

**2022-23**

S.No.	Course code	Course title	Local need	Regional need	National Need	Global Need
1	BCO-101	Financial Accounting I BCO-101	✓	✓	✓	✓
2	BCO-102	Business Organization & Management BCO-102	✓	✓	✓	✓
3	BCO-103	Foreign Trade BCO-103	✓	✓	✓	✓
4	BCOB-103	Data Driven Decision marketing BCOB-103	✓	✓	✓	✓
5	BCOT-103	Banking for BPS	✓	✓	✓	✓
6	BCOP-104	Introduction to Cost & Management Accounting BCOP-104	✓	✓	✓	✓
7	BCO201	Financial Accounting -II	✓	✓	✓	✓
8	BCO202	Business Laws				
9	BCO203	Banking and Financial Services	✓	✓	✓	✓
10	BCOI203	Export Marketing	✓	✓	✓	✓
11	BCOC203	Programming with C & C++	✓	✓	✓	✓
12	BCOB203	Data Analytics Essentials				
13	BCOM203	Banking for BPS	✓	✓	✓	✓
14	BCOP204	Financial Planning and Performance	✓	✓	✓	✓
15	BCO 301	Advanced Accounting	✓	✓	✓	✓
16	BCO302	Business Statistics – I	✓	✓	✓	✓
17	BCOA303	Financial Institutions and Markets	✓	✓	✓	✓
18	SEC302	Principles of Insurance –I	✓	✓	✓	✓
19	BCOI303	International Business procedures & Documentation	✓	✓	✓	✓
20	BCOC303	Relational Database Management System	✓	✓	✓	✓
21	BCOP303	International Financial Reporting	✓	✓	✓	✓
22	BCOP304	Financial Analytics and control	✓	✓	✓	✓
23	BCOB303	Data Analytics Modeling	✓	✓	✓	✓
24	BCOT303	Retail and Market Research				
25	SECM302	Insurance for BPS -I	✓	✓	✓	✓
26	BCO401	Income Tax	✓	✓	✓	✓
27	BCO402	Business Statistics - II	✓	✓	✓	✓
28	BCO403	Corporate Accounting	✓	✓	✓	✓
29	BCO/SEC/404	Practice of Life and General Insurance	✓	✓	✓	✓
30	BCOC403	E Commerce	✓	✓	✓	✓
31	BCOP404	Strategic Financial Management				
32	BCOB403	Forecasting & Predictive Analytics	✓	✓	✓	✓
33	BCOT403	Capital Markets for BPS	✓	✓	✓	✓
34	BCO/SECM404	Insurance for BPS - II	✓	✓	✓	✓
35	BCO 501	Cost Accounting	✓	✓	✓	✓
36	BCO 502	Business Law				
37	BCO 503	Auditing	✓	✓	✓	✓
38	BCO 504	Theory and Practice of GST	✓	✓	✓	✓
39	BCOA 505	Advanced Corporate Accounting	✓	✓	✓	✓
40	BCOA 506	Investment Instruments	✓	✓	✓	✓
41	BCOC 505	Object Oriented Programming With C++	✓	✓	✓	✓
42	BCOC 506	e-Commerce & Digital Marketing	✓	✓	✓	✓
43	BCOI 505	International Business Procedures & Documentation				
44	BCOI506	Logistics Management	✓	✓	✓	✓
45	BCOP/IAF501	International Finance	✓	✓	✓	✓
46	BCOP505	Marketing Management	✓	✓	✓	✓
47	BCOB505	Data Analytics Modeling	✓	✓	✓	✓
48	BCOB506	Forecasting and Predictive Analytics	✓	✓	✓	✓
49	BCO/IAF502	Corporate Governance & Business Ethics (SBL- Part II)	✓	✓	✓	✓
50	BCO/IAF503	Corporate Reporting II(SBR)	✓	✓	✓	✓
51	BCO/IAF504	Advanced Audit & Assurance	✓	✓	✓	✓
52	BCO/IAF505	Advanced Performance Management I (APM)				
53	BCO601	Cost Control and Management Accounting	✓	✓	✓	✓
54	BCO602	Company Law	✓	✓	✓	✓
55	BCO603	Indian Accounting Standards	✓	✓	✓	✓
56	BCO604	Computerized Accounting (Computer Lab Practical-Tally)	✓	✓	✓	✓
57	BCOA605	Financial Management	✓	✓	✓	✓
58	BCOAP606	Investment Management				
59	BCOIP605	Research Methodology & Project work	✓	✓	✓	✓
60	BCOI606	Cross-Cultural Consumer and Industrial Buyer Behavior	✓	✓	✓	✓
61	BCOC605	Web Technologies (Computer Lab Practical)	✓	✓	✓	✓
62	BCOC606	a) Cyber security	✓	✓	✓	✓
63		b) Multimedia Systems	✓	✓	✓	✓

64	BCOP601	SAPM	✓	✓	✓	✓
65	BCOP607	Project and Relationship Management	✓	✓	✓	✓
66	BCOB605	Business Applications of Emerging Technologies	✓	✓	✓	✓
67	BCOB606	Advanced Data Visualisation	✓	✓	✓	✓
68	BCO/IFA/602	Business Communication and Report writing	✓	✓	✓	✓
69	BCO/IFA/605	Advanced Performance Management II	✓	✓	✓	✓
70	BCO/IFA/606	Advanced Financial Management II	✓	✓	✓	✓
71	BBA101	Principles of Management	✓	✓	✓	✓
72	BBA102	Basics of Marketing	✓	✓	✓	✓
73	BBA103	Business Economics	✓	✓		
74	BBA 201	Organizational Behaviour	✓	✓	✓	✓
75	BBA 202	Information Technology for business (Theory)	✓	✓		
76	BBA 203	Financial Accounting	✓	✓	✓	✓
77	BBA213	Information Technology for business (Practical)	✓	✓		
78	BBA 301	Human Resources Management	✓	✓	✓	✓
79	BBA 302	Business Statistics	✓	✓		
80	BBA 303	Financial Management	✓	✓	✓	
81	SEC302	DSEC: Business Exposure & Women Entrepreneurship	✓	✓	✓	✓
82	BBA 401	Business Law and Ethics	✓	✓		
83	BBA 402	Entrepreneurship Development and SME	✓	✓	✓	
84	BBA 403	Market Research	✓	✓		
85	SEC 404	DSEC: Basic Financial Intelligence	✓	✓	✓	✓
86	BBA501 A	Elective-I: A) Leadership & Change Management	✓	✓	✓	✓
87	BBA501 B	B) Financial Markets and Services	✓	✓	✓	✓
88	BBA501 C	C) Brand Management	✓	✓		
89	BBA501 D	D) Spreadsheet Modelling for Managers	✓	✓	✓	✓
90	BBA502 A	Elective-II: A) Performance Appraisal and Counselling	✓	✓	✓	✓
91	BBA502 B	B) Analysis of Investment in Financial Assets	✓	✓	✓	✓
92	BBA502 C	C) Retail Marketing	✓	✓		
93	BBA502 D	D) Data Visualisation with Tableau	✓	✓	✓	✓
94	BBA503 A	Elective-III: A) Compensation Management	✓	✓	✓	✓
95	BBA503 B	B) Insurance Services	✓	✓	✓	✓
96	BBA503 C	C) Consumer Behaviour	✓	✓	✓	✓
97	BBA503 D	D) Business Statistics with R Programming	✓	✓	✓	✓
98	BBA504	Internship Report (including Viva-Voce)	✓			
99	BBA601 A	Elective-IV: A) Organisation Development	✓	✓	✓	✓
100	BBA601 B	B) Banking	✓	✓	✓	✓
101	BBA601 C	C) Advertising & Sales Promotion	✓	✓	✓	✓
102	BBA601 D	D) Database Management with SQL	✓	✓	✓	✓
103	BBA602 A	Elective-V: A) Talent and Knowledge Management	✓	✓	✓	✓
104	BBA602 B	B) Risk Analysis and Management	✓	✓	✓	✓
105	BBA602 C	C) Service Marketing	✓	✓	✓	✓
106	BBA602 D	D) Artificial intelligence and Machine learning with R	✓	✓	✓	✓
107	BBA603 A	Elective-VI: A) Employees Relations	✓	✓	✓	✓
108	BBA603 B	B) International Finance	✓	✓	✓	✓
109	BBA603 C	C) Customer Relationship Management	✓	✓	✓	✓
110	BBA603 D	D) Data Visualisation through Power BI	✓	✓	✓	✓
111	BBA604	Project Work (including Viva-Voce)	✓			
112	BCH101	Chemistry of Biomolecules	✓	✓	✓	
113	BCH111	Qualitative Analysis of Biomolecules	✓	✓	✓	
114	BCH202	Chemistry of Nucleic Acids and Biochemical Techniques	✓	✓	✓	✓
115	BCH212	Quantitative Analysis of Biomolecules	✓	✓	✓	✓
116	BCH303	Bioenergetics, Biological Oxidations and Enzymology	✓	✓	✓	✓
117	BCH313	Enzymology	✓	✓	✓	✓
118	BCH404	Intermediary Metabolism	✓	✓	✓	✓
119	BCH414	Biochemical Preparations and Separations	✓	✓	✓	
120	DSEC1	Applied Biochemistry and Computational Biochemistry	✓	✓	✓	✓
121	DSEC2	Recombinant DNA Technology	✓	✓	✓	✓
122	BCH505A	Physiology Nutrition and Clinical Biochemistry	✓	✓	✓	✓
123	BCH515A	Physiology, Nutrition and Clinical Biochemistry	✓	✓	✓	✓
124	BCH505B	Cell Biology, Genetics & Microbiology	✓	✓	✓	✓
125	BCH515B	Cell Biology .Genetics &Microbiology	✓	✓	✓	✓
126	BCH606A	Molecular Biology and Immunology	✓	✓	✓	✓
127	BCH616A	Molecular Biology and Immunology	✓	✓	✓	✓
128	BCH606B	r-DNA Technology and Biotechnology	✓	✓	✓	✓
129	BCH616B	r-DNA Technology and Biotechnology	✓	✓	✓	✓
130	GE	Health and Clinical Markers	✓	✓	✓	✓

131	Core elective	Omics & Bioinformatics	✓	✓	✓	✓
132	Certificate Course	Basics of Experimental Biochemistry	✓	✓	✓	✓
133	Certificate Course	Clinical Microbiology & Molecular Diagnostics	✓	✓	✓	✓
134	BIT101	Cell Biology & Genetics	✓	✓	✓	✓
135	BIT111	Cell Biology & Genetics Pr	✓	✓	✓	✓
136	BIT202	Biological Chemistry & Microbiology	✓	✓	✓	✓
137	BIT212	Biological Chemistry & Microbiology Pr	✓	✓	✓	✓
138	BIT303	Molecularbiology And Recombinant Dna Technology	✓	✓	✓	✓
139	BIT313	Molecularbiology And Recombinant Dna Technology	✓	✓	✓	✓
140	BIT404	Bioinformatics and Biostatistics	✓	✓	✓	✓
141	BIT414	Bioinformatics and Biostatistics Pr	✓	✓	✓	✓
142	BIT505	Immunology	✓	✓	✓	✓
143	BIT515	Immunology Pr	✓	✓	✓	✓
144	BIT506	Plant Biotechnology	✓	✓	✓	✓
145	BIT516	Plant Biotechnology Pr	✓	✓	✓	✓
146	BIT607	Microbial Technology	✓	✓	✓	✓
147	BIT617	Microbial technology Pr	✓	✓	✓	✓
148	BIT608	Environmental Biotechnology and Biodiversity	✓	✓	✓	✓
149	BIT618	Environmental Biotechnology and Biodiversity Pr	✓	✓	✓	✓
150	BOT101	Microbial Diversity & Lower Plants	✓	✓	✓	✓
151	BOT111	Microbial Diversity of lower plants Pr	✓	✓	✓	✓
152	BOT202	Gymnosperms, Taxonomy of Angiosperms & Ecology	✓	✓	✓	✓
153	BOT212	Gymnosperms, Taxonomy of Angiosperms & Ecology Pr	✓	✓	✓	✓
154	BOT303	Plant Anatomy and Embryology	✓	✓	✓	✓
155	BOT313	Plant Anatomy and Embryology Pr	✓	✓	✓	✓
156	BOT404	Cell Bilogy, Genetics & Physiology	✓	✓	✓	✓
157	BOT414	Cell Bilogy, Genetics & Physiology Pr	✓	✓	✓	✓
158	BOT505	Biodiversity and Conservation	✓	✓	✓	✓
159	BOT515	Biodiversity and Conservation	✓	✓	✓	✓
160	GE - IDC 501	Industrial Microbiology	✓	✓	✓	✓
161	BOT606	Tissue Culture & Biotechnology	✓	✓	✓	✓
162	BOT616	Tissue Culture & Biotechnology Pr	✓	✓	✓	✓
163	BOT607	Project	✓	✓	✓	✓
164	CHE101	Chemistry	×	×	×	✓
165	CHE111	Chemistry	×	×	×	✓
166	CHE202	Chemistry	×	×	×	✓
167	CHE212	Chemistry	×	×	×	✓
168	CHE303	Chemistry	×	×	×	✓
169	CHE313	Chemistry	×	×	×	✓
170	CHE404	Chemistry	×	×	×	✓
171	CHE414	Chemistry	×	×	×	✓
172	CHE505	Chemistry	×	×	×	✓
173	CHE515	Chemistry	×	×	×	✓
174	CHE506A	Chemistry	×	×	×	✓
175	CHE516A	Chemistry	×	×	×	✓
176	CHE607	Chemistry	×	×	×	✓
177	CHE617	Chemistry	×	×	×	✓
178	CHE608	Chemistry	×	×	×	✓
179	CHE618	Chemistry	×	×	×	✓
180	GEN101	Transmission Genetics	×	×	×	✓
181	GEN111	Transmission Genetics	×	×	×	✓
182	GEN202	Molecular Genetics & Genetic Engineering	✓	✓	✓	✓
183	GEN212	Molecular Genetics & Genetic Engineering	✓	✓	✓	✓
184	GEN303	Biostatistics And Bioinformatics	✓	✓	✓	✓
185	GEN313	Biostatistics And Bioinformatics	✓	✓	✓	✓
186	GEN404	Population Genetics And Evolution	×	×	×	✓
187	GEN414	Population Genetics And Evolution	×	×	×	✓
188	GEN505	Genetic Engineering & Technology	✓	✓	✓	✓
189	GEN515	Genetic Engineering & Technology	✓	✓	✓	✓
190	GEN506A	Medical Genetics	✓	✓	✓	✓
191	GEN516A	Medical Genetics	✓	✓	✓	✓
192	GEN607	Microbial Genetics	×	×	×	✓
193	GEN617	Microbial Genetics	×	×	×	✓
194	GEN608	Cellular And Molecular Immunolgy	×	×	×	✓
195	GEN618	Cellular And Molecular Immunolgy	×	×	×	✓
196	NUT101	Nutritional Biochemistry	✓	✓	✓	✓
197	NUT111	Nutritional Biochemistry	✓	✓	✓	✓

198	NUT202	Nutritional Biochemistry II	✓	✓	✓	✓
199	NUT212	Nutritional Biochemistry II	✓	✓	✓	✓
200	NUT303	Food Science and Preparation	✓	✓	✓	✓
201	NUT313	Food Science and Preparation	✓	✓	✓	✓
202	NUT404	Applied Nutrition and Public Health	✓	✓	✓	✓
203	NUT414	Applied Nutrition and Public Health	✓	✓	✓	✓
204	NUT505	Food Processing & Preservation	✓	✓	✓	✓
205	NUT515	Food Processing & Preservation	✓	✓	✓	✓
206	NUT506	Food Sanitation and Hygiene	✓	✓	✓	✓
207	NUT516	Food Sanitation and Hygiene	✓	✓	✓	✓
208	NUT607	Therapeutic Nutrition	✓	✓	✓	✓
209	NUT617	Therapeutic Nutrition	✓	✓	✓	✓
210	NUT608	Nutrition and Public Health	✓	✓	✓	✓
211	NUT618	Nutrition and Public Health	✓	✓	✓	✓
212	MIC101	General Microbiology	✓	✓	✓	✓
213	MIC111	General Microbiology	✓	✓	✓	✓
214	MIC202	Microbial Diversity	✓	✓	✓	✓
215	MIC212	Microbial Diversity	✓	✓	✓	✓
216	MIC303	Food,Dairy & Environmental Microbiology	✓	✓	✓	✓
217	MIC313	Food,Dairy & Environmental Microbiology	✓	✓	✓	✓
218	MIC404	Immunology & Medical Microbiology	✓	✓	✓	✓
219	MIC414	Immunology & Medical Microbiology	✓	✓	✓	✓
220	MIC505	Immunology And Antimicrobial Agents	✓	✓	✓	✓
221	MIC515	Immunology And Antimicrobial Agents	✓	✓	✓	✓
222	MIC506A	Agricultural & Environmental Microbiology	✓	✓	✓	✓
223	MIC516A	Agricultural & Environmental Microbiology	✓	✓	✓	✓
224	MIC 506B	Food & Dairy Microbiology	✓	✓	✓	✓
225	MIC607	Industrial Microbiology & Microbial Technology	✓	✓	✓	✓
226	MIC617	Industrial Microbiology & Microbial Technology	✓	✓	✓	✓
227	MIC608A	Medical Microbiology	✓	✓	✓	✓
228	MIC618A	Medical Microbiology	✓	✓	✓	✓
229	MIC 608B	Clinical & Diagnostic Microbiology	✓	✓	✓	✓
230	MIC 618B	Clinical & Diagnostic Microbiology	✓	✓	✓	✓
231	ZOO101	Animal Diversity-Invertebrates	✓	✓	✓	✓
232	ZOO111	Animal Diversity-Invertebrates Pr	✓			
233	ZOO202	Animal Diversity-Verebrates				Yes
234	ZOO212	Animal Diversity-Verebrates Pr		✓	✓	
235	ZOO303	Animal Physiology And Animal Behaviour	✓			
236	ZOO313	Animal Physiology And Animal Behaviour Pr	✓			
237	ZOO404	Cell and Molecular Biology, Genetics & Developmental Biolo	✓			
238	ZOO414	Cell and Molecular Biology, Genetics & Developmental Biolo	✓	✓		
239	ZOO505	Immunology and Animal Biotechnology				
240	ZOO515	Immunology and Animal Biotechnology Pr	✓	✓	✓	Yes
241	ZOO506	Entomology	✓	✓		Yes
242	ZOO516	Entomology Pr	✓	✓	✓	Yes
243	ZOO607	Ecology, Zoogeography & Evolution	✓	✓		Yes
244	ZOO617	Ecology, Zoogeography & Evolution Pr	✓		✓	Yes
245	ZOO608	Aquatic Biology	✓			Yes
246	ZOO618	Aquatic Biology Pr		✓	✓	Yes
247	ARA101	Arabic-I	✓			
248	ARA202	Arabic-II	✓	✓	✓	✓
249	ARA303	Arabic-III	✓	✓	✓	✓
250	ARA404	Arabic-IV	✓	✓	✓	✓
251	FRE101	French-I	✓	✓	✓	✓
252	FRE202	French-II	X	X	X	X
253	FRE303	French-III	X	X	X	X
254	FRE404	French-IV	X	X	X	X
255	HIN101	Hindi-I	X	X	✓	✓
256	HIN202	Hindi-II	X	X	X	X
257	HIN303	Hindi-III	✓	✓	✓	✓
258	HIN404	Hindi-IV	✓	✓	✓	✓
259	SAN101	Sanskrit-I	✓	✓	✓	✓
260	SAN202	Sanskrit-II	✓	✓	✓	✓
261	SAN303	Sanskrit-III	✓	✓	✓	✓
262	SAN404	Sanskrit-IV	✓	✓	✓	✓
263	TEL101	Telugu-I	✓	✓	✓	✓
264	TEL202	Telugu-II	✓	✓	✓	✓

265	TEL303	Telugu-III	✓	✓	✓	✓
266	TEL404	Telugu-IV	✓	✓	✓	✓
267	ENG101	English-I	✓	✓	✓	✓
268	ENG202	English-II	✓	✓	✓	✓
269	ENG303	English-III	✓	✓	✓	✓
270	ENG404	English-IV	✓	✓	✓	✓
271	CSC101	Programming in C	✓	✓	✓	✓
272	CSC 111	Programming in C	X	X	X	X
273	CSC202	Programming in C++	X	X	X	X
274	CSC212	Programming in C++	X	X	X	X
275	CSC303	Implementing Data Structures using C++	X	X	✓	✓
276	CSC313	Implementing Data Structures using C++	✓	✓	✓	✓
277	CSC404	Data Base Management Systems	✓	✓	✓	✓
278	CSC414	Data Base Management Systems	✓	✓	✓	✓
279	CSC505	Programming in JAVA	✓	✓	✓	✓
280	CSC515	Programming in JAVA	✓	✓	✓	✓
281	CSC506A	Operating Systems	✓	✓	✓	✓
282	CSC516A	Operating Systems	✓	✓	✓	✓
283	CSC607	Computer Networks	✓	✓	✓	✓
284	CSC617	Computer Networks	✓	✓	✓	✓
285	CSC608	Web Technologies	✓	✓	✓	✓
286	CSC618	Web Technologies	✓	✓	✓	✓
287	ELE101	Circuit Analysis	✓	✓	✓	✓
288	ELE111	Circuit Analysis	✓	✓	✓	✓
289	ELE202	Electronic Devices	✓	✓	✓	✓
290	ELE212	Electronic Devices	✓	✓	✓	✓
291	ELE303	Analog Circuits	✓	✓	✓	✓
292	ELE313	Analog Circuits	✓	✓	✓	✓
293	ELE404	Linear Integrated Circuits and Basics of Communication	✓	✓	✓	✓
294	ELE414	Linear Integrated Circuits and Basics of Communication	✓	✓	✓	✓
295	ELE505	Digital Electronics	✓	✓	✓	✓
296	ELE515	Digital Electronics	✓	✓	✓	✓
297	ELE506A	MICROPROCESSORS AND MICROCONTROLLERS	✓	✓	✓	✓
298	ELE516A	MICROPROCESSORS AND MICROCONTROLLERS	✓	✓	✓	✓
299	ELE607	Digital Communication	✓	✓	✓	✓
300	ELE617	Digital Communication	✓	✓	✓	✓
301	ELE608	EMBEDDED SYSTEMS	✓	✓	✓	✓
302	ELE618	EMBEDDED SYSTEMS	✓	✓	✓	✓
303	MAT101	Differential Equations	✓	✓	✓	✓
304	MAT111	Differential Equations	✓	✓	✓	✓
305	MAT202	Differential & integral Calculus	✓	✓	✓	✓
306	MAT212	Differential & integral Calculus	✓	✓	✓	✓
307	MAT303	Algebra	✓	✓	✓	✓
308	MAT313	Algebra	✓	✓	✓	✓
309	MAT404	Real Analysis	✓	✓	✓	✓
310	MAT414	Real Analysis	✓	✓	✓	✓
311	MAT505	Linear Algebra	✓	✓	✓	✓
312	MAT515	Linear Algebra	✓	✓	✓	✓
313	MAT506A	Numerical Analysis	✓	✓	✓	✓
314	MAT516A	Numerical Analysis	✓	✓	✓	✓
315	MAT607	Vector Calculus	✓	✓	✓	✓
316	MAT617	Vector Calculus	✓	✓	✓	✓
317	MAT608	Analytical Solid Geometry	✓	✓	✓	✓
318	MAT618	Analytical Solid Geometry	✓	✓	✓	✓
319	PHY101	Mechanics & Oscillations	✓	✓	✓	✓
320	PHY111	Mechanics & Oscillations	✓	✓	✓	✓
321	PHY202	Thermal Physics	✓	✓	✓	✓
322	PHY212	Thermal Physics	✓	✓	✓	✓
323	PHY303	Electromagnetism	✓	✓	✓	✓
324	PHY313	Electromagnetism	✓	✓	✓	✓
325	PHY404	Waves & Optics	✓	✓	✓	✓
326	PHY414	Waves & Optics	✓	✓	✓	✓
327	PHY505	Electromagnetism	✓	✓	✓	✓
328	PHY515	Electromagnetism	✓	✓	✓	✓
329	PHY506A	Solid State Physics and Spectroscopy	✓	✓	✓	✓
330	PHY516A	Solid State Physics and Spectroscopy	✓	✓	✓	✓
331	PHY607	Quantum and Nuclear Physics	✓	✓	✓	✓

332	PHY617	Quantum and Nuclear Physics	✓	✓	✓	✓
333	PHY608	Basic Electronics	✓	✓	✓	✓
334	PHY618	Basic Electronics	✓	✓	✓	✓
335	STA101	Descriptive Statistics & Probability	✓	✓	✓	✓
336	STA111	Descriptive Statistics & Probability	✓	✓	✓	✓
337	STA202	Probability Distributions	✓	✓	✓	✓
338	STA212	Probability Distributions	✓	✓	✓	✓
339	STA303	Linear Regression Analysis & Statistical Inference I	✓	✓	✓	✓
340	STA313	Linear Regression Analysis & Statistical Inference I				✓
341	STA 404	Statistical Inference II				✓
342	STA414	Statistical Inference II				✓
343	STA505	Sampling Techniques and Business Economics				✓
344	STA515	Sampling Techniques and Business Economics Pr				✓
345	STA506A	Statistical Quality Control and Reliability				✓
346	STA516A	Statistical Quality Control and Reliability				✓
347	STA607	Design of experiments, Vital Statistics, Index numbers and Official Statistics				✓
348	STA617	Design of experiments, Vital Statistics, Index numbers and Official Statistics				✓
349	STA608	Operations Research				✓
350	STA618	Operations Research				✓
351	LIT101	Introduction to English language & Literature				✓
352	LIT202	English Literature				✓
353	LIT303	English Drama				✓
354	LIT404	English Friction				✓
355	LIT505	Modern Language -V				✓
356	LIT506	Modern Language -VI	X	X	✓	✓
357	LIT607	Modern language VII	✓	✓	✓	✓
358	LIT608	Modern language VIII	✓	✓	✓	✓
359	ECO101	Micro Economics	✓	✓	✓	✓
360	ECO202	Micro Economics – II	✓	✓	✓	✓
361	ECO 303	Macro Economics – I	✓	✓	✓	✓
362	ECO 404	Indian Economy	✓	✓	✓	✓
363	ECO505	Agricultural Economics	✓	✓	✓	✓
364	ECO606	International Economics	✓	✓	✓	✓
365	HIS101	Early History of India	✓	✓	✓	✓
366	HIS202	Early Medieval Indian History-1206-1707	✓	✓	✓	✓
367	HIS303	History of India (1526-1767)	✓	✓	✓	✓
368	HIS404	History of India (1858- 1964 CE)	✓	✓	✓	✓
369	HIS505	World History (1453-1815 CE)	✓	✓	✓	✓
370	HIS506	History of Telangana (From Earlist times to 1724)				
371	HIS607	World History (1815-1950)				
372	HIS608	History of Telangana (1724-2014)				
373	POL101	Political Theory				
374	POL202	Western Political Thought				
375	POL303	Indian Political Thought				
376	POL404	Constitution & Politics of India				
377	POL505	International Relations-I				
378	POL506A	Ameican Government & Politics				✓
379	POL506B	Election Studies				✓
380	POL607	International Relations-II			✓	✓
381	POL608A	American Government & Politics	✓	✓	✓	
382	POL608B	Election Studies				✓
383	PUB101	Introduction to Public Adminitration				✓
384	PUB202	Development Dynamics & Emerging Trends	✓	✓	✓	
385	PUB303	Union Administration				✓
386	PUB404	State Administration and Emerging Issues				✓
387	PUB505	Human Resource Management	✓	✓	✓	✓
388	PUB506	Rural Local Governance	✓	✓	✓	✓
389	PUB607	Financial and Material Resource Management	✓	✓	✓	✓
390	PUB608	Urban Local Governance	✓	✓	✓	
391	PSY101	General Psychology	✓	✓	✓	
392	PSY111	General Psychology	✓	✓	✓	✓
393	PSY202	Personality Theories & Assessment	✓	✓	✓	
394	PSY212	Personality Theories & Assessment	✓	✓	✓	
395	PSY 303	Dynamics Of Behaviour And Personality	✓	✓	✓	
396	PSY 313	Dynamics Of Behaviour And Personality	✓	✓	✓	✓

397	PSY 404	Child And Adolescent Psychology				
398	PSY 414	Child And Adolescent Psychology	✓	✓	✓	✓
399	PSY505	Social Psychology-I				
400	PSY515	Social Psychology-I Pr	✓	✓	✓	✓
401	PSY506	Abnormal Psychology- I				
402	PSY516	Abnormal Psychology-I PR	✓	✓	✓	✓
403	PSY607	Social Psychology II				
404	PSY617	Social Psychology II Pr	✓	✓	✓	✓
405	PSY608	Abnormal Psychology II				
406	PSY618	Abnormal Psychology-Ipr	✓	✓	✓	✓
407	JOU 101	Introduction to Communication & Journalism				
408	JOU 202	Mass Media Ini Inida	✓	✓	✓	✓
409	JOU 303	Reporting & Editing for Print Media				
410	JOU 404	BROADCAST JOURNALISM	✓	✓	✓	✓
411	JOU 505A	Advertising				
412	JOU 606A	Public Relations	✓	✓	✓	✓
413	JOU 606B	Introduction to Digital Journalism	✓	✓	✓	✓
414	JOU 606C	Specialized reporting	✓	✓	✓	✓
415	MCOM101	Managerial Economics	✓	✓	✓	✓
416	MCOM102	Principles of Marketing	✓	✓	✓	✓
417	MCOM103	Organizational Theory and Organizational Behavior	✓	✓	✓	✓
418	MCOM104	Financial Management	✓	✓	✓	✓
419	MCOM105	Indian Accounting Standards	✓	✓	✓	✓
420	SMNR111	Seminar	✓	✓	✓	
421	MAOC101	Communicative English & Soft Skills	✓	✓	✓	
422	MCHE101	Inorganic Chemistry	✓	✓	✓	
423	MCHE102	Organic Chemistry	✓	✓	✓	
424	MCHE103	Physical Chemistry		✓	✓	✓
425	MCHE104	Analytical Techniques and Spectroscopy - I	✓		✓	
426	MAOC101	Communicative English and Soft Skills	✓	✓	✓	✓
427	MNUT101	Human Physiology	✓	✓	✓	✓
428	MNUT102	Nutritional Biochemistry-I	✓	✓	✓	✓
429	MNUT103	Food Science	✓	✓	✓	✓
430	MNUT104	Public Health and Community Nutrition	✓	✓	✓	✓
431	MNUT105	Nutraceuticals and Nutrigenomics	✓	✓	✓	✓
432	MNUT106	Food Product Development and Entrepreneurship	✓	✓	✓	✓
433	MAOC101	English and Soft Skills	✓	✓	✓	✓
434	MBA101	Management and Organizational Behavior	✓	✓	✓	✓
435	MBA102	Financial Statement, Analysis and Reporting	✓	✓	✓	✓
436	MBA103	Marketing Management	✓	✓	✓	✓
437	MBA104B	Business Statistics for Decision Making	✓	✓	✓	✓
438	MBA105B	Managerial Economics	✓	✓	✓	✓
439	MAOC101	Indian Ethos and Culture	✓	✓	✓	
440	MCAN101	Mathematical Foundations of Computer Science	✓	✓	✓	✓
441	MCAN102	Data Structures using C	✓	✓	✓	
442	MCAN103	Object Oriented Programming using Java	✓	✓		
443	MCAN104	Computer Architecture	✓	✓	✓	
444	MCAN105	Probability and Statistics	✓	✓	✓	
445	MCAN106	Managerial Economics and Accountancy	✓	✓	✓	✓
446	MAOC111	Soft Skills Lab	✓	✓	✓	✓
447	MCAN201	Operating Systems	✓	✓	✓	✓
448	MCAN211	Operating Systems Lab	✓	✓	✓	✓
449	MCAN202	Database Management System	✓	✓	✓	✓
450	MCAN212	Database Management System Lab	✓	✓	✓	✓
451	MCAN203	Design and Analysis of Algorithms	✓	✓	✓	✓
452	MCAN204	Artificial Intelligence	✓	✓	✓	✓
453	MCAN214	Artificial Intelligence with Python Lab	✓	✓	✓	✓
454	MCAN205	Machine Learning	✓	✓	✓	✓
455	MCAN206	Operations Research	✓	✓	✓	✓
456	MAOC201	Fundamentals of Digital Marketing	✓	✓	✓	✓
457	DNUT101	Clinical Nutrition-I	✓	✓	✓	✓
458	DNUT102	Clinical Nutrition-II	✓	✓	✓	✓
459	DNUT103	Physiology	✓	✓	✓	✓
460	DNUT104	Dietetic Techniques, Patient Counselling and Food Service Management	✓	✓	✓	✓
461	DDAT101	Statistical Techniques for Data Analytics	✓	✓	✓	✓
462	DDAT102	Predictive Modelling	✓	✓	✓	✓
463	DDAT103	Machine Learning	✓	✓	✓	✓

464	DDAT104	Python for Data Analytics	✓	✓	✓	✓
465	MCOM301	Research Methodology and Statistical Analysis	✓	✓	✓	✓
466	MCOM302	e-Commerce	✓	✓	✓	✓
467	MCOM303	Cost Accounting and Control				
468	MCOM304	International Financial Management				
469	MCOM305	Security Analysis and Portfolio Management				
470	SMNR311	Seminar				
471	MIDC301	Entrepreneurship and Small Business Management, Environment Management, Needful Nutrition, Executive Communication	✓	✓	✓	✓
472	MCHE301	Synthetic Reagents, Advanced NMR, Conformational Analysis and ORD	✓	✓		✓
473	MCHE311	Separation and Identification of organic compounds PR	✓	✓		
474	MCHE302	Modern Organic Synthesis	✓	✓		✓
475	MCHE303A	Green Chemistry and Organic Materials	✓	✓		✓
476	MCHE304A	Biomolecules	✓	✓	✓	✓
477	MCHE312	Synthesis of Heterocyclic Molecules and Isolation of Natural Products PR	✓	✓	✓	✓
478	MIDC301	Environment Management	✓	✓	✓	✓
479	MNUT301	Dietetic Techniques and Patient Counselling	✓	✓	✓	✓
480	MNUT302	Medical Nutrition Management-II	✓	✓	✓	✓
481	MNUT312	Medical Nutrition Management-II PR	✓	✓	✓	✓
482	MNUT303	Nutrition for sports,fitness & special groups				
483	MNUT313	Dissertation	✓	✓	✓	✓
484	MIDC301	Entrepreneurship and Small Business Management, Environment Management, Needful Nutrition, Executive Communication	✓	✓	✓	✓
485	MBA301	Operations Research	✓	✓	✓	✓
486	MBA302	Global Business	✓	✓	✓	✓
487	MBA303	Operations Management	✓	✓	✓	✓
488	MBA304	DSE-I Financial Derivatives, Compensation and Benefits Management, Product and Brand Management, Retail and Supply Chain Management	✓	✓	✓	✓
489	MBA305	DSE-III International Finance, Organization Change and Development, Integrated Marketing Communication and Promotions, Retail Brand Management	✓	✓	✓	✓
490	MIDC301	Entrepreneurship and Small Business Management, Environment Management, Needful Nutrition, Executive Communication	✓	✓	✓	✓
491	MCAN301	Software Engineering	✓	✓	✓	✓
492	MCAN311	Software Engineering Lab	✓	✓	✓	
493	MCAN302	Computer Networks	✓	✓		
494	MCAN303	Data Science	✓	✓	✓	
495	MCAN313	Data Science Lab	✓	✓	✓	
496	MCAN304	Python Programming	✓	✓	✓	✓
497	MCAN314	Python Programming lab	✓	✓	✓	✓
498	MCAN305A	Information Security	✓	✓	✓	✓
499	MCAN306D	Natural Language Processing	✓	✓	✓	✓
500	SPIN307	Summer Internship	✓	✓	✓	✓
501	MCAN401B	Big data Analytics	✓	✓	✓	✓
502	MCAN402A	Cyber Security	✓	✓	✓	✓
503	MCAN303D	Organization Behaviour	✓	✓	✓	✓
504	PROJN411	Project work	✓	✓	✓	✓
505	MOOCs	Career Edge for Young Professionals by TCSION	✓	✓	✓	✓
506	SOC201	Baking Techniques	✓	✓	✓	✓
507	SOC201	Bible Foundation	✓	✓	✓	✓
508	SOC201	Calligraphy	✓	✓	✓	✓
509	SOC201	Cosmetology	✓	✓	✓	✓
510	SOC201	Culinary Techniques	✓	✓	✓	✓
511	SOC201	Design thinking as a skill	✓	✓	✓	✓
512	SOC201	Embroidery	✓			
513	SOC201	Fabric Painting	✓			
514	SOC201	Fashion Designing	✓			
515	SOC201	Foreign Language German	✓			
516	SOC201	Glass painting	✓			
517	SOC201	Handicrafts	✓			
518	SOC201	Home Decoration	✓			
519	SOC201	Happiness	✓			



520	SOC201	Herbal Medicine and Beauty Care	✓			
521	SOC201	Interview Skills	✓			
522	SOC201	Office management	✓			
523	SOC201	Oil Painting	✓			
524	SOC201	Music Vocal	✓			
525	SOC201	Pencil Sketching and Shading	✓			
526	SOC201	Professional Image Building and Business Etiquette	✓			
527	SOC201	Self Defense	✓			
528	SOC201	Urdu Qaida Course	✓			
529	SOC201	Web Designing	✓			
530	SOC201	Western Dance	✓			
531	MAOC101	Indian Ethos & Culture	✓			
532	MAOC101	Communicative Skills	✓			
533	MAOC101	English & Soft skills	✓			
534	MAOC101	Soft Skills-Lab	✓			
535	MAOC201	Career Skills - Online Course by TCS	✓			
536	MAOC201	Campus Recruitment Training	✓			
537	MAOC201	Basics of Computer Science	✓			
538	MAOC201	Computer Applications	✓			
539	MAOC201	Fundamentals of digital Marketing	✓			
540	MAOC201	Life Skills & Well being	✓			
541	MAOC201	Statistical Package for Social Sciences (SPSS)	✓			
542	MIDC301	Executive Communication	✓			
543	MIDC301	Environment Management	✓			
544	MIDC301	Micro and Medium Small Scale Enterprise	✓			
545	MIDC301	Needful Nutrition	✓			
546	AECC 101A/202B	Environmental Science	✓			
547	AECC 101B/202A	Gender Sensitization	✓			
548	AECC 202C	Basic Computer Skills	✓			
549	AECC 303	Science & Environment	✓			
550	AECC 404A	Computer Skills	✓			
551	AECC 404B	Human Rights	✓			
552	AECC 505	Finishing School	✓			
553	AECC 606	Gender Studies	✓			
554	CCA601	Community Theatre	✓			
555	CCA601	Consumer Education and Awareness	✓			
556	CCA601	Environment Education	✓			
557	CCA601	Innovate To Enterprise	✓			
558	CCA601	Monuments, Culture & Tradition of Telangana	✓			
559	CCA601	NCC	✓			
560	CCA601	NGO Management	✓			
561	CCA601	NSS	✓			
562	CCA601	Outreach	✓			
563	CCA601	Physical Education	✓			
564	COC401	Advanced Ms Excel and R-Programming	✓			
565	COC401	Anchoring And News Reading	✓			
566	COC401	Aquarium Maintenance	✓			
567	COC401	Arabic Translation and Phonetics	✓			
568	COC401	Artificial Intelligence	✓			
569	COC401	Baking Techniques	✓			
570	COC401	Beginners Course in Machine Learning	✓			
571	COC401	Clinical Cytogenetics	✓			
572	COC401	Communication Skills & Prof. Effectiveness	✓			
573	COC401	Culinary Techniques	✓			
574	COC401	Design Thinking as a Skill	✓			
575	COC401	Digital Marketing	✓			
576	COC401	Disaster Management	✓			
577	COC401	Entrepreneurship Development Skills	✓			
578	COC401	General Mathematics	✓			
579	COC401	Health and Wellbeing through Ayurveda, Yoga and Meditation	✓			
580	COC401	Herbal Medicine and Beauty Care	✓			
581	COC401	International Travel & Tourism Management	✓			
582	COC401	Interpersonal Communication	✓			
583	COC401	Media Communication	✓			

584	COC401	Medical Coding	✓				
585	COC401	Medical Lab Technology	✓				
586	COC401	Nutrition and Fitness	✓				
587	COC401	Python Programming	✓				
588	COC401	Retail Management	✓				
589	COC401	Robotics	✓				
590	COC401	Sociology of Culture	✓				
591	COC401	Textiles and Dyeing	✓				
592	COC401	Women and Career and Growth	✓				
593	COC401	Women Studies	✓				
594	IDC501	Arabic - Functional Arabic	✓				
595	IDC501	BBM - Managerial Communication	✓				
596	IDC501	BBM - Project Management	✓				
597	IDC501	Biochemistry & Genetics - Health and Biomarkers	✓				
598	IDC501	Biotechnology-Plant Tissue Culture	✓				
599	IDC501	Botany - Home Gardening and Landscaping	✓				
600	IDC501	Chemistry - Research Methodology	✓				
601	IDC501	Commerce - E Commerce	✓				
602	IDC501	Commerce - Investment Management	✓				
603	IDC501	Commerce - Talent and Knowledge Management	✓				
604	IDC501	Computer Science - FOSS tools	✓				
605	IDC501	Economics - Telangana Economy	✓				
606	IDC501	English - Creative Writing	✓				
607	IDC501	French - Spoken French for Beginners	✓				
608	IDC501	History - South Indian Heritage	✓				
609	IDC501	Mathematics - Mathematics for Competitive Exams	✓				
610	IDC501	Microbiology - Microbiology for Health and Wealth	✓				
611	IDC501	Nutrition - Needful Nutrition	✓				
612	IDC501	Physics & Electronics - Digital Photography	✓				
613	IDC501	Political Science - Indian Constitution	✓				
614	IDC501	Psychology - Positive Psychology	✓				
615	IDC501	Public Administration - Good Governance	✓				
616	IDC501	Sanskrit - Nutritional Psychosomatics and Ancient Medicinal Systems	✓				
617	IDC501	Statistics - Basic Statistics and Data Analysis	✓				
618	IDC501	Telangana Economy	✓				
619	IDC501	Telugu - Journalism in Telugu	✓				
620	IDC501	Zoology - Women and Health	✓				

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