SRI KRISHNA ARTS AND SCIENCE COLLEGE

An Autonomous College Affiliated to Bharathiar University
Coimbatore-641008, Tamil Nadu, India.

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

B.COM Business Analytics
(I to VI Semester)

for 2024-25 admitted Students

DEPARTMENT OF COMMERCE

SRI KRISHNA ARTS AND SCIENCE COLLEGE
COIMBATORE – 641008

DEPARTMENT OF COMMERCE

(2024-2025)

I. PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)	
Graduates from the B.COM BUSINESS ANALYTICS Programme are expected to achieve the following PEOs	
PEO 1	Be knowledgeable and industry relevant, possessing operational skills in serving as well as leading the domestic & global community in the area of Commerce.
PEO 2	Acquire the information from various sources in solving the problems critically through digital platforms and demonstrate professionalism
PEO 3	Perform as a team player and develop effective communication skills with a passion for lifelong learning.
PEO 4	Become technologically competent with scientific, numerical and entrepreneurial skills in the area of Commerce

II. PROGRAMME LEARNING OUTCOMES (PLOs)	
The Graduates of B.COM BUSINESS ANALYTICS programme will be able to:	
PLO1	**Knowledge:***(Cognitive)* Describe the knowledge of Accounting and Finance concepts and functions in anintegrated manner.
PLO2	**Critical Thinking Skills:***(Cognitive)* Apply financial, corporate, cost and management accounting concepts and taxation and auditing techniques to facilitate decision making, planning and control through critical thinking skills.
PLO3	**Practical Skills:***(Psychomotor)* Demonstrate principles and techniques to formulate operational solutions to the problems concerned, with planning, resourcing, allocation, appraisal and control.
PLO4	**Teamwork Skills:***(Affective)* Develop team work skills for effective collaboration to ad hoc diverse purposes.
PLO5	**Communication Skills:***(Affective)* Compare effective oral and written communication skills in the professional context.
PLO6	**Digital Skills:***(Affective)* Use a range of IT related skills in the use of word-processing, spreadsheets, software package applications, and in accessing online databases
PLO7	**Numeracy Skills:***(Cognitive)* Elaborate accounting fundamentals and accounting specialization to find solutions tocomplex problems in business enterprises through numeracy.

PLO8	**Leadership Skills:***(Affective)* Formulate relevant financial accounting career skills, applying both quantitative andqualitative knowledge to their future careers in business by leading a team.
PLO9	**Lifelong Learning Skills:***(Affective)* Apply the accounting and financial concepts in the real time situations as a course of lifelong learning.
PLO10	**Entrepreneurial Skills:***(Affective)* Compare an entrepreneurial way of thinking that will allow them to identify andcreate business opportunities that may be commercialized successfully.
PLO11	**Ethics & Professional Skills:***(Affective)* Integrate Sensitivity towards ethical and moral issues and have ability to addressthem in the course of business.

III. PROGRAMME LEARNING OUTCOMES VS GRADUATE ATTRIBUTES VSTAXONOMY OF VERBS

PLO	Graduate Attributes Knowledge	Critical Thinking	Practical Skills	Team work	Communication skills	Digital skills	Numeracy	Leadership skills	Lifelong learning	Entrepreneurial skills	Ethics & Professionalism	Cognitive	Psychomotor	Affective
1	√											√		
2		√										√		
3			√										√	
4				√										√
5					√									√
6						√								√
7							√					√		
8								√						√
9									√					√
10										√				√
11											√			√

IV. PROGRAMME LEARNING OUTOMES VS PROGRAMME EDUCATIONAL OBJECTIVES

	PEO 1	PEO 2	PEO 3	PEO 4
PLO 1	√			
PLO 2		√		
PLO 3	√			
PLO 4			√	
PLO 5			√	
PLO 6		√		
PLO 7				√
PLO 8	√			
PLO 9			√	
PLO 10				√
PLO 11		√		

V. ADDITIONAL PROGRAMME OUTCOMES (APOs)

APO 1	The students will have an ability in the social intelligence with Social Intelligent Quotient and Emotional Quotient (**SIQ & EQ**)
APO 2	The students will be trained in virtual collaborative ability to enhance learning retention and motivation and encourage knowledge sharing and support. (**VCA**)
APO 3	They will have critical thinking and innovative skills to stay competitive in their futurecareers and excel beyond the content knowledge (**CTI**)
APO 4	They will be provided with good digital foot print in the area of commerce andaccounting in embarking lifelong learning techniques. (**GDFP**)

VI. PROGRAMME SPECIFIC OUTCOMES (PSO's)

PSO 1	Develop proficiency in the management and accounting area in decision making, planning and performance management to formulate and implement organisation strategy.
PSO 2	Practical skill set in the field of accounting, entrepreneurship and taxation with analytical and precision skills
PSO 3	Pursue professional course for higher education as a pathway of higher learning process.

VII. Mapping of PEOs with PSOs

	PSO 1	PSO 2	PSO 3
PEO 1	√		√
PEO 2		√	
PEO 3			√
PEO 4		√	

VIII. Curriculum Structure for B.Com Business Analytics

Course Components, Credits & Marks Distribution

Part No	Group	Basic Structure: Distribution of Courses	Number of Courses	Total Marks	Total Credits
I – IV	1	AEC – Ability Enhancement Courses	10	1000	24
III& IV	2	DSC – Discipline Specific Courses	15	1500	60
	3	DSE – Discipline Specific Electives	10	1000	40
	4	GEC – Generic Elective Courses	4	400	12
	5	SEC – Skill Enhancement Courses	2	100	4
IV	6	ANCC I & II – Audit Non-Credit Courses	2	Completed	
V		ANCC III – Audit Non-Credit Courses	1		
-	7	Drive Through Courses (DTCs) – (SWAYAM-NPTEL, Coursera, any courses certified by statutory bodies, etc.)	Any number	-	Additional Credits
Total				**4000**	**140**

Group 1. Ability Enhancement Courses (AECs) (10 Courses)– Part (I–IV)

AEC are the courses based upon the content that leads to knowledge enhancement. Ability Enhancement Courses (AEC) are the following:

S. No.	Course Code	Course Title	Semester	Ownership Department	Contact Hours	Marks	Credits
1	24AEC01/ 24AEC07/ 24AEC11/	**AEC Part I:** Language – I: Tamil – I-Tamil Vanam - I /Hindi – I/French – I/	I	Language	5	100	3
2	24AEC21	**AEC Part II:** English-I : Basic Business Communication	I	English	5	100	3
3	24AEC03/ 24AEC08/ 24AEC12/	**AEC Part I:** Language – II Tamil-II - Tamil Vanam –II / Hindi – II/ French – II	II	Language	5	100	3
4	24AEC23	**AEC Part II:** English-II : Advanced Business Communication	II	English	5	100	3
5	24AEC38	**AEC Part III:** Academic Skills for Commerce and Management	II	Commerce	2	100	2
6	24AEC55	**AEC Part III:** Ethics and Values in Business	III	Commerce	2	100	1
7	24AEC83	**AEC Part IV:** Communication Enhancement Course: Communication Excellence	IV	English	2	100	1
8	24AEC48	**AEC Part III:** Comprehensive Project for Commerce	IV	Commerce	-	100	4
9	24AEC75	**AEC Part III:** Business Research Methods	V	Commerce	5	100	3
10	24AEC81/ 24AEC82	**AEC Part IV:** Spoken Hindi/ Spoken Tamil	V	Language	2	100	1
Total						**1000**	**24**

Group 2. Discipline Specific Courses (DSCs)(15 Courses) – **Part III**

These courses are to be studied compulsorily by the students as a core requirement. The students are required to take DSCs across six semesters. The courses designed under this category aim to cover the basics that a student is expected to imbibe in the particular discipline. It includes major project.

S. No.	Course Code	Course Title	Semester	Contact Hours	Marks	Credits
1	24CUG01	Banking Theory Law and Practice	I	4	100	4
2	24CUG02	Financial Accounting – I	I	5	100	4
3	24CUG03	Business Mathematics	I	5	100	4
4	24CUG04	Introduction to Information Technology	II	5	100	4
5	24CUG05	Financial Accounting - II	II	6	100	4
6	24CUG06	Organization and Management	III	4	100	4
7	24CUG07	Marketing and Market Research	III	4	100	4
8	24CUG08	Corporate Accounting	III	6	100	4
9	24CUG09	Cost Accounting	IV	5	100	4
10	24CUG10	Computerized Accounting – Practical	IV	5	100	4
11	24CUG11	Business Law	IV	5	100	4
12	24CUG12	Income Tax Law and Practice	V	6	100	4
13	24CUG13	Management Accounting	VI	5	100	4
14	24CUG14	Indirect Taxes	VI	5	100	4
15	24CUG15	Project Work	VI	5	100	4
Total					**1500**	**60**

Project Work

During the Sixth semester each student should undertake a project work and submit the report. A guide will be allotted to each student by the Department. A student can select any research topic in discussion with the guide. The project report shall be subject to internal evaluation followed by a Viva-Voce. The project should be demonstrated at the time of examination.

Internal Evaluation:
Reviews (3)   – 60 Marks
Report   – 20 Marks
Attendance   – 20 Marks
Total   – 100 Marks will be converted to 40 (Internal) Marks

End Semester Viva-Voce will be conducted for 60 Marks.
(Dissertation - 40 Marks & Viva-voce - 20 Marks)

Group 3. Discipline Specific Elective (DSEs) (10 Courses) – **Part III**

Discipline Specific Elective courses offered under the main discipline of study which may be specialized or advanced or supportive to the discipline of study. Students can choose any one course from two courses each in the list of following DSEs.

S. No.	Course Code	Course Title	Ownership Department	Contact Hours	Marks	Credits
1	24CUG28A	RDBMS	Computer Science	3	50	2
	24CUG28B	Practical - RDBMS	Computer Science	2	50	2
	24CUG29A	My SQL	Computer Science	3	50	2
	24CUG29B	Practical - My SQL	Computer Science	2	50	2
2	24CBU01	Fundamentals of Business Analytics	Commerce	5	100	4
	24CBU02	Enterprise Resource Planning	Commerce			
3	24CBU03	Data Mining for Business Analytics	Computer Science	5	100	4
	24CBU04	Big Data Analytics	Computer Science			
4	24CBU05	Optimization Techniques for Analytics	Mathematics	5	100	4
	24CBU06	Data Analytics for Commerce	Mathematics			
5	24CUG20	Industrial Exposure Training	Commerce	4 Weeks	100	4
6	24CUG21	Statistical Application- Practical	Commerce	5	100	4
	24CUG22	Computational Finance using Spread Sheet- Practical	Commerce			
7	24CUG34	Corporate Finance	Commerce	5	100	4
	24CUG35	Corporate Governance and Practices	Commerce			
8	24CBU07A	Exploratory Data Analytics	Mathematics	3	50	2
	24CBU07B	Practical - Analysing Big Data with R	Mathematics	2	50	2
	24CBU08	Data Analysis using SPSS – Practical	Mathematics	5	100	4
9	24CUG37A	Python Programming	Computer Science	3	50	2
	24CUG37B	Practical - Python Programming	Computer Science	2	50	2
	24CUG38A	Linux Operating System	Computer Science	3	50	2
	24CUG38B	Practical - Linux Operating System	Computer Science	2	50	2
10	24CUG27	Security Analysis and Portfolio Management	Commerce	5	100	4
	24CUG39	Financial Derivatives	Commerce			
		Total			1000	40

Industrial Exposure Training (IET)

Students can opt for Industrial Exposure Training during fifth semester for a period of 4 weeks. The Continuous Internal Assessment mark distribution for IET is as follows:

Component	Mode of Conduct	Project Coverage	Marks
3 Reviews	Presentation	Phase by Phase	60
Work Diary	Written	Phase by Phase	20
Report	Submission	Entire Process	20
Total			**100***

*100 Marks will be converted to 40 (Internal) Marks

The end semester examination of the Industrial Exposure Training will be given based on the report and viva-voce for 60 marks, conducted by the Department.

Report: 40 Marks

Viva-voce: 20 Marks

Group 4. Generic Elective Courses (GECs)(4 Courses)– **Part III**

Generic Elective Courses are interdisciplinary in nature. They are additional courses based on expertise, specialization, requirements, scope, and need of the department.

Sl. No.	Course Code	Course Title	Semester	Ownership Department	Contact Hours	Marks	Credits
1	24GEU62	Business Economics	I	Commerce	4	100	3
	24GEU63	Macro Economics					
2	24GEU19	Business Statistics and Applications	II	Mathematics	5	100	3
	24GEU20	Applied Statistics for Commerce					
3	24GEU69	Brand Management	III	Management	4	100	3
	24GEU70	Services Marketing					
4	24GEU64	Business Intelligence	V	Commerce	4	100	3
	24GEU65	Business Strategy and Technology					
Total						**400**	**12**

Group 5. Skill Enhancement Courses (SECs)(2 Courses) – **Part IV**

SEC I: Compulsory Course : Talent Enhancement Course : Career Guidance

SEC II: A Bucket of Skill based Courses are offered for the Under Graduate programmes by the departments aimed at imparting skill. A Student has to subscribe one course from list offered by the department.

S.No	Course Code	Course Title	Ownership Department
1.	24SEC07	Banking Operation System - Practical	Commerce
2.	24SEC08	Secretarial Practice – Workshop	Commerce
3.	24SEC09	Income Tax Filing – Practical	Commerce
4.	24SEC10	EXIM Documentation Filing - Practical	Commerce
5.	24SEC11	Costing – Practical	Commerce
6.	24SEC12	Advertising – Practical	Commerce

Group 6. Audit Non-Credit Courses (ANCC)– Part IV & V

Non-Credit Courses are intended for students who want to gain general knowledge, learn a new skill, upgrade existing skills, enrich their understanding of a wide range of topics, or develop personal interests. A student has to complete any two courses during Semester I and II.

Part IV- ANCC			
S. No.	Course Code	Course Title	Ownership Department
ANCC 1 (Semester I)			
1	24ANC01	Environmental Studies	Bioscience
ANCC 2 - Values & Ethics (Semester II)			
2	24ANC02	Human Rights	Social Work
3	24ANC03	Women's Rights	Social Work
4	24ANC04	Yoga for Human Excellence	Psychology
5	24ANC05	Indian Culture and Heritage	English
6	24ANC06	Introduction to Cyber Security	CS
7	24ANC07	Consumer Protection	Commerce
8	24ANC08	Constitution of India	Commerce
9	24ANC09	Waste Management	Bioscience
10	24ANC10	Sustainable Development Goals	Management

Student has to take part in any one extension activity during their course of study.

Part V- ANCC		
ANCC 3 - Extension Activities		
S. No.	Course Code	Course Name
1	24ANC11	National Service Scheme
2	24ANC12	National Cadet Corps
3	24ANC13	Youth Red Cross
4	24ANC14	Red Ribbon Club
5	24ANC15	Rotaract Club
6	24ANC16	Sports
7	24ANC17	Association Activities
8	24ANC18	Club Activities

Group 7.

i) Drive-Through Courses (DTCs) I & II– Additional Credits

These courses are intended to bring out and promote the self-learning initiative of the students – where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study. It gives opportunities to the students to explore new areas of interest and earn additional credits. Students can take any number of courses under this cafeteria system. The credits will not be taken for CGPA calculation. Additional 4/3/2 credits per course will be given on submission of certificate.

1. Coursera
2. NPTEL
3. Any courses certified by statuary bodies.

ii)Drive-Through Course (DTC – III)
Internship Training/Mini Project/ Spoken Tutorial/etc.

Students individually or with the maximum of four members per batch should take up either Internship training or mini project for a period of fifteen days during IV Semester vacation. The report will be evaluated and viva-voce examination will be conducted during V semester. Otherwise, the students have to complete one spoken tutorial course or any certification course suggested by the department.

VIII. Semester-wise Scheme

Semester I									
Course Code	Course Title	T/P/E	Ins. Hrs/ Week	ESE Dur. Hrs	CIA Marks	ES Marks	Total Marks	Credits	SD/EM/EN	L/R/N/G
24AEC01/ 24AEC07/ 24AEC11	**AEC 1:Part I: Language I** Tamil-I - Tamil Vanam -I/ Hindi – I/ French – I	T	5	3	25	75	100	3	SD	L/R/N/G
24AEC21	**AEC 2:Part II: English I** Basic Business Communication	T	5	3	25	75	100	3	SD	G
24CUG01	**DSC 1** Banking Theory Law and Practice	T	4	3	25	75	100	4	EM	G
24CUG02	**DSC 2** Financial Accounting – I	T	5	3	25	75	100	4	EM	G
24CUG03	**DSC 3** Business Mathematics	T	5	3	25	75	100	4	SD/EM	G
24GEU62/ 24GEU63	**GEC 1** Business Economics / Macro Economics	T	4	3	25	75	100	3	EN	G
24ANC01	**ANCC1 (NF2F)** Environmental Studies	T	2	-	-	-	Completed		SD	G
Drive Through Course I: Additional Credit Courses							Additional Credits			
Total			**30**				**600**	**21**		

Semester II									
Course Code	Course Title	T/P/E	Ins. Hrs/ Week	ESE Dur. Hrs	CIA Marks	ES Marks	Total Marks	Credits	SD/EM/EN	L/R/N/G
24AEC03/ 24AEC08/ 24AEC12	**AEC 3:Part I: Language II** Tamil-II - Tamil Vanam - II/ Hindi – II/ French – II	T	5	3	25	75	100	3	SD	L/R/N/G
24AEC23	**AEC 4:Part II: English II** Advanced Business Communication	T	5	3	25	75	100	3	SD	G
24AEC38	**AEC 5: Part III:** Academic Skills for Commerce and Management	P	2	-	100	-	100	2	SD/EM	G
24CUG04	**DSC4** Introduction to Information Technology	T	5	3	25	75	100	4	EM	G
24CUG05	**DSC 5** Financial Accounting - II	T	6	3	25	75	100	4	EM	G
24GEU19/ 24GEU20	**GEC2** Business Statistics Applications / Applied Statistics for Commerce	T	4	3	25	75	100	3	SD/EM	G
24ANC02/ 24ANC03/ 24ANC04/	**ANCC2 (NF2F)** Human Rights Women's Rights Yoga for Human	T	2	-	-	-	Completed		SD	G

Course Code	Course Title	T/P/E	Ins. Hrs/ Week	ESE Dur. Hrs	CIA Marks	ES Marks	Total Marks	Credits	SD/EM/EN	L/R/N/G
24ANC05/ 24ANC06/ 24ANC07/ 24ANC08/ 24ANC09/ 24ANC10/	Excellence Indian Culture and Heritage Introduction to Cyber Security Consumer Protection Constitution of India Waste Management Sustainable Development Goals									

Drive Through Course II: Additional Credit Courses							Additional Credits			
Total			**30**				**600**	**19**		

Semester III										
Course Code	**Course Title**	**T/P/E**	**Ins. Hrs/ Week**	**ESE Dur. Hrs**	**CIA Marks**	**ES Marks**	**Total Marks**	**Credits**	**SD/EM/EN**	**L/R/N/G**
24AEC55	**AEC 6: Part III:** Ethics and Values in Business	T	2	2	25	75	100	1	EN	N
24CUG06	**DSC 6** Organization and Management	T	4	3	25	75	100	4	EN	G
24CUG07	**DSC 7** Marketing and Market Research	T	4	3	25	75	100	4	EN	G
24CUG08	**DSC 8** Corporate Accounting	T	6	3	25	75	100	4	SD/EM	N
24CUG28A	**DSE1** RDBMS	E	3	3	10	40	50	2	SD	G
24CUG28B	Practical – RDBMS		2	3	10	40	50	2		
24CUG29A	My SQL		3	3	10	40	50	2		
24CUG29B	Practical - My SQL		2	3	10	40	50	2		
24CBU01/ 24CBU02	**DSE2** Fundamentals of Business Analytics/ Enterprise Resource Planning	T	5	3	25	75	100	4	EM	G
24GEU69/ 24GEU70	**GEC 3** Brand Management / Services Marketing	T	4	3	25	75	100	3	EM	G
Total			**30**				**700**	**24**		

Semester IV										
Course Code	**Course Title**	**T/P/E**	**Ins. Hrs/ Week**	**ESE Dur. Hrs**	**CIA Marks**	**ES Marks**	**Total Marks**	**Credits**	**SD/EM/EN**	**L/R/N/G**
24AEC83	**AEC 7 : Part IV:** Communication Enhancement Course: Communication Excellence	T	2	2	100	-	100	1	SD	G
24AEC48	**AEC 8 : Part III:** Comprehensive Project for Commerce	P	-	3	100	-	100	4	SD/EM/EN	G
24CUG09	**DSC 9** Cost Accounting	T	5	3	25	75	100	4	SD/EM/EN	G
	DSC 10	P	5	3	40	60	100	4	SD/	N

Course Code	Course Title	T/P/E	Ins. Hrs/ Week	ESE Dur. Hrs	CIA Marks	ES Marks	Total Marks	Credits	SD/EM/EN	L/ R/ N/ G
24CUG10	Computerized Accounting – Practical								EM	
24CUG11	**DSC 11** Business Law	T	5	3	25	75	100	4	SD	N
24CBU03/ 24CBU04	**DSE 3** Data Mining for Business Analytics / Big Data Analytics	T	5	3	25	75	100	4	EM	G
24CBU05/ 24CBU06	**DSE 4** Optimization Techniques for Analytics / Data Analytics for Commerce	T	5	3	25	75	100	4	EM	G
24SEC01C	**SEC 1:** Talent Management Course – Career Guidance	T	3	-	50	-	50	2	SD	N
	Total		**30**				**750**	**27**		

Semester V										
Course Code	Course Title	T/P/E	Ins. Hrs/ Week	ESE Dur. Hrs	CIA Marks	ES Marks	Total Marks	Credits	SD/EM/EN	L/ R/ N/ G
24AEC81/ 24AEC82	**AEC10: Part IV:** Spoken Hindi/ Spoken Tamil	T	2	3	100	-	100	1	SD	L/ R/ N/ G
24CUG20	**DSE 5** Industrial Exposure Training	P	4 Weeks	-	40	60	100	4	EM	G
24AEC75	**AEC 9: Part III:** Business Research Methods	T	5	5	25	75	100	3	SD/ EM/ EN	G
24CUG12	**DSC 12** Income Tax Law and Practice	T	6	3	25	75	100	4	SD/ EM	N
24CUG21/ 24CUG22	**DSE 6:** Statistical Application - Practical / Computational Finance using Spread Sheet – Practical	P	5	3	40	60	100	4	SD/ EM/ EN	G
24CUG34/ 24CUG35	**DSE 7:** Corporate Finance/ Corporate Governance and Practices	T	5	3	25	75	100	4	EM	G
24GEU64/ 24GEU65	**GEC 4** Business Intelligence / Business Strategy and Technology	T	4	3	25	75	100	3	SD/ EM/ EN	G
24SEC07/ 24SEC08/ 24SEC09/ 24SEC10/ 24SEC11/ 24SEC12	**SEC 2** Banking Operation System – Practical / Secretarial Practice – Workshop / Income Tax Filing – Practical / EXIM Documentation Filing – Practical / Costing - Practical / Advertising - Practical	P	3	-	50	-	50	2	SD/ EM/ EN	G
Drive Through Course III – Internship Training /Mini Project/Spoken Tutorial					Completed					
Total			**30**				**750**	**25**		

Course Code	Course Title	T/P/E	Ins. Hrs/ Week	ESE Dur. Hrs	CIA Marks	ES Marks	Total Marks	Credits	SD/ EM/ EN	L/ R/ N/ G
	Semester VI									
24CUG13	**DSC 13** Management Accounting	T	5	3	25	75	100	4	SD/ EM	N
24CUG14	**DSC 14** Indirect Taxes	T	5	3	25	75	100	4	SD/ EM/ EN	G
24CUG15	**DSC 15 :** Major Project - Project Work	P	5	3	40	60	100	4	EN	G
24CBU07A	**DSE 8** Exploratory Data Analytics	E	3	3	10	40	100	2	EN	G
24CBU07B	Practical - Analysing Big Data with R		2	3	10	40	100	2		
24CBU08	Data Analysis using SPSS – Practical	P	5	3	40	60	100	4		
24CUG37A	**DSE 9** Python Programming	E	3	3	10	40	50	2	SD	G
24CUG37B	Practical - Python Programming		2	3	10	40	50	2		
24CUG38A	Linux Operating System		3	3	10	40	50	2		
24CUG38B	Practical - Linux Operating System		2	3	10	40	50	2		
24CUG27/ 24CUG39	**DSE 10** Security Analysis and Portfolio Management / Financial Derivatives	T	5	3	25	75	100	4	SD/ EM/ EN	G
24ANC11/ 24ANC12/ 24ANC13/ 24ANC14/ 24ANC15/ 24ANC16/ 24ANC17/ 24ANC18/	**ANCC 3** Extension Activities National Service Scheme / National Cadet Corps / Youth Red Cross / Red Ribbon Club / Rotaract Club / Sports / Association Activities / Club Activities	-	-	-	-	-	Grade	-	SD	G
Total			30				600	24		
Total							4000	140		
Drive-Through Courses (DTCs): Courses offered in Coursera OR NPTEL OR Any courses certified by statutory bodies.	Additional 4 credits per course will be given on submission of Certificate				During Semester I to Semester VI					

The courses focus on the following needs	
SD	Skill Development
EM	Employability
EN	Entrepreneurship
L	Local
R	Regional
N	National
G	Global

Semester-wise Distribution of Marks and Credits

Semester	Total Marks	Total Credits
I	600	21
II	600	19
III	700	24
IV	750	27
V	750	25
VI	600	24
Total	**4000**	**140**

OFFERED BY

List of Courses Offered by Mathematics Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. Hrs	CIA	ES	Total Marks	Credit	SD/EM/EN	L/R/N/G
I	24CUG03	Business Mathematics	All Commerce UG	T	5	25	75	100	4	SD/EM	G
II	24GEU19 / 24GEU20	Business Statistics Application / Applied Statistics for Commerce	All Commerce UG	T	5	25	75	100	4	SD/EM	G
IV	24CBU05	Optimization Techniques for Analytics	BCOM BA	T	5	25	75	100	4	EM	G
IV	24CBU06	Data analytics for Commerce	BCOM BA	T	5	25	75	100	4	EM	G
V	24CBU07A	Exploratory Data Analytics	BCOM BA	E	3	10	40	50	2	EN	G
	24CBU07B	Analyzing Big Data with R - Practical			2	10	40	50	2		
	24CBU08	Data Analysis using SPSS - Practical		P	5	40	60	100	4	EN	G

List of Courses Offered by Computer Science Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	ESE Dur Hrs	CIA	ES	Total Marks	Credit	SD/ EM/ EN	L/ R/ N/ G
I	24CUG28A	RDBMS	B.COM CA/ B.COM IT/ B.COM BA	E	3	3	10	40	50	2	SD	G
	24CUG28B	Practical – RDBMS			2	3	10	40	50	2		
	24CUG29A	My SQL			3	3	10	40	50	2		
	24CUG29B	Practical – My SQL			2	3	10	40	50	2		
IV	24CBU03	Data Mining for Business Analytics	B.COM BA	T	5	3	25	75	100	4	EM	G
	24CBU04	Big Data Analytics		T	5	3	25	75	100	4	EM	G
VI	24CUG37A	Python Programming	B.COM CA/ B.COM IT/ B.COM BA	E	3	3	10	40	50	2	SD	G
	24CUG37B	Practical - Python Programming			2	3	10	40	50	2		
	24CUG38A	Linux Operating System		E	3	3	10	40	50	2	SD	G
	24CUG38B	Practical - Linux Operating System			2	3	10	40	50	2		

List of Courses Offered by Management Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	CIA	ES	Total Marks	Credit	SD/ EM/ EN	L/ R/ N/ G
III	24GEU69	Brand Management	All Commerce UG	T	4	25	75	100	3	EM	G
III	24GEU70	Services Marketing	All Commerce UG	T	4	25	75	100	3	EM	G

List of Courses Offered by BioScience Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	CIA	ES	Total Marks	Credit	SD/ EM/ EN	L/ R/ N/ G
I	24ANC01	Environmental Studies	All Commerce UG	T	2	-	-	-	-	SD	G
II	24ANC09	Waste Management	All Commerce UG	T	2	-	-	-	-	SD	G