

SRI KRISHNA ARTS AND SCIENCE COLLEGE

An Autonomous College Affiliated to Bharathiar University

Re-Accredited by NAAC with 'A' Grade

Coimbatore -641008, Tamil Nadu, India.

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

BBA Logistics

for 2021-22 admitted students

DEPARTMENT OF MANAGEMENT SCIENCE



**SRI KRISHNA ARTS AND SCIENCE COLLEGE
COIMBATORE – 641008**

**DEPARTMENT OF MANAGEMENT SCIENCE
(2021-2022)**

I. PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)	
PEO 1	Prepare knowledgeable and industry relevant quality graduates who possess managerial skills and critical thinking skills in serving the domestic and global community in the area of business.
PEO 2	Acquire the information from logistics industry and other relevant sources in solving the problem through modern logistics practices and demonstrate professionalism and ethical values in the relevant field.
PEO 3	Perform as a team player and becoming a market leader in the field of consultancy and skill development with effective communicative skills which will help the organization to grow.

II. PROGRAMME LEARNING OUTCOMES (PLOS)	
No.	STATEMENT
PLO1	Understanding the basic concepts in logistics thereby gaining potential knowledge associated to logistics sector. (Cognitive)
PLO2	Evaluate inclusive information system, forecasting inventory and material handling epithet of Logistics issues through critical thinking skills . (Cognitive)
PLO3	Validate warehouse, transportation and logistics by set foot into technical and operating skills . (Psychomotor Skills)
PLO4	Form as a team in generating strategic decisions in the field of Logistics and strive for excellence. (Affective)
PLO5	Communicate effectively both in written and verbal form with professionalism. (Affective)
PLO6	Applying digital skills framing logistics network designs in resolving issues related to cost reduction transportation rates and data aggregation. (Affective)
PLO7	Appertain quantitative skills on inventory tracking through computer and associated software. (Cognitive)
PLO8	Demonstrate effective interpersonal and leadership skills to work efficiently and enforce agile Logistics business operations in a competitive domestic and global environment. (Affective)
PLO9	Display the skills and principles of lifelong learning in their academic and career development. (Affective)
PLO10	Intensifying entrepreneurial skills and Professional development through specialist and expert services. (Affective)
PLO11	Understand and commit professionally, ethically and independently with the ultimate responsibility in line with code of conduct in related field (Affective)

III. PROGRAMME LEARNING OUTCOMES VS GRADUATE ATTRIBUTES VS TAXONOMY OF VERBS

PLO	Graduate Attributes											Blooms		
	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 OUTCOMES VS PROGRAMME EDUCATIONAL OBJECTIVES

PLO	PEO 1	PEO 2	PEO 3
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	Graduates will have an ability to have Social Intelligence with Social Intelligent Quotient and Emotional Quotient (SIQ & EQ)
APO 2	Graduates have virtual collaborative ability to enhance learning retention and motivation and encourage knowledge sharing and support. (VCA)
APO 3	Graduates will have critical thinking and innovative skills to stay competitive in their future careers and excel beyond the content knowledge (CTI)
APO 4	Graduates will have good digital foot print in the area of management in embarking lifelong learning techniques. (GDFFP)

VI. PROGRAMME SPECIFIC OUTCOMES

PSO 1	Able to develop proficiency in various fields of logistics management and administration
PSO 2	Enable knowledge and practical skills in development and operation of integrated logistics, supply management, warehousing, inventory, and transport will have the ability to effective use of networking for the above functions. They can work as Customer Service Manager, Fulfilment Supervisor, Supply Chain Analyst, Consultant, Transportation Manager, Warehouse Operations Manager and Entrepreneurship
PSO 3	Inculcate in students the ability to gain mastery over professional courses like MBA, CHA and other Civil Service and Competitive examinations.

VII. Curriculum Structure for BBA Logistics**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	31
III	2	DSC – Discipline Specific Courses	15	1500	47
	3	DSE – Discipline Specific Electives	10	1000	51
	4	GEC – General Elective Courses	5	500	11
IV	5	ANCC I & II – Audit Non-Credit Courses	2	Completed	
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) (10 Courses)

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	Sem	Ownership Department	Contact Hours	Credits	Marks
1.	21AEC01/ 21AEC07/ 21AEC11/ 21AEC17/ 21AEC61	Tamil – I – Tamil Nidhi -I / Hindi - I/ French – I/ Malayalam – I/ Sanskrit - I	1	Language	6	3	100
2.	21AEC21	Professional English - I	1	English	6	3	100
3.	21AEC03/ 21AEC08/ 21AEC12/ 21AEC18/ 21AEC62	Tamil – II- Tamil Nidhi -II / Hindi - II/ French – II/ Malayalam – II/ Sanskrit - II	2	Language	6	3	100
4.	21AEC23	Professional English - II	2	English	6	3	100
5.	21AEC38	Academic Skills for Commerce and Management	2	Management	3	3	100

6.	21AEC47	Statistical Applications for Management	2	Mathematics	5	3	100
7.	21AEC50	Capstone Project	2	Management	-	4	100
8.	21AEC51	Environmental Studies	4	Bio-Science	3	3	100
9.	21AEC55	Effective Communication	4	English	3	3	100
10.	21AEC53	Business Ethics and Corporate Governance	6	Management	3	3	100
Total						31	1000

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	Sem.	Contact Hours	Credits	Marks
1	21LDC01	Fundamentals of Logistics	1	3	3	100
2	21LDC02	Principles of Management	1	3	3	100
3	21LDC03	Material Management	1	4	3	100
4	21LDC04	Warehousing and Distribution Centre Operations	1	3	3	100
5	21LDC05	Freight Forwarding (Ocean & Air Cargo)	3	3	3	100
6	21LDC06	Forecasting and Inventory Management	3	3	3	100
7	21LDC07	MIS for Logistics	3	3	3	100
8	21GDC07	Cost and Management Accounting for Business	3	5	4	100
9	21GDC08	Marketing Management	3	5	4	100
10	21LDC08	International Logistics Management	3	4	3	100
11	21LDC09	Retail Logistics and E-Commerce	3	3	3	100
12	21LDC10	Port Terminal Logistics	4	4	3	100
13	21LDC11	Logistics Network Design	4	3	3	100
14	21GDC11	Human Resource Management	4	5	4	100
15	21LDC12	Logistics 4.0	4	3	2	100
Total					47	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	21LDE01	Surface Transportation	Management	3	3	100
2	21LDE02	Practical : Word and Presentation tools	Management	3	3	100
3	21LDE03	Practical : Life Skill Development	Management	3	3	100
4	21LDE04	Entrepreneurship Development	Management	4	3	100
5	21LDE05	Liner Logistics	Management	3	3	100
6	21LDE06	Practical : Tally	Management	3	2	100
7	21LDE07	Practical : Data analysis using spreadsheet	Management	3	2	100
8	21LDE08	Commercial Geography	Management	3	2	100

9	21LDE09	Apprenticeship – I	Management	19	15	100
10	21LDE10	Apprenticeship – II	Management	22	15	100
Total					51	1000

Apprenticeship Training:

During the final year of study V & VI semester the students undergo one year apprenticeship training. The Assessment for the apprenticeship training will be done by LSC (Logistics Skill Sector Council) for 100 marks.

Group 4. Generic Elective Courses (GECs) (5 Courses)

Generic Elective Courses are advanced level course for the discipline. They are not specialization specific. No overlapping with specialization courses. A student of specific discipline of any specialization can subscribe. These courses are future and recent developments in the respective discipline. The student has to subscribe any 5 courses in the following list:

S. No.	Course Code	Course Title	Sem	Ownership Depart.	Contact Hours	Credits	Marks
1	21LGE01	Introduction to Aviation Industry & Airport Operations	4	Management	3	2	100
	21LGE02	First Mile Operations					
	21LGE03	Multi model transportation					
2	21LGE04	Introduction to Air Cargo Industry	4	Management	3	2	100
	21LGE05	Last Mile Operations					
	21LGE06	Commercial aspects of Transportation					
3	21LGE07	Warehouse Automation	5	Management	5	2	100
	21LGE08	Best Practices in Transportation					

	21LGE09	Inland waterways & Coastal shipping					
4	21GEC01	Spoken Tamil	5	Management	3	3	100
	21GEC02	Spoken Hindi					
	21GEC03	Spoken Telugu					
	21GEC04	Spoken Malayalam					
	21GEC05	Spoken French					
5	21LGE10	Courier, Express & Parcel Services	6	Management	5	2	100
	21LGE11	In plant Logistics					
	21LGE12	Documentation for Exports and Imports					
Total						11	500

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 - Semester I - ANCC 1 & Semester II - ANCC 2	
Course Code	Course Name
21ANC01	Human Rights
21ANC02	Women's Rights
21ANC03	Yoga for Human Excellence
21ANC04	Indian Culture and Heritage
21ANC05	Introduction to Cyber Security
21ANC06	Consumer Protection
21ANC07	Constitution of India
21ANC08	Waste Management

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

Part V	ANCC 3 - Extension Activities
Course Code	Course Name
21ANC09	National Service Scheme
21ANC10	National Cadet Corps
21ANC11	Youth Red Cross
21ANC12	Red Ribbon Club
21ANC13	Rotaract Club
21ANC14	Sports
21ANC15	Association Activities
21ANC16	Club Activities

Group 6. Drive-Through Course (DTC)

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 the students the opportunities 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 statutory bodies

X. Semester-wise Scheme

Semester I

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
21AEC01/ 21AEC07/ 21AEC11/ 21AEC17/ 21AEC61	AEC-1: Language I Tamil-I – Tamil Nidhi -I / Hindi - I/ French– I/ Malayalam–I/ Sanskrit - I	T	3	6	50	50	100	3	SD	G/L/ R/N
21AEC21	AEC-2: English-I : Professional English - I	T	3	6	50	50	100	3	SD	G
21LDC01	DSC-1: Fundamentals of Logistics	T	3	3	50	50	100	3	EM	G
21LDC02	DSC-2: Principles of Management	T	3	3	50	50	100	3	EM	G
21LDC03	DSC-3: Material Management	T	3	4	50	50	100	3	SD	N

21ANC03	Yoga for Human Excellence	T	2	-	-		Com	-	
21ANC04	Indian Culture and Heritage								
21ANC05	Introduction to Cyber Security								
21ANC06	Consumer Protection								
21ANC07	Constitution of India								
21ANC08	Waste Management*								
Total				30+2			900	28	

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
21LDC07	DSC- 7: MIS for Logistics	T	3	3	50	50	100	3	EM	G
21GDC07	DSC-8: Cost and Management Accounting for Business	T	3	5	50	50	100	4	EM	N
21GDC08	DSC-9: Marketing Management	T	3	5	50	50	100	4	SD	G/N
21LDC08	DSC-10: International Logistics Management	T	3	4	50	50	100	3	EM	N
21LDC09	DSC-11: Retail Logistics and E-Commerce	T	3	3	50	50	100	3	EM	G/N
21LDE04	DSE-4: Entrepreneurship	T	3	4	50	50	100	3	EN	G

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	Development									
21LDE05	DSE-5: Liner Logistics	T	3	3	50	50	100	3	EM	G
21LDE06	DSE -6: Practical: Tally	P	3	3	50	50	100	2	EM	N
Total				30			800	25		

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
21LDC10	DSC-12: Port Terminal Logistics	T	3	4	50	50	100	3	EM/ EN	G
21LDC11	DSC-13: Logistics Network Design	T	3	3	50	50	100	3	EM	G
21GDC11	DSC-14: Human Resource Management	T	3	5	50	50	100	4	EM	G/N
21LDC12	DSC-15: Logistics 4.0	T	3	3	50	50	100	2	EM	N
21LDE07	DSE -7: Practical: Data analysis using spreadsheet	P	3	3	50	50	100	2	EM	N
21LDE08	DSE – 8: Commercial Geography	T	3	3	50	50	100	2	EM	G
21LGE01/ 21LGE02/ 21LGE03	GEC- 1: Introduction to Aviation Industry & Airport Operations/ First Mile Operations / Multi model transportation	T	3	3	50	50	100	2	EM	N

21ANC10	National Cadet Corps	-	3	-	-	-	Grade	-		
21ANC11	Youth Red Cross									
21ANC12	Red Ribbon Club									
21ANC13	Rotaract Club									
21ANC14	Sports									
21ANC15	Association Activities									
21ANC16	Club Activities									
Total				30			300	20		
Total							4000	140		

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
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Semester-wise Distribution of Marks and Credits:

Semester	Total Marks	Total Credits
I	700	21
II	900	28
III	800	25
IV	900	23
V	400	23
VI	300	20
Total	4000	140

OFFERED BY

List of Courses Offered by Mathematics Department

Semester	Course Code	Course Name	Program me	T/ P/E	Ins. hrs	CIA	ESE	Total Marks	Credit
II	21AEC46	AEC 6 - Statistical Applications for Management	T	3	5	50	50	100	3