NEW EDUCATION POLICY INITIATIVES

CURRICULUM FRAMEWORK FOR FOUR-YEAR UNDER GRADUATE PROGRAM IN COMMERCE

{COMMON FRAMEWORK FOR ALL B.COM. AND BBA COURSES}

DEPARTMENT OF COMMERCE

BENGALURU CITY UNIVERSITY

BENGALURU

Program Structure

B.COM – BUSINESS DATA ANALYTICS

Program Structure

Proposed Scheme of Teaching & Evaluation for B.Com – Business Data Analytics Commerce as Core subject

Semester I

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours/per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Lang.1.1	Language - I	AECC	3+1+0	70	30	100	3
2	Lang.1.2	Language – II	AECC	3+1+0	70	30	100	3
3	B.Com.1.1	Financial Accounting	DSC	3+0+2	70	30	100	4
4	B.Com.1.2	Business Dynamics & Entrepreneurship	DSC	4+0+0	70	30	100	4
5	B.Com.1.3	Business Statistics – 1	DSC	4+0+0	70	30	100	4
6	B.Com.1.4	Fundamentals of MS-EXCEL	SEC-SB	1+0+2	50	50	100	2
7	B.Com.1.5	Accounting for Everyone/Financial Literacy	OEC	3+0+0	50	50	100	3
		Sub –Total (A)			450	250	700	23

Semester II

Sl. No.	CourseCode	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
8	Lang.2.1	Language - I	AECC	3+1+0	70	30	100	3
9	Lang.2.2	Language – II	AECC	3+1+0	70	30	100	3
10	B.Com.2.1	Advanced Financial Accounting	DSC	3+0+2	70	30	100	4
11	B.Com.2.2	Business Statistics – 2	DSC	3+0+2	70	30	100	4
12	B.Com.2.3	Fundamentals of Database Management System and SQL	DSC	4+0+0	70	30	100	4
13	B.Com.2.4	Health Wellness/ Social & Emotional Learning	SEC-VB	1+0+2	-	100	100	2
14	B.Com.2.5	Environmental Studies	AECC	2+0+0	50	50	100	2
15	B.Com.2.6	Financial Environment/Investing in Stock Markets	OEC	3+0+0	50	50	100	3
		Sub –Total (B)			450	350	800	25

EXIT OPTION WITH CERTIFICATION – with ability to solve well defined problems

Semester III

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
16	Lang.1.1	Language - I	AECC	3+1+0	70	30	100	3
17	Lang.1.2	Language – II	AECC	3+1+0	70	30	100	3
18	B.Com.3.1	Mathematics for Decision Making	DSC	3+0+2	70	30	100	4
19	B.Com.3.2	Modern Marketing	DSC	3+0+2	70	30	100	4
20	B.Com.3.3	Computer Fundamental & C – Programming (P = Practical Exam)	DSC	3+0+2	70	30	100	4
21	B.Com.3.4	Advanced - Excel	SEC	1+0+2	50	50	100	2
22	B.Com.3.5	Advertising Skills/Entrepreneurial Skills	OEC	3+0+0	50	50	100	3
Sub –Total (C)					450	250	700	23

Semester IV

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
23	Lang.1.1	Language - I	AECC	3+1+0	70	30	100	3
24	Lang.1.2	Language – II	AECC	3+1+0	70	30	100	3
25	B.Com.4.1	Introduction to R (P = Practical Exam)	DSC	3+0+2	70	30	100	4
26	B.Com.4.2	Data Science life cycle	DSC	3+0+2	70	30	100	4
27	B.Com.4.3	E – Business & Mobile Commerce	DSC	4+0+0	70	30	100	4
28	B.Com.4.4	Constitution of India	AECC	2+0+0	50	50	100	2
29	B.Com.4.5	Sports/NCC/NSS/others (if any)	SEC-VB	1+0+2	-	100	100	2
30	B.Com.4.6	Business Ethics / Corporate Governance	OEC	3+0+0	50	50	100	3
Sub –Total (D)					450	350	800	25

EXIT OPTION WITH DIPLOMA – Ability to solve broadly defined problems.

Semester V

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
31	B.Com.5.1	Income Tax –I	DSC	3+0+2	70	30	100	4
32	B.Com.5.2	Financial Analytics	DSC	3+0+2	70	30	100	4
33	B.Com.5.3	Human Resources Analytics	DSC	4+0+0	70	30	100	4
34	B.Com.5.4 Elective	Tableau - Business Intelligence	DSE - 1	3+1+0	70	30	100	3
35	B.Com.5.6 Elective	Application of Python in Business	Vocational - 1	2+0+2	70	30	100	3
36	B.Com.5.7	Cyber Security/Ethics & Self Awareness	SEC - VB	1+0+2	50	50	100	2
		Sub –Total (E)			400	200	600	20

Semester VI

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
37	B.Com.6.1	Income Tax – II	DSC	3+0+2	70	30	100	4
38	B.Com.6.2	International Financial Reporting Standards	DSC	3+0+2	70	30	100	4
39	B.Com.6.3 Elective	Data Warehousing & Data Mining	DSE – 2	3+1+0	70	30	100	3
40	B.Com.6.4 Elective	Cloud Computing & Internet of things	DSE – 3	3+1+0	70	30	100	3
41	B.Com.6.5 Elective	Marketing Analytics	DSE – 4	3+1+0	70	30	100	3
42	B.Com.6.6	Web & Social Intelligence	Vocational	2+0+2	70	30	100	3
43	B.Com.6.7	Professional Communication	SEC - SB	2+0+0	50	50	100	2
		Sub –Total (F)			470	230	700	22
		Grand Total - Degree			2670	1630	4300	138

EXIT OPTION WITH BACHELOR DEGREE -Ability to solve complex problems that are ill-structured requiring multi-disciplinary skills to solve them.

Semester VII

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
44	B.Com.7.1	International Business	DSC	4+0+0	70	30	100	4
45	B.Com.7.2	Advanced Business Statistics	DSC	3+0+2	70	30	100	4
46	B.Com.7.3	Advanced Financial Management	DSC	3+0+2	70	30	100	4
47	B.Com.7.4	One Course from the Selected Elective Group	DSE - 5	3+1+0	70	30	100	3
48	B.Com.7.5	ERP Applications	Vocational-3	2+0+2	70	30	100	3
49	B.Com.7.6	Research Methodology	-	2+0+2	70	30	100	3
		Sub –Total (G)			420	180	600	21

Semester VIII

Sl. No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
50	B.Com.8.1	Financial Reporting-IND.AS	DSC	3+0+2	70	30	100	4
51	B.Com.8.2	Strategic Financial Management	DSC	4+0+0	70	30	100	4
52	B.Com.8.3	Business Analytics OR Data Analysis & Decision Sciences	DSC	3+0+2	70	30	100	4
53	B.Com.8.4	Managing Digital Platforms	Vocational-4	2+0+2	70	30	100	3
54	B.Com.8.5	Research Projects/Internship with Viva – voce	-	-	50	50	100	6
		OR Two Courses from the Selected Elective Group 8.5 (A) & 8.5 (B)	DSE-6	3+1+0	70*	30*	100*	3*
			DSE-7	3+1+0	70*	30*	100*	3*
		Sub –Total (H)			330/ 420*	170/ 180*	500/ 600*	21/ 21*
		Grand Total – Honors			3420/ 3510*	1980/ 1990*	5400/ 5500*	180

* Students who do not opt Research Project / Internship shall take two elective courses such as 8.5 (A) & 8.5 (B).
Sub Total (H) and Grand Totals Honors vary accordingly.

BACHELOR DEGREE WITH HONORS – Experience of workplace problem solving inthe form of internship or research experience preparing for higher education or entrepreneurship experience.

Notes:
- **One Hour of Lecture is equal to 1 Credit.**
- **One Hour of Tutorial is equal to 1 Credit (Except Languages).**
- **Two Hours of Practical is equal to 1 Credit**