2021-22									
S.No.	Course code	Coursse title	Local need	Regional need	National Need	Global Need			
1	BCO 101/IFA101	Financial Accounting-I	<b>√</b>	<b>√</b>	<b>√</b>	✓			
2	BCO 102	Business Organization & Management	√	√	<b>√</b>	✓			
3	BCO 103	Business Mathematics	√	√	<b>√</b>	✓			
4	BCO 104	Banking & Financial Services	<b>√</b>	<b>√</b>	<b>√</b>	✓			
5	BCOB 104	Data- Driven Decision Making	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
6	BCOP 105	Financial Planning and Performance	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
7	BCO/IFA 102	Management Accounting	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
8	BCO/IFA 103	Accountant in Business	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
9	BCO/IFA 104	Banking & Financial Services	<b>√</b>	<b>√</b>	√	<b>√</b>			
10	BCO/IFA 105	Taxation- I	_	-	-	_			
11	BCO 201/IFA202	Financial Accounting- II	<b>√</b>	<b>√</b>	<b>√</b>	✓			
12	BCO 202	Managerial Economics		√	√	√			
13	BCOI 202	Introduction to International Business	√	√	√	√			
14	BCO 203	Fundamentals of IT		-	-	_			
15	BCO 204	Financial Institutions & Markets	<b>√</b>	<b>√</b>	<b>√</b>	✓			
16	BCOB 204	Data Analytics Essentials	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
17	BCOP 205	Financial Reporting & Control		√	<b>√</b>	√			
18	BCO/IFA 202	Corporate and Business Law		_	_				
19	BCO/IFA 203	Fundamentals of IT	<b>√</b>	<b>√</b>	√	✓			
20	BCO/IFA 204	Financial Institutions and Markets	<b>√</b>	<b>√</b>	<b>√</b>	√			
21	BCO/IFA 205	Taxation- II		_	_	_			
22	BCO 301	Advanced Accounting	<b>√</b>	<b>√</b>	<b>√</b>	✓			
23	BCO 302	Business Mathematics	<b>√</b>	<b>√</b>	<b>√</b>	√ -			
24	BCO 303	Taxation-I		_	_	-			
25	BCO 304	Banking Theory and Practice	<b>√</b>	<b>√</b>	<b>√</b>	✓			
26	BCOP 303	Financial Decision Making -I		√	<b>√</b>	√			
27	BCOP 305	Business Communication and Report writin	√	√	√	√			
28	BCOP 306	Principles of Marketing	√	√	√	✓			
29	BCOP 307	Business Statistics	√	√	√	√			
30	BCO/IAF 301	Advanced Accounting	√	√	√	√			
31	BCO/IAF 302	Management Accounting Techniques-I	√	· √	√	√			
32	BCO/IAF 303	Corporate Tax	√	√	√	√			
33	BCO/IAF 304	Entrepreneurial Development	√	√	√	√			
34	BCO/IAF 305	Business Statistics-I	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>			
35	BCO/IAF 306	Business Communication & Report Writing	<b>√</b>	<b>√</b>	<b>√</b>	✓			
36	BCO 401	Corporate Accounting	<b>√</b>	<b>√</b>	<b>√</b>	✓			
37	BCO 402	Entrepreneurship Development and Busines	✓	√	<b>√</b>	✓			
38	BCO 403	Taxation-II	-	-	-	-			
39	BCO 404	Financial Institutions and Markets	✓	√	<b>√</b>	✓			
40	BCOP 403	Financial Decision Making-II	✓	√	<b>√</b>	✓			
41	BCOP 405	Advanced Business Statistics	<b>√</b>	<b>√</b>	√	✓			
42	BCOP 406	E-Commerce and Digital Marketing	<b>√</b>	<b>√</b>	√	✓			
43	BCOP 407	Management Information System	√	<b>√</b>	√	√			
44	BCO/IAF 401	Corporate Accounting	√	<b>√</b>	√	√			
45	BCO/IAF 402	Management Accounting Techniques-II	√	<b>√</b>	√	√			
46	BCO/IAF 403	Auditing & Assurance	√	<b>√</b>	<b>√</b>	√			
47	BCO/IAF 404	International Financial Reporting	√	<b>√</b>	<b>√</b>	√			
48	BCO/IAF 405	Business Statistics-II	√	<b>√</b>	√	✓			
49	BCO/IAF 406	Business Analysis	√	<b>√</b>	<b>√</b>	√			

50	BCO501	Cost Accounting	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
51	BCO502	Business Law		V	V	V
52	BCO503	Auditing	<u>-</u> √	<u>-</u> √	<u>-</u> √	<u>-</u> √
53		International Business	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
54	BCO504	Financial Statement Analysis	<b>√</b>	√ √	√ √	√ √
55	BCOA506	-	<b>√</b>	✓ ✓	√ √	√ √
56	BCOA506	Indian Accounting Standards		√ √	√ √	√ √
	BCOC505	Object Oriented Programming with C++				
57	BCOC506	e Commerce & Digital Marketing	<b>√</b>	√	√	√
58	BCOI505	International Marketing	<b>√</b>	√	√	√
59	BCOI506	Shipping & Insurance Practices & Procedu	<b>√</b>	√ 	√	√
60	BCOP504	Human Resource Management	<b>√</b>	<b>√</b>	<b>√</b>	√
61	BCOP505	Financial Management I	<b>√</b>	√	√	√
62	BCOP506	Financial Services	<b>√</b>	√	<b>√</b>	√
63	BCOP507	Research Methodology	<b>√</b>	√	<b>√</b>	<b>√</b>
64	IFA501	Financial Management I	√	√	√	√
65	IFA502	Corporate Governance & Business Ethics	<b>√</b>	√	√	√
66	IFA503	Corporate Reporting	√	√	√	√
67	IFA504	International Auditing & Assurance	<b>√</b>	√	√	√
68	IFA505	Advanced Performance Management I	✓	√	√	√
69	IFA506	Research Methodology	✓	√	√	√
70	BCO601	Managerial Accounting	✓	√	√	√
71	BCO602	Company Law	-	-	-	-
72	BCO603	Managerial Economics	$\checkmark$	√	√	$\checkmark$
73	BCO604	Computerized Accounting	$\checkmark$	√	√	$\checkmark$
74	BCOA605	Advanced Managerial Accounting	$\checkmark$	√	√	√
75	BCOA606	Advanced Corporate Accounting	$\checkmark$	√	✓	✓
76	BCOC605	Web Technologies	$\checkmark$	✓	✓	√
77	BCOC606	Relational Data base Management System	$\checkmark$	✓	✓	√
78	BCOI605	Foreign Trade and Financial Procedures	$\checkmark$	√	√	✓
79	BCOI606	Foreign Trade Documentation	$\checkmark$	√	√	✓
80	BCOP603	International Finance	$\checkmark$	√	√	√
81	BCOFP605	Investment Management	✓	√	√	√
82	BCOP606	Marketing Management	✓	✓	✓	✓
83	IFA601	Financial Management-II	<b>√</b>	√	<b>√</b>	√
84	IFA602	International Business	<b>√</b>	√	<b>√</b>	√
85	IFA603	Human Resource Management	<b>√</b>	√	√	√
86	IFA604	Advanced Performance Management - II	<b>√</b>	√	<b>√</b>	√
87	IFA605	International Financial Management	<b>√</b>	√	√	√
88	IFA606	Computerised Accounting & e-Commerce	<b>√</b>	√	<b>√</b>	√
89	BBA101	Principles of Management	<b>√</b>	√	<b>√</b>	√
90	BBA102	Basics of Marketing	<b>√</b>	√	<b>√</b>	√
91	BBA103	Business Economics	<b>√</b>	√	-	-
92	BBA 201	Organizational Behaviour	<b>√</b>	√	<b>√</b>	<b>√</b>
93	BBA 202	Information Technology for business (Theo	√	√	-	-
94	BBA 203	Financial Accounting	√	√	<b>√</b>	<b>√</b>
95	BBA213	Information Technology for business (Pract	√	√	-	-
96	BBA 301	Human Resources Management	<b>√</b>	√	<b>√</b>	√
97	BBA 302	Business Statistics	<b>√</b>	√	-	-
98	BBA 303	Financial Management	<b>√</b>	<b>√</b>	<b>√</b>	_
99	SEC302	DSEC: Business Exposure & Women Entre	<b>√</b>	<b>√</b>	√	<b>√</b>
100	BBA 401	Business Law and Ethics	<b>√</b>	√	_	_
101	BBA 402	Entrepreneurship Development and SME	<b>√</b>	<b>√</b>	- ✓	_
102	BBA 403	Market Research	<b>√</b>	<b>√</b>	_	_
102	ע∨ד זייםם.	14141KOt ICESCAIOH	٧	v	_	_

102	CEC 404	DCFC Desir Financial Letallinance	/	/	/	/
103	SEC 404	DSEC: Basic Financial Intelligence	√ √	√ √	√ √	√ √
104	BBA501 A	Elective-I: A) Leadership & Change Manag	<b>√</b>	√ √	√ √	✓ ✓
	BBA501 B	B) Financial Markets and Services	<b>√</b>	√ √	V	V
106	BBA501 C	C) Brand Management			-	-
107	BBA501 D	D) Spreadsheet Modelling for Managers	<b>√</b>	√	√	√
108	BBA502 A	Elective-II: A) Performance Appraisal and	<b>√</b>	<b>√</b>	√ 	<b>√</b>
109	BBA502 B	B) Analysis of Investment in Financial Asse		√ 	✓	√
110	BBA502 C	C) Retail Marketing	<b>√</b>	<b>√</b>	-	-
111	BBA502 D	D) Data Visualisation with Tableau	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
112	BBA503 A	Elective-III: A) Compensation Managemen	<b>√</b>	<b>√</b>	<b>√</b>	√
113	BBA503 B	B) Insurance Services	√	<b>√</b>	<b>√</b>	<b>√</b>
114	BBA503 C	C) Consumer Behaviour	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
115	BBA503 D	D) Business Statistics with R Programming		✓	√	√
116	BBA504	Internship Report (including Viva-Voce)	✓	-	-	-
117	BBA601 A	Elective-IV: A) Organisation Development	√	√	√	√
118	BBA601 B	B) Banking	$\checkmark$	✓	$\checkmark$	$\checkmark$
119	BBA601 C	C) Advertising & Sales Promotion	$\checkmark$	$\checkmark$	$\checkmark$	√
120	BBA601 D	D) Database Management with SQL	$\checkmark$	✓	√	√
121	BBA602 A	Elective-V: A) Talent and Knowledge Man	$\checkmark$	√	✓	√
122	BBA602 B	B) Risk Analysis and Management	✓	√	√	√
123	BBA602 C	C) Service Marketing	<b>√</b>	<b>√</b>	<b>√</b>	√
124	BBA602 D	D) Artificial intelligence and Machine learn	<b>√</b>	√	√	√
125	BBA603 A	Elective-VI: A) Employees Relations	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
126	BBA603 B	B) International Finance	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
127	BBA603 C	C) Customer Relationship Management	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
128	BBA603 D	D) Data Visualisation through Power BI	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
129	BBA604	Project Work (including Viva-Voce)	√		_	
130	BCH101	Chemistry of Biomolecules	√	<b>√</b>	<b>√</b>	-
131	BCH111	Qualitative Analysis of Biomolecules	<b>√</b>	√	√	-
132	BCH202	Chemistry of Nucleic Acids and Biochemic		<b>√</b>	√	<b>√</b>
133	BCH212	Quantitative Analysis of Biomolecules	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
134	BCH303	Bioenergetics, Biological Oxidations and E	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
135	BCH313	Enzymology	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
136	BCH404	Intermediary Metabolism	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
137	BCH414	Biochemical Preparations and Separations	<b>√</b>	<b>√</b>	<b>√</b>	V
137	DSEC1	Applied Biochemistry and Computational E		<b>√</b>	<b>√</b>	- √
139	DSEC1					
140		Recombinant DNA Technology	√ √	√ √	√ √	<b>√</b>
140	BCH505A	Physiology Nutrition and Clinical Biochem Physiology, Nutrition and Clinical		V	V	V
141	BCH515A	Biochemistry	✓	✓	✓	✓
142	BCH505B	Cell Biology, Genetics & Microbiology	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
143	BCH515B	Cell Biology .Genetics &Microbiology	<b>√</b>	<b>√</b>	√ /	√ /
144	BCH606A	Molecular Biology and Immunology	<b>√</b>	<b>√</b>	√ /	√ /
145	BCH616A	Molecular Biology and Immunology	<b>√</b>	√ /	√ /	√ /
146	BCH606B	r-DNA Technology and Biotechnology	<b>√</b>	√ 	√ /	√
147	BCH616B	r-DNA Technology and Biotechnology	<b>√</b>	√ 	√	√
148	GE	Health and Clinical Markers	<b>√</b>	√	√ 	√
149	Core elective	Omics & Bioinformatics	<b>√</b>	<b>√</b>	√	<b>√</b>
150	Certificate Course	Basics of Experimental Biochemistry	<b>√</b>	<b>√</b>	√	<b>√</b>
151	Certificate Course	Clinical Microbiology & Molecular Diagno		<b>√</b>	<b>√</b>	<b>√</b>
152	BIT101	Cell Biology And Genetics	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
153	BIT111	Cell Biology And Genetics Pr	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
154	BIT202	Biological Chemistry and Microbiology	✓	$\checkmark$	$\checkmark$	√

155   BIT212   Biological chemistry and microbiology Pr   V   V   V   V   V   V   V   V   V	155	DITA12	D'.1	/	/	/	/
157   BIT313   Molecular Biology and Recombinant DNA							
158 BIT404   Bioinformatics & Biostatistics   V							
159   BIT414			<u>.</u>				
160   BIT505   Immunology							
161 BIT515							
162 BIT506							
163 BIT516							
164 BIT607   Microbial Technology							
165 BIT617   Microbial Technology Pr							
166 BIT608							
167 BIT618							
168 BOT101   Microbial Diversity and lower plants							
169   BOT111   Microbial Diversity and lower plants Pr		BIT618	Environmental Biotechnology and Biodiver			√	
170   BOT202   Gymnosperm, Taxonomy of Angiosperms a	168	BOT101	Microbial Diversity and lower plants	$\checkmark$	$\checkmark$	√	$\checkmark$
171   BOT212   Gymnosperm, Taxonomy of Angiosperms a	169	BOT111	Microbial Diversity and lower plants Pr	$\checkmark$	$\checkmark$	✓	$\checkmark$
172   BOT303   Taxonomy of Angiosperms & Medicinal B	170	BOT202	Gymnosperm, Taxonomy of Angiosperms a	✓	$\checkmark$	✓	$\checkmark$
173   BOT313   Taxonomy of Angiosperms & Medicinal B	171	BOT212	Gymnosperm, Taxonomy of Angiosperms a	✓	✓	✓	✓
174   BOT404   Plant Anatomy and Embryology and Palyne	172	BOT303	Taxonomy of Angiosperms & Medicinal Bo	√	<b>√</b>	<b>√</b>	<b>√</b>
174         BOT404         Plant Anatomy and Embryology and Palync         ✓	173	BOT313	Taxonomy of Angiosperms & Medicinal Bo	<b>√</b>	<b>√</b>	√	<b>√</b>
175   BOT414	174				<b>√</b>	<b>√</b>	<b>√</b>
176   BOT505   Cell Biology & Genetics				<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
177   BOT515   Cell Biology & Genetics Pr							
178   BOT506   Ecology and Biodiversity							
179   BOT515   Ecology and Biodiversity Pr							
180   BOT607   PHYSIOLOGY							
181         BOT617         PHYSIOLOGY Pr         J							
182         BOT608         TISSUE CULTURE AND BIOTECHNOL         ✓							
183         BOT618         TISSUE CULTURE AND BIOTECHNOL         ✓							
184         CHE101         Chemistry         X         X         X         X         X         J           185         CHE111         Chemistry         X         X         X         X         X         X         J           186         CHE202         Chemistry         X         X         X         X         X         X         J           187         CHE212         Chemistry         X							
185         CHE111         Chemistry         X         X         X         J           186         CHE202         Chemistry         X         X         X         X         J           187         CHE212         Chemistry         X         X         X         X         X         J           188         CHE303         Chemistry III         X         X         X         X         J           189         CHE313         Chemistry IV         X         X         X         X         J           190         CHE404         Chemistry         X         X         X         X         J           191         CHE414         Chemistry         X         X         X         X         J           192         CHE505         Chemistry         X         X         X         X         X         J           193         CHE515         Chemistry         X         X         X         X         X         J           194         CHE506A         Chemistry Pr         X         X         X         X         J           195         CHE616A         Chemistry         X         X         X </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
186         CHE202         Chemistry         ×         ×         ×         ✓           187         CHE212         Chemistry         ×         ×         ×         ×         ✓           188         CHE303         Chemistry III         ×         ×         ×         ✓           189         CHE313         Chemistry IV         ×         ×         ×         ✓           190         CHE404         Chemistry         ×         ×         ×         ✓           191         CHE414         Chemistry         ×         ×         ×         ✓           192         CHE505         Chemistry         ×         ×         ×         ×         ✓           193         CHE515         Chemistry         ×         ×         ×         ×         ✓           194         CHE506A         Chemistry Pr         ×         ×         ×         ×         ✓           195         CHE516A         Chemistry Pr         ×         ×         ×         ×         ✓           196         CHE607         Chemistry         ×         ×         ×         ×         ×         ✓           198         CHE618							
187         CHE212         Chemistry         ×         ×         ×         ✓           188         CHE303         Chemistry III         ×         ×         ×         ✓           189         CHE313         Chemistry IV         ×         ×         ×         ✓           190         CHE404         Chemistry         ×         ×         ×         ✓           191         CHE414         Chemistry         ×         ×         ×         ✓           192         CHE505         Chemistry         ×         ×         ×         ✓           193         CHE515         Chemistry         ×         ×         ×         ✓           194         CHE506A         Chemistry Pr         ×         ×         ×         ✓           195         CHE516A         Chemistry Pr         ×         ×         ×         ✓           196         CHE607         Chemistry         ×         ×         ×         ×         ✓           197         CHE617         Chemistry Pr         ×         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         × <t< td=""><td></td><td></td><td>·</td><td></td><td></td><td></td><td></td></t<>			·				
188         CHE303         Chemistry III         ×         ×         ×         ✓           189         CHE313         Chemistry IV         ×         ×         ×         ✓           190         CHE404         Chemistry         ×         ×         ×         ×         ✓           191         CHE414         Chemistry         ×         ×         ×         ×         ✓           192         CHE505         Chemistry         ×         ×         ×         ×         ✓           193         CHE515         Chemistry         ×         ×         ×         ×         ✓           194         CHE506A         Chemistry Pr         ×         ×         ×         ×         ✓           195         CHE516A         Chemistry Pr         ×         ×         ×         ✓           196         CHE607         Chemistry         ×         ×         ×         ×         ✓           197         CHE617         Chemistry         Pr         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         ×         ×         ✓           200							
189         CHE313         Chemistry IV         X         X         X         ✓           190         CHE404         Chemistry         X         X         X         X         ✓           191         CHE414         Chemistry         X         X         X         X         X         X         J           192         CHE505         Chemistry         X         X         X         X         X         J           193         CHE515         Chemistry         X         X         X         X         J           194         CHE506A         Chemistry Pr         X         X         X         J           195         CHE516A         Chemistry Pr         X         X         X         J           195         CHE607         Chemistry         X         X         X         X         J           197         CHE617         Chemistry         X         X         X         X         J           198         CHE608         Chemistry Pr         X         X         X         X         J           199         CHE618         Chemistry Pr         X         X         X         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
190   CHE404   Chemistry			·				
191         CHE414         Chemistry         ×         ×         ×         ×         √           192         CHE505         Chemistry         ×         ×         ×         ×         ×         √           193         CHE515         Chemistry         ×         ×         ×         ×         √           194         CHE506A         Chemistry Pr         ×         ×         ×         √           195         CHE516A         Chemistry Pr         ×         ×         ×         √           196         CHE607         Chemistry         ×         ×         ×         ×         √           197         CHE617         Chemistry         ×         ×         ×         ×         √           198         CHE608         Chemistry Pr         ×         ×         ×         ×         √           199         CHE618         Chemistry Pr         ×         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ×         ✓           201         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓			·				
192         CHE505         Chemistry         ×         ×         ×         √           193         CHE515         Chemistry         X         ×         ×         ✓           194         CHE506A         Chemistry Pr         ×         ×         ×         ✓           195         CHE516A         Chemistry Pr         ×         ×         ×         ✓           196         CHE607         Chemistry         ×         ×         ×         ✓           197         CHE617         Chemistry         Y         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         ×         ×         ✓           199         CHE618         Chemistry Pr         ×         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ×         ×         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓			·				
193         CHE515         Chemistry         ×         ×         ×         √           194         CHE506A         Chemistry Pr         ×         ×         ×         √           195         CHE516A         Chemistry Pr         ×         ×         ×         √           196         CHE607         Chemistry         ×         ×         ×         √           197         CHE617         Chemistry         ×         ×         ×         √           198         CHE608         Chemistry Pr         ×         ×         ×         √           199         CHE618         Chemistry Pr         ×         ×         ×         √           200         GEN101         Transmission Genetics         ×         ×         ×         ×           201         GEN111         Transmission Genetics         ×         ×         ×         √           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           204         GEN303         Biostatisites and Bioinformatics         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         <			·				
194         CHE506A         Chemistry Pr         ×         ×         ×         ✓           195         CHE516A         Chemistry Pr         ×         ×         ×         ✓           196         CHE607         Chemistry         ×         ×         ×         ×         ✓           197         CHE617         Chemistry         ×         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         ×         ✓           199         CHE618         Chemistry Pr         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ×         ✓           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓         ✓           204         GEN303         Biostatisites and Bioinformatics         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓         ✓			·				
195         CHE516A         Chemistry Pr         ×         ×         ×         ✓           196         CHE607         Chemistry         ×         ×         ×         ×         ✓           197         CHE617         Chemistry         ×         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         ×         ✓           199         CHE618         Chemistry Pr         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ✓           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           203         GEN212         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           204         GEN303         Biostatisites and Bioinformatics         ✓         ✓         ✓         ✓         ✓           205         GEN313         Biostatisites and Bioinformatics Pr         ✓         ✓         ✓         ✓ <t< td=""><td></td><td></td><td>·</td><td>×</td><td></td><td>×</td><td></td></t<>			·	×		×	
196         CHE607         Chemistry         ×         ×         ×         ✓           197         CHE617         Chemistry         ×         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         ×         ✓           199         CHE618         Chemistry Pr         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ✓           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           203         GEN212         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓         ✓         ✓           204         GEN303         Biostatisites and Bioinformatics         ✓			·	×	×	×	
197         CHE617         Chemistry         ×         ×         ×         ✓           198         CHE608         Chemistry Pr         ×         ×         ×         ✓           199         CHE618         Chemistry Pr         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ✓           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           203         GEN212         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           204         GEN303         Biostatisites and Bioinformatics         ✓         ✓         ✓         ✓           205         GEN313         Biostatisites and Bioinformatics Pr         ✓         ✓         ✓         ✓           206         GEN404         population Genetics And Evolution         ×         ×         ×         ×			·	×	×	×	✓
198         CHE608         Chemistry Pr         ×         ×         ×         ✓           199         CHE618         Chemistry Pr         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ✓           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           203         GEN212         Molecular Genetics and genetic engineering         ✓		CHE607	Chemistry	×	×	×	✓
199         CHE618         Chemistry Pr         ×         ×         ×         ✓           200         GEN101         Transmission Genetics         ×         ×         ×         ✓           201         GEN111         Transmission Genetics         ×         ×         ×         ×           202         GEN202         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓           203         GEN212         Molecular Genetics and genetic engineering         ✓         ✓         ✓         ✓         ✓           204         GEN303         Biostatisites and Bioinformatics         ✓			·	×	×	×	✓
200       GEN101       Transmission Genetics $\times$ <t< td=""><td></td><td>CHE608</td><td>·</td><td>×</td><td>×</td><td>×</td><td><b>√</b></td></t<>		CHE608	·	×	×	×	<b>√</b>
201     GEN111     Transmission Genetics     ×     ×     ×     √       202     GEN202     Molecular Genetics and genetic engineering     √     √     √     √       203     GEN212     Molecular Genetics and genetic engineering     √     √     √     √       204     GEN303     Biostatisites and Bioinformatics     √     √     √     √       205     GEN313     Biostatisites and Bioinformatics Pr     √     √     √     √       206     GEN404     population Genetics And Evolution     ×     ×     ×     ✓	199	CHE618	Chemistry Pr	×	×	×	$\checkmark$
202       GEN202       Molecular Genetics and genetic engineering       ✓       ✓       ✓       ✓         203       GEN212       Molecular Genetics and genetic engineering       ✓       ✓       ✓       ✓         204       GEN303       Biostatisites and Bioinformatics       ✓       ✓       ✓       ✓         205       GEN313       Biostatisites and Bioinformatics Pr       ✓       ✓       ✓       ✓         206       GEN404       population Genetics And Evolution       ×       ×       ×       ✓	200	GEN101	Transmission Genetics	×	×	×	$\checkmark$
202       GEN202       Molecular Genetics and genetic engineering       ✓       ✓       ✓       ✓         203       GEN212       Molecular Genetics and genetic engineering       ✓       ✓       ✓       ✓       ✓         204       GEN303       Biostatisitcs and Bioinformatics       ✓       ✓       ✓       ✓       ✓         205       GEN313       Biostatisitcs and Bioinformatics Pr       ✓       ✓       ✓       ✓       ✓         206       GEN404       population Genetics And Evolution       ×       ×       ×       ✓	201	GEN111	Transmission Genetics	×	×	×	<b>√</b>
203       GEN212       Molecular Genetics and genetic engineering       ✓	202		Molecular Genetics and genetic engineering	<b>√</b>	<b>√</b>	<b>√</b>	✓
204       GEN303       Biostatisites and Bioinformatics       ✓       ✓       ✓       ✓       ✓         205       GEN313       Biostatisites and Bioinformatics Pr       ✓       ✓       ✓       ✓       ✓         206       GEN404       population Genetics And Evolution       ×       ×       ×       ✓	203				✓	<b>√</b>	✓
205       GEN313       Biostatisites and Bioinformatics Pr       ✓       ✓       ✓       ✓         206       GEN404       population Genetics And Evolution       ×       ×       ×       ✓					<b>√</b>	<b>√</b>	<b>√</b>
206 GEN404 population Genetics And Evolution × × × ✓							
ZU/  GEN414   population Genetics And Evolution Pr   X   X   X   \ \ \ \ \ \ \ \ \ \ \ \ \	207	GEN414	population Genetics And Evolution Pr	×	×	×	√

208	CENEOS	Countie Europa and R. Tooland lane	/	/	/	/
208	GEN505	Genetic Engineering & Technology	√ √	√ √	√ √	√ √
	GEN515	Genetic Engineering & Technology Pr		√ √		
210	GEN506A	Medical Genetics	√		√	√
211	GEN516A	Medical Genetics Pr	√	√	√	√
212	GEN607	Biostatistics, Genetic equilibrium and Bioir		√	√	√
213	GEN617	Biostatistics, Genetic equilibrium and Bioir		√ 	√	√
214	GEN608	Animal Genetics	√	√	√	√
215	GEN618	Animal Genetics Pr	√	<b>√</b>	<b>√</b>	<b>√</b>
216	NUT101	Nutritional Biochemistry-1	√	<b>√</b>	<b>√</b>	<b>√</b>
	NUT111	Nutritional Biochemistry-1	√	<b>√</b>	<b>√</b>	<b>√</b>
	NUT202	Nutritional Biochemistry-II	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
219	NUT212	Nutritional Biochemistry-II	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
	NUT303	Food Science and Preparation	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
221	NUT313		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
222	NUT404	Nutrition through Lifecycle	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
223	NUT414		√	<b>√</b>	<b>√</b>	<b>√</b>
	NUT505	Food Processing & Preservation	√	√	√	√
225	NUT515	Food Processing & Preservation Pr	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
226	NUT506	Food Sanitation and Hygiene	✓	√	√	✓
227	NUT516	Food Sanitation and Hygiene Pr	√	√	√	✓
	NUT607	Therapeutic Nutrition	√	√	√	✓
229	NUT617	Public Health	✓	√	√	✓
	NUT608	Therapeutic Nutrition Pr	√	√	√	✓
231	NUT618	Public Health Pr	√	√	✓	✓
232	MIC101	General Microbiology	✓	✓	√	✓
233	MIC111	General Microbiology	✓	√	√	✓
234	MIC202	Microbial Diversity	✓	✓	√	✓
235	MIC212	Microbial Diversity	✓	✓	✓	✓
236	MIC303	Microbial Physiology	✓	✓	✓	✓
237	MIC313	Microbial Physiology	✓	✓	✓	✓
238	MIC404	Microbial Genetics	√	✓	√	✓
239	MIC414	Microbial Genetics	✓	✓	√	✓
240	MIC505	Immunology And Chemotherapy	√	✓	√	√
241	MIC515	Immunology And Chemotherapy	✓	$\checkmark$	$\checkmark$	√
242	MIC506A	Environmental Microbiology and Sustainab		✓	√	✓
243	MIC516A	Environmental Microbiology and Sustainab	✓	✓	√	✓
244	MIC 506B	Food & Dairy Microbiology	√	✓	√	√
245	MIC 516B	Food & Dairy Microbiology	√	✓	√	√
246	MIC607	Industrial Microbiology & Microbial Techn		✓	✓	✓
247	MIC617	Industrial Microbiology & Microbial Techn	✓	√	✓	✓
248	MIC608A	Medical Microbiology	✓	√	✓	✓
249	MIC618A	Medical Microbiology	✓	√	√	✓
250	MIC 608B	Clinical & Diagnostic Microbiology	√	√	√	✓
251	MIC 618B	Clinical & Diagnostic Microbiology	√	√	<b>√</b>	✓
252	ZOO101	Animal Diversity - Invertebrates	✓	-	-	-
253	ZOO111	Animal Diversity - Invertebrates Pr		-		✓
254	ZOO202	Animal Diversity-Vertebrates	-	✓	✓	-
255	ZOO212	Animal Diversity-Vertebrates Pr	✓	-	-	-
256	ZOO303	Animal Physiology and Animal Behaviour	✓	-		-
257	ZOO313	Animal Physiology and Animal Behaviour	✓	-	-	-
258	ZOO404	Cell and Molecular Biology, Genetics and D	✓	✓	-	-
259	ZOO414	Cell and Molecular Biology, Genetics and D	-	-	-	-

261	ZOO515	Animal Physiology and Biochemistry Pr		<b>√</b>	_	
262	ZOO506	Entomology	<u>-</u> ✓	✓ ✓	<i>-</i> √	- √
263	ZOO516	Entomology Pr	V	V	V	V
264	ZOO516 ZOO607	Immunology and Animal Biotechnology	-	-	-	- ✓
265		<u> </u>	- /	-	-	V
	Z00617	Immunology and Animal Biotechnology Pr	√	-	-	-
266	ZOO608	Aquatic Biology	-	√	√	√
267	ZOO618	Aquatic Biology Pr	<b>√</b>	-	-	-
268	ARA101	Arabic-I	<b>√</b>	√	√	√
269	ARA202	Arabic-II	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
270	ARA303	Arabic-III	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
271	ARA404	Arabic-IV	✓	√	√	√
272	FRE101	French-I	X	X	X	X
273	FRE202	French-II	X	X	X	X
274	FRE303	French-III	X	X	X	X
275	FRE404	French-IV	X	X	✓	√
276	HIN101	Hindi-I	✓	√	√	√
277	HIN202	Hindi-II	✓	√	√	√
278	HIN303	Hindi-III	✓	✓	✓	√
279	HIN404	Hindi-IV	$\checkmark$	✓	√	√
280	SAN101	Sanskrit-I	$\checkmark$	√	√	√
281	SAN202	Sanskrit-II	$\checkmark$	√	√	√
282	SAN303	Sanskrit-III	✓	√	√	√
283	SAN404	Sanskrit-IV	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
284	TEL101	Telugu-I	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
285	TEL202	Telugu-II	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
286	TEL303	Telugu-III	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
287	TEL404	Telugu-IV	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
288	ENG101	English-I	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
289	ENG202	English-II	<b>√</b>	<b>√</b>	<b>√</b>	√
290	ENG303	English-III	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
291	ENG404	English-IV	<b>√</b>	√	√	√
292	FENG101	Functional English	<b>√</b>	√	√	√
293	FENG202	Functional English	<b>√</b>	√	√	√
294	CSC101	Programming in C	<b>√</b>	√	√	√
295	CSC 111	Programming in C Pr	<b>√</b>	√	√	√
296	CSC202	Programming in C++	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
297	CSC212	Programming in C++ Pr	<b>√</b>	<b>√</b>	√	√
298	CSC303	Programming in Java	<b>√</b>	<b>√</b>	√ ✓	<b>√</b>
299	CSC313	Programming in Java Pr	<b>√</b>	<b>√</b>	√ ✓	<b>√</b>
300	CSC404	Data Base management System		<b>√</b>	<b>√</b>	<b>√</b>
301	CSC404 CSC414	Data Base management System Pr	<b>√</b>	<b>√</b>	√ √	<b>√</b>
302	CSC505	Programming in JAVA	<b>√</b>	<b>√</b>	√ √	<b>√</b>
303	CSC505	Programming in JAVA Programming in Java Pr	<b>√</b>	<b>√</b>	√ √	<b>√</b>
303	CSC506A	Operating Systems	√ √	✓ ✓	√ √	✓ ✓
304		- · ·	√ √	✓ ✓	√ √	✓ ✓
	CSC516A	Operating Systems Pr		✓ ✓		
306	CSC607	Computer Networks	<b>√</b>		√ /	<b>√</b>
307	CSC617	Computer Networks Pr	√ /	√ /	√ /	√ /
308	CSC608	Web Technologies	√ /	√ 	√ /	√ /
309	CSC618	Web Technologies Pr	√ /	√	√ 	√ /
310	ELE101	Circuit Analysis	√ 	√	√ 	√
311	ELE111	Circuit Analysis	<b>√</b>	<b>√</b>	√	√
312	ELE202	Electronic Devices	<b>√</b>	<b>√</b>	√	<b>√</b>
313	ELE212	Electronic Devices	✓	√	√	√

314	ELE303	Analog Circuits	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
315	ELE303	Analog Circuits	<b>√</b>	√ √	<b>√</b>	<b>√</b>
313	ELESIS	Linear Integrated Circuits and Principles		V	V	V
316	ELE404	of Communication	✓	✓	✓	✓
310	LLLTOT	Linear Integrated Circuits and Principles	V	V	V	V
317	ELE414	of Communication	✓	✓	✓	✓
318	ELE505	Digital Electronics	<b>√</b>	√ ✓	<b>√</b>	<b>√</b>
319	ELE505	Digital Electronics Pr	<b>√</b>	√ √	√ ✓	<b>√</b>
320	ELE515 ELE506A	Microprocessors and Microcontrollers	<b>√</b>	√ √	√ √	<b>√</b>
320	ELESOOA	Wheroprocessors and wherocondoners		V	V	V
321	ELE516A	Microprocessors and Microcontrollers Pr	✓	✓	✓	✓
322	ELE607	Digital Communication	<b>√</b>	<b>√</b>	√ ✓	<b>√</b>
323	ELE607 ELE617	Digital Communication Pr	<b>√</b>	√ √	√ √	<b>√</b>
323			<b>√</b>	√ √	√ √	√ √
	ELE608	Embedded Systems				
325	ELE618	Embedded Systems Pr	√ 	√	√	√
326	MAT101	Differential Equation	<b>√</b>	√	√	√
327	MAT111	Differential Equation	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
328	MAT202	Differential and Integral Calculus	<b>√</b>	√	<b>√</b>	<b>√</b>
329	MAT212	Differential and Integral Calculus	<b>√</b>	√	<b>√</b>	√
330	MAT303	Real Analysis	√	√	√	√
331	MAT313		✓	√	√	✓
332	MAT404	Algebra	✓	✓	√	√
333	MAT414		√	√	√	√
334	MAT505	Linear Algebra	√	√	√	√
335	MAT515	Solide Geometry	$\checkmark$	√	√	√
336	MAT506A	Linear Algebra Pr	$\checkmark$	√	✓	$\checkmark$
337	MAT516A	Solide Geometry Pr	$\checkmark$	√	✓	✓
338	MAT607	Numerical Analysis	$\checkmark$	√	✓	✓
339	MAT617	Vector Calculus	$\checkmark$	√	✓	√
340	MAT608	Numerical Analysis Pr	<b>√</b>	√	✓	√
341	MAT618	Vector Calculus Pr	<b>√</b>	√	<b>√</b>	√
342	PHY101	Mechanics & Oscillations	✓	√	<b>√</b>	√
343	PHY111	Mechanics & Oscillations	√	√	<b>√</b>	✓
344	PHY202	Thermal Physics	√	√	<b>√</b>	√
345	PHY212	Thermal Physics	<b>√</b>	√	<b>√</b>	√
346	PHY303	Thermal Physics	<b>√</b>	✓	<b>√</b>	√
347	PHY313	Thermal Physics	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
348	PHY404	Optics	<b>√</b>	√	√	√
349	PHY414	Optics	√	√	√	√
350	PHY505	Electromagnetism	√	√ -	√	√
351	PHY515	Electromagnetism Pr	<b>√</b>	√ √	√ -	<b>√</b>
352	PHY506A	Solid State Physics	<b>√</b>	√ √	√ ✓	<b>√</b>
353	PHY516A	Solid State Physics Pr	<b>√</b>	√ √	<b>√</b>	<b>√</b>
354	PHY607	Modern Physics	<b>√</b>	√ √	√ √	<b>√</b>
355	PHY617	Modern Physics Pr	<b>√</b>	√ √	√ √	<b>√</b>
356	PHY608	Basic Electronics	<b>√</b>	√ √	√ √	<b>√</b>
357	_	Basic Electronics Pr	<b>√</b>	√ √	√ √	✓ ✓
	PHY618			V	V	
358	STA101	Descriptive Statistics & Probability	-	-	-	<b>√</b>
359	STA111	Descriptive Statistics & Probability Pr	-	-	-	<b>√</b>
360	STA202	Probability Distributions	-	-	-	√ 
361	STA212	Probability Distributions Pr	-	-	-	✓
262	GT 4 202	Linear Regression Analysis&Statistical				,
362	STA303	Inference-I	-	-	-	√

364	STA313 STA 404	Linear Regression Analysis&Statistical Inference-I Pr	_	_		,
364			-	_		
	3 I A 4U4	Statistical Inference II	_	_	<u>-</u>	√ √
303	STA414	Statistical Inference II Pr	-	-	-	<b>√</b>
	31A414	Sampling Techniques and Business	-	-	-	V
366	STA505	Economics		_	_	√
300	51A303	Sampling Techniques and Business			-	
367	STA515	Economics Pr	_	_	_	√
	STA506A	Statistical Quality Control & Reliability		_	_	<b>√</b>
300	BIAJOOA	Statistical Quanty Control & Renability			_	<b>V</b>
369	STA516A	Statistical Quality Control & Reliability Pr	-	-	-	√
370	STA607	Design of experiments, Vital Statistics, Index Numbers and Official Statistics	-	-	-	√
371	STA617	Design of experiments, Vital Statistics, Index Numbers and Official Statistics Pr	-	-	-	<b>√</b>
372	STA608	Operations Research	-	-	-	√
	STA618	Operations Research Pr	-	-	-	√
374	LIT101	English literature	X	X	✓	√
375	LIT202	Introduction to English Language and Litera	✓	✓	√	√
376	LIT303	English Drama	✓	$\checkmark$	√	√
377	LIT404	English Fiction	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
378	LIT505	Modern Indian Literature	✓	√	√	√
379	LIT506	Modern Indian Literature	✓	√	√	√
380	LIT607	American Literature	✓	√	√	√
381	LIT608	English for academic and professional purp	<b>√</b>	√	√	√
382	ECO101	Micro Economics – I	<b>√</b>	√	√	-
383	ECO202	MICRO ECONOMICS – II	<b>√</b>	<b>√</b>	<b>√</b>	-
384	ECO 303	Macro Economics – I	<b>√</b>	<b>√</b>	<b>√</b>	√
385	ECO 404	Macro Economics – II	<b>√</b>	√	√	√
386	ECO505	Indian Economy	<b>√</b>	√	√	√
387	ECO515	Project Viva	<b>√</b>	<b>√</b>	<b>√</b>	√
388	ECO506	Public Economics	<b>√</b>	<b>√</b>	<b>√</b>	√
389	ECO607	Indian Economy	<b>√</b>	<b>√</b>	<b>√</b>	√
390	ECO617	Project Viva	<b>√</b>	<b>√</b>	√	√
391	ECO608	International Economics	<b>√</b>	<b>√</b>	<b>√</b>	√
392	HIS101	Early History of India HIS 101 (From earlie	<b>√</b>	-	-	-
	HIS202	Early Medieval Indian History (1206-1707)	-	-	-	-
	HIS303	History of India (1526-1767)	-	-	-	-
	HIS404	History of India (1858-1964 CC)	<b>√</b>	-	-	-
	HIS505	World History (1453-1815CE)	-	-	-	-
	HIS506	History of Telangana (From earliest times to	-	-	-	-
	HIS607	World History (1850-1950)	-	-	-	-
	HIS608	History of Telangana (1724-2014)	-	-	-	-
	POL101	Understanding Political Theory	-	-	-	√
	POL202	Western Political Thought	-	-	-	√
	POL303	Indian Political Thought	-	-	√	√
	POL404	Constitution & Politics of India	√	√	√	-
	POL505	International Relations-I	-	-	-	√
	POL506A	Ameican Government & Politics	-	-	-	√
	POL506B	Election Studies	<b>√</b>	<b>√</b>	√	-
	POL607	International Relations-II	_	-	-	✓

408	POL608A	American Government & Politics				<b>√</b>
409	POL608A POL608B	Election Studies	- ✓	<u>-</u> √	<u>-</u> √	✓ ✓
			√ √	√ √	√ √	✓ ✓
	PUB101	Introduction to Public Administration		√ √	√ √	
411	PUB202	Development Dynamics & Emerging Trend				√
412	PUB303	Union Administration	√	√	√	-
413	PUB404	State Administration and Emerging Issues	√	√	√	-
414	PUB505	Human Resource Management	<b>√</b>	<b>√</b>	<b>√</b>	√
415	PUB506	Rural Local Governance	√	<b>√</b>	<b>√</b>	-
416	PUB607	Financial and Material Resource Manageme		<b>√</b>	<b>√</b>	-
417	PUB608	Urban Local Governance	√	<b>√</b>	<b>√</b>	-
418	PSY101	Basic Psychological Processes	√	√	√	√
419	PSY111	Basic Psychological ProcessesPr	-	-	-	-
420	PSY202	Cognitive Processes	√	√	√	√
421	PSY212	Cognitive ProcessesPr	-	-	-	-
422	PSY 303	Dynamics Of Personality	√	√	✓	√
423	PSY 313	Dynamics Of PersonalityPR	-	-	-	-
424	PSY 404	Child and Adolescent Psychology	√	√	$\checkmark$	√
425	PSY 414	Child and Adolescent PsychologyPr	-	-	-	-
426	PSY505	Social Psychology I	√	√	✓	√
427	PSY515	Social Psychology-I PR	-	-	-	-
428	PSY506	Abnormal Psychology I	<b>√</b>	<b>√</b>	<b>√</b>	√
429	PSY516	Abnormal Psychology-I PR	-	-	-	-
430	PSY607	Social Psychology II	<b>√</b>	<b>√</b>	√	<b>√</b>
431	PSY617	Social Psychology II Pr	-	-	-	-
432	PSY608	Abnormal Psychology II	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
433	PSY618	Abnormal Psychology-Ipr	_	-	-	-
434	JOU 101	Introduction to Communication & Journalis	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
435	JOU 202	Mass Meida Ini Inida	√	√	√	√
436	JOU 303	Reporting & Editing for Print Media	√	√	√	√
437	JOU 404	BROADCAST JOURNALISM	√	√	<b>√</b>	<b>√</b>
438	JOU 505A	Advertising	√	√	<b>√</b>	<b>√</b>
439	JOU 606A	Public Relations	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
440	JOU 606B	ntroduction to Digital Journalism	√ √	√ ✓	<b>√</b>	<b>√</b>
441	JOU 606C	Specialized reporting	√ √	√ √	<b>√</b>	<b>√</b>
442	MCOM101	Managerial Economics	√ √	√ √	√ √	V
443	MCOM101	Principles of Marketing	√ √	√ -√	√ √	-
444			•	√ -√	√ √	-
	MCOM103	Organizational Theory & Organizational Be			√ √	-
445	MCOM104	Financial Management	√	√		-
446	MCOM105	Indian Accounting Standards	-	✓	√	√
447	MAOC101A	Communicative English & Soft Skills	√	-	√	-
448	SMNR111	Seminar	√	√	√	√
449	MCOM201	International Business and Business Enviro		√	-	-
450	MCOM202	Marketing Management	√	√	√	-
451	MCOM203	Human Resource Management	√	√	√	<b>√</b>
452	MCOM204	Investment Management	√	√	-	√
453	MCOM205	Advanced Managerial Accounting	✓	√	-	-
454	MAOC201	Statistical Package for Social Sciences(SPS		√	√	√
455	SMNR211	Seminar	√	√	-	√
456	MCHE101	Inorganic Chemistry	√	√	√	√
457	MCHE102	Organic Chemistry	✓	√	√	√
458	MCHE103	Physical Chemistry	✓	$\checkmark$	$\checkmark$	$\checkmark$
459	MCHE104	Analytical Techniques & Spectroscopy-I	√	√	$\checkmark$	√
460	MCHE111	Inorganic Chemistry Pr	✓	<b>√</b>	✓	√

4.61	MOHELLO	o di di p	1	1	1	1
461	MCHE112	Organic Chemistry Pr	√	√	√	√
462	MCHE113	Physical Chemistry Pr	✓	✓	√	√
463	MAOC101	Communicative English & Soft Skills	-	-	-	-
464	MCHE201	Inorganic Chemistry	<b>√</b>	<b>√</b>	√	√
465	MCHE202	Organic Chemistry	✓	√	√	<b>√</b>
466	MCHE203	Physical Chemistry	✓	✓	√	✓
467	MCHE204	Analytical Techniques and Spectroscopy-II	√	✓	√	✓
468	MCHE211	Inorganic Chemistry Pr	√	√	√	✓
469	MCHE212	Organic Chemistry Pr	√	√	√	✓
470	MCHE213	Physical Chemistry Pr	√	✓	√	√
471	MAOC201A	Basics of Computer Science	-	-	-	-
472	MNUT101	Human Physiology	✓	✓	√	√
473	MNUT102	Nutritional Biochemistry-I	$\checkmark$	$\checkmark$	$\checkmark$	√
474	MNUT112	Nutritional Biochemistry-I PR	$\checkmark$	$\checkmark$	$\checkmark$	√
475	MNUT103	Food science	$\checkmark$	✓	$\checkmark$	✓
476	MNUT104	Public Health and Community Nutrition	✓	✓	✓	√
477	MNUT105	Nutraceuticals and Nutrigenomics	✓	✓	✓	✓
478	MNUT106	Food product Development and Entreprene	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
479	MAOC101	English and Soft skills	<b>√</b>	<b>√</b>	✓	<b>√</b>
480	MNUT201	Medical Nutrition Management-I	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
481	MNUT211	Medical Nutrition Management-I Pr	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
482	MNUT202	Nutritional Biochemistry-II	√	√	√	√
483	MNUT212	Nutritional Biochemistry-II Pr	√	√	√	√
484	MNUT203	Food Safety and Quality Control	√	√	√	√
485	MNUT213	Food Safety and Quality Control Pr	√	√	√	√
486	MNUT204	Research Methodology and Statistics	√	√	√	<b>√</b>
487	MAOC201	Computer Applications	√	√	√	<b>√</b>
488	MBA101	Management and Organizational Behavior	√ √	√ √	√	_
489	MBA102	Financial Statement, Analysis and Reportin		√ √	√	<b>√</b>
490	MBA103	Marketing Management	√ √	√ √	√ _/	_
491	MBA104B	Business Statistics for Decision Making	√ √	√ √	V	-
492	MBA105B	Managerial Economics	√ √	√ _	- √	_
493		Indian Ethos and Culture	√ √		√ √	-
493	MAOC101			√		-
	MBA201	Human Resource Management	√	√	√	-
495	MBA202	Corporate Finance	√ √	√	√	-
496	MBA203	Research Methodology	•	√	-	-
497	MBA204B	Entrepreneurship and Small Business Mana		√	√	-
498	MBA205B	IT for Managers	√	√	√	√
499	MAOC201	Career Edge for Young Professionals	√	√	√	-
500	MBA216	Comprehensive Viva Voce	√	√	-	-
501	MCAN101	Mathematical Foundations of Computer Sci		√	√	√
502	MCAN102	Data Structures using C	√	√	✓	√
503	MCAN103	Object Oriented Programming using Java	✓	✓	√	✓
504	MCAN104	Computer Architecture	√	√	√	√
505	MCAN105	Probability & Statistics	√	√	√	√
506	MCAN106	Managerial Economics and Accountancy	√	✓	√	✓
507	MAOC111	Soft Skills Lab	✓	✓	√	✓
508	MCAN112	Data Structures using C Lab	✓	✓	√	✓
509	MCAN113	Java Programming Lab	√	$\checkmark$	$\checkmark$	✓
510	MCAN201	Operating Systems	√	$\checkmark$	$\checkmark$	✓
511	MCAN211	Operating Systems Lab	✓	$\checkmark$	✓	✓
512	MCAN202	Database Management System	✓	✓	√	✓
	MCAN212	Database Management System Lab	✓	✓	√	✓

514	N (C 4 N 1000	D : 14 1 : C41 ::1	1	1	,	1
514	MCAN203	Design and Analysis of Algorithms	√	√	√	√
515	MCAN204	Artificial Intelligence	√ √	√	√	√
516	MCAN214	Artificial Intelligence with Python Lab		√	√	√
517	MCAN205	Machine Learning	√	√	√	√
518	MCAN206	Operations Research	√	√	√	√
519	MAOC201	Fundamentals of Digital Marketing	√	√	√	√
520	DNUT101	Clinical Nutrition-I	√	√	√	<b>√</b>
521	DNUT102	Clinical Nutrition-II	√	√	√	<b>√</b>
522	DNUT103	Physiology	√	√	√	<b>√</b>
523	DNUT104	Dietetic Techniques, Patient Counselling ar		√	√	<b>√</b>
524	DNUT111	Clinical Nutrition-I Pr	✓	<b>√</b>	<b>√</b>	✓
525	DNUT112	Clinical Nutrition-II Pr	√	√	√	<b>√</b>
526	MAOC101A	Communicative English and Soft Skills	✓	<b>√</b>	<b>√</b>	<b>√</b>
527	DNUT201	Public Health and Epidemiology	✓	✓	✓	√
528	INTP211	Hospital Internship	√	✓	✓	√
529	DDAT101	Statistical Techniques for Data Analytics	-	-	-	-
530	DDAT102	Predictive Modelling	-	-	-	-
531	DDAT103	Machine Learning	-	-	-	-
532	DDAT104	Python for Data Analytics	-	-	-	-
533	DDAT111	Statistical Techniques for Data Analytics Pl	-	-	-	-
534	DDAT112	Predictive Modelling PR	-	-	-	-
535	DDAT113	Machine Learning PR	-	-	-	-
536	DDAT114	Python for Data Analytics PR	-	-	-	-
537	DDAT201	EDA and Business Intelligence	-	-	-	-
538	DDAT211	EDA and Business Intelligence Pr	-	-	-	-
539	DDAT202	Deep Learning	-	-	-	-
540	DDAT212	Deep Learning Pr	-	-	-	-
541	DPSY101	Counselling Theories	$\checkmark$	$\checkmark$	$\checkmark$	-
542	DPSY111	Personality Testing Pr	$\checkmark$	-	-	-
543	DPSY102	Counselling Skills	$\checkmark$	$\checkmark$	$\checkmark$	-
544	DPSY112	Psychological Testing Pr	$\checkmark$	$\checkmark$	$\checkmark$	-
545	DPSY103	Psychopathology	$\checkmark$	-	-	-
546	DPSY104	Research Methodology in Psychology	$\checkmark$	-	-	-
547	DPSY201	Family & Marital Counselling	$\checkmark$	$\checkmark$	$\checkmark$	-
548	DPSY202	School & Corporate Counselling	$\checkmark$	$\checkmark$	$\checkmark$	-
549	DPSY213	Project (Outdoor activity based course)	✓	-	-	-
550	DPSY214	Internship-Observer ship & Case Study	✓	-	-	-
551	MAOC201	Campus Recruitment Training	-	-	-	-
552	INTP213	Capstone Project/Internship	-	-	-	-
		Research Methodologies & Statistical				
553	MCOM301	Analysis	✓	√	√	✓
554	MCOM302	E-Commerce	✓	√	-	√
555	MCOM303	Cost Accounting & Control	✓	√	-	-
556	MCOM304	International Financial Management	✓	✓	-	✓
557	MCOM305	Security Analysis & Portfolio Management	✓	✓	-	√
		Basic Mathematics, Applications of				
		Mathematics,				
		Executive Communication,				
		Entrepreneurship and				
		Management of MSME's, Environment				
558	MIDC301	Management, Needful Nutrition	✓	$\checkmark$	$\checkmark$	$\checkmark$
_						

559	SMNR311	Seminar	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
339	SWINKSTT	Quantitative Techniques for Business	V	V	V	V
560	MCOM401	Decisions Decisions	✓	<b>√</b>	<b>√</b>	_
561	MCOM402	Business and Corporate Taxation	√	√	√	_
562	MCOM403	Strategic Management	√	√	√	<b>√</b>
563	MCOM404	Financial Services	√	√	√	-
564	MCOM405	Financial Derivatives	√	<b>√</b>	_	<b>√</b>
565	PRJT411	Project Work	√	<b>√</b>	_	-
566	SMNR411	Seminar	√	√	<b>√</b>	<b>√</b>
200		Synthetic Reagents Advanced NMR-	•	,	,	•
567	MCHE301	Conformational Analysis and ORD	$\checkmark$	<b>√</b>	<b>√</b>	$\checkmark$
568	MCHE302	Modern Organic Synthesis	<b>√</b>	√	√	<b>√</b>
569	MCHE303A	Polymer & Dye Chemistry	<b>√</b>	√	√	<b>√</b>
570	MCHE304A	Biomolecules	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
571	MCHE311	Synthesis of Organic Compounds Pr	-	-	-	-
		Synthesis of Organic Molecules &				
572	MCHE312	Isolation of Natural Products Pr	$\checkmark$	$\checkmark$	$\checkmark$	✓
573	MIDC301	Environment Management	$\checkmark$	√	$\checkmark$	$\checkmark$
574	MCHE401	Drug Design and Drug Discovery	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
575	MCHE402	Drug Synthesis and Mechanism of Action	✓	√	√	✓
576	MCHE403A	Advanced Heterocyclic Chemistry	✓	√	√	√
577	MCHE404A	Advanced Natural Products	✓	√	√	√
570	N COLUMN ALL	Spectroscopic Identification of Organic	,	,	,	,
578	MCHE411	Compounds and Chromatography Pr	√	√	√	√
579	MCHE412	Synthesis and Analysis of Drugs Pr	✓	√	√	√
500	MAILUT201	Dietetic Techniques and Patient	,	,	,	,
580 581	MNUT301 MNUT302	Counselling	√	√	√	√
582		Medical Nutrition Management-II	- ✓	- ✓	- ✓	- √
	MNUT312 MNUT303	Medical Nutrition Management-II PR				
583 584	MNUT313	Nutrition for Special Groups Dissertation	√ √	√ √	√ √	√ √
304	WINU 1313		V	V	V	V
		Entrepreneurship and Small Business Management,				
		Environment Management, Needful				
		Nutrition,				
585	MIDC301	Executive Communication	$\checkmark$	<b>√</b>	<b>√</b>	<b>√</b>
586	MNUT401	Food Service Management	√	√	√	√
587	MNUT402A	Diabetes Patient Education	<b>√</b>	√	√	<b>√</b>
588	INTP411	Hospital Internship	<b>√</b>	√	√	<b>√</b>
589	MBA301	Operations Management	√	√	√	√
590	MBA302	Operations Research	<b>√</b>	√	√	<b>√</b>
591	MBA303	Logistics Management	<b>√</b>	<b>√</b>	<b>√</b>	-
		DSE-IFinance-Derivatives Management,				
		Marketing-Product & Brand Management,				
		Human Resource-Compensation				
		Management, Systems-Management		1,		
592	MBA304	Information System	✓	✓	-	-

	T					
		DSE-IIFinance-International Finance,				
		Marketing-Advertising &				
		Promotion, Human Resource-				
		Organizational Development, Systems-				
593	MBA305	Business Analytics	√	√	√	-
594	MBA316	Project Work Tutorial / Case study	√	✓	✓	-
		Basic Mathematics, Applications of				
		Mathematics,				
		Executive Communication,				
		Entrepreneurship and				
		Management of MSME's, Environment				
595	MIDC301	Management, Needful Nutrition	√	√	√	√
596	MBA401	Strategic Management	√	√	-	-
597	MBA402	e-Business	√	√	-	-
598	MBA403	Crisis & Disaster Management	$\checkmark$	$\checkmark$	√	$\checkmark$
		DSE-IIIFinance-Security Analysis and				
		Portfolio Management, Marketing-				
		Consumer Behavior,				
		Human Resource-Performance				
		Management, Systems-Data Base				
599	MBA404	Management Systems	✓	✓	√	√
		DSE-IVFinance-Banking and Insurance,				
		Marketing-Services Marketing,				
		Human Resource-Labour Laws and				
		Employee Relations, Systems-Enterprise				
600	MBA405	Resource Planning	√	√	√	-
601	PRJT416	Project Work & Viva Voce	√	√	√	-
602	MCAN301	Software Engineering	√	√	√	-
603	MCAN311	Software Engineering Lab	√	√	✓	-
604	MCAN302	Computer Networks	$\checkmark$	$\checkmark$	$\checkmark$	√
605	MCAN312	Computer Networks Lab	$\checkmark$	$\checkmark$	$\checkmark$	√
606	MCAN303	Data Science	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
607	MCAN313	Data Science Lab	<b>√</b>	<b>√</b>	✓	✓
608						/
	MCAN304	Web Technologies	<b>√</b>	<b>√</b>	✓	√
609	MCAN304 MCAN305A	Web Technologies Information Security		√ √	√ √	√ √
			<b>√</b>			
609	MCAN305A	Information Security	√ √	<b>√</b>	<b>√</b>	<b>√</b>
609 610	MCAN305A MCAN306D	Information Security Natural Language Processing	√ √ √	√ √	√ √	√ √
609 610 611	MCAN305A MCAN306D SPIN307	Information Security Natural Language Processing Summer Internship Big data Analytics	\frac{1}{\sqrt{1}}	√ √ √	\frac{1}{\sqrt{1}}	√ √ √
609 610 611 612 613	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}}	\frac{1}{} \frac{1}{} \frac{1}{}	\frac{1}{}
609 610 611 612 613 614	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{4}	\frac{1}{\sqrt{1}}
609 610 611 612 613	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}}	\frac{1}{} \frac{1}{} \frac{1}{}	\frac{1}{}
609 610 611 612 613 614 615	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqr
609 610 611 612 613 614	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{4}	\frac{1}{\sqrt{1}}
609 610 611 612 613 614 615	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}
609 610 611 612 613 614 615 616	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work Environmental Science Gender Sensitization	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqr
609 610 611 612 613 614 615 616	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B AECC 101B/202A AECC 202C	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work  Environmental Science  Gender Sensitization Basic Computer Skills	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}
609 610 611 612 613 614 615 616 617 618 619	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B AECC 101B/202A AECC 202C AECC 303	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work  Environmental Science  Gender Sensitization Basic Computer Skills Science & Environment	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}
609 610 611 612 613 614 615 616 617 618 619 620	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B AECC 202C AECC 303 AECC 404A	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work  Environmental Science  Gender Sensitization Basic Computer Skills Science & Environment Computer Skills	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}
609 610 611 612 613 614 615 616 617 618 619 620 621	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B AECC 202C AECC 303 AECC 404A AECC 404B	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work  Environmental Science  Gender Sensitization Basic Computer Skills Science & Environment Computer Skills Human Rights	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}
609 610 611 612 613 614 615 616 617 618 619 620	MCAN305A MCAN306D SPIN307 MCAN401B MCAN402A MCAN303D PROJN411 AECC 101A/202B AECC 202C AECC 303 AECC 404A	Information Security Natural Language Processing Summer Internship Big data Analytics Cyber Security Organization Behaviour Project work  Environmental Science  Gender Sensitization Basic Computer Skills Science & Environment Computer Skills	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqr	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}} \frac{1}{\sqrt{1}}

624	CCA601	Community Theatre	<b>√</b>	_	_	_
625	CCA601	Consumer Education and Awareness	<b>√</b>	_		_
626	CCA601	Environment Education	<b>√</b>	_	_	_
627	CCA601	Innovate To Enterprise	√ -√	-	-	-
027	CCA001	Monuments, Culture & Tradition of	V	-	-	-
628	CCA601	Telangana	<b>√</b>	_	_	_
629	CCA601	NCC	<b>√</b>	_	_	_
630	CCA601	NGO Management	<b>√</b>	_	_	_
631	CCA601	NSS	<b>√</b>	_	_	-
632	CCA601	Outreach	√ √	_	_	_
633	CCA601	Physical Education	<b>√</b>	-	-	-
634	Certificate Course	Tally certificate course on GST, TDS	√ √	-	-	-
034	Certificate Course	Tany certificate course on GS1, 1D3	V	-	-	-
635	COC401	Advanced Ms Excel and R-Programming	<b>√</b>	_	_	_
636	COC401	Anchoring And News Reading	√	-	-	-
637	COC401	Aquarium Maintenance	√	-	-	-
638	COC401	Arabic Translation and Phonetics	<b>√</b>	_	_	_
639	COC401	Artificial Intelligence	<b>√</b>	_	_	_
640	COC401	Baking Techniques	<b>√</b>	_	_	_
0+0	COC+01	Daking Techniques	V	-	-	-
641	COC401	Beginners Course in Machine Learning	<b>√</b>	_	_	_
642	COC401	Clinical Cytogenetics	√	-	-	-
0.2	000.01	Communication Skills	,			
643	COC401	&Prof.Effectiveness	$\checkmark$	_	_	_
644	COC401	Culinary Techniques	√	-	-	-
645	COC401	Design Thinking as a Skill	√	-	-	-
646	COC401	Digital Marketing	√	_	-	-
647	COC401	Disaster Management	√	-	-	-
648	COC401	Entrepreneurship Development Skills	<b>√</b>	_	_	_
649	COC401	General Mathematics	<b>√</b>	_	_	_
0.15	000.01	Health and Wellbeing through Ayurveda,	,			
650	COC401	Yoga and Meditation	$\checkmark$	_	_	-
651	COC401	Herbal Medicine and Beauty Care	√	-	-	-
- 001		International Travel & Tourism				
652	COC401	Management	<b>√</b>	-	-	-
653	COC401	Interpersonal Communication	<b>√</b>	-	-	-
654	COC401	Media Communication	<b>√</b>	-	-	-
655	COC401	Medical Coding	√	-	-	-
656	COC401	Medical Lab Technology	√	-	-	-
657	COC401	Nutrition and Fitness	√	-	-	-
658	COC401	Python Programming	√	-	-	-
659	COC401	Retail Management	√	-	-	-
660	COC401	Robotics	<b>√</b>	-	-	-
661	COC401	Sociology of Culture	<b>√</b>	-	-	-
662	COC401	Textiles and Dyeing	<b>√</b>	-	-	-
663	COC401	Women and Career and Growth	√ √	-	-	-
664	COC401	Women Studies	<b>√</b>	-	-	-
665	IDC501	Arabic - Functional Arabic	<b>√</b>	-	-	-
666	IDC501	BBM - Managerial Communication	<b>√</b>	-	-	-
667	IDC501	BBM - Project Management	<b>√</b>	-	-	-
307		Biochemistry &Genetics - Health and	•			
668	IDC501	Biomarkers	<b>√</b>	_	_	-
669	IDC501	Biotechnology-Plant Tissue Culture	√	-	-	-
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Botany - Home Gardening and   Landscaping	10.0						
671         IDC501         Chemistry - Research Methodology         ✓         ✓           672         IDC501         Commerce - E Commerce         ✓         ✓           673         IDC501         Commerce - Investment Management         ✓         ✓           674         IDC501         Commerce - Talent and Knowledge         ✓           674         IDC501         Computer Science - FOSS tools         ✓         ✓           675         IDC501         Economics - Telangana Economy         ✓         -           676         IDC501         English - Creative Writing         ✓         -           678         IDC501         French - Spoken French for Beginners         ✓         -           679         IDC501         History - South Indian Heritage         ✓         -           680         IDC501         History - South Indian Heritage         ✓         -           681         IDC501         Matcrobiology - Microbiology for Health         And Health         ✓         -           682         IDC501         Nutrition - Needful Nutrition         ✓         -         -           683         IDC501         Political Science - Indian Constitution         ✓         -         -           684			Botany - Home Gardening and				
672   IDC501   Commerce - E Commerce   V   -   673   IDC501   Commerce - Investment Management   V   -   674   IDC501   Management   V   -   675   IDC501   Computer Science - FOSS tools   V   -   676   IDC501   Economics - Telangana Economy   V   -   677   IDC501   English - Creative Writing   V   -   678   IDC501   English - Creative Writing   V   -   679   IDC501   English - Creative Writing   V   -   679   IDC501   History - South Indian Heritage   V   -   679   IDC501   Mathematics - Mathematics for   680   IDC501   Competetive Exams   V   -   681   IDC501   Murition - Needful Nutrition   V   -   682   IDC501   Nutrition - Needful Nutrition   V   -   683   IDC501   Photography   V   -   684   IDC501   Political Science - Indian Constitution   V   -   685   IDC501   Public Administration - Good Governance   V   -   686   IDC501   Public Administration - Good Governance   V   -   687   IDC501   Analysis   V   -   688   IDC501   Telangana Economy   V   -   689   IDC501   Telangana Economy   V   -   690   IDC501   Telugu - Journalism in Telugu   V   -   691   IDC501   English & Soft skills   V   -   692   MAOC101   Indian Ethos & Culture   V   -   693   MAOC101   English & Soft skills   V   -   694   MAOC201   English & Soft skills   V   -   695   MAOC201   Basics of Computer Science   V   -   698   MAOC201   Erect Skills & Well being   V   -   699   MAOC201   Life Skills & Well being   V   -   690   MAOC201   Life Skills & Well being   V   -   690   MAOC201   Executive Communication   V   -	_				-	-	-
Commerce - Investment Management	_				-	-	-
Commerce - Talent and Knowledge	ΙĽ	DC501	Commerce - E Commerce		-	-	-
674         IDC501         Management         ✓         ✓         −           675         IDC501         Computer Science - FOSS tools         ✓         −           676         IDC501         Economics - Telangana Economy         ✓         −           677         IDC501         English - Creative Writing         ✓         −           678         IDC501         French - Spoken French for Beginners         ✓         −           679         IDC501         History - South Indian Heritage         ✓         −           680         IDC501         Mathematics - Mathematics for         Competetive Exams         ✓         −           681         IDC501         And Wealth         ✓         −           682         IDC501         Nutrition - Needful Nutrition         ✓         −           683         IDC501         Photography         ✓         −           684         IDC501         Political Science - Indian Constitution         ✓         −           685         IDC501         Public Administration - Good Governance         ✓         −           686         IDC501         Public Administration - Good Governance         ✓         −           687         IDC501         Analys	IΓ	DC501	Commerce - Investment Management	$\checkmark$	-	-	-
675         IDC501         Computer Science - FOSS tools         ✓         ✓           676         IDC501         Economics - Telangana Economy         ✓         ✓           677         IDC501         English - Creative Writing         ✓         ✓           678         IDC501         French - Spoken French for Beginners         ✓         ✓           679         IDC501         History - South Indian Heritage         ✓         ✓           680         IDC501         Competetive Exams         ✓         ✓           681         IDC501         Andthematics - Mathematics for         Competetive Exams         ✓         ✓           681         IDC501         And Wealth         ✓         ✓         -           682         IDC501         Nutrition - Needful Nutrition         ✓         -         -           682         IDC501         Putrical Science - Indian Constitution         ✓         -         -           683         IDC501         Public Administration - Good Governance         ✓         -         -           684         IDC501         Public Administration - Good Governance         ✓         -         -           685         IDC501         Public Administration - Good Governance         <			Commerce - Talent and Knowledge				
676         IDC501         Economics - Telangana Economy         ✓         -           677         IDC501         English - Creative Writing         ✓         -           678         IDC501         French - Spoken French for Beginners         ✓         -           679         IDC501         History - South Indian Heritage         ✓         -           680         IDC501         Mathematics - Mathematics for         Competetive Exams         ✓         -           681         IDC501         Microbiology - Microbiology for Health and Wealth         ✓         -         -           682         IDC501         Nutrition - Needful Nutrition         ✓         -         -           683         IDC501         Photography         ✓         -         -           684         IDC501         Political Science - Indian Constitution         ✓         -         -           685         IDC501         Psychology - Positive Psychology         ✓         -         -           686         IDC501         Public Administration - Good Governance         ✓         -         -           687         IDC501         Ancient Medicinal Systems         ✓         -         -           688         IDC501	ΙI	DC501	Management	✓	-	-	-
677   IDC501   English - Creative Writing   V   -	IΓ	DC501	Computer Science - FOSS tools	✓	-	-	-
678         IDC501         French - Spoken French for Beginners         ✓         ✓         −           679         IDC501         History - South Indian Heritage         ✓         ✓         −           680         IDC501         Competetive Exams         ✓         −           681         IDC501         Microbiology - Microbiology for Health and Wealth         ✓         −           682         IDC501         Nutrition - Needful Nutrition         ✓         −           683         IDC501         Photography         ✓         −           684         IDC501         Political Science - Indian Constitution         ✓         −           685         IDC501         Psychology - Positive Psychology         ✓         −           686         IDC501         Public Administration - Good Governance         ✓         −           687         IDC501         Public Administration - Good Governance         ✓         −           688         IDC501         Public Administration - Good Governance         ✓         −           687         IDC501         Analysis         ✓         −           688         IDC501         Analysis         ✓         −           689         IDC501         Te	IΓ	DC501	Economics - Telangana Economy	✓	-	-	-
678   IDC501   French - Spoken French for Beginners   √   − −	ΙΓ	DC501	English - Creative Writing	<b>√</b>	-	-	-
Mathematics - Mathematics for   Competetive Exams   √   -	ΙΓ	DC501	French - Spoken French for Beginners	<b>√</b>	-	-	-
Mathematics - Mathematics for   Competetive Exams   √   -	ΙΓ	DC501		<b>√</b>	-	-	-
Microbiology - Microbiology for Health and Wealth   V   -	T						
Microbiology - Microbiology for Health and Wealth  682 IDC501 Nutrition - Needful Nutrition  Physics & Electronics - Digital Photography Photography Photography Photography Photography Political Science - Indian Constitution  684 IDC501 Political Science - Indian Constitution Psychology - Positive Psychology Psychology - Positive Psychology Public Administration - Good Governance Sanskrit - Nutritional Psychosomatics and Ancient Medicinal Systems Ancient Medicinal Systems Statistics - Basic Statistics and Data Analysis Palagana Economy Palagana	ΙΙ	DC501	I and the second	✓	-	-	-
681 IDC501   and Wealth   √   − − − − − − − − − − − − − − − − −	T						
IDC501   Nutrition - Needful Nutrition    -	ΙΓ	DC501		✓	-	_	-
Physics & Electronics - Digital Photography Photography Photography Political Science - Indian Constitution Psychology - Positive Psychology Psychology - Positive Psychology Public Administration - Good Governance Sanskrit - Nutritional Psychosomatics and Ancient Medicinal Systems Statistics - Basic Statistics and Data Analysis Pictor Political Science - Indian Constitution Psychology Positive Psycholog	-				-	-	-
10C501	t						
Box	ΙΙ	DC501		✓	-	_	-
Box	_				-	-	-
Sanskrit - Nutritional Psychosomatics and Ancient Medicinal Systems	-					_	_
Sanskrit - Nutritional Psychosomatics and Ancient Medicinal Systems  Statistics - Basic Statistics and Data Analysis  688 IDC501 Analysis  Felangana Economy  Felugu - Journalism in Telugu  Felugu - Jelugu - J	11	DC301	1 sychology 1 oshive 1 sychology	V			
Sanskrit - Nutritional Psychosomatics and Ancient Medicinal Systems  Statistics - Basic Statistics and Data Analysis  688 IDC501 Analysis  Felangana Economy  Felugu - Journalism in Telugu  Felugu - Jelugu - J	IL	DC501	Public Administration - Good Governance	./	_	_	_
687         IDC501         Ancient Medicinal Systems         ✓         ✓           688         IDC501         Analysis         ✓         ✓           689         IDC501         Telangana Economy         ✓         ✓           690         IDC501         Telugu - Journalism in Telugu         ✓         ✓           691         IDC501         Zoology - Women and Health         ✓         ✓           692         MAOC101         Indian Ethos & Culture         ✓         ✓           693         MAOC101         Communicative Skills         ✓         ✓           694         MAOC101         English & Soft skills         ✓         -           695         MAOC101         Soft Skills-Lab         ✓         -           696         MAOC201         Career Skills - Online Course by TCS         ✓         -           697         MAOC201         Basics of Computer Science         ✓         -           698         MAOC201         Fundamentals of digital Marketting         ✓         -           699         MAOC201         Life Skills & Well being         ✓         -           700         MAOC201         (SPSS)         ✓         -           701         MID	F	D C 3 0 1		V			
Statistics - Basic Statistics and Data Analysis  688 IDC501	IL	DC501		<u> </u>	_	_	_
688 IDC501         Analysis         ✓         -           689 IDC501         Telangana Economy         ✓         -           690 IDC501         Telugu - Journalism in Telugu         ✓         -           691 IDC501         Zoology - Women and Health         ✓         -           692 MAOC101         Indian Ethos & Culture         ✓         -           693 MAOC101         Communicative Skills         ✓         -           694 MAOC101         English & Soft skills         ✓         -           695 MAOC101         Soft Skills-Lab         ✓         -           696 MAOC201         Career Skills - Online Course by TCS         ✓         -           697 MAOC201         Basics of Computer Science         ✓         -           698 MAOC201         Fundamentals of digital Marketting         ✓         -           699 MAOC201         Life Skills & Well being         ✓         -           700 MAOC201         (SPSS)         ✓         -           701 MIDC301         Executive Communication         ✓         -		2001		•			
689         IDC501         Telangana Economy         ✓         -           690         IDC501         Telugu - Journalism in Telugu         ✓         -           691         IDC501         Zoology - Women and Health         ✓         -           692         MAOC101         Indian Ethos & Culture         ✓         -           693         MAOC101         Communicative Skills         ✓         -           694         MAOC101         English & Soft skills         ✓         -           695         MAOC101         Soft Skills-Lab         ✓         -           696         MAOC201         Career Skills - Online Course by TCS         ✓         -           697         MAOC201         Basics of Computer Science         ✓         -           698         MAOC201         Fundamentals of digital Marketting         ✓         -           699         MAOC201         Life Skills & Well being         ✓         -           700         MAOC201         (SPSS)         ✓         -           701         MIDC301         Executive Communication         ✓         -	IL	DC501	I	<u> </u>	_	_	_
690         IDC501         Telugu - Journalism in Telugu         ✓         -           691         IDC501         Zoology - Women and Health         ✓         -           692         MAOC101         Indian Ethos & Culture         ✓         -           693         MAOC101         Communicative Skills         ✓         -           694         MAOC101         English & Soft skills         ✓         -           695         MAOC101         Soft Skills-Lab         ✓         -           696         MAOC201         Career Skills - Online Course by TCS         ✓         -           697         MAOC201         Basics of Computer Science         ✓         -           698         MAOC201         Fundamentals of digital Marketting         ✓         -           699         MAOC201         Life Skills & Well being         ✓         -           700         MAOC201         (SPSS)         ✓         -           701         MIDC301         Executive Communication         ✓         -	-				-	-	-
691 IDC501         Zoology - Women and Health         ✓         -           692 MAOC101         Indian Ethos & Culture         ✓         -           693 MAOC101         Communicative Skills         ✓         -           694 MAOC101         English & Soft skills         ✓         -           695 MAOC101         Soft Skills-Lab         ✓         -           696 MAOC201         Career Skills - Online Course by TCS         ✓         -           697 MAOC201         Basics of Computer Science         ✓         -           698 MAOC201         Fundamentals of digital Marketting         ✓         -           699 MAOC201         Life Skills & Well being         ✓         -           700 MAOC201         (SPSS)         ✓         -           701 MIDC301         Executive Communication         ✓         -	-				_	-	-
692         MAOC101         Indian Ethos & Culture         ✓         -           693         MAOC101         Communicative Skills         ✓         -           694         MAOC101         English & Soft skills         ✓         -           695         MAOC101         Soft Skills-Lab         ✓         -           696         MAOC201         Career Skills - Online Course by TCS         ✓         -           697         MAOC201         Basics of Computer Science         ✓         -           698         MAOC201         Fundamentals of digital Marketting         ✓         -           699         MAOC201         Life Skills & Well being         ✓         -           700         MAOC201         (SPSS)         ✓         -           701         MIDC301         Executive Communication         ✓         -	_				_	_	_
693 MAOC101 Communicative Skills   694 MAOC101 English & Soft skills   695 MAOC101 Soft Skills-Lab   696 MAOC201 Career Skills - Online Course by TCS   697 MAOC201 Basics of Computer Science   698 MAOC201 Fundamentals of digital Marketting   699 MAOC201 Life Skills & Well being   700 MAOC201 (SPSS)   701 MIDC301 Executive Communication   7 -   7	-				-	-	_
694 MAOC101 English & Soft skills   695 MAOC101 Soft Skills-Lab  696 MAOC201 Career Skills - Online Course by TCS   697 MAOC201 Basics of Computer Science  698 MAOC201 Fundamentals of digital Marketting   699 MAOC201 Life Skills & Well being   700 MAOC201 (SPSS)  701 MIDC301 Executive Communication  √ -   7 -	-					_	-
695 MAOC101 Soft Skills-Lab	-					_	_
696 MAOC201 Career Skills - Online Course by TCS   697 MAOC201 Basics of Computer Science   698 MAOC201 Fundamentals of digital Marketting   699 MAOC201 Life Skills & Well being   700 MAOC201 (SPSS)  701 MIDC301 Executive Communication   7 -   7	-						
697 MAOC201 Basics of Computer Science   698 MAOC201 Fundamentals of digital Marketting   699 MAOC201 Life Skills & Well being   5tatistical Package for Social Sciences  700 MAOC201 (SPSS)   701 MIDC301 Executive Communication   √ -	-						<u>-</u>
698 MAOC201 Fundamentals of digital Marketting   699 MAOC201 Life Skills & Well being   Statistical Package for Social Sciences  700 MAOC201 (SPSS)    701 MIDC301 Executive Communication   √ -	-		· · · · · · · · · · · · · · · · · · ·		-	-	-
699 MAOC201 Life Skills & Well being   Statistical Package for Social Sciences  700 MAOC201 (SPSS)   √ -  701 MIDC301 Executive Communication  √ -	_				-	-	-
700 MAOC201 Statistical Package for Social Sciences √ - 701 MIDC301 Executive Communication ✓ -	_				-	-	-
700         MAOC201         (SPSS)         ✓         -           701         MIDC301         Executive Communication         ✓         -	IVI	VIAUC201		V	-	-	-
701 MIDC301 Executive Communication ✓ -		/A OC201		,			
	_					-	-
702 MIDC301 Environment Management  √ -	_					-	-
	M	MIDC301	Environment Management	√	-	-	-
702 MED C201		HD C201	M. IMP. G. HG. L.F.	,			
703 MIDC301 Micro and Medium Small Scale Enterprise  -	_		·		-	-	-
704 MIDC301 Needful Nutrition ✓ -	M	MIDC301	I .	√	-	-	-
Career Edge for Young Professionals by		1000		,			
705 MOOCs TCSION \( \sqrt{-} \)	_				-	-	-
706 SOC201 Bible Foundation Course ✓ -	_				-	-	-
707 SOC201 Calligraphy ✓ -	_				-	-	-
708 SOC201 Cosmetology ✓ -	_				-	-	-
709 SOC201 Design Thinking as a Skill ✓ -	_				-	-	-
710 SOC201 Embroidery ✓ -	S	SOC201		√	-	-	-
711 SOC201 Fabric Painting ✓ -	_			√	-	-	-
712 SOC201 Fashion Designing ✓ -	S	SOC201	Fashion Designing	<b>√</b>	-	-	-

713	SOC201	Foreign language - German	<b>√</b>	-	-	-
714	SOC201	Glass Painting	<b>√</b>	-	-	-
715	SOC201	Handicrafts	✓	-	-	-
716	SOC201	Happiness	<b>√</b>	-	-	-
717	SOC201	Herbal Medicine & Beauty Care	<b>√</b>	-	-	-
718	SOC201	Home Decoration	✓	-	-	-
719	SOC201	Interview Skills	✓	-	-	-
720	SOC201	Music - Vocal	<b>√</b>	-	-	-
721	SOC201	Office Management	✓	-	-	-
722	SOC201	Oil Painting	✓	-	-	-
723	SOC201	Pencil Sketching and Shading	✓	-	-	-
		Professional Image Building and Business				
724	SOC201	Etiquette	$\checkmark$	-	-	-
725	SOC201	Self Defence	$\checkmark$	-	-	-
726	SOC201	Urdu Qaida Course	$\checkmark$	-	-	-
727	SOC201	Web-designing	$\checkmark$	-	-	-
728	SOC201	Western Dance	$\checkmark$	-	-	-
			632	508	487	493
728			87	70	67	68