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

for 2022-23 admitted students

DEPARTMENT OF COMMERCE

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SRI KRISHNA ARTS AND SCIENCE COLLEGE
COIMBATORE – 641008

DEPARTMENT OF COMMERCE

(2022-2023)

I.	PROGRAMME EDUCATIONAL OBJECTIVES (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)
No.	**The Graduates of B.Com Business Analytics programme will be able to:**
PLO1	Describe the knowledge of Accounting and Finance concepts and functions in an integrated manner. (Cognitive)
PLO2	Apply financial, corporate, cost and management accounting concepts and taxation and auditing techniques to facilitate decision making, planning and control through critical thinking skills. (Cognitive)
PLO3	Demonstrate principles and techniques to formulate operational solutions to the problems concerned, with planning, resourcing, allocation, appraisal and control. (Psychomotor Skills)
PLO4	develop team work skills for effective collaboration to ad hoc diverse purposes. (Affective)
PLO5	Compare effective oral and written communication skills in the professional context.(Affective)
PLO6	Use a range of IT related skills in the use of word-processing, spreadsheets, software package applications, and in accessing online databases.(Affective)
PLO7	Elaborate accounting fundamentals and accounting specialization to find solutions to complex problems in business enterprises through numeracy.(Cognitive)
PLO8	Formulate relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business by leading a team. (Affective)
PLO9	Apply the accounting and financial concepts in the real time situations as a course of lifelong learning. (Affective)
PLO10	Compare an entrepreneurial way of thinking that will allow them to identify and create business opportunities that may be commercialized successfully. (Affective)
PLO11	Integrate Sensitivity towards ethical and moral issues and have ability to address them in the course of business. (Affective)

III. PROGRAMME LEARNING OUTOMES VS GRADUATE ATTRIBUTES VSTAXONOMY OF VERBS

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

IV. PROGRAMME LEARNING OUTOMES VS PROGRAMME EDUCATIONAL OBJECTIVES

PLO	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 future careers and excel beyond the content knowledge (**CTI**)
APO 4	They will be provided with good digital foot print in the area of commerce and accounting 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. 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	1100	30
III& IV	2	DSC – Discipline Specific Courses	15	1500	58
	3	DSE – Discipline Specific Electives	10	1000	40
	4	GEC – Generic Elective Courses	4	400	12
IV	5	ANCC I & II – Audit Non-Credit Courses	2	-	-
V		ANCC III – Audit Non-Credit Courses	1	Completed	
-	6	DTC – Drive Through Courses (SWAYAM-NPTEL, Coursera, Any courses certified by statutory bodies, etc)	Any number	-	Addl. Credits
Total				**4000**	**140**

Group 1. Ability Enhancement Courses (AECs)(11 Courses)

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

S. No.	Course	Course Title	Semester	Ownership Department	Contact Hours	Credits	Marks
1	22AEC01/ 22AEC07/ 22AEC11/ 22AEC17/ 22AEC21/	**AEC PART I: Language I:** Tamil-I - TamizhumVanik amum / Hindi I/ French I/ Malayalam I/	I	Language Dept.	6	3	100

		Sanskrit I					
2	22AEC25	**AEC Part II:** English-I :Professional English - I	I	English Dept.	6	3	100
3	22AEC03/ 22AEC08/ 22AEC12/ 22AEC18/ 22AEC22	**AECPART I: Language II:** Tamil-II - IlakkiyamumVanikaMelanmaiyum / Hindi-II/ French–II/ Malayalam-II/ Sanskrit – II	II	Language Dept.	6	3	100
4	22AEC27	**AEC Part II:English – II:** :Professional English - II	II	English Dept	6	3	100
5	22AEC38	**AEC Part III:** Academic Skills for Commerce and Management	II	Commerce Dept.	3	3	100
6	22AEC46	**AEC Part III:** Business Statistics and Applications	II	Mathematics Dept.	5	3	100
7	22AEC81/ 22AEC83 / 22AEC85	**AEC Part I:** Language – III Tamil-III– Neelakkurinchi / Hindi-III – Pryojanmoolak Hindi /French-III – Advanced French I	III	Language Dept.	3	2	100
8	22AEC91	**AEC Part II**: English III - Creative Writing	III	English Dept.	3	2	100
	22AEC58	**AEC Part III:** Capstone Project for Commerce	III	Commerce Dept.	-	4	100
10	22AEC82 / 22AEC84 / 22AEC86	**AEC Part I:** Language – IV Tamil-IV– Semmullai /Hindi-	IV	Language Dept.	3	2	100

		IV – Takneeki Hindi Basha / French-IV – Advanced French II					
11	22AEC92	**AEC Part II:** English III - English for Digital Media	IV	English Dept.	3	2	100
Total						**30**	**1100**

Group 2. Discipline Specific Courses (DSCs)(15 Courses)

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	Credits	Marks
1	22COU01/22CCU01/ 22CIU01/22CPU01/ 22BPU01/22CFU01/ 22CNU01/22CEU01/ 22CBA01/22CYU01	Banking Theory and Practice	1	4	3	100
2	22COU02/22CCU02/ 22CIU02/22CPU02/ 22BPU02/22CFU02/ 22CNU02/22CEU02/ 22CBA02/22CYU02	Financial Accounting - I	1	5	4	100
3	22COU03/22CCU03/ 22CIU03/22CPU03/ 22BPU03/22CFU03/ 22CNU03/22CEU03/ 22CBA03/22CYU03	Introduction to Information Technology	1	4	4	100
4	22COU04/22CCU04/ 22CIU04/22CPU04/ 22BPU04/22CFU04/ 22CNU04/22CEU04/ 22CBA04/22CYU04	Business Mathematics	1	5	4	100
5	22COU05/22CCU05/ 22CIU05/22CPU05/ 22BPU05/22CFU05/ 22CNU05/22CEU05/ 22CBA05/22CYU05	Organization and Management	2	4	4	100
6	22COU06/22CCU06/ 22CIU06/22CPU06/ 22BPU06/22CFU06/ 22CNU06/22CEU06/ 22CBA06/22CYU06	Financial Accounting - II	2	6	4	100
7	22COU07/22CCU07/ 22CIU07/22CPU07/ 22BPU07/22CFU07/	Marketing and Market Research	3	6	3	100

	22CNU07/22CEU07/ 22CBA07/22CYU07					
8	22COU08/22CCU08/ 22CIU08/22CPU08/ 22BPU08/22CFU08/ 22CNU08/22CEU08/ 22CBA08/22CYU08	Business Law	3	6	4	100
9	22COU09/22CCU09/ 22CIU09/22CPU09/ 22BPU09/22CFU09/ 22CNU09/22CEU09/ 22CBA09/22CYU09	Corporate Accounting	3	6	4	100
10	22COU10/22CCU10/ 22CIU10/22CPU10/ 22BPU10/22CFU10/ 22CNU10/22CEU10/ 22CBA10/22CYU10	Cost Accounting	4	6	4	100
11	22COU11/22CCU11/ 22CIU11/22CPU11/ 22BPU11/22CFU11/ 22CNU11/22CEU11/ 22CBA011/22CYU11	Computerized Accounting – Practical	4	5	4	100
12	22COU12/22CCU12/ 22CIU12/22CPU12/ 22BPU12/22CFU12/ 22CNU12/22CEU12/ 22CBA12/22CYU12	Management Accounting	5	6	4	100
13	22COU13/22CCU13/ 22CIU13/22CPU13/ 22BPU13/22CFU13/ 22CNU13/22CEU13/ 22CBA13/22CYU13	Income Tax Law and Practice	5	6	4	100
14	22COU14/22CCU14/ 22CIU14/22CPU14/ 22BPU14/22CFU14/ 22CNU14/22CEU14/ 22CBA14/22CYU14	Indirect taxes	6	6	4	100
15	22COU15/22CCU15/ 22CIU015/22CPU15/ 22BPU15/22CFU15/ 22CNU15/22CEU15/ 22CBA15/22CYU15	Project Work	6	-	4	100
Total					**58**	**1500**

Group 3. Discipline Specific Elective (DSEs) (10 Courses)

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 TEN courses from the following list.

S. No.	Course Code	Course Title	Ownership Department	Contact Hours	Credits	Marks
1	22CCU17A/22CIU17A/ 22CEU17A/22CBA17A	RDBMS	Computer Science Dept.	3	2	50
	22CCU17B/22CIU17B/ 22CEU17B/22CBA17B	Practical – RDBMS	Computer Science Dept.	3	2	50
2	22CBA16	Fundamentals of Business Analytics	Commerce Dept.	5	4	100
3	22CBA18	Data Mining for Business Analytics	Computer Science Dept.	4	3	100
4	22CBA19	Optimization Techniques for Analytics	Mathematics Dept.	5	4	100
5	22COU20/22CCU20/ 22CIU20/22CPU20/ 22BPU20/22CFU20/ 22CNU20/22CEU20/ 22CBA20/22CYU20	Industrial Exposure Training	Commerce Dept.	-	4	100
6	22CBA21A	Exploratory Data Analysis	Mathematics Dept.	3	2	50
	22CBA21B	Analyzing big data with R – Practical	Mathematics Dept.	2	2	50
7	22CBA22A	Python Programming	Computer Science Dept.	3	2	50
	22CBA22B	Practical -Python Programming	Computer Science Dept.	2	2	50
Students can choose any one of the Following Groups						
Group-A:						
1	22COU23/22CCU23/ 22CIU23/22CPU23/ 22CFU23/ 22CNU23/22CEU23/ 22CBA23/22CYU23	Financial Services	Commerce Dept	5	4	100
2	22COU26/22CCU26/ 22CIU26/22CPU26/ 22BPU26/22CFU26/	Investment Banking	Commerce Dept	5	4	100

	22CNU26/22CEU26/ 22CBA26/22CYU26					
3	22COU29/22CCU29/ 22CIU29/22CPU29/ 22BPU29/22CFU29/ 22CNU29/22CEU29/ 22CBA29/22CYU29	Behavioural Finance	Commerce Dept	5	4	100

Group –B

1	22COU24/22CCU24/ 22CIU24/22CPU24/ 22CFU24/ 22CNU24/22CEU24/ 22CBA24/22CYU24	Enterprise Information System	Commerce Dept	5	4	100
2	22COU27/22CCU27/ 22CIU27/22CPU27/ 22BPU27/22CFU27/ 22CNU27/22CEU27/ 22CBA27/22CYU27	Artificial Intelligence in Business	Commerce Dept	5	4	100
3	22COU30/22CCU30/ 22CIU30/22CPU30/ 22BPU30/22CFU30/ 22CNU30/22CEU30/ 22CBA30/22CYU30	Business Incubation	Commerce Dept	5	4	100

Group –C

1	22COU25/22CCU25/ 22CIU25/22CPU25/ 22CFU25/ 22CNU25/22CEU25/ 22CBA25/22CYU25	Security Analysis and Portfolio Management	Commerce Dept	5	4	100
2	22COU28/22CCU28/ 22CIU28/22CPU28/ 22BPU26/22CFU28/ 22CNU28/22CEU28/ 22CBA28/22CYU28	Financial Derivatives	Commerce Dept	5	4	100
3	22COU31/22CCU31/ 22CIU31/22CPU31/ 22BPU31/22CFU31/ 22CNU31/22CEU31/ 22CBA31/22CYU31	International Finance	Commerce Dept	5	4	100

Industrial Exposure Training (IET):

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	25
Work Diary	Written	Phase by Phase	10
Report	Submission	Entire Process	15

	Total	50

Viva-voce Marks for the Industrial Exposure Training will be given based on the report and viva-voce examination, conducted by the Department.

Report:30 Marks
Viva-voce: 20 Marks

Major Project:

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 will be evaluated jointly by the internal and external examiners for **50 Marks** and Viva-voce examination shall be conducted jointly for **50 Marks.**

Three Reviews should be conducted and marks have to be entered in Myklassroom portal as follows:

Review	**– 25 Marks**
Work Dairy	**– 10 Marks**
Report	**– 15 Marks**
Total	**– 50 (Internal) Marks**

End Semester Viva-Voce will be conducted for 50 (External) Marks.
(**Dissertation - 30 Marks & Viva-voce - 20 Marks**)

Group 4. Generic Elective Courses (GECs)(4 Courses)

Generic Elective Courses are interdisciplinary in nature. They are additional courses based on expertise, specialization, requirements, scope, and need of the department. The student has to subscribe any 5 courses in the following list:

Sl. No.	Course Code	Course Title	Semester	Ownership Department	Contact Hours	Credits	Marks
1	22GEU73	Business Economics	4	Commerce Dept.	4	3	100
2	22GEU88	Brand Management	4	Management Dept.	4	3	100
	22GEU89	Knowledge Management					
	22GEU90	Human Resource Management					
	22GEU91	Service Marketing					
	22GEU92	Project Management					
3	22GEU75	Public Finance and Budgeting	5	Commerce Dept.	4	3	100
	22GEU76	Macro Economics					

	22GEU77	Computational Finance using Spread Sheet – Practical					
	22GEU78	Enterprise Resource Planning					
	22GEU79	Business Ethics and Corporate Social Responsibility					
4	22GEU80	Indian Monetary Policy and RBI	6	Commerce Dept.	4	3	100
	22GEU81	E-Filing of Returns – Practical					
	22GEU82	Business Intelligence					
	22GEU83	International Business					
	22GEU84	3. Business Strategy and Technology					
Total						**12**	**400**

Group 5. Audit Non-Credit Courses (ANCC)

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 Name**
Semester I - ANCC 1		
1.	22ANC01	Environmental Studies
Semester II - ANCC 2 - Values & Ethics		
2.	22ANC02	Human Rights
3.	22ANC03	Women's Rights
4.	22ANC04	Yoga for Human Excellence
5.	22ANC05	Indian Culture and Heritage
6.	22ANC06	Introduction to Cyber Security
7.	22ANC07	Consumer Protection
8.	22ANC08	Constitution of India
9.	22ANC09	Waste Management

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

Part V - ANCC 3 - Extension Activities		
S. No.	**Course Code**	**Course Name**
1.	22ANC10	National Service Scheme

2.	22ANC11	National Cadet Corps
3.	22ANC12	Youth Red Cross
4.	22ANC13	Red Ribbon Club
5.	22ANC14	Rotaract Club
6.	22ANC15	Sports
7.	22ANC16	Association Activities
8	22ANC17	Club Activities

Group 6.

i) Drive-Through Course (DTC)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 credits per Course will be given on submission of certificate.

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

ii)Drive-Through Course (DTC – III) – To be Completed
Internship Training/Mini Project/ Spoken Tutorial/Economic Talent test 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 5th semester. Otherwise, the students have to complete one spoken tutorial course or any certification course suggested by the department.

VIII. Semester-wise Scheme

Course Code	Course Title	T/P/E	ESE Dur. Hrs	Ins. Hrs/ Week	CIA Marks	ES Marks	Total Marks	Credits	SD/ EM / EN	G/L /R/ N
Semester I										
22AEC01/ 22AEC07/ 22AEC11/ 22AEC17/ 22AEC21	**AEC PART I: Language I:** Tamil-I - TamizhumVani kamum / Hindi I/ French I/ Malayalam I/ Sanskrit I	T	3	6	50	50	100	3	**SD**	**R/N G/R /N**
22AEC25	**AEC PART II: English I:** Professional English – I	T	3	6	50	50	100	3	**SD**	**G**
22CBA01	**DSC-1 :**Banking Theory and Practice	T	3	4	50	50	100	3	**EM**	**G**
22CBA02	**DSC-2 :**Financial Accounting – I	T	3	5	50	50	100	4	EM	G
22CBA03	**DSC- 3 :**Introduction to Information Technology	T	3	4	50	50	100	4	EM	G
22CBA04	**DSC-4** Business Mathematics	T	3	5	50	50	100	4	SD/ EM	G
DTC - I - Additional Credit Courses (NPTEL/Coursera)								4		
22ANC01	**ANCC-1 (NF2F)** Environmental Studies	T	-	2	-	-	Completed			
Total				30+2			600	21 + 4		
Semester II										
Course Code	Course Title	T/P/E	ESE Dur.	Ins. Hrs/	CIA Marks	ES Marks	Total Marks	Credits	SD/	G/L

			Hrs	Week					EM/EN	/R/N
22AEC03/ 22AEC08/ 22AEC12/ 22AEC18/ 22AEC22	**AEC PART I: Language II:** Tamil-II - IlakkiyamumVanikaMelanmaiyum / Hindi-II/ French–II/ Malayalam-II/ Sanskrit - II	T	3	6	50	50	100	3	SD	R/N /G/ R/N
22AEC27	**AEC PART II: English II:** Professional English - II	T	3	6	50	50	100	3	SD	G
22AEC38	**AEC Part III:** Academic Skills for Commerce and Management	T	3	3	50	50	100	3	SD/ EM	G
22AEC46	**AEC Part III:** Business Statistics and Applications	T	3	5	50	50	100	3	SD/ EM	N/G
22CBA05	**DSC:5** Organization and Management	T	3	4	50	50	100	4	EM /EN	G
22CBA06	**DSC:6** Financial Accounting - II	T	3	6	50	50	100	4	EM	G
DTC II : Additional Credit Courses (NPTEL/Coursera)								4		
22ANC09	**ANCC-2 (NF2F)** Waste Management	T	-	2	-	-	Completed			
Total			30+2				600	20 +4		

Semester III										
Course Code	**Course Title**	**T/P/ E**	**ESE Dur. Hrs**	**Ins. Hrs/ Week**	**CIA Marks**	**ES Marks**	**Total Marks**	**Credits**	**SD/ EM / EN**	**G/L /R/ N**
22AEC81/ 22AEC83/ 22AEC85	**AEC Part I:** Language – III Tamil-III– Neelakkurinchi /Hindi-III – Pryojanmoolak	T	3	3	50	50	100	2	SD	R/ N/ G

Course Code	Course Title	T/P/E	ESE Dur. Hrs	Ins. Hrs/ Week	CIA Marks	ES Marks	Total Marks	Credits	SD/ EM/ EN	G/L /R/ N
	Hindi / French-III – Advanced French I									
22AEC91	**AEC Part II:** English-III Creative Writing	T	3	3	50	50	100	2	SD	G
22AEC58	**AEC Pat III:** Capstone Project for Commerce	-	3	-	50	50	100	4	SD/ EM/ EN	G
22CBA07	**DSC:7** Marketing and Market Research	T	3	6	50	50	100	3	EN	G
22CBA08	**DSC:8** Business Law	T	3	6	50	50	100	4	SD	N
22CBA09	**DSC:9** Corporate Accounting	T	3	6	50	50	100	4	SD/ EM	N
22CBA 17A	**DSE 1A – RDBMS**	E	3	3	25	25	50	2	SD	G
22CBA 17B	**DSE 1B – Practical – RDBMS**	E	3	3	25	25	50	2		
DTC II : Additional Credit Courses (NPTEL/Coursera)										
Total				30			700	23		

Semester IV

Course Code	Course Title	T/P/E	ESE Dur. Hrs	Ins. Hrs/ Week	CIA Marks	ES Marks	Total Marks	Credits	SD/ EM / EN	G/L /R/ N
22AEC82/ 22AEC84/ 22AEC86	**AEC Part I:** Language – IV Tamil-IV– Semmullai / Hindi-IV – Takneeki Hindi Basha / French-IV – Advanced French II	T	3	3	50	50	100	2	SD	R/ N/ G
22AEC92	**AEC Part II:** English-IV English for Digital Media	T	3	3	50	50	100	2	SD	G
22CBA10	**DSC-10** Cost	T	3	6	50	50	100	4	SD/ EM	G

Course Code	Course Title	T/P/E	ESE Dur. Hrs	Ins. Hrs/ Week	CIA Marks	ES Marks	Total Marks	Credits	SD/ EM / EN	G/L /R/ N
	Accounting								/EN	
22CBA11	**DSC – 11** Computerized Accounting - Practical	T	3	5	50	50	100	4	SD/ EM	N
22CBA16	**DSE 2:** Fundamentals of Business Analytics	T	3	5	50	50	100	4	EM	G
22GEU73	**GEC 1:** Business Economics	T	3	4	50	50	100	3	EN	G
22GEU88/ 22GEU89/ 22GEU90/ 22GEU91/ 22GEU92	**GEC 2:** Brand Management/ Knowledge Management/ Human Resource Management/ Services Marketing/ Project Management	T	3	4	50	50	100	3	EM	G
Total				**30**			**700**	**22**		

					Semester V					
Course Code	**Course Title**	**T/P/ E**	**ESE Dur. Hrs**	**Ins. Hrs/ Week**	**CIA Marks**	**ES Marks**	**Total Marks**	**Credits**	**SD/ EM / EN**	**G/L /R/ N**
22CBA12	**DSC 12:** Management Accounting	T	3	6	50	50	100	4	SD/ EM /EN	N
22CBA13	**DSC 13:** Income Tax Law and Practice	T	3	6	50	50	100	4	SD/ EM	N
22CBA18	**DSE- 4:** Data Mining for Business Analytics	T	3	4	50	50	100	3	EM	G
22CBA19	**DSE- 3** Optimization Techniques for Analytics	T	3	5	50	50	100	4	EM	G
22CBA20	**DSE 5:** Industrial Exposure Training	-	3	4 Weeks	50	50	100	5	SD/ EM/ EN	G

Course Code	Course Title	T/P/E	ESE Dur. Hrs	Ins. Hrs/Week	CIA Marks	ES Marks	Total Marks	Credits	SD/EM/EN	G/L/R/N
22CBA21 A	**DSE 6 A:** Exploratory Data Analysis	E	3	3	25	25	50	2	SD	G
22CBA21 B	**DSE 6 B:** Analyzing big data with R – Practical	E	3	2	25	25	50	2	SD	G
22GEU75/ 22GEU76/ 22GEU77/ 22GEU78/ 22GEU79	**GEC 3 –** Public Finance and Budgeting/ Macro Economics/ Computational Finance using Spread Sheet – Practical / Enterprise Resource Planning / Business Ethics and Corporate Social Responsibility	T	3	4	50	50	100	3	EM	G
Course Code by the Department	**Drive Through Course III – Internship/ Mini Project/ Spoken Tutorial /Economic talent test**				Completed					
Total				30			700	26		
Semester VI										
Course Code	**Course Title**	**T/P/E**	**ESE Dur. Hrs**	**Ins. Hrs/Week**	**CIA Marks**	**ES Marks**	**Total Marks**	**Credits**	**SD/EM/EN**	**G/L/R/N**
22CBA14	**DSC 14:** Indirect Taxes	T	3	6	50	50	100	4	SD/EM/EN	N
22CBA15	**DSC 15:** Project Work	-	3	-	50	50	100	4	SD/EM/EN	G
22CBA22 A	**DSE 7 A**: Python Programming	T	3	3	25	25	50	2	SD	**G**
22CBA22 B	**DSE 7 B:** Practical -	T	3	2	25	25	50	2	SD	**G**

	Python Programming									
22CBA23/ 22CBA24/ 22CBA25	**DSE –8** Financial Services/ Enterprise Information System/ Security Analysis and Portfolio Management	T	3	5	50	50	100	4	SD/ EM /EN	G
22CBA26/ 22CBA27/ 22CBA28	**DSE - 9** Investment Banking/ Artificial Intelligence/ Financial Derivatives	T	3	5	50	50	100	4	SD/ EM /EN	G
22CBA29/ 22CBA30/ 22CBA31	**DSE – 10** Behavioral Finance/ Business Incubation/ International Finance	T	3	5	50	50	100	4	SD/ EM /EN	G
22GEU80/ 22GEU81/ 22GEU82/ 22GEU83/ 22GEU84	**GEC 4:** Indian Monetary Policy and RBI/ E-Filing of Returns – Practical/ Business Intelligence/ International Business/ Business Strategy and Technology	T/P	3	4	50	50	100	3	EM	G
	ANCC3: Extension Activities	-	3	-	-	-	Grade	-	SD	N
Total				30			700	27		
	Total						4000	140 +8		
Drive-Through Course (DTC): Courses offered in SWAYAM-NPTEL, Coursera 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 focuses the following needs :

Needs	G- Global	N -Regional	R-Regional	L-Local
SD		Skill Development		

EM	Employability
EN	Entrepreneurship

Semester-wise Distribution of Marks and Credits:

Semester	Total Marks	Total Credits
I	600	21+4
II	600	20+4
III	700	23
IV	700	22
V	700	27
VI	700	27
Total	**4000**	**140+8**

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
I	22CBA04	**DSC 3 :** Business Mathematics	All Commerce UG	T	5	50	50	100	4
II	22AEC46	**AEC-6** Business Statistics and Applications	All Commerce UG	T	5	50	50	100	3
IV	22CBA19	Optimization Techniques for Analytics	Mathematics Dept.	T	5	50	50	100	4
V	22CBA21 A	Exploratory Data Analysis	Mathematics Dept.	E	3	25	25	50	2
V	22CBA21 B	Analyzing big data with R – Practical	Mathematics Dept.	E	2	25	25	50	2

List of Courses Offered by Management Science Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	CIA	ES	Total Marks	Credit
IV	22GEU88	**GEC 2:** Brand Management	All Commerce UG	T	4	50	50	100	3
IV	22GEU89	Knowledge Management	All Commerce UG	T	4	50	50	100	3
IV	22GEU90	Human Resource Management	All Commerce UG	T	4	50	50	100	3
IV	22GEU91	Services Marketing	All Commerce UG	T	4	50	50	100	3
IV	22GEU92	Project Management	All Commerce UG	T	4	50	50	100	3

List of Courses Offered by Bio-Science Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	CIA	ES	Total Marks	Credit
I	22ANC01	**ANCC-1 (NF2F)** Environmental Studies	All UG	T	2	-	-	Completed	
II	22ANC09	**ANCC-2 (NF2F)** Waste Management	All UG	T	2	-	-	Completed	

List of Courses Offered to Management Science Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	CIA	ES	Total Marks	Credit
III	22GEU72	Cost and Management Accounting for Business	BBA/BBA (CA)	T	4	50	50	100	3
IV	22GEU74	Business Taxation	BBA/BBA (CA)	T	4	50	50	100	3
V	22GEU75	Public Finance and Budgeting	BBA/BBA (CA)	T	4	50	50	100	3
VI	22GEU80	Indian Monetary Policy and RBI	BBA/BBA (CA)	T	4	50	50	100	3

List of Courses Offered by Computer Science Department

Semester	Course Code	Course Name	Programme	T/P/E	Ins. hrs	CIA	ES	Total Marks	Credit
III	22CBA 17A	RDBMS	B.Com CA B.Com IT B.Com E.Com B.Com BA	E	3	25	25	50	2
	22CBA 17B	Practical – RDBMS			3	25	25	50	2
III	22CBA18	Data Mining for Business Analytics	B.Com BA	T	4	50	50	100	3
V	22CBA22 A	Python Programming	B.Com BA	E	3	25	25	50	2
	22CBA22 B	Practical- - Python Programming			2	25	25	50	2