-20
311	Pharmaceutical and Medicinal chemistry	CHE -604CE	2019-20
312	Project work	CHE -604CE P	2019-20
<b>Chemistry (P.G)</b>			
313	General chemistry	OCH101	2019-20
314	Inorganic chemistry-1	OCH102	2019-20
315	Organic chemistry-1	OCH103	2019-20
316	Physical chemistry-1	OCH104	2019-20
317	Organic spectroscopy	OCH201	2019-20
318	Inorganic chemistry-2	OCH202	2019-20
319	Organic chemistry-2	OCH203	2019-20
320	Physical chemistry-2	OCH204	2019-20
321	Advanced organic spectroscopy	OCH301	2019-20
322	Organic reaction & mechanisms	OCH302	2019-20
323	Organic synthesis	OCH303	2019-20
324	Organometallic chemistry, Heterocyclic chemistry and Natural products	OCH304	2019-20



<b>Computer Science(UG)</b>			
325	Computer Fundamentals & Photoshop	CSC-101C	2019-20
326	Computer Fundamentals & Photoshop lab	CSC-101P	2019-20
327	Programming in C	CSC-201C	2019-20
328	Programming in C lab	CSC-201P	2019-20
329	Object Oriented Programming using JAVA	CSC-301C	2019-20
330	Object Oriented Programming using JAVA lab	CSC-301P	2019-20
331	Data Structures	CSC-401C	2019-20
332	Data Structures Lab	CSC-401P	2019-20
333	Data Base Management System	CSC-501C	2019-20
334	Data Base Management System Lab	CSC-501P	2019-20
335	Software Engineering	CSC-502C	2019-20
336	Software Engineering Lab	CSC-502P	2019-20
337	Web Technologies	CSC-601(GE)	2019-20
338	Web Technologies Lab	CSC-601(GE)	2019-20
339	PHP, MySql& Word Press	CSC-602CE	2019-20
340	PHP, MySql& Word Press Lab	CSC-602CE	2019-20
341	JQUERY/AJAX/JSON/ANGULAR JS	CSC-603CE	2019-20
342	JQUERY/AJAX/JSON/ANGULAR JS Lab	CSC-603CE	2019-20
343	Project(PHP & MY SQL)	CSC -PROJ-602P	2019-20
344	Computer Fundamentals & Photoshop	CCSC-103C	2019-20
345	Computer Fundamentals & Photoshop Lab	CCSC-103P	2019-20
346	Enterprise Resource Planning	CCSC-203C	2019-20
347	Office Automation Tools	CCSC-303C	2019-20
348	Office Automation Tools Lab	CCSC-303P	2019-20
349	Business Analytics	CCSC-403C	2019-20
350	Programming in C	CCSC 505C	2019-20
351	Programming in C Lab	CCSC-505P	2019-20
352	Data Base Management System	CCSC 506C	2019-20
353	Data Base Management System Lab	CCSC-506P	2019-20
354	Web Technologies	CCSC-507C	2019-20
355	TALLY	COM-CSC 605	2019-20
356	TALLY Lab	COM-CSC 605P	2019-20
357	E-COMMERCE	COM-CSC 606	2019-20
358	PHP& MY SQL	CCSC-607CE	2019-20
359	PHP& MY SQL Lab	CCSC -607	2019-20
360	Computer Fundamentals & Office Tools	ICT-I-201	2019-20
361	Internet Fundamentals & Web Tools	ICT-II-301C	2019-20
<b>Computer Science(PG)</b>			
362	Object Oriented Programming Systems	MCS10116	2019-20
363	Computer Organization	MCS10216	2019-20
364	Discrete Mathematical Structure	MCS10316	2019-20
365	Data Base Managenet Systems	MCS10416	2019-20
366	Data Structures	MCS10516	2019-20
367	Data Structures Lab Using Java	MCS106P16	2019-20
368	Data Base Managenet Systems Lab	MCS107P16	2019-20
369	Obect Oriented Programming Lab	MCS108P15	2019-20

370	Computer Networks	MCS 20116	2019-20
371	Operation Research	MCS 20216	2019-20
372	Theory Of Computations	MCS20316	2019-20
373	Object Oriented Software Enginnering	MCS20416	2019-20
374	Operating Systems	MCS20516	2019-20
375	Object Oriented SoftwareEngineering Lab	MCS206P16	2019-20
376	Operatiung Systems & Networks Lab	MCS207P16	2019-20
377	Technical Report Writng	MSC208P16	2019-20
378	Cryptogarpby & Network Security	MCS30116	2019-20
379	Desing and Analysis of Algorithms	MCS30216	2019-20
380	Data Ware Housing and Data Mining	MCS30316	2019-20
381	Web Technologies	MCS30416	2019-20
382	Software Testing	MCS305C16	2019-20
383	Web Technologies Lab	MCS306P16	2019-20
384	Data Mining Lab	MCS307P16	2019-20
385	Testing Tools Lab	MCS308P16	2019-20
386	Dot Net Programming	MCS40116	2019-20
387	Mobile Computing	MCS40216	2019-20
388	Cloud Computing	MCS403A16	2019-20
389	Dot Net Programming Lab	MCS404P16	2019-20
390	Project Work	MCS405P16	2019-20
<b>Commerce</b>			
391	Fundamentals of Accounting I (Gen, CA )	CACC101G/ CC	2019-20
392	Business Organization (Gen)	CBO -102G C	2019-20
393	Business Organization and management (CA)	CBO102CC	2019-20
394	Fundamentals of Accounting -- II (Gen,CA)	CACC 201 G/CC	2019-20
395	Business Environment (Gen)	CBEN 202 G C	2019-20
396	Corporate Accounting (Gen & CA,)	CCA301 G/CC	2019-20
397	Business Statistics (Gen & CA,)	CBS 302 G/CC	2019-20
398	Banking theory and practice (Gen)	CBTP 303 G/C	2019-20
399	Accounting for Service Organizations (Gen)	CASO-401 GC	2019-20
400	Business Laws (Gen & CA)	CBL-402G/CC	2019-20
401	Income Tax (Gen)	CIT-403GC	2019-20
402	Banking Theory &Practice (CA)	CBTP 401 CC	2019-20
403	Leadership Education (All Degree Programs)	LEP 404	2019-20
404	Business Leadership (GEN&CA)	CBL-501 (U)	2019-20
405	Cost Accounting (GEN&CA)	CCOA-502 G/CC	2019-20
406	Taxation (CA)	CTAX -503 CC	2019-20
407	Goods and service Tax Fundamentals (GEN)	CGST 503 G/C	2019-20
408	Commercial Geography (GEN&CA)	CCG -504 G/C C	2019-20
409	Central Banking (GEN)	CCB -505 (CE)	2019-20
410	Rural and Farm Credit (GEN)	C RC -506 (CE)	2019-20
411	Project	COM507	2019-20
412	Event Management (GEN& CA)	CEM-601G/CC	2019-20
413	Marketing (GEN& CA)	CM-602 GE G/C	2019-20
414	Auditing (GEN& CA)	CAU-603GE G/C	2019-20

415	Management Accounting (GEN& CA)	CMA 604GE G/C	2019-20
416	Financial Services (GEN)	CFS 605 CE G/C	2019-20
417	Marketing of Financial Services	CMFS 606 CE G/C	2019-20
418	Project	COM 607P	2019-20
<b>Commerce(PG)</b>			
419	Business Management	COM101	2019-20
420	Business Economics	COM102	2019-20
421	Business Environment	COM103	2019-20
422	Entrepreneurship Development	COM104	2019-20
423	Information Technology for Business	COM105	2019-20
424	Quantitative Techniques for Business	COM106	2019-20
425	Business law	COM211	2019-20
426	Financial Management	COM212	2019-20
427	Human Resources Management	COM213	2019-20
428	Marketing Management	COM214	2019-20
429	Research methods and Business Analytics	COM215	2019-20
430	E-. Commerce	COM216	2019-20
431	Human values and Ethics	GE02	2019-20
432	Financial Accounting and Packages	COM 301	2019-20
433	Business Communications	COM 302	2019-20
434	Corporate Accounting	COM 303	2019-20
435	Direct Taxes	COM 304	2019-20
436	Advanced Banking	COM 305	2019-20
437	Insurance and Risk Management	COM 306	2019-20
438	Project	COM 308	2019-20
439	Indian Financial System	COM 401	2019-20
440	International Business	COM 402	2019-20
441	E-Banking	COM 403	2019-20
442	International Banking	COM 404	2019-20
443	General Insurance	COM 405	2019-20
444	Life Insurance	COM 406	2019-20
445	Project- VIVA VOCE	COM 407	2019-20
<b>ENGLISH</b>			
446	General English	ENG 101C	2019-20
447	General English	ENG 201C	2019-20
448	Communication and Soft Skills - I	CSS 201C	2019-20
449	General English	ENG 301C	2019-20
450	Communication and Soft Skills - II	CSS 301C	2019-20
451	Communication and Soft Skills - III	CSS 401C	2019-20
<b>Environmental Science</b>			
452	Environmental Studies	ENS101	2019-20
453	Human Values & Professional Ethics	HVPE101	2019-20
454	Entrepreneurship	ENP403	2019-20
<b>Economics</b>			
455	Micro Economics-I	ECO-101C	2019-20
456	Business Economics	CBE-103GC	2019-20

457	Micro Economics-Production and Price Theory	ECO-201C	2019-20
458	Business Economics	CBE-203GC	2019-20
459	Business Economics	CBE-203C	2019-20
460	Macro Economics- National Income Employment and Money	ECO-301C	2019-20
461	Banking and International Trade	ECO-401C	2019-20
462	Economic Development and Indian Economy	ECO-501C	2019-20
463	Indian and Andhra Pradesh Economy	ECO-502C	2019-20
464	Agricultural Economics	ECO-601GE	2019-20
465	Agri Business Environment in Andhra Pradesh	ECO-602CE	2019-20
466	Agricultural Output Marketing	ECO-603CE	2019-20
467	Project Work	ECO-604CE	2019-20
<b>History</b>			
468	Ancient Indian History and culture	HIS-101C	2019-20
469	Early Medieval Indian History & Culture	HIS-201C	2019-20
470	Late mediaeval and colonial History of India	HIS-301C	2019-20
471	Social reform movement and freedom struggle	HIS-401C	2019-20
472	Age of Rationalism and Humanism -The world Between 15 <sup>th</sup> and 18 <sup>th</sup> Centuries	HIS-501C	2019-20
473	History and culture of Andhra Desa12 <sup>th</sup> Century to 19 <sup>th</sup> Century AD	HIS-502C	2019-20
474	History of Modern Europe (19 <sup>th</sup> Century to 1945AD)	HIS-601GE	2019-20
<b>Hindi</b>			
475	General Hindi	HIN101C	2019-20
476	General Hindi	HIN201C	2019-20
477	General Hindi	HIN301C	2019-20
<b>Mathematics</b>			
478	Differential Equations	MAT 101	2019-20
479	Solid Geometry	MAT 201	2019-20
480	Abstract Algebra and Real Analysis -I	MAT 301	2019-20
481	Abstract Algebra and Real Analysis -II	MAT 401	2019-20
482	Analytical Skills	ANS 402	2019-20
483	Ring Theory & Vector Calculus	MAT 501	2019-20
484	Linear Algebra	MAT 502	2019-20
485	Numerical Analysis	MAT 601GE	2019-20
486	Integral Transforms and Applications	MAT 602CE	2019-20
487	Advanced Numerical Analysis	MAT 603CE	2019-20
488	Applications of Advanced Numerical Analysis With “C” Programme PROJECT	MAT 604	2019-20
<b>Physics</b>			
489	Mechanics andProperties of matter	PHY-101C	2019-20
490	Mechanics andProperties of matter- Practical	PHY-101P	2019-20
491	Waves and oscillations	PHY-201C	2019-20
492	Waves and oscillations- Practical	PHY-201P	2019-20
493	Wave optics	PHY-301C	2019-20
494	Wave optics- Practical	PHY-301P	2019-20

495	Thermodynamics and Radiation physics	PHY-401C	2019-20
496	Thermodynamics and Radiation physics- Practical	PHY-401P	2019-20
497	Electricity, Magnetism and electronics	PHY-501C	2019-20
498	Electricity, Magnetism and electronics- Practical	PHY-501P	2019-20
499	Modern physics	PHY-502C	2019-20
500	Modern physics- Practical	PHY-502P	2019-20
501	Analog and Digital electronics	PHY-601GE	2019-20
502	Analog and Digital electronics- Practical	PHY-601GEP	2019-20
503	Introduction to microprocessor and microcontroller	PHY-602CE	2019-20
504	Introduction to microprocessor and microcontroller- Practical	PHY-602CEP	2019-20
505	Computational methods and programming	PHY-603CE	2019-20
506	Computational methods and programming- Practical	PHY-603CEP	2019-20
507	Electronic instrumentation	PHY-604CE	2019-20
508	Electronic instrumentation- Practical	PHY-604CEP	2019-20
<b>Political Science</b>			
509	Basic concepts of political science	POL101	2019-20
510	Concept theory and institutions	POL201	2019-20
511	Indian constitution	POL301	2019-20
512	Indian political process	POL401	2019-20
513	Indian political thought	POL501C	2019-20
514	Western political thought	POL502C	2019-20
515	Local self-government in Andhra Pradesh	POL601GE	2019-20
516	International relations	POL602CE	2019-20
517	Indian foreign policy	POL603CE	2019-20
518	Project work	POL604CE	2019-20
<b>Telugu</b>			
519	General Telugu	TEL-101C	2019-20
520	General Telugu	TEL-201C	2019-20
521	General Telugu	TEL -301	2019-20
<b>Zoology</b>			
522	Biology of Non-Chordates	ZOO101C	2019-20
523	Biology of Non-Chordate-Practical	ZOO101P	2019-20
524	Biology of Chordates	ZOO201C	2019-20
525	Biology of Chordates Practical	ZOO201P	2019-20
526	Cytology, Genetics & Evolution	ZOO301C	2019-20
527	Cytology, Genetics& Evolution- Practical	ZOO301P	2019-20
528	Embryology, Physiology and Ecology	ZOO401C	2019-20
529	Embryology, Physiology and Ecology -- Practical	ZOO401P	2019-20
530	Animal Biotechnology	ZOO501C	2019-20
531	Animal Biotechnology Practical	ZOO501P	2019-20
532	Animal Husbandry	ZOO 502C	2019-20
533	Animal Husbandry--Practical	ZOO 502P	2019-20
534	Immunology (Immunology.and Molecular Biology)	ZOO601GE	2019-20
535	Immunology --Practical	ZOO-601GEP	2019-20
536	Principles of Aquaculture.	ZOO602 CE	2019-20
537	Principles of Aquaculture.Practical	ZOO602C I P	2019-20
538	Aquaculture Management.	ZOO-603CE	2019-20

539	Aquaculture Management. Practical	ZOO603C II P	2019-20
540	Postharvest Technology	ZOO604 CE	2019-20
541	PROJECT	ZOO C III P	2019-20
<b>2020-21</b>			
<b>Aqua Culture</b>			
542	Basic Principles of Aquaculture	AQU101C	2020-21
543	Practical	AQU101P	2020-21
544	Biology of fin fish & shell fish	AQU201C	2020-21
545	Practical	AQU201P	2020-21
546	Fish Nutrition & Feed Technology	AQU301C	2020-21
547	Practical	AQU301P	2020-21
548	Fresh water & Brackish water Aquaculture	AQU401C	2020-21
549	Practical	AQU401P	2020-21
<b>Botany</b>			
550	Fundamentals of Microbes and Non-VascularPlants	BOTI01C	2020-21
551	Practical	BOT101P	2020-21
552	Basics of Vascular plants and Phytogeography	BOT201C	2020-21
553	Practical	BOT201P	2020-21
554	Plant taxonomy and plant Physiology	BOT301C	2020-21
555	Practical	BOT301P	2020-21
556	Plant Embryology and Plant metabolism	BOT401C	2020-21
557	Practical	BOT401P	2020-21
558	Cell biology, Genetics and Plant breeding	BOT 501C	2020-21
559	Practical	BOT501P	2020-21
560	Plant ecology and phytogeography	BOT 502 C	2020-21
561	Practical	BOT502P	2020-21
562	Plant tissue culture and its biotechnological applications	BOT 601GE	2020-21
563	Practical	BOT 601P	2020-21
564	Plant diversity and Human welfare	BOT 602CE	2020-21
565	Practical	BOT 602CEP	2020-21
566	Ethnobotany and Medicinal botany	BOT 603CE	2020-21
567	Practical	BOT 603CEP	2020-21
568	Pharmacognosy and Phyto chemistry	BOT 604CE	2020-21
569	Practical	BOT 604CEP	2020-21
570	Plant Nursery	PNT-501	2020-21
<b>Chemistry (UG)</b>			
571	Inorganic and Physical chemistry	CHE-101C	2020-21
572	Analysis of Mixture Salt	CHE-101P	2020-21
573	Organic and General chemistry	CHE-201C	2020-21
574	Food adulteration	FA	2020-21
575	Volumetric analysis	CHE-201P	2020-21
576	Inorganic and organic chemistry(Inorganic, , Organic, Physical Chemistry	CHE-301C	2020-21
577	Titrimetric analysis & Organic functional groups	CHE-301P	2020-21
578	Spectroscopy and Physical chemistry	CHE-401C	2020-21
579	Physical Chemistry and IR Spectral Analysis	CHE-401P	2020-21

580	Inorganic, Organic & Physical Chemistry	CHE-501C	2020-21
581	Organic Qualitative Analysis	CHE-501P	2020-21
582	Inorganic, Organic & Physical Chemistry	CHE-502C	2020-21
583	Physical Chemistry	CHE -502P	2020-21
584	Analytical methods in Chemistry	CHE -601GE	2020-21
585	Chromatography & Volumetric analysis	CHE -601GE P	2020-21
586	Organic spectroscopic techniques	CHE -602CE	2020-21
587	Preparations of Organic compounds	CHE -602CE P	2020-21
588	Advanced organic reactions	CHE -603CE	2020-21
589	Preparations of Organic compounds by Green procedure	CHE -603CE P	2020-21
590	Pharmaceutical and Medicinal chemistry	CHE -604CE	2020-21
591	Project work	CHE -604CE P	2020-21
<b>Chemistry (P.G)</b>			
592	General chemistry	CH1T1	2020-21
593	Inorganic chemistry-1	CH1T2	2020-21
594	Organic chemistry-1	CH1T3	2020-21
595	Physical chemistry-1	CH1T4	2020-21
596	Organic spectroscopy	20CH2T1	2020-21
597	Inorganic chemistry-2	20CH2T2	2020-21
598	Organic chemistry-2	20CH2T3	2020-21
599	Physical chemistry-2	20CH2T4	2020-21
600	Chemistry in daily life	20OECH	2020-21
601	Advanced organic spectroscopy	OCH301	2020-21
602	Organic reaction & mechanisms	OCH302	2020-21
603	Organic synthesis	OCH303	2020-21
604	Organometallic chemistry, Heterocyclic chemistry and Natural products	OCH304	2020-21
<b>Computer Science(UG)</b>			
605	PROBLEM SOLVING IN 'C'	CSC-101C	2020-21
606	PROBLEM SOLVING IN 'C' LAB	CSC-101P	2020-21
607	DATA STRUCTURES USING C	CSC-201C	2020-21
608	DATA STRUCTURES USING C LAB	CSC-201P	2020-21
609	JAVA	CSC-301C	2020-21
610	JAVA LAB	CSC-301C	2020-21
611	DATA STRUCTURES	CSC-401C	2020-21
612	DATA STRUCTURES LAB	CSC-401P	2020-21
613	DATA BASE MANAGEMENT SYSTEMS	CSC-501C	2020-21
614	DATA BASE MANAGEMENT SYSTEMS LAB	CSC-501P	2020-21
615	SOFTWARE ENGINEERING	CSC-502C	2020-21
616	SOFTWARE ENGINEERING LAB	CSC-502C	2020-21
617	WEB TECHNOLOGIES	CSC-601(GE)	2020-21
618	WEB TECHNOLOGIES LAB	CSC-601(GE)	2020-21
619	PHP, MySQL & WORD PRESS	CSC-602CE	2020-21
620	PHP, MySQL & WORD PRESS LAB	CSC-602CE	2020-21
621	Advanced java Script: JQUERY/AJAX/JSON/ANGULAR JS	CSC-603CE	2020-21

622	ADVANCED JAVA SCRIPT: JQUERY/AJAX/JSON/ANGULAR JS LAB	CSC-603CE P	2020-21
623	PROJECT (Java, PHP & MYSQL)(100 Marks)	CSC PROJ-602 P	2020-21
624	INTRODUCTION TO INFORMATION TECHNOLOGY & INTERNET	CCSC-103C	2020-21
625	INTRODUCTION TO INFORMATION TECHNOLOGY & INTERNET LAB	CCSC-103P	2020-21
626	E-COMMERCE&WEB DESIGNING	CCSC-203C	2020-21
627	E-COMMERCE & WEB DESIGNINGLAB	CCSC-203P	2020-21
628	OFFICE AUTOMATION TOOLS	CCSC-303C	2020-21
629	OFFICE AUTOMATION TOOLS LAB	CCSC-303P	2020-21
630	PROGMAMMING IN C	CCSC 403C	2020-21
631	PROGMAMMING IN C LAB	CCSC 403P	2020-21
632	OBJECT ORIENTED PROGRAMMING USING JAVA	CCSC-505C	2020-21
633	OBJECT ORIENTED PROGRAMMING USING JAVA LAB	CCSC-505P	2020-21
634	DATA BASE MANAGEMENT SYSTEMS	CCSC 506C	2020-21
635	DATA BASE MANAGEMENT SYSTEMS LAB	CCSC 506P	2020-21
636	WEB TECHNOLOGIES	CCSC-507C	2020-21
637	TALLY	CCSC-605CE	2020-21
638	TALLY Lab	CCSC-605P	2020-21
639	E-COMMERCE	CCSC-606CE	2020-21
640	PHP& MY SQL	CCSC-607CE	2020-21
641	PHP& MY SQL LAB	CCSC-607CE P	2020-21
642	INFORMATION & COMMUNICATION TECHNOLOGY	ICT-I-201	2020-21
643	INTERNET FUNDAMENTALS & WEB TOOLS	ICT-II-301C	2020-21
<b>Computer Science(PG)</b>			
644	Data Structures	20MCS101	2020-21
645	Programming and Problem-Solving usingPython	20MCS102	2020-21
646	Computer Organization	20MCS103	2020-21
647	Formal Languages and Automation Theory	20MCS104	2020-21
648	Programming and Problem Solving using Python -Lab	20MCS105	2020-21
649	Data Structures- Lab	20MCS106	2020-21
650	Design and Analysis of Algorithms	20MCS201	2020-21
651	Software Engineering	20MCS202	2020-21
652	Operating Systems	20MCS203	2020-21
653	Database Management Systems	20MCS204	2020-21
654	Open Elective –I	20OEMCS205	2020-21
655	Unix Operating Systems Lab	20MCS206	2020-21
656	Database Management Systems Lab	20MCS207	2020-21
657	Cryptogarchy & Network Security	MCS30116	2020-21
658	Desing and Analysis of Algorithms	MCS30216	2020-21
659	Data Ware Housing and Data Mining	MCS30316	2020-21
660	Web Technologies	MCS30416	2020-21
661	Software Testing	MCS305C16	2020-21
662	Web Technologies Lab	MCS306P16	2020-21



663	Data Mining Lab	MCS307P16	2020-21
664	Testing Tools Lab	MCS308P16	2020-21
665	Dot Net Programming	MCS40116	2020-21
666	Mobile Computing	MCS40216	2020-21
667	Cloud Computing	MCS403A16	2020-21
668	Dot Net Programming Lab	MCS404P16	2020-21
669	Project Work	MCS405P16	2020-21
<b>Commerce(UG)</b>			
670	Fundamentals of Accounting-1 (Gen, CA)	CACC-101 G/CC	2020-21
671	Business Organization and Management (CA,)	CBOM-102CC	2020-21
672	Business Organization	CBO-102G/C	2020-21
673	Business Environment (Gen)	CBEN-103G/C	2020-21
674	Insurance promotion (Gen & CA)	CIP 104 G/CC	2020-21
675	Fundamentals of Accounting – II(Gen, CA)	CACC -201G/C C	2020-21
676	BUSINESS ECONOMICS (Gen, CA)	BE-202G/CC	2020-21
677	Banking Theory &Practice (Gen)	CBTP-203G/C	2020-21
678	Corporate Accounting (Gen & CA)	CCA-301G/C C	2020-21
679	Business Statistics (Gen & CA,)	CBS-302G/C C	2020-21
680	Banking Theory & Practice (Gen)	CBTP-303G C	2020-21
681	Accounting for Service Organisation (Gen)	CASO -401G/C	2020-21
682	Banking Theory & Practice (CA)	CBTP-401C C	2020-21
683	Business Laws (Gen & CA)	CBL-402G/CC	2020-21
684	Income Tax (Gen)	CIT-403G/C	2020-21
685	Business Leadership (GEN&CA)	CBL-501 (U)	2020-21
686	Cost Accounting (GEN&CA)	CCOA-502 G/CC	2020-21
687	Taxation (CA)	CTAX -503 CC	2020-21
688	Goods and service Tax Fundamentals (GEN)	CGST 503 G/C	2020-21
689	Commercial Geography (GEN&CA)	CCG -504 G/C C	2020-21
690	Central Banking (GEN)	G/C	2020-21
691	Rural and Farm Credit (GEN)	G/C	2020-21
692	Project	COM507	2020-21
693	Event Management	CEM-601G/CC	2020-21
694	Marketing	CM-602GEG/C C	2020-21
695	Auditing	CAU-603GE G/C C	2020-21
696	Management Accounting	CMA 604GE G/C C	2020-21
697	Financial Services	CFS 605 CE G/C	2020-21
698	Marketing of Financial Services	CMFS 606 CE G/C	2020-21
699	Project	COM 607P	2020-21
<b>Commerce PG</b>			
700	Management theory and practice	CO101	2020-21
701	Business Economics	CO102	2020-21
702	Business Environment	CO103	2020-21
703	Entrepreneurship Development	CO104	2020-21

704	Information technology for Business	CO105	2020-21
705	Quantitative techniques for business decisions	CO106	2020-21
706	Business laws	COM211	2020-21
707	Financial management	COM212	2020-21
708	Human resources management	COM213	2020-21
709	Marketing management	COM214	2020-21
710	Business analytics and research methods	COM215	2020-21
711	E- commerce	COM216	2020-21
712	CBCS PAPER-I	GE-02	2020-21
713	Business communication skills	CO311	2020-21
714	Financial institution and markets	CO312	2020-21
715	Advanced cost accounting	CO321	2020-21
716	Corporate accounting	CO322	2020-21
717	Security analysis and portfolio management	CO331	2020-21
718	Bank management	CO332	2020-21
719	Fundamentals of goods and service tax	GE-04	2020-21
720	Project	GE-04 LAB	2020-21
721	Project planning and control	CO411	2020-21
722	International business	CO412	2020-21
723	MOOCS Organisational behaviour	CO413	2020-21
724	International banking	CO431	2020-21
725	Financial services	CO432	2020-21
726	Banking & technology	CO433	2020-21
727	Insurance products & management	CO434	2020-21
728	Project- VIVA VOCE	COM434 LAB	2020-21
<b>ENGLISH</b>			
729	English Praxis Course – I A Course in Communication and Soft Skills	ENGT11B	2020-21
730	English Praxis Course – II A Course in Reading and Writing Skills	ENGT21B	2020-21
731	Journalistic Reporting	JR201	2020-21
732	Business Communication	BC201	2020-21
733	General English	ENG 301C	2020-21
734	Communication and Soft Skills - III	CSS 401C	2020-21
<b>Environmental Studies</b>			
735	Environmental Studies	ENS101	2020-21
736	Human Values & Professional Ethics	HVPE101	2020-21
737	Entrepreneurship	ENP403	2020-21
<b>Economics</b>			
738	Micro Economic Analysis	ECO101C	2020-21
739	Macro-Economic Analysis	ECO201C	2020-21
740	Macro Economics- National Income, Employment	ECO301C	2020-21
741	Banking and International Trade	ECO401	2020-21
742	Economic Development and Indian Economy	ECO501C	2020-21
743	Indian and Andhra Pradesh Economy	ECO502C	2020-21
744	Agricultural Economics	ECO601GE	2020-21
<b>History</b>			

745	Ancient Indian History and culture from Indus valley civilization to 13 <sup>th</sup> Century AD	HIS-101C	2020-21
746	Medieval Indian History and culture	HIS-201C	2020-21
747	Late mediaeval and colonial History of India	HIS-301C	2020-21
748	Social reform movement and freedom struggle	HIS-401C	2020-21
749	Age of Rationalism and Humanism -The world Between 15 <sup>th</sup> and 18 <sup>th</sup> Centuries	HIS-501C	2020-21
750	History and culture of Andhra Desa 12 <sup>th</sup> Century to 19 <sup>th</sup> Century AD	HIS-502C	2020-21
751	History of Modern Europe (19 <sup>th</sup> Century to 1945AD)	HIS-601GE	2020-21
<b>Hindi</b>			
752	General Hindi	HIN101C	2020-21
753	General Hindi	HIN201C	2020-21
754	General Hindi	HIN301C	2020-21
<b>Mathematics</b>			
755	Differential Equations	MAT 101C	2020-21
756	Solid Geometry	MAT 201	2020-21
757	Abstract Algebra and Real Analysis -I	MAT 301C	2020-21
758	Abstract Algebra and Real Analysis -II	MAT 401	2020-21
759	Ring Theory & Vector Calculus	MAT 501C	2020-21
760	Linear Algebra	MAT 502C	2020-21
761	Numerical Analysis	MAT 601GE	2020-21
762	Integral Transforms and Applications	MAT 602CE	2020-21
763	Advanced Numerical Analysis	MAT 603CE	2020-21
764	Applications of Advanced Numerical Analysis With "C" Programme PROJECT	MAT 604CE	2020-21
<b>PHYSICS</b>			
765	Mechanics, Waves and oscillations	PHY-101C	2020-21
766	Mechanics, Waves and oscillations Practical	PHY-101P	2020-21
767	Electrical appliances	SDCPHYT01	2020-21
768	Waves and oscillations	PHY-201C	2020-21
769	Waves and oscillations- Practical	PHY-201P	2020-21
770	Solar energy	SDCPHYT02	2020-21
771	Wave optics	PHY-301C	2020-21
772	Wave optics-Practical	PHY-301P	2020-21
773	Thermodynamics and Radiation physics	PHY-401C	2020-21
774	Thermodynamics and Radiation physics-Practical	PHY-401P	2020-21
775	Electricity, Magnetism and Electronics	PHY-501C	2020-21

776	Electricity, Magnetism and electronics- Practical	PHY-501P	2020-21
777	Modern physics	PHY-502C	2020-21
778	Modern physics- Practical	PHY-502P	2020-21
779	Analog and Digital electronics	PHY-601GE	2020-21
780	Analog and Digital electronics- Practical	PHY-601GEP	2020-21
781	Introduction to microprocessor and microcontroller	PHY-602CE	2020-21
782	Introduction to microprocessor and microcontroller- Practical	PHY-602CEP	2020-21
783	Computational methods and programming	PHY-603CE	2020-21
784	Computational methods and programming- Practical	PHY-603CEP	2020-21
785	Electronic instrumentation	PHY-604CE	2020-21
786	Electronic instrumentation (PROJECT)	PHY-604CEP	2020-21
<b>Political Science</b>			
787	Introduction to political science	POLT11B	2020-21
788	Basic organs of the government	POLT21B	2020-21
789	Indian government and politics	POL301C	2020-21
790	Indian political process	POL401C	2020-21
791	Indian political thought	POL501C	2020-21
792	Western political thought(POL-402)	POL502C	2020-21
793	Local self-government in Andhra Pradesh	POL601GE	2020-21
794	International relations	POL602CE	2020-21
795	Indian foreign policy	POL603CE	2020-21
796	Project work	POL604CE	2020-21
<b>Telugu</b>			
797	General Telugu	Tel-101C	2020-21
798	General Telugu	TEL-201C	2020-21
799	General Telugu	TEL-301C	2020-21
<b>Zoology</b>			
800	Biology of Non-Chordates	ZOO101C	2020-21
801	Biology of Non-Chordates Practical	ZOO101P	2020-21
802	Biology of Chordates	ZOO201C	2020-21
803	Biology of Chordates Practical	ZOO201P	2020-21
804	Cytology, Genetics & Evolution	ZOO301C	2020-21
805	Cytology, Genetics& Evolution- Practical	ZOO301P	2020-21
806	Embryology, Physiology and Ecology	ZOO401C	2020-21
807	Embryology, Physiology and Ecology -- Practical	ZOO401P	2020-21
808	Animal Biotechnology	ZOO501C	2020-21
809	Animal Biotechnology Practical	ZOO501P	2020-21
810	Animal Husbandry	ZOO 502C	2020-21
811	Animal Husbandry-- Practical	ZOO 502P	2020-21
812	Immunology	ZOO601GE	2020-21
813	Immunology --Practical	ZOO-601GE - P	2020-21
814	Principles of Aquaculture.	ZOO602 CE	2020-21
815	Principles of Aquaculture-.Practical	ZOO602C I P	2020-21
816	Aquaculture Management.	ZOO-603CE	2020-21
817	Aquaculture Management. Practical	ZOO603C II P	2020-21
818	Postharvest Technology	ZOO604 CE	2020-21
819	PROJECT	ZOO C III P	2020-21

2021-22			
B.Sc Aqua Culture			
820	Basic principles of Aquaculture	AQTT11A	2021-22
821	Practical	AQT P11A	2021-22
822	Biology of fin fish & shell fish	AQTT21A	2021-22
823	Practical	AQTP21A	2021-22
824	Fresh water & Brackish water Aquaculture	AQU301C	2021-22
825	Practical	AQU301P	2021-22
826	Fish nutrition & Feed technology	AQU401C	2021-22
827	Practical	AQU401P	2021-22
828	Fish Health Management	AQU402C	2021-22
829	Practical	AQU402P	2021-22
830	Fish Health Management	AQU-501C	2021-22
831	Practical	AQU-501P	2021-22
832	Extension, Economics & Marketing	AQU-502C	2021-22
833	Practical (Project work)	AQU-502P	2021-22
834	Ornamental fishery	AQU601C	2021-22
835	Practical	AQU601P	2021-22
836	Fish Processing Technology	AQU602C	2021-22
837	Practical	AQU602P	2021-22
838	Fishery Microbiology and Fishery by-products	AQU603C	2021-22
839	Practical	AQU603P	2021-22
840	Quality Control in Processing Plants	AQU604C	2021-22
841	Practical (Project work)	AQU604P	2021-22
Botany			
842	Fundamentals of Microbes and Non-vascular plants	BOTT1A	2021-22
843	Practical-I	BOTT1P	2021-22
844	Basics of Vascular plants and Phyto geography	BOTT2A	2021-22
845	Practical-I	BOTT2P	2021-22
846	Anatomy of angiosperms, Plant Ecology and Biodiversity	BOT-301C	2021-22
847	Practical-III	BOT-301P	2021-22
848	Plant Physiology and Metabolism	BOT-401C	2021-22
849	Practical	BOT-401P	2021-22
850	Cell biology, Genetics and plant breeding	BOT-402C	2021-22
851	Practical	BOT-402P	2021-22
852	Cell Biology, Genetics and Plant Breeding.	BOT-501C	2021-22
853	Practical	BOT-501P	2021-22
854	Plant ecology and phytogeography	BOT 502 C	2021-22
855	Practical	BOT502P	2021-22
856	Plant Tissue Culture and its Biotechnological Applications(G.E)	BOT-601GE	2021-22
857	Practical	BOT-601P	2021-22
858	Plant Diversity and Human welfare (C.E)	BOT-602CE	2021-22
859	Practical	BOT-602CE P	2021-22
860	Ethnobotany and Medicinal Botany(C.E)	BOT-603CE	2021-22
861	Practical	BOT-603CEP	2021-22

862	Pharmacognosy and Phytochemistry(C.E)	BOT-604CE	2021-22
863	Practical	BOT-604CEP	2021-22
<b>Chemistry(UG)</b>			
864	Inorganic and Physical chemistry	CHET11A	2021-22
865	Analysis of Mixture Salt	CHEP11A	2021-22
866	Organic and General chemistry	CHET21A	2021-22
867	Volumetric analysis	CHEP21A	2021-22
868	Organic chemistry and Spectroscopy	CHE-301C	2021-22
869	Organic preparations and IR Spectral Analysis	CHE-301P	2021-22
870	Food adulteration	SDCCHETO1	2021-22
871	Inorganic ,Organic& Physical chemistry	CHE-401C	2021-22
872	Organic qualitative analysis	CHE-401P	2021-22
873	Inorganic and Physical chemistry	CHE-402C	2021-22
874	Conductometric & Potentiometric titrimetry	CHE-402P	2021-22
875	Inorganic, Organic & Physical Chemistry	CHE-501C	2021-22
876	Organic Qualitative Analysis	CHE-501P	2021-22
877	Inorganic, Organic & Physical Chemistry	CHE-502C	2021-22
878	Physical Chemistry	CHE -502P	2021-22
879	Analytical methods in Chemistry	CHE -601GE	2021-22
880	Chromatography & Volumetric analysis	CHE -601GEP	2021-22
881	Organic spectroscopic techniques	CHE -602CE	2021-22
882	Preparations of Organic compounds	CHE -602CEP	2021-22
883	Advanced organic reactions	CHE -603CE	2021-22
884	Preparations of Organic compounds by Green procedure	CHE -603CE P	2021-22
885	Pharmaceutical and Medicinal chemistry	CHE -604CE	2021-22
886	Project work	CHE -604CE P	2021-22
<b>Chemistry (P.G)</b>			
887	General chemistry	20CH1T1	2021-22
888	Inorganic chemistry-1	20CH1T2	2021-22
889	Organic chemistry-1	20CH1T3	2021-22
890	Physical chemistry-1	20CH1T4	2021-22
891	Organic spectroscopy	20CH2T1	2021-22
892	Inorganic chemistry-2	20CH2T2	2021-22
893	Organic chemistry-2	20CH2T3	2021-22
894	Physical chemistry-2	20CH2T4	2021-22
895	Chemistry in daily life	20OECH	2021-22
896	Advanced organic Spectroscopy	20CH3T1	2021-22
897	Organic reaction & mechanisms	20CH3T2	2021-22
898	Organic synthesis	20CH3T3A	2021-22
899	Chemistry of Natural products	20CH3T4B	2021-22
900	Organic chemistry-1(MOOCs)	20CH4T1	2021-22
901	Green Chemistry	20CH4T2B	2021-22
902	Techniques for modern industrial applications	20CH4T3A	2021-22

903	Organo metallics reagents	20CH4T4	2021-22
<b>Computer Science(UG)</b>			
904	Problem Solving In C	CSCT11B	2021-22
905	Problem Solving in C Lab	CSCP11B	2021-22
906	Data Structures	CSCT21B	2021-22
907	Data Structures Lab	CSCT21B	2021-22
908	DIGITAL MARKETING	SDCCSC02	2021-22
909	Data Base Management Systems	CSC-301C	2021-22
910	Data Base Management Systems -Lab	CSC-301P	2021-22
911	Oop'sWith JAVA	CSCT01	2021-22
912	Oop's With JAVA -Lab	CSCT01P	2021-22
913	Operating System	CSCT41C	2021-22
914	Operating System -Lab	CSCT41C	2021-22
915	Data Base Management Systems	CSC-501C	2021-22
916	Data Base Management Systems -Lab	CSC-501P	2021-22
917	Software Engineering	CSC-502C	2021-22
918	Software Engineering -Lab	CSC-502P	2021-22
919	Web Technology	CSC601GE	2021-22
920	Web Technology -Lab	CSC601GE	2021-22
921	PHP& My sql, Word Press	CSC602CE	2021-22
922	PHP& My sql, Word Press -Lab	CSC602CE	2021-22
923	Java Script/Ajax	CSC603CE	2021-22
924	Java Script/Ajax -Lab	CSC603CEP	2021-22
925	Project	CSC604CE	2021-22
926	Information Technology	CABT11A	2021-22
927	E- Commerce & Web Designing	CABT21A	2021-22
928	E- Commerce & Web Designing Lab	CABT21A	2021-22
929	Programming in C	CCSC-301C	2021-22
930	Programming in C-Lab	CCSC-301P	2021-22
931	Data Base Management Systems	CCSE401G	2021-22
932	Data Base Management Systems Lab	CCSC401P	2021-22
933	Oop'sWith JAVA	CCSC402G	2021-22
934	Oop's With JAVA - LAB	CCSC402P	2021-22
935	OBJECT ORIENTED PROGRAMMING USING JAVA	CCSC-505C	2021-22
936	OBJECT ORIENTED PROGRAMMING USING JAVA-lab	CCSC-505C	2021-22
937	DATA BASE MANAGEMENT SYSTEMS	CCSC 506C	2021-22
938	DATA BASE MANAGEMENT SYSTEMS-LAB	CCSC-506P	2021-22
939	WEB TECHNOLOGIES	CCSC-507C	2021-22
940	Tally	CCSC605CE	2021-22
941	Tally -Lab	CCSC605P	2021-22
942	E-Commerce	CSC606CE	2021-22
943	PHP & MY Sql	CCSC607CE	2021-22
944	PHP & MY Sql -Lab	CCSC607P	2021-22
945	E-COMMERCE &WEB DESIGNING	CSCT11B	2021-22
946	E-COMMERCE &WEB DESIGNING LAB	CSCP11B	2021-22

947	Information Technology	CABT21A	2021-22
948	Computer Applications	CABT22A	2021-22
949	Computer Application Lab	CABT22A	2021-22
950	BASIC COMPUTER APPLICATIONS	LSC1	2021-22
951	DIGITAL MARKETING	SDCCSC02	2021-22
<b>Computer Science(PG)</b>			
952	Problem Solving Using Python Programming	20CS1T1	2021-22
953	Computer Organization	20CS1T2	2021-22
954	Software Engineering	20CS1T3	2021-22
955	Database Management Systems	20CS1T4	2021-22
956	Theory of Computation	20CS1T5	2021-22
957	Problem Solving Using Python Programming Lab	20CS1L1	2021-22
958	DBMS Lab	20CS1L2	2021-22
959	Seminar	20CS1S1	2021-22
960	Internet of Things (IoT)	20CS3T1	2021-22
961	Cryptography & Network Security	20CS3T2	2021-22
962	Design & Analysis of Algorithms	20CS3T3	2021-22
963	Data Mining Techniques	20CS3T4	2021-22
964	Visual Analytics for Executives	21CS3OEL1	2021-22
965	Web Technologies Lab	20CS3L1	2021-22
966	Data Mining Lab	20CS3L2	2021-22
967	Computer Networks	20CS2T1	2021-22
968	Data Structures	20CS2T2	2021-22
969	Web Technologies	20CS2T3	2021-22
970	Operating Systems	20CS2T4	2021-22
971	DATAVISUALIZATION	20CS2OEL1	2021-22
972	Computer Networks& Operating Systems Lab	20CS2L1	2021-22
973	Data Structures Lab	20CS2L2	2021-22
974	Technical Report Writing	20CS2TRW	2021-22
975	MOOCS	21MCS401	2021-22
976	Big Data and Analytics	21MCS402	2021-22
977	Artificial Intelligence&Machine Learning	21MCS403	2021-22
978	Cloud Computing	21MCS404	2021-22
979	Big Data and Analytics Lab	21MCS402	2021-22
980	Project work	21MCS405P	2021-22
<b>Commerce(UG)</b>			
981	Fundamentals of Accounting (Gen, CA& E-Com)	COMT11B	2021-22
982	Business Organization and Management (Gen &CA ,e-com)	COMT12A	2021-22
983	Business Environment (Gen)	COMT13	2021-22
984	Entrepreneurship development (Gen, CA&E-Com)	COMT14S	2021-22
985	Financial Accounting (Gen, CA & EC)	COMT21A	2021-22
986	Business Economics (Gen, CA)	ECOT22B	2021-22
987	Banking Theory &Practice (Gen)	COMT22B	2021-22
988	Advertising (Gen, CA & EC)	CAD-201G/C	2021-22
989	Online Business (Gen & CA, e-com)	COMT 301 G/CC	2021-22
990	Advanced Accounting (Gen & CA, e-com)	CAA-302G/C	2021-22
991	Business Statistics (Gen & CA,)	CBS -303G/C	2021-22



992	Marketing (Gen)	CM304 G	2021-22
993	Corporate Accounting (Gen & CA)	CCA-401 G/C	2021-22
994	Cost and Management Accounting (Gen & CA)	CCMA-402G/C	2021-22
995	Income Tax (Gen & CA)	CIT-403G/C	2021-22
996	Business Laws (Gen & CA)	CBL-404G/C	2021-22
997	Auditing (Gen)	CAUD-405G	2021-22
998	Goods and Service Tax (Gen)	CGST-406 G	2021-22
999	Business Leadership (GEN&CA)	CBL-501 (U)	2021-22
1000	Cost Accounting (GEN&CA)	CCOA-502 G/CC	2021-22
1001	Taxation (CA)	CTAX -503 CC	2021-22
1002	Goods and service Tax Fundamentals (GEN)	CGST 503 G/C	2021-22
1003	Commercial Geography (GEN&CA)	CCG -504 G/C C	2021-22
1004	Central Banking (GEN)	CCB -505 (CE) G/C	2021-22
1005	Rural and Farm Credit (GEN)	C RC -506 (CE) G/C	2021-22
1006	Project	COM507	2021-22
1007	Event Management	CEM-601 G/C C	2021-22
1008	Marketing	CM-602GEG/C C	2021-22
1009	Auditing	CAU-603GE G/C C	2021-22
1010	Management Accounting	CMA 604GE G/C	2021-22
1011	Financial Services	CFS 605 CE G/C	2021-22
1012	Marketing of Financial Services	CMFS 606 CE G/C	2021-22
1013	Project	COM 607P	2021-22
<b>Commerce(PG)</b>			
1014	Business communication skills	CO311	2021-22
1015	Financial institution and markets	CO312	2021-22
1016	Advanced cost accounting	CO321	2021-22
1017	Corporate accounting	CO322	2021-22
1018	Security analysis and portfolio management	CO331	2021-22
1019	Bank management	CO332	2021-22
1020	Fundamentals of goods and service tax	GE-04	2021-22
1021	Project- VIVA VOCE	CO307P	2021-22
1022	Project planning and control	CO411	2021-22
1023	International business	CO412	2021-22
1024	MOOCS Organisational behaviour	CO413	2021-22
1025	International banking	CO431	2021-22
1026	Financial services	CO432	2021-22
1027	Banking & technology	CO433	2021-22
1028	Insurance products & management	CO434	2021-22
1029	Project	CO408P	2021-22
<b>ENGLISH</b>			
1030	English Praxis Course – I,A Course in Communication and Soft Skills	ENGT11B	2021-22

1031	English Praxis Course – II, A Course in Reading and Writing Skills	ENGT21B	2021-22
1032	General English	ENG 301C	2021-22
<b>Environmental Studies</b>			
1033	Environmental Studies	LSCT01	2021-22
1034	Human Values & Professional Ethics	LSCT06	2021-22
<b>Economics</b>			
1035	Micro Economic Analysis	ECO-101C	2021-22
1036	Macro-Economic Analysis	ECO-T21B	2021-22
1037	Development Economics	ECO-301C	2021-22
1038	Financial Markets	FM-301	2021-22
1039	Economic Development in India and Andhra Pradesh	ECO-401C	2021-22
1040	Statistical Methods for Economics	ECO-402C	2021-22
1041	Economic Development and Indian Economy	ECO-501C	2021-22
1042	Indian and Andhra Pradesh Economy	ECO-502C	2021-22
1043	Agricultural Economics	ECO-601GE	2021-22
<b>History</b>			
1044	Ancient Indian History and culture from Indus valley civilization to 13 <sup>th</sup> Century AD	HIST-11B	2021-22
1045	Mediaeval Indian History and Culture	HIST-21B	2021-22
1046	Modern Indian History and Culture (1764-1947AD)	HIST-301	2021-22
1047	History and culture of Andhra (1512-1956 AD)	HIST-401	2021-22
1048	History of Modern World (15 <sup>th</sup> century AD to 1945AD)	HIST-402	2021-22
1049	Age of Rationalism and Humanism -The world between 15 <sup>th</sup> and 18 <sup>th</sup> Centuries	HIS-501C	2021-22
1050	History and culture of Andhra Desa (12 <sup>th</sup> century AD to 19 <sup>th</sup> century AD)	HIS-502C	2021-22
1051	History of modern Europe (19 <sup>th</sup> century AD to 1945AD)	HIS-601GE	2021-22
<b>Hindi</b>			
1052	Hindi	HINT11A	2021-22
1053	Hindi	HIN-201C	2021-22
1054	Hindi	HIN-301C	2021-22
<b>Mathematics</b>			
1055	Differential Equations	MATT11A	2021-22
1056	Real Analysis	MATT21B	2021-22
1057	Abstract Algebra	MAT301	2021-22
1058	Analytical Skills	ANS301	2021-22
1059	Real Analysis	MAT 401	2021-22
1060	Linear Algebra	MAT 402	2021-22
1061	Ring Theory & Vector Calculus	MAT 501C	2021-22
1062	Linear Algebra	MAT 502C	2021-22
1063	Numerical Analysis	MAT 601GE	2021-22
1064	Integral Transforms and Applications	MAT 602CE	2021-22
1065	Advanced Numerical Analysis	MAT 603CE	2021-22

1066	Applications of Advanced Numerical Analysis With “C” Programme PROJECT	MAT 604CE	2021-22
<b>PHYSICS</b>			
1067	Mechanics,Waves and oscillations	PHY101C	2021-22
1068	Mechanics,Waves and oscillations- Practical	PHY101P	2021-22
1069	Wave Optics	PHYT21B	2021-22
1070	Wave Optics-Practical	PHYP21B	2021-22
1071	Thermodynamics and Radiation physics	PHY301C	2021-22
1072	Thermodynamics and Radiation Physics- Practical	PHY301P	2021-22
1073	Electricity, Magnetism and electronics	PHY401C	2021-22
1074	Electricity, Magnetism and electronics- Practical	PHY401P	2021-22
1075	Modern physics	PHY402C	2021-22
1076	Modern physics- Practical	PHY402P	2021-22
1077	Electricity, Magnetism and electronics	PHY501C	2021-22
1078	Electricity, Magnetism and electronicsPractical	PHY501P	2021-22
1079	Modern physics	PHY502C	2021-22
1080	Modern physics Practical	PHY502P	2021-22
1081	Analog and Digital electronics	PHY601GE	2021-22
1082	Analog and Digital electronics Practical	PHY601GEP	2021-22
1083	Introduction to microprocessor and microcontroller	PHY602CE	2021-22
1084	Introduction to microprocessor and microcontroller Practical	PHY602CEP	2021-22
1085	Computational methods and programming	PHY603CE	2021-22
1086	Computational methods and programming Practical	PHY603CEP	2021-22
1087	Electronic instrumentation	PHY604CE	2021-22
1088	Electronic instrumentation(PROJECT)	PHY604CEP	2021-22
<b>Political Science</b>			
1089	Introduction to political science	POLT11B	2021-22
1090	Basic organs of the government	POLT21B	2021-22
1091	Indian Government and Politics	POL301C	2021-22
1092	Indian political process	POL401C	2021-22
1093	Western political thought	POLT42	2021-22
1094	Indian political thought	POL501C	2021-22
1095	Western political thought	POL502C	2021-22
1096	Local self-government in Andhra Pradesh	POL601GE	2021-22
1097	International relations	POL602CE	2021-22
1098	Indian foreign policy	POL603CE	2021-22
1099	Project work	POL604CE	2021-22
<b>Statistics(New Course Introduced)</b>			
1100	Descriptive Statistics and Theory of Probability	STAT11B	2021-22
1101	Descriptive Statistics and Theory of Probability- Practical	STAP11B	2021-22
1102	Probability Distributions and Statistical Methods	STAT21C	2021-22
1103	Probability Distributions and Statistical Methods-Practical	STAP21C	2021-22
<b>Telugu</b>			
1104	General Telugu	TELT11A	2021-22
1105	General Telugu	TEL-201	2021-22
1106	General Telugu	TEL-301	2021-22

<b>Zoology</b>			
1107	Animal Diversity – I Biology of Non-Chordates	ZOO T11A	2021-22
1108	Animal Diversity –Biology of Non-Chordates – Practical - I	ZOOP11A	2021-22
1109	Environmental studies	CLAC001	2021-22
1110	Animal Diversity-II Biology of Chordates.	ZOO T21A	2021-22
1111	Animal Diversity- Biology of Chordates-practical	ZOO P21A	2021-22
1112	Cell Biology, Genetics, Molecular biology & Evolution	ZOO301C	2021-22
1113	Cell Biology, Genetics, Molecular biology & Evolution- - Practical	ZOO301P	2021-22
1114	Poultry Farming	PF301	2021-22
1115	Animal Physiology, Cellular Metabolism and Embryology	ZOO401	2021-22
1116	Animal physiology, Cellular Metabolism and Embryology--Practical		2021-22
1117	Immunology and Animal Biotechnology	ZOO402	2021-22
1118	Immunology and Animal Biotechnology-- Practical	ZOO402P	2021-22
1119	Animal Bio technology	ZOO501	2021-22
1120	Animal Biotechnology-Practical	ZOO501P	2021-22
1121	Animal Husbandry	ZOO 502	2021-22
1122	Animal Husbandry-practical	ZOO 502P	2021-22
1123	Immunology	ZOO601	2021-22
1124	Immunology -Practical	ZOO601P	2021-22
<b>2022-23</b>			
<b>Aqua Culture</b>			
1125	Basic Principles of Aquaculture	AQTT11A	2022-23
1126	Practical	AQTP11A	2022-23
1127	Biology of Fin fish &Shell fish	AQTT21A	2022-23
1128	Practical	AQTP21A	2022-23
1129	Fresh water & Brackish water Aquaculture	AQTT31A	2022-23
1130	Practical	AQTP31A	2022-23
1131	Fish Nutrition & Feed technology	AQTT01	2022-23
1132	Practical	AQTP01	2022-23
1133	Fish Health Management and Fisheries Economics, Extension and Marketing	AQTT42	2022-23
1134	Practical	AQTP42	2022-23
1135	Aquarium Management and Ornamental fish culture	SECAQU-601C	2022-23
1136	Practical	SECAQU-601P	2022-23
1137	Postharvest Technology of Fish and Fisheries	SECAQU-602C	2022-23
1138	Practical	SECAQU-602P	2022-23
<b>Botany</b>			
1139	Fundamentals of Microbes and Non-vascular plants	BOTT1A	2022-23
1140	Practical-I	BOTT1P	2022-23
1141	Basics of Vascular plants and Phytogeography	BOTT2IA	2022-23
1142	Practical-I	BOTT2IP	2022-23
1143	Anatomy of angiosperms, Plant Ecology and Biodiversity	BOTT31A	2022-23

1144	Practical	BOTT31P	2022-23
1145	Plant Physiology and Metabolism	BOTT41A	2022-23
1146	Practical	BOTT41P	2022-23
1147	Cell biology, Genetics and plant breeding	BOTT42A	2022-23
1148	Practical	BOTT42P	2022-23
1149	Plant tissue culture	SEC BOT-501/601	2022-23
1150	Practical	SEC BOT-501P/602P	2022-23
1151	Mushroom cultivation	SECBOT-502/602	2022-23
1152	Practical	SECBOT502P/602P	2022-23
<b>Chemistry(UG)</b>			
1153	Inorganic and Physical chemistry	CHET11A	2022-23
1154	Analysis of Mixture Salt	CHEP11A	2022-23
1155	Organic and General chemistry	CHET21A	2022-23
1156	Volumetric analysis	CHEP21A	2022-23
1157	Food adulteration	SDCFA201	2022-23
1158	Organic chemistry and Spectroscopy	CHET31A	2022-23
1159	Organic preparations and IR Spectral Analysis	CHEP31A	2022-23
1160	Inorganic, Organic & Physical Chemistry	CHET01	2022-23
1161	Organic Qualitative Analysis	CHEP01	2022-23
1162	Inorganic and Physical chemistry	CHET41A	2022-23
1163	Conductometric and potentiometric titrations	CHEP41AP	2022-23
1164	Analytical methods in chemistry-I	SECCHE-501C/601C-6B	2022-23
1165	Volumetric analysis	CHE-501P/ 601P	2022-23
1166	Analytical methods in chemistry-II	SECCHE-502C/602C-7B	2022-23
1167	Chromatographic techniques	CHE-502P /602P	2022-23
<b>Chemistry (P.G)</b>			
1168	General chemistry	22CH1T1	2022-23
1169	Inorganic chemistry-1	22CH1T2	2022-23
1170	Organic chemistry-1	22CH1T3	2022-23
1171	Physical chemistry-1	22CH1T4	2022-23
1172	Personality development through life enlightenment skills	22PG101	2022-23
1173	Advanced Inorganic Chemistry	22CH2T1	2022-23
1174	Advanced Organic chemistry	22CH2T2	2022-23
1175	Advanced Physical chemistry	22CH2T3	2022-23
1176	Molecular spectroscopy	22CH2E1	2022-23
1177	Research methodology & Intellectual property	22PG201	2022-23
1178	Advanced organic spectroscopy	20CH3T1	2022-23
1179	Organic reaction & mechanisms	20CH3T2	2022-23
1180	Organic synthesis	20CH3T3A	2022-23

1181	Polymer Chemistry	20OECH	2022-23
1182	Chemistry of Natural products	20CH3T4B	2022-23
1183	Organic chemistry-1(MOOCs)	22CH4T1	2022-23
1184	Green chemistry	22CH4T2B	2022-23
1185	Techniques for modern industrial applications	22CH4T3A	2022-23
1186	Organo metallica reagents	22CH4T4	2022-23
<b>Computer Science(UG)</b>			
1187	Problem solving in C	CSCT11B	2022-23
1188	Problem solving in C Lab	CSCP11B	2022-23
1189	Data Structures	CSCT21B	2022-23
1190	Data Structures Lab	CSCT21B	2022-23
1191	Data Base Management System	CSCT37	2022-23
1192	Data Base Management System Lab	CSCP37	2022-23
1193	Object Oriented Programming using Java	CSCT01	2022-23
1194	Object Oriented Programming using Java Lab	CSCP01	2022-23
1195	Operating System	CSCT41C	2022-23
1196	Operating system Lab	CSCT41C	2022-23
1197	Web Interface Designing Technologies	SECCSCT01	2022-23
1198	Web Interface Designing Technologies Lab	SECCSCP01	2022-23
1199	Web Applications Development using PHP & MYSQL	SECCSCT02	2022-23
1200	Web Applications Development using PHP & MYSQL Lab	SECCSCP02	2022-23
1201	Information Technology	CSBT11A	2022-23
1202	E-COMMERCE & WEB DESIGNING	CABT21A	2022-23
1203	Web Design Lab	CABT21A	2022-23
1204	Programming with C & C++	CABT31A	2022-23
1205	Programming with C & C++ Lab	CABP31A	2022-23
1206	DBMS	CABT41A	2022-23
1207	DBMS Lab	CABP41A	2022-23
1208	Object Oriented Programming using Java	CCSCT42	2022-23
1209	Object Oriented Programming using Java Lab	CCSCP42	2022-23
1210	Big Data Analytics using R	SECCAT01	2022-23
1211	Big Data Analytics using R Lab	SECCAP01	2022-23
1212	Data Science using Python	SECCAT07	2022-23
1213	Data Science using Python Lab	SECCAP07	2022-23
1214	Computer Applications	CCSE101	2022-23
1215	Computer Applications Lab	CCSEP101	2022-23
1216	Programming in C	ECCSC21	2022-23
1217	Programming in C Lab	ECCSC21	2022-23
1218	Problem Solving in 'C'	CSCT11B	2022-23
1219	Problem Solving in 'C' LAB	CSCP11B	2022-23
1220	OOP'S using Java	ECCSCT 41	2022-23
1221	OOP'S using Java Lab	ECCSCP41	2022-23
1222	DBMS	ECCSCT 42	2022-23
1223	DBMS Lab	ECCSC P42	2022-23
<b>Computer Science(PG)</b>			

1224	Problem Solving Using Python Programming	22CS1T1	2022-23
1225	Database Management Systems	22CS1T2	2022-23
1226	Formal Languages and Automation Theory	22CS1T3	2022-23
1227	Operating Systems	22CS1T4	2022-23
1228	Personality Development through Life Enlightenment Skills	22PG101	2022-23
1229	Problem Solving Using Python Programming Lab	22CS1L1	2022-23
1230	DBMS Lab	22CS1L2	2022-23
1231	Design & Analysis of Algorithms	22CS3E1	2022-23
1232	Data Mining Techniques	22CS3E2	2022-23
1233	Cryptography & Network Security	22CS3E3	2022-23
1234	Internet of Things (IoT)	22CS3E5	2022-23
1235	Data Science Lab	22CS3L1	2022-23
1236	Cryptography & Network Security Lab	22CS3L2	2022-23
1237	Data Mining Lab	20CS3L2	2022-23
1238	Computer Networks	22CS2T1	2022-23
1239	Data Structures	22CS2T2	2022-23
1240	Web Technologies	22CS2T3	2022-23
1241	Software Engineering	22CS2E1	2022-23
1242	Research Methodology& IPR	22PG201	2022-23
1243	Data Structures Lab	22CS2L1	2022-23
1244	Web technologies Lab	22CS2L2	2022-23
1245	MOOCS	20CS4M1	2022-23
1246	Big Data and Analytics	20CS4E3	2022-23
1247	Artificial Intelligence and Machine Learning	20CS4T1	2022-23
1248	Cloud Computing	20CS4E1	2022-23
1249	Big Data and Analytics Lab	20CS4L1	2022-23
1250	Project work	20CS4P1	2022-23
<b>Commerce(UG)</b>			
1251	Fundamentals of Accounting (Gen, CA & E-Com)	COMT11B	2022-23
1252	Business Organization and Management (Gen & CA,)	COMT12A	2022-23
1253	Business Environment (Gen)	COMT13	2022-23
1254	Principles of management (E-Com)	COM14P	2022-23
1255	Insurance promotion (Gen, CA & E-Com)	COMT15S	2022-23
1256	Financial Accounting (Gen, CA & E-C)	COMT21A	2022-23
1257	Business Economics (Gen, CA & E-C)	COMT23B	2022-23
1258	Advertising (Gen, CA & EC)	COMT22B	2022-23
1259	Retailing (Gen, CA & EC)	CAD-201G/C	2022-23
1260	Advanced Accounting (Gen & CA, e-com)	CR202G/C	2022-23
1261	Business Statistics (Gen & CA,)	COMT31	2022-23
1262	Marketing (Gen)	COMT32	2022-23
1263	e-Commerce(e-com)	COMT33	2022-23
1264	Online Business (Gen & CA, e-com)	COMT34	2022-23
1265	Insurance promotion (Gen, CA & E-Com)	COMT 35S	2022-23
1266	Corporate Accounting (Gen, CA& E-C))	COM 36SI	2022-23
1267	Cost and Management Accounting	COMT41A	2022-23
1268	(Gen, CA & E-C)	COMT45	2022-23
1269	Income Tax (Gen)	COMT43A	2022-23

1270	Taxation (CA& E-C)	COMT48	2022-23
1271	Business Laws (Gen, CA & E-C)	COMT42A	2022-23
1272	Auditing (Gen)	COMT46	2022-23
1273	Goods and Service Tax (Gen)	COMT44	2022-23
1274	Advanced Corporate Accounting (GEN&CA)	CACA-501 /G/C/ CACA-601 G/C	2022-23
1275	Software Solutions to Accounting (GEN&CA)	CSSA-502 G/C/ CSSA-602 G/C	2022-23
1276	Advertising and Media Planning (GEN&CA)	CAMP-503 G/C/ CAMP-603 G/C	2022-23
1277	Sales Promotion and Practice (GEN&CA)	CSPP -504 G/C/ CSPP -604 G/C	2022-23
1278	Digital Marketing (GEN)	CDM -505 G	2022-23
1279	Service Marketing (GEN)	CSM -506 G	2022-23
<b>English</b>			
1280	English Praxis Course – I, A Course in Communication and Soft Skills	ENGT11B	2022-23
1281	English Praxis Course – II, A Course in Reading and Writing Skills	ENGT21B	2022-23
1282	English Praxis Course – III, A Course in Conversational Skills	ENG T01A	2022-23
<b>Environmental Studies</b>			
1283	Environmental Studies	CLSC001	2022-23
1284	Human Values & Professional Ethics	LSCT06	2022-23
<b>Economics</b>			2022-23
1285	Micro Economic Analysis	ECO-T11B	2022-23
1286	Macro-Economic Analysis	ECO-T21B	2022-23
1287	Development Economics	ECO-T31B	2022-23
1288	Financial Markets	SDC-ECO-T01	2022-23
1289	Economic Development in India and Andhra Pradesh	ECO-T41	2022-23
1290	Statistical Methods for Economics	ECO-T42	2022-23
1291	Insurance Services	ECO-601C	2022-23
1292	Banking and Financial Services	ECO-602C	2022-23
<b>History</b>			
1293	Ancient Indian History and culture from Indus valley Civilization to 13 <sup>th</sup> century AD	HIST-11B	2022-23
1294	Mediaeval Indian History and Culture (1206 AD to 1764AD)	HIST-21B	2022-23
1295	Modern Indian History and culture 1764 to 1947AD	HIST-31A	2022-23
1296	History and culture of Andhra (1512 to 1956)	HIST-401	2022-23
1297	History of modern world (15 <sup>th</sup> century AD to 1945AD)	HIST-402	2022-23
1298	Tourism and Hospitality services	SECHIS-601	2022-23
1299	Tourism Guidance and Operating Skills	SECHIS-602	2022-23



<b>Hindi</b>			
1300	Hindi	HINT11A	2022-23
1301	Hindi	HINT21A	2022-23
1302	Hindi	HINT01A	2022-23
<b>Mathematics</b>			
1303	Differential Equations	MATT11A	2022-23
1304	Real Analysis	MATT21B	2022-23
1305	Abstract Algebra	MAT T31	2022-23
1306	Analytical Skills	LSC003	2022-23
1307	Solid Geometry	MATT01A	2022-23
1308	Linear Algebra	MATT41A	2022-23
1309	Multiple Integrals and Applications of Vector Calculus	SECMAT501/SEC MAT601	2022-23
1310	Integral Transforms with Applications	SECMAT502/SEC	2022-23
<b>PHYSICS</b>			
1311	Mechanics, Waves and oscillations	PHYT11B	2022-23
1312	Mechanics, Waves and oscillations- Practical	PHYP11B	2022-23
1313	Electrical appliance	SDCPHYT01	2022-23
1314	Wave optics	PHYT21C	2022-23
1315	Wave optics- Practical	PHYP21B	2022-23
1316	Heat and Thermodynamics	PHYT31A	2022-23
1317	Heat and Thermodynamics- Practical	PHYP31A	2022-23
1318	Solar Energy	SDCPHYT02	2022-23
1319	Electricity, Magnetism and electronics	PHYT41A	2022-23
1320	Electricity, Magnetism and electronics- Practical	PHYP41A	2022-23
1321	Modern physics	PHYT01	2022-23
1322	Modern physics- Practical	PHYP01	2022-23
1323	Applications of electricity and electronics	SECPHY501C/601 C	2022-23
1324	Applications of electricity and electronics- Practical	SECPHY501P/601 P	2022-23
1325	Electronic instrumentation	SECPHY502C/602 C	2022-23
1326	Electronic instrumentation- Practical	SECPHY502P/602 P	2022-23
<b>Political Science</b>			
1327	Introduction to political science	POLT11B	2022-23
1328	Basic organs of the government	POLT21B	2022-23
1329	Indian government and politics	POLT31	2022-23
1330	Indian political process	POLT41	2022-23
1331	Western political thought	POLT42	2022-23
1332	E-governance	SECPOL601	2022-23
1333	Local administration	SECPOL602	2022-23
<b>Statistics</b>			
1334	Descriptive Statistics and Theory of Probability	STAT11B	2022-23
1335	Descriptive Statistics and Theory of Probability- Practical	STAP11B	2022-23

1336	Probability Distributions and Statistical Methods	STAT21C	2022-23
1337	Probability Distributions and Statistical Methods- Practical	STAP21C	2022-23
1338	Statistical Inference	STAT31C	2022-23
1339	Statistical Inference- Practical	STAP31C	2022-23
1340	Sampling Techniques and Design of Experiments	STAT41B	2022-23
1341	Sampling Techniques and Design Of Experiments- Practical	STAP41B	2022-23
1342	Applied Statistics	STAT01	2022-23
1343	Applied Statistics- Practical	STAP01	2022-23
<b>Telugu</b>			
1344	General Telugu	TELT11A	2022-23
1345	General Telugu	TELT21A	2022-23
1346	General Telugu	TELT01A	2022-23
<b>Zoology</b>			
1347	Animal Diversity – I Biology of Non-Chordates	ZOO T11A	2022-23
1348	Animal Diversity –Biology of Non-Chordates – Practical – I	ZOOP11A	2022-23
1349	Animal Diversity-II Biology of Chordates.	ZOO T21A	2022-23
1350	Animal Diversity- Biology of Chordates-practical II	ZOO P21A	2022-23
1351	Cell Biology, Cellular Metabolism, Genetics, Organic Evolution and Animal Behavior	ZOOT31A	2022-23
1352	Cell Biology, Cellular Metabolism, Genetics, Organic Evolution and Animal BehaviorPractical	ZOOP31P	2022-23
1353	Health and Hygiene	LSCZOOT01	2022-23
1354	Embryology, Physiology and Ecology	ZOOT41A	2022-23
1355	Embryology, Physiology and Ecology—Practical	ZOOT41P	2022-23
1356	Immunology and Animal Biotechnology-	ZOOT01	2022-23
1357	Immunology and Animal Biotechnology-- Practical	ZOOT01P	2022-23
1358	Sustainable Aquaculture Management	SEC- 6A 501/601	2022-23
1359	Sustainable Aquaculture Management--Practical	SEC-6A 501P/601P	2022-23
1360	Postharvest Technology of Fish and Fisheries	SEC- 7A 502/602	2022-23
1361	Postharvest Technology of Fish and Fisheries-Practical	SEC- 7A 502/602P	2022-23

  
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