ANDHRA LOYOLA COLLEGE

AUTONOMOUS :: VIJAYAWADA - 520 008

Established : 1954

A CHRISTIAN MINORITY COLLEGE WITH CONSTITUTIONALLY PROVIDED RIGHT OF ADMISSION
(AN ISO 14001 : 2015 INSTITUTION)
THE ONLY COLLEGE IN BOTH THE TELUGU STATES TO HAVE BEEN RANKED AMONG
THE TOP 150 COLLEGES BY NIRF SINCE THE INCEPTION OF THE RANKING IN 2017
SELECTED UNDER THE STAR COLLEGE SCHEME OF DBT AND FIST PROGRAMME OF DST, GOVT.OF INDIA
SELECTED FOR ENHANCEMENT OF QUALITY AND EXCELLENCE UNDER RUSA BY MHRD, GOVT.OF INDIA

COURSE STRUCTURES

A College Dedicated to All-Round Development of its Students

STRUCTURE OF THE COURSES [ODD SEMESTERS-2022-2023]

ANDHRA LOYOLA COLLEGE[AUTONOMOUS], DEPARTMENT OF ENGLISH B.Sc./B.A/B.Com/B.B.A-Semesters I, III & V (Revised CBCS) STRUCTURE OF THE COURSES [ODD SEMESTERS-2022-2023]					
GENERAL ENGLISH COURSES					
Year	**Semester**	**Course**	**Title of the Course**	**No. of Hrs/W**	**COURSE CODES**
1	I	1	ENGLISH PRAXIS COURSE-1- A COURSE IN COMMUNICATION AND SOFT SKILLS	4	ENG111ACS
SKILL DEVELOPMENT COURSE					
1	I	SDC	OFFICE SECRETARY SHIP	2	SDC111OS
CERTIFICATE COURSE					
1	I	CC	ENGLISH ENRICHMENT AND CAREER DEVELOPMENT SKILLS	2	CC111ECD
2	III	3	ENGLISH FOR EMPOWERMENT-III	4	ENG233EE
SKILL DEVELOPMENT COURSE					
2	III	SDC	DISASTER MANAGEMENT	2	SDC231DM
COURSES: ENGLISH LITERATURE					
Year	**Semester**	**Course**	**Title of the Course**	**No. of Hrs/W**	**COURSE CODES**
1	I	1	HISTORY OF ENGLISH LANGUAGE AND LITERATURE	5	ENG111HEL
2	III	3	BRITISH LITERATURE	5	ENG233BL
3	V	5	CULTURAL DIVERSITY, GENDER AND HUMAN RIGHTS	5	ENG355CD
		6	CONTEMPORARY INDIAN WRITINGS AND FILM STUDIES	5	ENG356CIW

STRUCTURE OF THE COURSES [EVEN SEMS. -2022-2023]

ANDHRA LOYOLA COLLEGE[AUTONOMOUS], DEPARTMENT OF ENGLISH B.Sc./B.A/B.Com/B.B.A-Semesters I, III & V (Revised CBCS) STRUCTURE OF THE COURSES [EVEN SEMS. -2022-2023]					
GENERAL ENGLISH COURSES					
Year	**Semester**	**Course**	**Title of the Course**	**No. of Hrs/W**	**COURSE CODES**
1	II	2	ENGLISH PRAXIS COURSE II -A COURSE IN READING & WRITING SKILLS	4	ENG122CWR
2	IV	4	ENGLISH FOR EMPOWERMENT-III	4	ENG233EE
SKILL DEVELOPMENT COURSES					
2	IV	SDC	DISASTER MANAGEMENT	2	SDC231DM
I	II	SDC	JOURNALISTIC REPORTING	2	SDC121JR
I	II	SDC	BUSINESS COMMUNICATION	2	SDC122BC
CERTIFICATE COURSE					
I	II	CC	ENGLISH PROFICIENCY FOR COMMUNICATION SKILLS	2	CC122EPCS
COURSES: ENGLISH LITERATURE					
Year	**Semester**	**Course**	**Title of the Course**	**No. of Hrs/W**	**COURSE CODES**
1	II	2	AN INTRODUCTION TO LITERARY CRITICISM & LITERARY THEORY	5	ENG122ILC
2	IV	4	LITERARY CROSS CURRENTS	5	ENG244LCC
2	IV	4A	ENGLISH FOR LANGUAGE & LINGUISTICS	5	ENG367EL
2	IV	5	ENGLISH LANGUAGE TEACHING	4	ENG368C1ELT
3	VI	**INTERNSHIP**			

Mr. N. Ranga Babu

Head, Department of English

ANDHRA LOYOLA COLLEGE (AUTONOMOUS): VIJAYAWADA:8

DEPARTMENT OF TELUGU COURSES

COURSE STRUCTURE 2022-2023

DEPARTMENT OF TELUGU - COURSE STRUCTURE B.Sc./B.A./B.Com/B.B.A -Semesters I, II & III (REVISED CBCS)					
GENERAL TELUGU					
Year	Semester	Course Code	Title of the Course	No.of Hrs/W	No.of Credits
1	I	TEL111PTK	**Pracheena Telugu Kavithvam**	4	3
	II	TEL122ATS	**Aadhunika Telugu Sahithyam**	4	3
2	III	TEL233SR	**Srujanaathmaka Rachana**	4	3
LSCs/ SDCs/ Certificate Courses					
1	I	LSC111HVPE	**HUMAN VALUES PROFESSIONAL ETHICS**	2	2

K.Sethy

HoD

ANDHRA LOYOLA COLLEGE (AUTONOMOUS): VIJAYAWADA:8

HINDI LANGUAGE
COURSE STRUCTURE 2022-23

B.Sc. Hindi Department COURSE STRUCTURE						
Year	Semester	Course Code	Title of the Course	Marks	No.of Hrs/W	No.of Credits
1	I	HIN111HGS	Hindi Gadya Sahitya	100	4	3
	II	HIN122HKS	Hindi Katha Sahitya	100	4	3
2	IV	HIN233HSK	Hindi Sahitya ka Itihas	100	4	3

K.Sathy

HoD

ANDHRA LOYOLA COLLEGE (AUTONOMOUS): VIJAYAWADA:8

SANSKRIT LANGUAGE

COURSE STRUCTURE 2022-23

B.Sc. Sanskrit Department COURSE STRUCTURE						
Year	Semester	Course Code	Title of the Course	Marks	No.ofHrs/W	No.of Credits
1	I	SAN111SSP	SamskritaSahityaParichayaha	100	4	3
	II	SAN122SSV	SamskritaSahityaVijnanam	100	4	3
2	III	SAN233SSS	SamskritaSahityaSarvaswam	100	4	3

K.Sadhy

HoD

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)
VIJAYAWADA- 520 008

DEPARTMENT OF ECONOMICS - COURSE STRUCTURE(2022-23)
SEMESER I, II,III IV,V,VI (REVISED CBCS)

Year	Semester	Course	Title of the Course	Course code	No of Hrs/Week	No of Credits
I	I	1	Microeconomic Analysis	ECO111MEA	5	4
		SDC1	Insurance Promotion	SDC111IP	2	2
		Certificate Course 1	Environmental Economics	CC111EE	4	2
	II	2	Macroeconomic Analysis	ECO122MEA	5	4
		2(B.Com)	Business Economics	COM121BE	5	4
		Certificate Course 2	Survey and Reporting	CC122SR	4	2
II	III	3	Development Economics	ECO233DE	5	4
		SDC2	Financial Markets	SDC232FM	2	2
	IV	4	Economic Development in India and Andhra Pradesh	ECO244EDIAP	5	4
		5	Statistical Methods for Economics	ECO245SME	5	4
III	V	6C	Insurance Services	ECO356IS	5	4
		7C	Banking and Financial Services	ECO357BFS	5	4
	VI		LONG TERM INTERNSHIP			

Dr. Baby Rani Bommadevara

Head, Department of Economics

ANDHRA LOYOLA COLLEGE (Autonomous), VIJAYAWADA
DEPARTMENT OF POLITICAL SCIENCE
COURSE STRUCTURE FOR THE SEMESTERS 2022-23

SEMESTER	PAPER	NAME OF THE PAPER	Course Code	NO OF HOURS	NO OF CREDITS
I	**I**	Introduction to Political Science	**POL/111**	**5**	**4**
II	II	Basic Organs of the government	**POL/122**	5	4
III	III	Indian Government and Politics	**POL/233**	5	4
IV	IV	Indian Political Process	**POL/244**	5	4
	V	Western Political Thought	**POL/245**	5	4
V	5 (6C)	Office Management	**POL/356**	5	4
	5 (7C)	Personal Administration	**POL/357**	5	4

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

CBCS – UG SYLLABUS SUBJECT REVIEW COMMITTEE

2022-2023,

(To Be Implemented From 2022-2023 Academic Year)

PROGRAMME: THREE-YEAR B.A (With History, Economics and PolSc.. Disciplines)

Domain Subject: History

(Syllabus with Outcomes, Co-curricular Activities, References& Model Q.P
for Five Courses of 1, 2, 3 & 4 Semesters)

Structure of HISTORY Syllabus under CBCS for 3-year B.A. Programme (with domain subject covered during the first 4 Semesters with 5 Courses)

Sl. No	Code	Sem	Courses I, II, III, IV & V	Name of Course (Each Course consists 5 Units with each Unit having 12 hours of class-work)	Hours/ Week	Credits	Marks Mid Sem	Marks Sem End
1		I	I	Ancient Indian History & Culture (From Indus Valley Civil. to 13 Century A.D)	5	4	25	75
2		II	II	Medieval Indian History & Culture (1206 A.D To 1764 A.D)	5	4	25	75
3		III	III	Modern Indian History & Culture (1764-1947 A. D)	5	4	25	75
4		IV	IV	History & Culture of Andhra (from 1512 to 1956 AD)	5	4	25	75
5		IV	V	History Of Modern World (From 15th Cent. AD to 1945 AD)	5	4	25	75
6		V – VI		Tourism & Hospitality Management	5	4	25	75
7		V	VI	Tourism Guidence & operations	5	4	25	75
		VI		Internship – Semester Long				

Dr. MOVVA SRINIVASA RAO,

For the academic year 2022-2023

ODD Semesters.

STRUCTURE

S.Np	Course No	Course Code	Course Title	No of Hours	No of Credits
1	Core		General psychology-1	5	5
2	Core		General psychology-2	5	5
3	Core		Developmental psychology	5	5
4	Core		Abnormal psychology	5	5
5	Core		Social psychology	5	5

Lecturer in charge.

Andhra Loyola College: Autonomous-Vijayawada

Course Structure -Public Policy-2022-2023

S.No	Course Code	Course Title	No of Hours	No of Credits
1	PP111IPP	Introduction to Public Policy	5	5
2	PP122IIC	Introduction to Indian Constitution	5	5
3	PP231IPS	Introduction to Political System	5	5
4	PP244EIA	Ethics Integrity and Attitude	5	5
5	PP245PPGG	Public Policy and Good Governance	5	5

PRINCIPAL
ANDHRA LOYOLA COLLEGE
VIJAYAWADA-8.

Andhra Loyola College: Autonomous-Vijayawada

Course Structure -Anthropology-2022-2023

S.No	Course Code	Course Title	No of Hours	No of Credits
1	ANT111MRA	Meaning Scope & Relevance of Anthropology	5	5
2	ANT122FA	Foundations of Anthropology	5	5
3	ANT231SC	Sociocultural Anthropology	5	5
4	ANT244AT	Anthropological Theories	5	5
5	ANT245SEPI	Social and Empowerment Policy of India	5	5

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ANDHRA LOYOLA COLLEGE(AUTONOMOUS) VIJAYAWADA-8

COURSE STRUCTURE

DEPARTMENT : MATHEMATICS   **YEAR : 2022-2023**

SEMESTER	COURSE CODE	TITLE OF THE COURSE	Hrs / Week	Credits
I	MAT111DE	Differential Equations	6	5
II	MAT122ASG	Analytical Solid Geometry	6	5
III	MAT233AA	Abstract Algebra	6	5
	LSC232AS	Analytical Skills	2	2
IV	MAT244RA	Real Analysis	6	5
	MAT245LA	Linear Algebra	6	5
V	MAT356NM	Numerical Methods	5	4
	MAT357MSF	Mathematical Special Functions	5	4
VI	MAT366NM	Numerical Methods	5	4
	MAT367MSF	Mathematical Special Functions	5	4

Andhra Loyola College
Department of Statistics

Course Structure for the academic year 2022-23

Year	Semester	Course Code	Course Title	Hours per Week	No. of Credits
I	I	STA111DSP	Descriptive Statistics & Theory of Probability	4	3
		STA111DSP (P)	Descriptive Statistics & Theory of Probability Practicals	2	2
	II	STA122PD	Probability Distributions	4	3
		STA122PD (P)	Probability Distributions Practicals	2	2
II	III	STA233SMS	Statistical Methods and Exact Sampling Distributions	4	3
		STA233SMS (P)	Statistical Methods and Exact Sampling Distributions Practicals by Using MS-Excel	2	2
	IV	STA244SI	Statistical Inference	4	3
		STA244SI (P)	Statistical Inference Practicals by Using MS-Excel	2	2
		STA245AS	Applied Statistics	4	3
		STA245AS (P)	Applied Statistics Practical	2	2
III	V	STA356OR	Operations Research	4	3
		STA356OR (P)	Operations Research Practicals by Using SPSS (P)	2	2
		STA357BDR	Basic Statistical Data Analysis Using R	4	3
		STA357BDR (P)	Basic Statistical Data Analysis Using R Practicals	2	2
	VI	INT361	Internship		12

Course Structure for the academic year 2022-23
For Big Data Analytics and Artificial Intelligence

Year	Semester	Course Code	Course Title	Hours per Week	No. of Credits
I	I	STA111SM	Statistical Methods	4	3
		STA111SM (P)	Statistical Methods Practicals	2	2
	II	STA122BPT	Basic Probability Theory	4	3
		STA122BPT (P)	Basic Probability Theory Practicals	2	2
II	III	STA233PD	Probability Distributions	4	3
		STA233PD (P)	Probability Distributions Practicals by using MS-Excel (P)	2	2
	IV	STA244ETH	Basic Theory of Estimation & Testing of Hypothesis	4	3
		STA244ETH (P)	Basic Theory of Estimation & Testing of Hypothesis Practicals by using MS-Excel (P)	2	2
III	V	STA355AS	Applied Statistics	4	3
		STA355AS (P)	Applied Statistics Practicals	2	2

BSc Physics Course Structure for 2022-23

ANDHRA LOYOLA COLLEGE (AUTONOMOUS) VIJAYAWADA-8					
DEPARTMENT OF PHYSICS					
COURSE STRUCTURE FOR ODD & EVEN SEMESTERS OF 2022-23					
UNDER REVISED CBCS SYSTEM FOR BSC -MPC, MPCS, MPS					
Year	Semester	Course	Title of the Course	Number of HRS / week	Number of Credits
I BSc	1	1	Mechanics, waves and Oscillations Course Code – PHY111MWO	4	4
			Practical course - I	2	1
		SDC	Electrical appliances Course Code – SDC111EA	2	2
	2	2	Wave Optics Course Code – PHY122WO	4	4
			Practical course – II	2	1
		SDC	Solar Energy Course Code -SDC122SE	2	2
First Phase of Internship					4
II BSc	3	3	Heat & Thermodynamics Course Code – PHY233TH	4	4
			Practical Course – III	2	1
	4	4	Electricity Magnetism & Electronics Course Code – PHY244EME	4	4
			Practical course – IV	2	1
		5	Modern Physics Course Code – PHY245MP	4	4
			Practical course – V	2	1
Certificate course				2	2
Second Phase of Internship					4
Skill Enhancement Courses					
III BSc	5	6C	Applications of Electricity & Electronics Course code – PHY356AEE	4	4
			Practical course – IV	2	1
		7C	Electronic Instrumentation Course code – PHY357EI	4	4
			Practical course – VII	2	1
	6	Third Phase of Internship			12

P. SREENIVASA SASTRY
HOD PHYSICS

DEPARTMENT OF CHEMISTRY
COURSE STRUCTURE
ACADEMIC YEAR 22-23

Year	Semester	Course	Title of the Course	Course code	No. of Hrs/W	No.of Credits
1	I	1	Inorganic and Physical chemistry	CHE111IPC	4	3
			Practical-I: Volumetric analysis	CHE111VA(P)	2	2
	II	2	Organic and General chemistry	CHE122OPC	4	3
			Practical-II: Analysis of salt mixture	CHE122MA(P)	2	2
2	III	3	Organic and Physical chemistry	CHE233POC	4	3
			Practical-III: Analysis of organic compounds	CHE233AOC(P)	2	2
	IV	4	Organic and spectroscopy of organic compounds	CHE244OCS	4	3
			Practical-IV: Organic Preparation and spectral analysis of organic compounds	CHE244OPSA(P)	2	2
		5	Inorganic and Physical chemistry	CH2451PC	4	3
			Practical-V: Physical and instrumental methods of analysis	2CH245PIM(P)	2	2
3	V	6	Synthetic Organic Chemistry	CHE366 SOC	3	3
			Organic preparations	CHE366SOC(P)	3	2
		7	Separation techniques and Analysis of organic compounds	CHE367SAO	3	3
			Separation and identification of organic mixture	CHE367SAO(P)	3	2
	VI		INTERNSHIP			

HOD Chemistry

ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA

B.Sc., COMPUTER SCIENCE STRUCTURE & SYLLABUS

(W.E.F.2022-2023)

DEPARTMENT OF COMPUTER SCIENCE

| Year	Semester	Course	Title of the Course	No. of Hrs/W	No. of Credits
			DEPARTMENTOFCOMPUTERSCIENCE –COURSESTRUCTURE SEMESTERI,II,III,IV, V&VI(REVISEDCBCS)		
			B.Sc.,–Maths,Physics, ComputerScience;Maths, Statistics, ComputerScience;Maths,ComputerScience,Electronics **B.Sc.,–ElectronicTechnology,ComputerScience**		
1	I	1	ProblemSolvingusingComputers& Python Programming	4	3
			PythonProgrammingLab	2	2
		LSC	ComputerApplications	2	2
	II	2	DataStructures	4	3
			DataStructuresusing'C' Lab	2	2
		LSC	ComputerApplications	2	2
2	III	3	DatabaseManagementSystems	4	3
			MySQL Lab	2	2
	IV	4	OperatingSystem	4	3
			UnixLab	2	2
		5	ObjectOrientedProgrammingwithJava	4	3
			Javalab	2	2
3	V	6A	WebInterfaceDesigningTechnologies	3	3
			Web Technology lab (HTML&CSS)	3	2
		7A	WebApplicationsDevelopmentusingPHP& MYSQL	3	3
			PHP&MySqlLAB)	3	2
	VI		INTERNSHIP		

(CS.A.B.NEHRU)

DEPARTMENT OF ARTIFICIAL INTELLIGENCE
COURSE STRUCTURE 2021-2022
SEMESTER I, II ,III,IV

Semester	Paper	Subject	Course Code	Hrs	Credits	Total
Semester I	1	Programming using C	CSC111PC	4	3	100
		C programming Lab	CSC111CP (P)	3	2	100
	2	Application Based programming in Python	CSC112APP	4	3	100
		Python Lab	CSC112PT (P)	3	2	100
Semester II	3	Introduction to AI & ML	CSC123IAM	4	3	100
		Machine Leaning in Python	CSC123IAM (P)	3	2	100
	4	Database Management Systems	CSC124DMS	4	3	100
		MySQL Lab	CSC124DMS (P)	3	2	100
Semester III	5	ICT-2	SDC121DLA	3	3	100
		ICT Lab	SDC121DLA(P)	3	2	100
	6	Applied Machine learning	CSC236AML	4	3	100
		Advanced Python Lab	CSC236ADP (P)	3	2	100
	7	Object Oriented Programming with Java	CSC237OPJ	4	3	100
		Java Lab	CSC237JAVA (P)	3	2	100
Semester IV	8	Theoretical ML	CSC248TML	4	3	100
		ML Lab	CSC248AP (P)	3	2	100
	9	Statistical ML	CSC249SML	4	3	100
		Advanced R Programming Lab	CSC249R(P)	3	2	100
	10	Digital Computer Organization & Introduction to Computer System Architecture	CSC24XDCO	4	3	100
		PHP Lab	CSC24XPHP (P)	3	2	100

Year	Semester	Course	DEPARTMENT OF ARTIFICIAL INTELLGENCE COURSE STRUCTURE SEMESTER I, II, III, IV, V & VI	No. of Hrs/W	No. of Credits

B. Sc.,- Maths, Statistics, Artificial Intelligence (2022-2023)

Year	Semester	Course	Title of the Course	No. of Hrs/W	No. of Credits
1	I	1	Programming using 'C'	4	3
			C Programming Lab	2	2
		2	Data Base Management Systems	4	3
			MYSQL Lab	2	2
		FOU	Computer Applications	2	2
		SDC-1	Introduction to Python	2	2
	II	3	Introduction to AI & ML	4	3
			Machine Learning in Python	2	2
		4	Computer Networks	4	3
			CN Lab	2	2
		SDC-2	Deep Learning AI	2	2
		SDC-3	AI with Python	2	2
2	III	5	Information Communication Technology (ICT-2)	4	3
			ICT-2 LAB	2	2
		6	Applied Machine Learning	4	3
			Advanced Python Lab	2	2
		7	Object Oriented Programming With Java	4	3
			Java Lab	2	2
	IV	8	Design and Analysis of Algorithms	4	3
			Design and Analysis of Algorithms Lab	2	2
		9	Statistical Machine Learning (SML)	4	3
			Advanced R Programming Lab	2	2
		10	Data Structures	4	3
			Data structures using C Lab	2	2
			Software Engineering	4	3
			Software Design Tools Lab	2	2

3	**V**	11	**Introduction to Neural Networks and Deep Learning**	**4**	**3**
			Neural Networks Lab	**2**	**2**
		12	**Operating Systems**	**4**	**3**
			Unix Lab	**2**	**2**
		13	**Natural Language Processing (NLP)**	**4**	**3**
			NLP Lab	**2**	**2**
		14	**Theoretical Machine Learning**	**4**	**3**
			Theoretical Machine Learning Lab	**2**	**2**
		15	**Digital Logic Design and Computer System Architecture**	**4**	**3**
			NLP Lab	**2**	**2**
	VI		**INTERNSHIP**		
Certificate Course 1			**AI for Every one**	**3**	**2**
Certificate Course 2			**Object Oriented Programming Using C++**	**3**	**2**
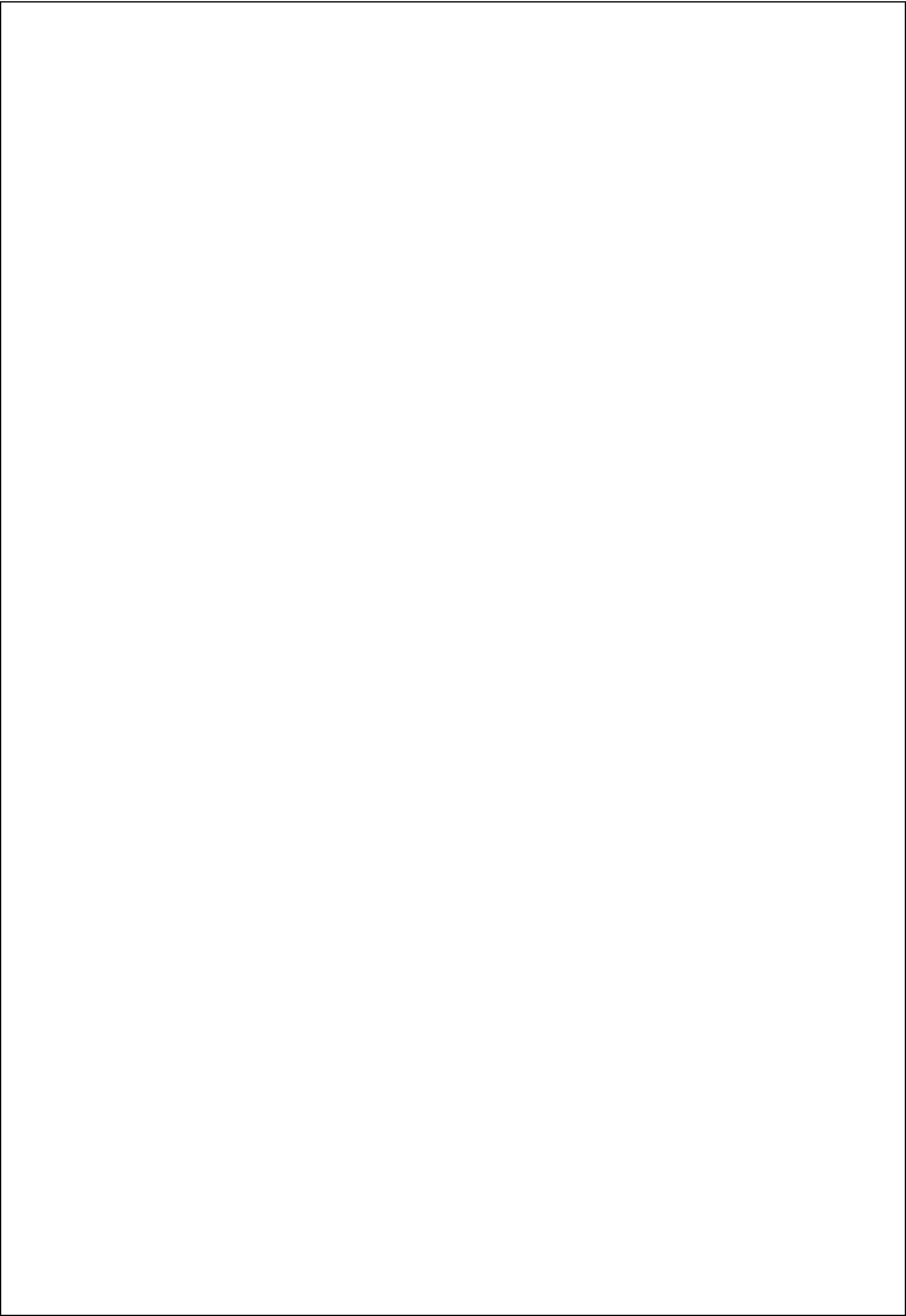
BCA COURSE STRUCTURE

Semester I

S.No	Paper Code	Subject	Hours/ Week	No of Credits
1.		English – I	4	3
2.		Language(H/T/S) – I	4	3
3.		Life Skill Course – I	2	2
4.		Skill Development Course – I	2	2
5.	C1	Computer Fundamentals & Office tools	4	4
	C1-P	Computer Fundamentals & Office tools-Lab	2	1
6	C2	Programming in C	4	4
	C2-P	Programming in C Lab	2	1
7.	C3	Numerical and Statistical Methods	4	4
	C3-P	Numerical and Statistical Methods-Lab	2	1

II Semester

S.No	Paper Code	Subject	Hours/ Week	No of Credits
1.		English – II	4	3
2.		Language(H/T/S) – II	4	3
3.		Life Skill Course – II	2	2
4.		Skill Development Course – II	2	2
5.		Skill Development Course – III	2	2
6.	C4	Data Structures	4	3
	C4-P	Data Structures Lab	2	2
7.	C5	Object Oriented Analysis & Design	4	3
	C5-P	Object Oriented Analysis & Design Lab	2	2
8.	C6	Database Management Systems	4	3
	C6-P	Database Management Systems Lab	2	2

Semester III

S.No	Paper Code	Subject	Hours/ Week	No of Credits
1.		English –III	4	3
2.		Language(H/T/S) – III	4	3
3.		Life Skill Course – III	2	2
4.		Life Skill Course – IV	2	2
5.		Skill Development Course – IV	2	2
6.	C7	Accounting and Financial Management	4	3
	C7-P	Accounting and Financial Management Lab	2	2
7.	C8	Object Oriented Programming Through Java	4	3
	C8-P	Object Oriented Programming Through Java Lab	2	2
8.	C9	Operating Systems	4	3
	C9-P	Operating Systems Lab	2	2

IV Semester

S. No	Paper Code	Subject	Hours/ Week	No of Credits
1.	C10	Cyber Laws	4	3
	C10-P	Cyber Laws Lab	2	2
2.	C11	Data Mining and Data Warehousing	4	3
	C11-P	Data Mining and Data Warehousing Lab	2	2
3.	C12	Web Programming	4	3
	C12-P	Web Programming Lab	2	2
4.	C13	Design of Object Oriented Applications	4	3
	C13-P	Design of Object Oriented Applications Lab	2	2
5.	C14	Data Analytics using R	4	3
	C14-P	Data Analytics using R Lab	2	2
6.	C15	Object Oriented Software Engineering	4	3

Semester IV

S. No.	Paper Code	Subject	Hours per week	Credits
1	SEC-1	Machine Learning Using Python	4	3
	SEC-1P(Lab)	Python Lab	2	2
2	SEC-2	Digital Imaging	4	3
	SEC-2P(Lab)	Digital Imaging Lab	2	2
3	SEC-3	Cyber Security and Malware Analysis	4	3
	SEC-3P(Lab)	Cyber Security and Malware Analysis Lab	2	2
4	SEC-4	Internet of Things	4	3
	SEC-4P(Lab)	Internet of Things Lab	2	2
5	SEC-5	Mobile Application Development	4	3
	SEC-5P(Lab)	Mobile Application Development Lab	2	2
6	SEC-6	Computer Networking and PC trouble shooting	4	3
	SEC-6P(Lab)	Computer Networking and PC trouble shooting Labs	2	2

ANDHRA LOYOLA COLLEGE (AUTONOMOUS): VIJAYAWADA-8
B.Sc. - Mathematics, Computer Science, Electronics : COURSE STRUCTURE

SEM	Course / Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
I	ELE111NAE	Network Analysis and Analog Electronics	4	3		
	ELE111NAE(P)	Practical 1 - N/W Analysis and Analog Electronics Lab			2	2
	ELE112FEC	Fundamentals of Electrical and Electronic Components	4	3		
	ELE112FEC(P)	Practical 2 - Fundamentals of Electrical and Electronic Components Lab			2	2
	SDC	Electrical Applinaces	2	2		
	CC 1	Certificate Course 1	4	2		

SEM	Course / Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
II	ELE123LDC	Linear and Digital Integrated Circuits	4	3		
	ELE123LDC(P)	Practical 3 - Linear and Digital Integrated Circuits Lab			2	2
	ELE124PEP	PCB and Electronic Product Design	4	3		
	ELE124PEP(P)	Practical 4 - PCB and Electronic Product Design Lab			2	2
	CC 2	Design and Fabrication of Electronic Circuits			2	1

SEM	Course / Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
III	ELE235MP	Microprocessors	4	3		
	ELE235MP(P)	Practical 5 - Microprocessors Lab			2	2
	ELE236LDF	LED Lighting Design Fundamentals and Applications	4	3		
	ELE236LDF(P)	Practical 6 - Luminaries Lab			2	2
	CC 3	Certificate Course 3	2	1		

SEM	Course / Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
IV	ELE247EI	Electronic Instrumentation	4	2		
	ELE247EI(P)	Practical 7 - Electronic Instrumentation Lab			2	2
	ELE248MCI	Micro Controller and Interfacing	4	2		
	ELE248MCI(P)	Practical 8 - Micro Controller and Interfacing Lab			2	2

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
V	ELE359MCI	Micro Controller and Interfacing	3	3		
	ELE359MCI(P)	Practical 9 - Micro Controller and Interfacing Lab			3	2
	ELE35XCS	Communication Systems	3	3		
	ELE35XCS(P)	Practical 10 - Communication Systems Lab			3	2

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
VI	PRJ360ELE	Industrial Training				30

B. Balasturn
HOD, Electronics
Chairman, BoS

ANDHRA LOYOLA COLLEGE (AUTONOMOUS): VIJAYAWADA-8
B.Sc. - Computer Science, Electronics Technology : COURSE STRUCTURE

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
I	ELE111NAE	Network Analysis and Analog Electronics	4	3		
	ELE111NAE(P)	Practical 2 - N/W Analysis and Analog Electronics Lab			2	2
	ELE112FEC	Fundamentals of Electrical and Electronic Components	4	3		
	ELE112FEC(P)	Practical 2 - Fundamentals of Electrical and Electronic Components Lab			2	2
	ELT111CE	Consumer Electronics	4	3		
	SDC	Electrical Applinaces	2	2		
	ELT111WHS	Work Shop			2	2
	CC 1	Certificate Course 1	4	2		

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
II	ELE123LDC	Linear and Digital Integrated Circuits	4	3		
	ELE123LDC(P)	Practical 3 - Linear and Digital Integrated Circuits Lab			2	2
	ELE124PEP	PCB and Electronic Product Design	4	3		
	ELE124PEP(P)	Practical 4 - PCB and Electronic Product Design Lab			2	2
	ELT122PMT	PC Maintenance and Trouble Shooting	4	3		
	ELT122WHS(P)	Engineering Drawing			2	2
	CC 2	Design and Fabrication of Electronic Circuits			2	1

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
III	ELE235MP	Microprocessors	4	3		
	ELE235MP(P)	Practical 5 - Microprocessors Lab			2	2
	ELE236LDF	LED Lighting Design Fundamentals and Applications	4	3		
	ELE236LDF(P)	Practical 6 - Luminaries Lab			2	2
	ELT233VLD	VLSI Design	4	3		
	ELT233VLD(P)	VLSI Design Lab			2	2
	ELT234BN	Basics of Networks	4	2		
	CC 3	Certificate Course 3	3	2		

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
IV	ELE247EI	Electronic Instrumentation	4	2		
	ELE247EI(P)	Practical 7 - Electronic Instrumentation Lab			2	2
	ELE248MCI	Micro Controller and Interfacing	4	2		
	ELE248MCI(P)	Practical 8 - Micro Controller and Interfacing Lab			2	2
	ELT245CNS	Computer Networks and Network Security	4	2		

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
V	ELE35XIVIS(P)	Industrial Training				30

SEM	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
VI	ELE36XCS	Communication Systems	3	3		
	ELE36XCS(P)	Practical 10 - Communication Systems Lab			3	2
	ELE36XIAMC	Advanced Microcontrollers	3	3		
	ELE36XIAMC(P)	Practical 11-Advanced Microcontrollers Lab			3	2
	ELE36XIIPE	Power Electronics	3	3		
	ELE36XIIPE(P)	Practical 12 - Power Electronics Lab			3	2
	ELE36XIIIRES	Renewable Energy Sources	3	3		
	ELE36XIIIRES(P)	Practical 13 - Renewable Energy Sources Lab			3	2

A. Belani New
HoD, Electronics
Chairman, BoS

S. No.	Semester	Title of the Course (Paper)	COURSE CODES	Hours /week	Credits
1.	SEM.-1/ Course-I	FundamentalsofMicrobesandNon-vascular Plants	BOT-111-FMN	04	03
	Course-I Practical	FundamentalsofMicrobesandNon-vascular Plants	BOT-111-FMN	03	02
2.	SEM.-11/ Course-2	BasicsofVascularplantsandPhytogeography	BOT-122-BVP	04	03
	Course-2 Practical	BasicsofVascularplantsandPhytogeography	BOT-122-BVP	03	02
3.	SEM.-III/ Course-3	AnatomyandEmbryologyofAngiosperms, PlantEcologyandBiodiversity	BOT-233-AEA	04	03
	Course-3 Practical	AnatomyandEmbryologyofAngiosperms, PlantEcologyandBiodiversity	BOT-233-AEA	03	02
4.	SEM.-IV Course-4	PlantPhysiologyandMetabolism	BOT-244-PPM	03	03
	Course-4Practical	PlantPhysiologyandMetabolism	BOT-244-PPM	03	02
5.	SEM.-IV Course-5	CellBiology,GeneticsandPlantBreeding	BOT-245-CGP	04	03
	Course-5Practical	CellBiology,GeneticsandPlantBreeding	BOT-245-CGP	03	02
6.	**SEM -V** Course-6-C	TISSUE CULTURE	BOT-356	03	03
	Course-6-C-Practical	TISSUE CULTURE	BOT-356 -TC	03	02
	SEM -V Course-7-C	MUSHROOM CULTIVATION	BOT-35-MC	03	03
	Sem-V Course-6-C	MUSHROOM CULTIVATION	BOT-35-MC	03	02
	SEM -1 SDC 1	**PLANT NURSERY**	BOT-I11-PN	2	2

SEM-2 SDC-2	**FRUIT AND VEGETABLE PRESERVATION**	BOT-122-FVP	2	2
SEM-2 CC	**MUSHROOM CULTIVATION**	BOT-122- CC	3	2

ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA
ZOOLOGY Syllabus COURSE STRUCTURE
For the Academic Year 2022-2023

YEAR	SEM	COURSE	COURSE CODE	COURSE TITLE	Hrs/wk	CREDITS
I	I	I	ZOO111 ADB	ANIMAL DIVERSITY- I:BIOLOGY OF NON CHORDATES (T)	4	3
			ZOO111 ADB (P)	ANIMAL DIVERSITY- I: BIOLOGY OF NON CHORDATES (P)	2	2
	II	II	ZOO122 ADB	ANIMAL DIVERSITY-I I: BIOLOGY OF CHORDATES (T)	4	3
			ZOO122 ADB(P)	ANIMAL DIVERSITY-I I: BIOLOGY OF CHORDATES (P)	2	2
II	III	III	ZOO233 CBGM	CELL BIOLOGY, GENETICS MOLECULAR BIOLOGY AND EVOLUTION(T)	4	3
			ZOO233 CBGM(P)	CELL BIOLOGY, GENETICS MOLECULAR BIOLOGY AND EVOLUTION (P)	2	2
	IV	IV	ZOO244 APCM	ANIMAL PHYSIOLOGY,CELLULAR METABOLISM AND EMBRYOLOGY(T)	4	3
			ZOO244 APCM(P)	ANIMAL PHYSIOLOGY,CELLULAR METABOLISM AND EMBRYOLOGY(P))	2	2
		V	ZOO245IAB	IMMUNOLOGY AND ANIMAL BIOTECHNOLOGY	4	3
			ZOO245IAB (P)	IMMUNOLOGY AND ANIMAL BIOTECHNOLOGY	2	2
III	V	VI	ZOO356 BDA	LIVESTOCK MANAGEMENT-I (BIOLOGY OF DAIRY ANIMALS(T)	3	3
			ZOO356 BDA(P)	LIVESTOCK MANAGEMENT-I (BIOLOGY OF DAIRY ANIMALS) (P)	2	2
		VII	ZOO357 DPM	LIVESTOCK MANAGEMENT-II (DAIRY PRODUCTION AND MANAGEMENT)	3	3
			ZOO357 DPM(P)	LIVESTOCK MANAGEMENT-II II (DAIRY PRODUCTION AND MANAGEMENT	3	2
		VI	ZOO366 BDA	LIVESTOCK MANAGEMENT-I (BIOLOGY OF DAIRY ANIMALS(T)	3	3
			ZOO366 BDA(P)	LIVESTOCK MANAGEMENT-I (BIOLOGY OF DAIRY ANIMALS) (P)	2	2
	VI	VIII	ZOO367 DPM	LIVESTOCK MANAGEMENT-II (DAIRY PRODUCTION AND MANAGEMENT)	3	3
			ZOO367 DPM(P)	LIVESTOCK MANAGEMENT-II II (DAIRY PRODUCTION AND MANAGEMENT	3	2

Head of the Department of Zoology
Andhra Loyola College (Autonomous)
VIJAYAWADA – 520 008

ANDHRA LOYOLA COLLEGE (Autonomous), VIJAYAWADA
DEPARTMENT OF MICROBIOLOGY
COURSE STRUCTURE FOR A.Y: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Structure of B.Sc Microbiology

2022-23

DEPARTMENT; Microbiology

SEM	CORE/ Foundation Course (FC) / Certificate Course	COURSE CODE	COURSE TITLE	No.of Hrs/W	No. of Credits
1	Core 1 - Theory	MIB111IMT	Introduction to microbiology and microbial diversity	4	3
	Core 1 - Lab	MIB111IMT(P)	Introduction to microbiology and microbial diversity	3	3
	SDC, If any				
	LSC, If any				
	CC, If any				
II	Core 2 - Theory	MIB122MPB	Microbial physiology and biochemistry	4	3
	Core 2 - Lab	MIB122MPB(p)	Microbial physiology and biochemistry	4	3
	SDC, If any	SDC121DM	Dairy Microbiology	2	2
	LSC, If any				
	CC, If any				
III	Core 3 - Theory	MIB233MMG	Medical microbiology and immunology	4	3
	Core 3 - Lab	MIB233MMG(P)	Medical microbiology and immunology	4	3
	Core 3- Theory	MIB234IMB(T)	Industrial microbiology		
	Core 3-lab	MIB234IMB	Industrial microbiology		
	CC, If any				
IV	Core 4 - Theory	MIB244IMB	Molecular biology and microbial genetics	4	3
	Core 4 - Lab	MIB244IMB(P)	Molecular biology and microbial genetics		

	FC If any				
	GE, If any				
	CC, If any				
V	Core 5 - Theory		Food, agriculture and environmental microbiology	4	4
	Core 5 - Lab		Food, agriculture and environmental microbiology	4	4
	Core 6 - Theory		Management of human microbial diseases and diagnosis	4	4
	Core 6 - Lab		Management of human microbial diseases and diagnosis	4	4
VI	Core 7 - Theory			4	4
	Core 7 - Lab			4	4
	Cluster A - Theory	INT351	Internship	6MONTHS	12
	Cluster A - Lab			4	4
	Cluster B - Theory			4	4
	Cluster B - Lab			4	4
	Cluster C - Theory			4	4
	Cluster C - Lab			4	4

Dr. LBalachandra.

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ANDHRA LOYOLA COLLEGE (AUTONOMOUS): VIJAYAWADA
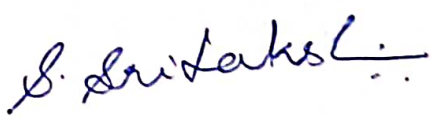
DEPARTMENT: BIOTECHNOLOGY

ACADEMIC YEAR - 2022-23

Year	Sem	Course	Title of the Course	COURSE CODE	Hrs/W	No. of Credits
1	I	1	Cell Biology, Genetics	BTY111CBG	4	3
		LAB	Cell Biology, Genetics(P)	BTY111CBG(P)	3	2
	II	2	Bioanalytical techniques and Biostatistics	BTY122BTB	4	3
		LAB	Bioanalytical techniques and Biostatistics(P)	BTY122BTB(P)	3	2
2	III	3	Molecular Biology	BTY233MB	4	3
		LAB	Molecular Biology(P)	BTY233MB(P)	3	2
		4	Immunotechnology	BTY244IMT	4	3
		LAB	Immunotechnology(P)	BTY244IMT(P)	3	2
3	IV	5	rDNA technology	BTY245RT	3	3
		LAB	rDNA technology	BTY245RT(P)	3	2
	VI	6	Plant and Animal Biotechnology	BTY366PAB	3	3
		LAB	Plant and Animal Biotechnology(P)	BTY366PAB(P)	3	2
		7	Environmental and Industrial Biotechnology	BTY367EIB	3	3
		LAB	Environmental and Industrial Biotechnology	BTY367EIB(P)	3	2

VALUE ADDED COURSES

	SEM	TYPE	Title of the Course	COURSE CODE	Hrs/W	No. of Credits
SDC	I	Skill Develd	Computational Biology	SDC111CB	2	1
SDC	I	Skill Develd	Food Biotechnology	SDC121FB	2	2
SDC	II	Skill Develd	Forensic Science	SDC241FS	2	2

S. Srilaksh...

... the Department of Biotechnology
Andhra Loyola College (Autonomous)
VIJAYAWADA – 520 008

ANDHRA LOYOA COLLEGE (AUTONOMOUS): 520008

DEPARTMENT OF FOOD TECHNOLOGY

COURSE STRUCTURE AY – 2022-23

Year	Sem	Course	Title of the Course	COURSE CODE	Hrs/W	No. of Credits
1	I	Paper 1	Food Chemistry	FTE111FC	4	3
		Lab	Food Chemistry	FTE111FC	2	2
		Paper 2	Food Biochemistry and Nutrition	FTE112FNB	4	3
		SDC	Food Infestation Control	SDC111FIC	2	2
	II	Paper 3	Industrial Processing Equipment	FTE123IPE	4	3
		Paper 4	Food Additives and Toxicology	FTE124FAT	4	3
		Lab	Food Additives and Toxicology	FTE122FAT (P)	2	2
		SDC	Fruit and Vegetable Preservation	SDC121FVP	2	2
		CC	Baking and Confectionery	CC121BC	3	1
2	III	Paper 5	Post Harvest Technology of Field Crops	FTE235PHT	4	5
		Paper 6	Technology of Milk and Milk Products	FTE236TMP	4	3
		Lab	Technology of Milk and Milk Products	FTE236TMP(P)	2	2
		SDC	Nutraceuticals	SDC241NUT	2	2
	IV	Paper 7	Technology of Oils & Fats	FTE247TOF	4	3
		Lab	Technology of Oils & Fats	FTE247TOF (P)	2	2
		Paper 8	Technology of Confectionery	FTE248TOC	4	3
		Lab	Technology of Confectionery	FTE248TOC (P)	2	2
3	V	Paper 9	Technology of Meat, Fish, Poultry and their Products	FTE357TMFP	4	3
		Lab	Technology of Meat, Fish, Poultry and their Products	FTE355TMFP (P)	2	2
		Paper 10	Baking Science and Technology	FTE358BST	4	3
		Lab	Baking Science and Technology	FTE356BST(P)	2	2
	VI		INTERNSHIP	INT361		12

Dr. kBalachandra.

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ANDHRA LOYOLA COLLEGE (AUTONOMOUS)
DEPARTMENT OF COMMERCE
B.COM PROGRAMME STRUCTURE

2022-23 B COM - GENERAL					
DEPARTMENT		**COMMERCE**			
SEM	CORE/ Foundation Course (FC) / Certificate Course	COURSE CODE	COURSE TITLE	No.of Hrs/W	No. of Credits
I	Core 1 - Theory		Fundamentals of Accounting	5	4
	Core 1 - Theory		Business organisation and management	5	4
	core 1- theory		Business evnvironment	5	4
	core 1- lab		information technology	5	4
	SDC, If any		Office Secretaryship	2	4
	LSC, If any		HVPE	2	2
	CC, If any				
II	Core 2 - Theory		financial accounting	5	4
	core 2- Theory		Business economics	5	4
	core 2-lab		E commerce and Web designing	5	4
	Core 2 - Theory		banking thory and practice	5	4
	SDC, If any		Logistics & Supply Chain Management	2	2
	SDC, If any		Advertising	2	2
	LSC, If any		Entrepreneurship	2	2
	CC, If any				
III	Core 3 - Theory		Advanced accounting	5	4
	Core 3 - Theory		Business Statistics	5	4
	core 3- Theory		Marketing	5	4
	SDC, If any		Insurance promotion	2	2
	LSC, If any				
	LSC, If any				
IV	Core 4 - Theory		Corporate Accounitng	5	4
	Core 4 - Theory		Cost and management accounting	5	4
	Core 4 - Theory		Income tax	5	4
	Core 4 - Theory		business law	5	4
	Core 4 - Theory		auditing	5	4
	Core 4 - Theory		Goods and Service Tax	5	4
V	Core 6 - Theory		Stock markets	5	4

	CORE/ Foundation Course (FC) / Certificate Course	COURSE CODE	COURSE TITLE	No.of Hrs/W	No. of Credits
	Core 6 - Theory		stock market analysis	5	4
	Core 6 - Theory		advanced corporate accounting	5	4
	Core 6 - Theory		soft ware solutions to accounting	5	4
	Core 6 - Theory		life insurance procedure and practice	5	4
	Core 6 - Theory		general insurance procedure & Practice	5	4
	Core 6 - Theory		Adverting and meida planning	5	4
	Core 6 - Theory		sales promotion	5	4
	Core 6 - Theory		GST with Tally	5	4
	Core 6 - Theory		Income tax procedure and practice	5	4
VI	INTERNSHIP				

2022-23 B COM - COMPUTERS

DEPARTMENT		COMMERCE			
SEM	CORE/ Foundation Course (FC) / Certificate Course	COURSE CODE	COURSE TITLE	No.of Hrs/W	No. of Credits
I	Core 1 - Theory		Fundamentals of Accounting	5	4
	Core 1 - Theory		Business organisation and management	5	4
	core 1- theory		Business evnvironment	5	4
	core 1- lab		information technology	5	4
	SDC, If any		Office Secretaryship	2	4
	LSC, If any		**HVPE**	2	2
	CC, If any				
II	Core 2 - Theory		financial accounting	5	4
	core 2- Theory		Business economics	5	4
	core 2-lab		E commerce and Web designing	5	4
	Core 2 - Theory		banking thory and practice	5	4
	SDC, If any		Logistics & Supply Chain Management	2	2
	SDC, If any		Advertising	2	2
	LSC, If any		Entrepreneurship	2	2

	CC, If any				
III	Core 3 - Theory		Advanced accounting	5	4
	Core 3 - Theory		Business Statistics	5	4
	core 3- Theory		Programming with C &c++	3+2	4
	SDC, If any		Insurance promotion	2	2
	LSC, If any				
	LSC, If any				
IV	Core 4 - Theory		Corporate Accounitng	5	4
	Core 4 - Theory		Cost and management accounting	5	4
	Core 4 - Theory		Income tax	5	4
	Core 4 - Theory		business law	5	4
	Core 4 - Theory		Programming with Java	3+2	4
	Core 4 - Theory		Data base management system	3+2	4
V	Core 6 - Theory		Stock markets	5	4
	Core 6 - Theory		stock market analysis	5	4
	Core 6 - Theory		advanced corporate accounting	5	4
	Core 6 - Theory		soft ware solutions to accounting	5	4
	Core 6 - Theory		life insurance procedure and practice	5	4
	Core 6 - Theory		general insurance procedure & Practice	5	4
	Core 6 - Theory		Adverting and meida planning	5	4
	Core 6 - Theory		sales promotion	5	4
	Core 6 - Theory		Big data analysis with R programming	3+2	4
	Core 6 - Theory		python	3+2	4
VI	INTERNSHIP				

Dr B Syam Sundar
HOD-Commerce
Andhra Loyola College
Vijayawada

			2022-23		
DEPARTMENT		**BBA(GENERAL)**			
SEM	CORE/ Foundation Course (FC) / Certificate Course	COURSE CODE	COURSE TITLE	No. of Hrs/ W	No. of Credits
1	Core 1 - Theory	Language	English	4	3
		LSC111HVPE	HVPE	2	2
		SDC111PR	Public Relations	2	2
		Core:BBA111POM	Principles of Management	5	4
		Core:BBA111BO	Business Organization	5	4
		Core:BBA111FOA	Fundamentals of Accounting	5	4
		Core::BBA111BST	Business Statistics	5	4
II	Core 2 - Theory	Language	English	4	3
		SDC121AD	Advertising	2	2
		SDC122BC	Business Communication	2	2

		Core:BBA121ECS	Ethics and Corporate Social Responsibility	5	4
		Core:BBA121BENV	Business Environment	5	4
		Core:BBA121FA	Financial Accounting	5	4
		Core:BBA121ME	Managerial Economics	5	4
		LSC121CA	Life Skill Course (CA)	2	2
		ALN21CS	ALANA		
III	Core 3 - Theory	Language	English	4	3
		LSC231ENVE	Life Skill Course (ENVE) - 1	2	2
		LSC232PDL	Life Skill Course (PDL) - 2	2	2
		SDC231RET	Retailing	2	2
		Core:BBA231HR	Human Resource Management	5	4

IV		Core:BBA231OB	Organizational Behaviour	5	4
		Core:BBA231FM	Financial Management	5	4
		Core:BBA231FOM	Fundamentals of Marketing	5	4
		Core:BBA231BR	Business Research	6	4
IV	Core 4 - Theory	CoreBBA241TD	Training and Development	5	4
		Core:BBA241BL	Business Law	5	4
		Core:BBA241MSMEM	Micro Small and Medium Enterprises Management	5	4
		Core:BBA241IB	International Business	5	4
		CoreBBA241CMA	Cost and Management Accounting	5	4
		CoreBBA241FS	Financial Services	5	4
V	Core 5 - Theory	BBA 351 TM	Talent Management	5	4
	Core 5 - Theory	BBA 352 GHRM	Global Human Resource Management	5	4

	Core 5 - Theory	BBA 353 EI	Export and Import	5	4
	Core 5 - Theory	COM 355 FEM	Foeign Exchange Management	5	4
	Core 5 - Theory	BBA 354 BM	Brand Management	5	4
	Core 5 - Theory	COM 356 EP	E-payments	5	4
VI		INT351	Internship/Apprenticeship/ On Job Training		

T.JAGADISH

Head, Department of Business Administration

Chairman, Board of Studies

Department	AVIATION MANAGEMENT			I, III & V SEMESTERS : 2022-2023		
Course Structure						
Year	Semester	Category	Course Code	Course Title	Hrs/W	Credits
I	I	COURSE 1	BBA111ACS	Airline Customer Service	5	4
		COURSE 2	BBA111IAC	Introduction to Air Cargo	5	4
		COURSE 3	BBA111FAM	Fundamentals Of Aviation Management	5	4
		COURSE 4	BBA111ATI	Airlines Travel & Tourism Industry	5	4
2	III	COURSE 5	BBA231BS	Business Statistics	4	4
		Course 6 -	BBA231OB	Organisational Behaviour	4	4
		Course 7	BBA231ARO	Airports & Ramp Operations	4	4
		COURSE 8	BBA231ATC	Air Traffic Controls	4	4
		COURSE 9	BBA231AMM	Aircraft Maintenance Management	4	4
		COURSE 10	BBA231ATS	Air Transportation Safety & Security	4	4
		SDC	BBA231CT	Culnary Tourism (CC)	2	2
		LSC	BBA231MT	MICE Tourism (SDC)	2	2
3	V	Course 11 - Theory	BBA351BL	Business Laws	5	4
		Course 12 - Theory	BBA351IR	Industrial Relations	5	4
		Course 13 - Theory	BBA351TFAE	Travel Formalities & Airport Essentials	5	4
		Course 14 - Theory	BBA351ATFO	Air Transport & Flight Operations	5	4
		Course 14- Theory	BBA351MAP	Managing Airports- An International Perspective	5	4
		Course 16 - Theory	BBA351ASO	Awareness of Aviation Security & On board Emergencie	5	4

Department	AVIATION MANAGEMENT			II/IV/VI SEMESTERS : 2022-2023		
Course Structure						
Year	Semester	Category	Course Code	Course Title	Hrs/W	Credits
I	II	COURSE 1	BBA121AOS	Airport Operations	5	4
		COURSE 2	BBA121ACM	Aircargo Management	5	4
		COURSE 3	BBA121AMM	Airlines & Airport Marketing Management	5	4
		COURSE 4	BBA121TAO	Travel Agency Operations	5	4
2	IV	COURSE 5	BBA241APH	Aviation Psychology & Human Factor	4	4
		Course 6 -	BBA241STC	Serving the Travel Customers	4	4
		Course 7	BBA241ANP	Airline Networking & Planning & Scheduling	4	4
		COURSE 8	BBA241ASM	Aviation Security Management	4	4
3	VI	INTERNSHIP		FOUR MONTH INTERNSHIP		12

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BBA LOGISTICS

COURSE STRUCTURE

Academic Year 2022-23

SEMESTER I

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
				CIA	SEM END
1	Eng111ACS	LANGUAGE – I ENGLISH	3	50	50
2	BBA111FL	FUNDAMENTALS OF LOGISTICS	4	50	50
3	BBA111POM	PRINCIPLES OF MANAGEMENT	4	50	50
4	BBA111BO	BUSINESS ORGANIZATION	4	50	50
5	BBA111MM	MATERIALS MANAGEMENT	4	50	50
6	BBA111WD	WAREHOUSING & DISTRIBUTION CENTRE OPERATIONS	4	50	50
		TOTAL CREDITS	23		

SEMESTER II

S.No	CODE	NAME OF THE COURSE	CREDITS	CIA	SEM END
1	Eng121ACS	LANGUAGE – I ENGLISH	3	50	50
2	BBA121BST	BUSINES STATISTICS	4	50	50
3	BBA121FF	FRIEGHT FORWARDING	4	50	50
4	BBA121FIM	FORECASTING & INVENTORY MANAGEMENT	4	50	50
5	BBA121ST	SURFACE TRANSPORTATION	4	4	50
6	BBA121OB	ORGANISATION BEHAVIOUR	4	50	50
7	Eng121ACS	LANGUAGE – I ENGLISH	4	50	50
		TOTAL CREDITS	23	50	50

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BBA LOGISTICS

COURSE STRUCTURE

Academic Year 2022-23

SEMESTER III

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
				CIA	SEM END
1	BBA231MIS	MIS FOR LOGISTICS	4	50	50
2	BBA231ILM	INTERNATIONAL LOGISTICS MANAGEMENT	4	50	50
3	BBA231MM	MARKETING MANAGEMENT	4	50	50
4	BBA231RLE	RETAIL LOGISTICS AND E COMMERCE	4	50	50
5	BBA231ENE	ENVIRONMENTAL STUDIES	4	50	50
6	BBA231LL	LINER LOGISTICS	4	50	50
		TOTAL CREDITS	24		

SEMESTER IV

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
1	BBA241PTL	PORT TERMINAL LOGISTICS	4	50	50
2	BBA241CG	COMMERCIAL GEOGRAPHY	4	50	50
3	BBA241LND	LOGISTICS NETWORK DESIGN	4	50	50
4	BBA241LOG	LOGISTICS 4.0	4	50	50
5	BBA241FMO	FIRST MILE OPERATIONS	4	50	50
6	BBA241LMO	LAST MILE OPERATIONS	4	50	50
		TOTAL CREDITS	24		

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BBA LOGISTICE MAMAGEMENT

COURSE STRUCTURE

THIRD YEAR V & VI SEMESTER- PAID APPRENTICESHIP

Academic Year 2022-23,   SEMESTER-V

No.	Course	Code	Type	Hours	Credit	CIA	ESE	Marks
1	Allied course - MOOC	L21A01A/2A/3A	Domain	60	2	50	50	100
2	Allied course - MOOC		Domain	60	2	50	50	100
3	Apprenticeship – I	L21C29	Domain	1008	22	250	150	400
	Total			1128	26	350	250	600

SEMESTER VI

No.	Course	Code	Type	Hours	Credit	CIA	ESE	Marks
1	Allied Course - MOOC	L21A02A/2B/2C	Domain	60	2	50	50	100
2	Allied Course - MOOC		Domain	60	2	50	50	100
3	Apprenticeship – II	L21C30	Domain	1008	22	250	150	400
	Total			1128	26	350	250	600

Allied Courses - MOOC

Sem	No	Type	Course	Code	Hours	Credit	Marks CIA	Marks Exam	Total
V	1	Domain	Warehouse Automation	L21A01A	60	2	50	50	100
V	2	Domain	Best Practices in Transportation	L21A01B	60	2	50	50	100
V	3	Domain	Inland Waterways & Costal Shipping	L21A01C	60	2	50	50	100
VI	1	Domain	Courier, Express & Parcel Services	L21A02A	60	2	50	50	100
VI	2	Domain	In plant Logistics	L21A02B	60	2	50	50	100
VI	3	Domain	Documentation for Exports & Imports	L21A02C	60	2	50	50	100

HEAD OF THE DEPARTMENT

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT - COURSE STRUCURE (2022-23) OF ODD SEMESTER

SEMESER I, III &V

YEAR	SEMESTER	COURSE	TITLE OF THE COURSE	COURSE CODE	NO OF HRS/WEEK	NO OF CREDITS
I	I	1	Agriculture heritage	AGRO 101	1	1
		2	Fundamentals of agronomy	AGRO 102	2	2
			Practical		2	1
		3	Biochemistry	BICM 101	2	2
			Practical		2	1
		4	Fundamentals of soil science & Agl chemistry		2	2
			Practical		2	1
		5	Fundamentals of Agriculture economics	AECO 141	2	2
		6	Fundamentals of Horticulture	HORT 181	2	2
			Practical		2	1
		7	Rural sociology, educational psychology and human values	AEXT 191	2	2
			Practical		2	1
		8	Introductory biology	CPHY161	2	2
			Practical		2	1
		9	Comphrehension and communication skill in english	ENGL101	1	1
			Practical		2	1
		10	NSS/NCC/Physical education and yoga practices		0	0
			Practical		2	1

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT - COURSE STRUCURE (2022-23)
SEMESER II, IV, VI

YEAR	SEMESTER	COURSE	TITLE OF THE COURSE	COURSE CODE	NO OF HRS/WEEK	NO OF CREDITS
I	II	1	Introductory Agrometeorology and climate change	AGRO 103	2	2
			Practical		2	1
		2	Fundamentals of genetics	GPBR 111	2	2
			Practical		2	1
		3	Fundamentals of entomology	ENTO 131	2	2
			Practical		2	1
		4	Soil and water conservation engineering	AENG151	1	1
			Practical		2	1
		5	Fundamentals of Plant pathology	PATH 171	2	2
			Practical		2	1
		6	Seed bed preparation	CERSB	2	1

IN 2ND SEM: TOTAL = 6 SUBJECTS   TOTAL CREDITS --15

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT - COURSE STRUCURE (2022-23) OF ODD SEMESTER

SEMESER I, III &V

YEAR	SEMESTER	COURSE	TITLE OF THE COURSE	COURSE CODE	NO OF HRS/WEEK	NO OF CREDITS
II	III	1	Crop production technology	AGRO-201	2	2
			Practical		2	1
		2	Ecophysiology	Cphy-261	1	1
			Practical		2	1
		3	Fundamentals of plant breeding	GPBR211	2	2
			Practical		2	1
		4	Farm machinery and power	AENG 251	1	1
			Practical		2	1
		5	Production technology for vegetables and spices	HORT 281	1	1
			Practical		2	1
		6	Fundamentals of entomology II	ENTO 231	1	1
			Practical		2	1
		7	Fundamentals of pathology II	PATH 271	1	1
			Practical		2	1
		8	Agricultural finance and cooperation	AECO-241	1	1
			Practical		2	1
		9	Fundamentals of agricultural extension	AEXT 291	2	2
			Practical		1	1
		10	Rural development planning and management	PMRD-302	2	2

YEAR	SEMESTER	COURSE	TITLE OF THE COURSE	COURSE CODE	NO OF HRS/WEEK	NO OF CREDITS
II	IV	1	Crop production - II	AGRO 202	2	2
			Practical		2	1
		2	Irrigation water management, farming system and sustainable agriculture	AGRO 203	2	2
			Practical		2	1
		3	Agriculture marketing, trade prices	AECO 242	2	2
			Practical		2	1
		4	Manures, Fertilizers and soil fertility Management	SSAC 221	2	2
			Practical		2	1
		5	Production technology for ornamental crops, medicinal, aromatic plants and land scaping	HORT 282	2	2
			Practical		2	1
		6	Entreprenuership development and business communication	AEXT 292	1	1
			Practical		2	1
		7	Renewable energy and green technology	AENG 252	1	1
			Practical		2	1
		8	Live-stock and poultry management	LPSM 201	2	2
			Practical		2	1
		9	Statistical methods	SMCA 201	1	1
			Practical		2	1

IN 4TH SEM : TOTAL =9 SUBJECTS, TOTAL CREDITS – 24

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT - COURSE STRUCURE (2022-23) OF ODD SEMESTER

SEMESER I, III &V

YEAR	SEMESTER	COURSE	TITLE OF THE COURSE	COURSE CODE	NO OF HRS/WEEK	NO OF CREDITS
III	V	1	Principles of organic farming	AGRO-304	1	1
			Practical		2	1
		2	Practical crop production	AGRO -302	2	1
		3	Principles of food science and nutrition	BICM - 300	2	2
		4	Crop improvement-I (cereals, millets pulses and oil seeds)	GPBR-311	1	1
			Practical		2	1
		5	Problematic soils and their management	SSAC-321	1	1
			Practical		2	1
		6	Pest of field crops and stored grain and their management	ENTO-331	2	2
			Practical		2	1
		7	Protected cultivation and post harvest technologies	AENG-351	1	1
			Practical		2	1
		8	Diseases of field and horticultural crops and their management-I	PATH-371	2	2
			Practical		2	1
		9	Principles of integrated pest and disease management	PATH-373	1	1
			Practical		2	1

YEAR	SEMESTER	COURSE	TITLE OF THE COURSE	COURSE CODE	NO OF HRS/ WEEK	NO OF CREDITS
III	VI	1	Rainfed Agriculture and Watershed Management	AGRO 303	1	2(1+1)
			practical		2	
		2	Crop Improvement-II (Fibre, Sugar, Starches, Narcotics, Vegetables, Fruits and Flowers)	GPBR 312	1	2(1+1)
			practical		2	
		3	Principles of Seed Technology	GPBR 314	2	3(2+1)
			practical		2	
		4	Pest of Horticultural Crops and their Management and Beneficial insects	ENTO 332	2	3(2+1)
			practical		2	
		5	Farm Management, Production and Resource Economics	AECO 341	1	2(1+1)
			practical		2	
		6	Diseases of Field and Horticultural Crops and their Management - II (Horticultural Crops)	PATH 372	1	2(1+1)
			practical		2	
		7	Post-harvest Management and Value Addition of Fruits and Vegetables	HORT 381	1	2(1+1)

					practical		2	
			8	**Communication Skills and Personality Development**	AEXT 391	1	2(1+1)
					practical	2	
			9	Agriculture Informatics	SMCA 301	1	2(1+1)
					practical	2	

IN 6TH SEM: TOTAL =9 SUBJECTS , TOTAL CREDITS – 20

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BMS E COMMERCE OPERATIONS

COURSE STRUCTURE

Academic Year 2022-23

SEMESTER I

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
				CIA	SEM END
1	Eng111ACS	LANGUAGE – I ENGLISH	3	50	50
2	BMS111POM	PRINCIPLES OF MANAGEMENT	4	50	50
3	BMS111AFS	ANALYSING FINANCIAL ACCOUNTING STSTEMENTS	4	50	50
4	BMS111IM	INVENTORY MANAGEMENT	4	50	50
5	BMS111IE	INTRODUCTION TO E COMMERCE LOGISTICS	4	50	50
6	BMS111BO	BUSINESS ORGANISATION	4	50	50
		TOTAL CREDITS	23		

SEMESTER II

S.No	CODE	NAME OF THE COURSE	CREDITS	CIA	SEM END
1	BMS121ME	MANAGERIAL ECONOMICS	4	50	50
2	BMS121BENV	BUSINESS ENVIRONMENT	4	50	50
3	BMS121MM	MARKETING MANAGEMENT	4	50	50
4	BMS121WM	WAREHOUSE MANAGEMENT	4	50	50
5	BMS121MH	MATERAIL HANDILING	4	4	50
6	BMS121FMO	FIRST MILE OPERATIONS	4	50	50
7	BMS121ME	MANAGERIAL ECONOMICS	4	50	50
		TOTAL CREDITS	24	50	50

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BMS E COMMERCE OPERATIONS

COURSE STRUCTURE

Academic Year 2022-23

SEMESTER III

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
				CIA	SEM END
1	BMS231ENVE	ENVIRONMENTAL STUDIES	4	50	50
2	BMS231MIS	MIS FOR LOGISTICS	4	50	50
3	BMS231ELO	E COMMERCE LOGISTICS OPERATIONS	4	50	50
4	BMS231TFE	TRANSPORTATION FOR E COMMERCE	4	50	50
5	BMS231RLE	REVERSE LOGISTICS FOR E COMMERCE	4	50	50
6	BMS231LMO	LAST MILE OPERATIONS	4	50	50
		TOTAL CREDITS	24		
		SEMESTER IV			
1	BMS241CMA	MANAGEMENT ACCOUNTING	4	50	50
2	BMS241HLO	HUB & LINE OPERATIONS	4	50	50
3	BMS241ECS	E COMMERCE CUSTOMER SERVICE	4	50	50
4	BMS241OFE	OUTSOURCING IN E COMMERCE	4	50	50
5	BMS241FO	FULLFILLMENT OPERATIONS	4	50	50
6	BMS241PFE	PACAGING FOR E COMMERCE	4	50	50
		TOTAL CREDITS	24		

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BMS E COMMERCE OPERATIONS

COURSE STRUCTURE

THIRD YEAR V & VI SEMESTER- PAID APPRENTICESHIP

Academic Year 2022-23, SEMESTER-V

No.	Course	Code	Type	Hours	Credit	CIA	ESE	Marks
1	Allied Course 1	LEA2001/02	General	60	2	50	50	100
2	Inventory Management - Practical	LEP2004	Skill	60	2	25	75	100
3	Warehouse Management - Practical	LEP2005	Skill	60	2	25	75	100
4	Apprenticeship I	LEC2026	Skill	1008	22	250	150	400
	Total			1188	28			700

SEMESTER VI

No.	Course	Code	Type	Hours	Credit	CIA	ESE	Marks
1	Allied Course 2	LEA2003/04	General	60	2	50	50	100
2	MIS for E Commerce - Practical	LEP2006	Skill	60	2	25	75	100
3	Fulfilment Operations - Practical	LEP2007	Skill	60	2	25	75	100
4	Apprenticeship II	LEC2027	Skill	1008	22	250	150	400
	Total			1188	28			700

List of Allied Courses

Se	N	Course	Code	Type	Ho	Cre	CIA	ESE	Marks
V	1	Revenue Management & Pricing	LEA2001	General	60	2	50	50	100
	2	Principles of Cataloguing	LEA2002	General	60	2	50	50	100

Sem.	No	Course	Code	Type	Hours	Credit	CIA	ESE	Marks
VI	1	Regulatory Environment of E Commerce	LEA2003	General	60	2	50	50	100
	2	International E Commerce	LEA2004	General	60	2	50	50	100

HEAD OF THE DEPARTMENT

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BMS AGRI STORAGE AND SUPPLY CHAIN

COURSE STRUCTURE

Academic Year 2022-23

SEMESTER I

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
				CIA	SEM END
1	232LT01	LANGUAGE – I ENGLISH	3	50	50
2	BMS111POM	PRINCIPLES OF MANAGEMENT	4	50	50
3	BMS111AE	AGRICULTURAL ECONOMICS	4	50	50
4	BMS111AL	INTRODUCTION TO AGRI LOGISTICS	4	50	50
5	BMS111WAP	WAREHOUSE FOR AGRICULTURAL PROCEDURES	4	50	50
6	BMS111PHM	POST HARVEST MANAGEMENT	4	50	50
		TOTAL CREDITS	23		

SEMESTER II

S.No	CODE	NAME OF THE COURSE	CREDITS	CIA	SEM END
1	Eng121ACS	LANGUAGE – I ENGLISH	3	50	50
2	BMS121OB	ORGANAISATION BEHAVIOUR	4	50	50
3	BMS121TAC	TRADING IN AGRI COMMODITIES	4	50	50
4	BMS121QAA	QUALITY CONTROL, ASSURANCE & AUDIT	4	50	50
5	BMS121DCF	DERIVATIVES WITH COMMODITY FUTURES	4	4	50
6	BMS121BSTAT	BUSINESS STATISTICS	4	50	50
7	BMS121CA	COST ACCOUNTING	4	50	50
		TOTAL CREDITS	27	50	50

ANDHRA LOYOLA COLLEGE (AUTONOMOUS)

BMS AGRI STORAGE AND SUPPLY CHAIN

COURSE STRUCTURE

Academic Year 2022-23

SEMESTER III

S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
				CIA	SEM END
1	BMS231ES	ENVIRONMENTAL STUDIES	4	50	50
2	BMS231CHT	COLD CHAIN TECHNOLOGY	4	50	50
3	BMS231PM	PEST MANAGEMENT	4	50	50
4	BMS231RAM	RISK ASSESSMENT AND MANAGEMENT	4	50	50
5	BMS231HFP	HANDLING OF FRESH PRODUCES	4	50	50
6	BMS231MAL	MECHANIZATION IN AGRI LOGISTICS	4	50	50
		TOTAL CREDITS	24		

SEMESTER IV

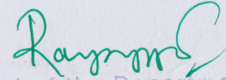| S.No	CODE	NAME OF THE COURSE	CREDITS	MARKS	
1	BMS241MM	MARKETING MANAGEMENT	4	50	50
2	BMS241AP	AGRI-PRENEURSHIP	4	50	50
3	BMS241AEI	AGRICULTURAL EXPORTS AND IMPORTS	4	50	50
4	BMS241LAA	LEGAL ASPECTS OF AGRICULTURE (POST HARVEST)	4	50	50
5	BMS241PT	PACKAGING TECHNOLOGY	4	50	50
6	BMS241DVM	DAIRY VALUE CHAIN AND MARKETING	4	50	50
		TOTAL CREDITS	24		

Head of the Department

DEPARTMENT OF VISUAL COMMUNICATION & ELECTRONIC MEDIA
ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA- 520 008
B.Sc. VISUAL COMMUNICATION AND ELECTRONIC MEDIA

COURSE STRUCTURE - 2022-2023

FIRST-YEAR: 1ST SEMESTER

SEM		PAPER CODE	THEORY	HRS /WK	CR	PAPER CODE	PRACTICALS	HRS /WK	CR
	C1	VIS111WFM	Writing for Media (T)	3	3	VIS111SW(P)	Screen Writing (P)	3	2
	C2	VIS112VC	Visual Communication (T)	4	3	VIS112VC(P)	Visual Communication (P)	4	2
	C3	VIS113AAC	Art, Architecture, and Culture (T)	3	3	VIS113TA(P)	Theatre Arts (P)	3	2
	C4	VIS114ICT	Introduction to Communication Theories (T)	4	3				
	SDC 1					SDC111DSP	Digital Still Photography (P)	3	2
	SDC 2					SDC112GD1	Graphic Designing – 1 (P)	3	2
			Total	14	12		**Total**	16	10
		TOTAL HOURS = 30				**TOTAL CREDITS = 22**			

COURSE STRUCTURE: 2022-2023

FIRST-YEAR: 2nd SEMESTER

SEM		PAPER CODE	THEORY	HRS /WK	CR	PAPER CODE	PRACTICALS	HRS /WK	CR
	LSC 1					LSC121PSP(P)	Public speaking & Presentation (P)	4	2
	C1	VIS121EF	Elements of Film (T)	3	3	VIS121DVE(P)	Digital Video Editing (P)	4	2
	C2	VIS122BC	Broadcast Communication (T)	3	3	VIS122DAP(P)	Digital Audio Production (P)	4	2
	C3	VIS123MCT	Mass Communication Theories (T)	4	3				
	C4	VIS124IJ	Introduction to Journalism (T)	3	3				
	SDC 1					SDC121GD2	Graphic Designing – 2 (P)	3	2
			Total	**13**	**12**		**Total**	**15**	**8**
			TOTAL HOURS = 28				**TOTAL CREDITS = 20**		

Head of the Department
Department of Visual Communication
ANDHRA LOYOLA COLLEGE
VIJAYAWADA-520 008, Andhra Pradesh.

DEPARTMENT OF VISUAL COMMUNICATION & ELECTRONIC MEDIA
ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA- 520 008
B.Sc. VISUAL COMMUNICATION AND ELECTRONIC MEDIA

COURSE STRUCTURE: 2022-2023

SECOND-YEAR: 3RD SEMESTER

SEM		PAPER CODE	THEORY	HRS /WK	CR	PAPER CODE	PRACTICALS	HRS /WK	CR
	C1	VIS231NWR	News Writing & Reporting (T)	4	3	VIS231PJ(P)	Print Journalism (P)	4	2
	C2	VIS232TVP1	Television Production – 1 (T)	4	3	VIS232TVP1(P)	Television Production – 1 (P)	4	2
	C3	VIS233MLE	Media Laws & Ethics (T)	3	3	VIS233BJ(P)	Broadcast Journalism (P)	3	2
	C4	VIS234MC	Media & Culture (T)	3	3				
	SDC 1					SDC231POD	Principles of Design (P)	3	2
	SDC 2					SDC232EM	Event Management (P)	3	2
	SDC 3					SDC232CINA	Contemporary Issues & News Analysis (P)	3	2
			Total	14	12		Total	20	12
		TOTAL HOURS = 34					TOTAL CREDITS = 24		

Head of the Department
Department of Visual Communication
ANDHRA LOYOLA COLLEGE
VIJAYAWADA-520 008, Andhra Pradesh.

DEPARTMENT OF VISUAL COMMUNICATION & ELECTRONIC MEDIA
ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA- 520 008
B.Sc. VISUAL COMMUNICATION AND ELECTRONIC MEDIA

SECOND YEAR-4th SEMESTER

COURSE STRUCTURE: 2022 - 2023

SEM		PAPER CODE	THEORY	HRS /WK	CR	PAPER CODE	PRACTICALS	HRS /WK	CR
IV	C1	VIS241AD	Advertising (T)	4	3	VIS241AD(P)	Advertising (P)	4	2
	C2	VIS242TVP2	Television Production – 2 (T)	4	3	VIS242TVP2(P)	Television Production – 2 (P)	4	2
	C3	VIS243PRC	Public Relations Corporate Communication (T)	4	3	VIS243DM(P)	Digital Marketing (P)	4	2
	C4	VIS244MEM	Management of Electronic Media (T)	4	3				
	SDC 1					SDC241SMOJ	Social Media & Online Journalism (P)	4	2
	SDC 2					SDC242ANC	Anchoring (P)	4	2
			Total	16	12		**Total**	20	10
			TOTAL HOURS = 36				**TOTAL CREDITS = 22**		

Head of the Department
Department of Visual Communication
ANDHRA LOYOLA COLLEGE
VIJAYAWADA-520 008, Andhra Pradesh.

THIRD YEAR-5th SEMESTER

COURSE STRUCTURE: 2022-2023

SEM		PAPER CODE	THEORY	HRS /WK	CR	PAPER CODE	PRACTICALS	HRS /WK	CR
V	C1	VIS351DC	Development Communication (T)	4	3	VIS351DFM(P)	Documentary Film Making (P)	6	4
	C2	VIS352MMR	Mass Media Research (T)	4	3	VIS352DT(P)	Dissertation (P)	6	4
	C3	VIS353PRC	Interactive Designing (T)	4	3	VIS353UXD(P)	UX & UI Design (P)	6	4
	C4	VIS354DMS	Digital Media Studies (T)	4	3				
			Total	**16**	**12**		**Total**	**18**	**12**
			TOTAL HOURS = 34				**TOTAL CREDITS = 24**		

Head of the Department
Department of Visual Communication
ANDHRA LOYOLA COLLEGE
VIJAYAWADA-520 008, Andhra Pradesh.

DEPARTMENT OF VISUAL COMMUNICATION & ELECTRONIC MEDIA
ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA- 520 008
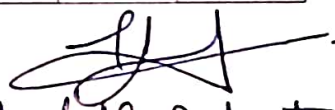**B.Sc. VISUAL COMMUNICATION AND ELECTRONIC MEDIA**

COURSE STRUCTURE: 2022-2023

THIRD YEAR-6th SEMESTER

SEM		PAPER CODE	THEORY	HRS /WK	CR	PAPER CODE	PRACTICALS	HRS /WK	CR
	C1					VIS361INT(P)	Internship (P)	48	12
VI							Total	48	12
	TOTAL HOURS PER DAY = 8					TOTAL CREDITS = 12			

Head of the Department
Department of Visual Communication
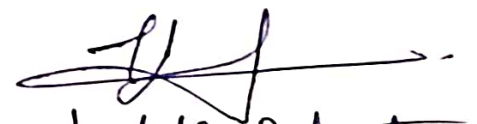ANDHRA LOYOLA COLLEGE
VIJAYAWADA-520 008, Andhra Pradesh.

DEPARTMENT OF M.Sc. – CHEMISTRY

PROGRAMME STRUCTURE (2022-23)

SEM	Subject	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
III	Core	CHE231OS	Organic Synthesis-1	4	4		
	Core	CHE232OR	Oxidation , Reduction & Heterocyclic Chemistry	4	4		
	Core	CHE233MR	Molecular rearrangements , Pericyclic reactions & Photochemistry	4	4		
	Core	CHE234OS	Organic Spectroscopy	3	3		
			(or)				
		CHE234IC	Industrial Chemistry (SBSE-1)				
	Core	CHE235PA	Pharmaceutical Analysis	3	3		
			(or)				
		CHE235NC	Nanochemistry-1 (SBSE-2)				
	Lab	CHEP231(P1)	Three Step Synthesis Lab-1			3	2
	Lab	CHEP232 (P2)	Analysis of Organic Binary Mixtures Lab -2			3	2
	Lab	CHEP233 (P3)	Estimation of Organic Compounds-1 lab - 3			3	2
	Lab	CHEP234 (P4)	Spectral Characterization of Org Comp.-1			3	2
			(or)				
		CHEP234 (P4)	Industrial Chemistry Practical's - Lab 4				
	Lab	CHEP235 (P5)	Pharmaceutical analysis			3	2
			(or)				
		CHEP235 (P5)	Nanochemistry-1 Lab 5				
	Lab	CHE231ROC(P6)	Research Oriented Course			3	3
		TOTAL		18	18	18	13

Head of the Department
P-G – Chemistry

SEM	Subject	Course Code	Title of the Course	Hrs/W Theory	No. of Credits	Hrs/W Lab	No. of Credits
IV	Core	CHE241OS	Organic Synthesis-2	4	4		
	Core	CHE242OR	Organic reagents & Heterocyclic Chemistry	4	4		
	Core	CHE243OC	Organometallic Chemistry Natural Products & Antibiotics	4	4		
	Core	CHE244OS	Organic Spectroscopy-2	3	3		
			(or)				
		CHE244NC	Nano Chemistry (SBSE-2)				
	Core	CHE245GC	Green Chemistry	3	3		
			(or)				
		CHE245IM	Instrumental method of analysis (SBSE-2)				
	Lab	CHEP241(P1)	Four Step Synthesis - Lab 1			3	2
	Lab	CHEP242(P2)	Preparation based on named reactions Lab-2			3	2
	Lab	CHEP243(P3)	Estimation of Organic Compounds-II lab - 3			3	2
	Lab	CHEP244(P4)	Spectral Characterization of Org Comp.-2			3	2
			(or)				
		CHEP244(P4)	Nanochemistry-2 (Lab 4)				
	Lab	CHEP245(P5)	Green Chemistry Practical`s			3	2
			(or)				
		CHEP245(P5)	Instrumental method of analysis - Lab -5				
	Lab	CHE241ROC(P6)	Research Oriented Course			3	3
		TOTAL		18	18	18	13

Head of the Department
P. G - Chemistry.

ANDHRA LOYOLA COLLEGE

I SEMESTER

YEAR -2022-2023

Course Code	Course Name	Teaching Hours/ week			CORE / IDC/DSE/ SEC/OEC / MOOCS	Internal Marks	External Marks	No. of Credit s
		Lecture	Practical	Tutorial				
22MCA101	Programming and Problem Solving using Python	4	0	0	Core	50	50	4
22MCA102	Data Structures	4	0	0	Core	50	50	4
22MCA103	Mathematical and Statistical Foundations	4	0	0	Core	50	50	4
22MCA104	Operating Systems	4	0	0	Core	50	50	4
22MCA105 COMPULSORY	**Personality Development through Life Enlightenment Skills**	3	1	0	Core	50	50	3
22MCA106	Data Structures Lab	0	6	0	Core	50	50	3
22MCA107	Python Lab	0	6	0	Core	50	50	3
22MCA108	Soft Skills -GE(AI Tools)	4						2
22MCA109	Foundation Course - UNIX							2
TOTAL FOR FIRST SEMESTER						350	350	29

MCA-HOD

II Semester

Course Code	Course Name	Teaching Hours/week			CORE / IDC/DSE/ SEC/ OEC/ MOOCS	Internal Marks	External Marks	No. of Credits
		Lecture	Practical	Tutorial				
22MCA201	Software Engineering and Design Patterns	4	0	0	Core	50	50	4
22MCA202	Database Management Systems	4	0	0	Core	50	50	4
22MCA203	Computer Networks	4	0	0	Core	50	50	4
22MCA204 COMPULSORY	**Research Methodology & IPR**	3	1	0	SEC	50	50	3
DOMAIN SPECIFIC ELECTIVE COURSES (CHOOSE ANY ONE)								
22MCA205E1	Design and Analysis of Algorithms	4	0	0	DSE	50	50	4
22MCA205E2	Data warehousing and Data Mining	4	0	0	DSE	50	50	4
22MCA205E3	Cloud Computing	4	0	0	DSE	50	50	4
LAB PRACTICALS								
22MCA206	Data Mining Lab	0	6	0	Core	50	50	3
22MCA207	Database Management Systems Lab	0	6	0	Core	50	50	3
22MCA208	Advanced-AI TOOLS(Skilled course)	4						2
TOTAL FOR SECOND SEMESTER						210	490	27

III SEMESTER

Course Code	Course Name	Teaching Hours/week			CORE / IDC/DSE / SEC/OEC/MOOCS	Internal Marks	External Marks	No. of Credits
		u e	cti al	pri l				
22MCA301	Data Science	4	0	0	Core	50	50	4
DOMAIN SPECIFIC ELECTIVE COURSES (CHOOSE ANY THREE)								
22MCA302E1	Principles of Programming Languages	4	0	0	DSE	50	50	4
22MCA302E2	Artificial Intelligence	4	0	0	DSE	50	50	4
22MCA302E3	Block Chain Technologies	4	0	0	DSE	50	50	4
22MCA302E4	Information Security	4	0	0	DSE	50	50	4
22MCA302E5	Applied Data Analytics	4	0	0	DSE	50	50	4
22MCA302E6	Web Technologies	4	0	0	DSE	50	50	4
LAB PRACTICALS								
22MCA303	Data Science lab	0	6	0	Core	50	50	3
22MCA304	Web Technologies Lab	0	6	0	Core	50	50	3
OPEN ELECTIVE (INTERDISCIPLINARY/MULTIDISCIPLINARY) COURSES (CHOOSE ANY ONE)								
22MCAOE1	R Programming	3	0	0	OEC	50	50	3
22MCAOE2	Mobile Networks	4	0	0	OEC	50	50	3
22MCAOE3	Unix Programming	3	0	0	OEC	50	50	3
22MCAOE4	Office Tools	3	0	0	OEC	50	50	3
22MCAOE5	Python Programming	3	0	0	OEC	50	50	3
TOTAL FOR III SEMESTER						350	350	26

MCA-HOD

IV SEMESTER

Course Code	Course Name	Teaching Hours/week			CORE / IDC/DSE / SEC/OEC/ MOOCS	Internal Marks	External Marks	No. of Credits
		Lecture	Practical	Tutorial				
22MCA401	Big Data Analytics	4	0	0	Core	50	50	4
DOMAIN SPECIFIC ELECTIVE COURSES (CHOOSE ANY ONE)								
22MCA402 E1	Dynamic Web programming	4	0	0	DSE	50	50	4
22MCA402 E2	Fog Computing for IOT	4	0	0	DSE	50	50	4
22MCA402 E3	Technical Report writing	4	0	0	DSE	50	50	4
22MCA402 E4	Machine Learning	4	0	0	DSE	50	50	4
LAB PRACTICALS								
22MCA403	Big Data Analytics Lab	0	6	0	Core	50	50	3
ENTREPRENURAL & INNOVATION/IT SKILL RELATED TO DOMAIN SPECIFIC ELECTIVE COURSES								
(CHOOSE ANY ONE)								
22MCA404E1	Social Networking	3	0	0	SEC	50	50	3
22MCA404E2	Deep Learning	3	0	0	SEC	50	50	3
22MCA404E3	NO SQL Databases	3	0	0	SEC	50	50	3
* CHOOSE MOOCs FROM SWAYAM/NPTEL SOURCES								
MOOCS								4
PROJECT WORK EVALUATION AND VIVA-VOCE							200	12
TOTAL FOR IV SEMESTER						120	480	30

ANDHRA LOYOLA COLLEGE
VIJAYAWADA
CHOICE BASED CREDIT SYSTEM (CBCS)
MASTER OF
BUSINESSADMINISTRATION
(With effect from 2022-2023)
MBA COURSE FRAME WORK

COURSES	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
FOUNDATION COURSE (Business Fundamentals)	45(2)(AFTER COLLEGE HOURS)			
Extension Activity		45(2)(AFTER COLLEGE HOURS)		
Core Courses				
1	4(3)	5(4)	3(3)	3(3)
2	5(4)	5(4)	5(4)	5(4)
3	5(4)	5(4)	5(4)	5(4)
4	5(4)	5(4)	5(4)	5(4)
5	4(3)	4(3)	5(4)	5(4)
6	5(4)	4(3)	5(4)	5(4)
7	4(3)	4(3)	5(4)	5(4)
8	----	----	------	-------
Communication Skills		----	—	
General Elective	4(2)	4(2)		
Generic Elective			3(2)	3(2)
Research oriented course				
Project viva voce/ Comprehensive viva voce			0(2)	0(4)
MOOCS				0(4)
Semester wise credits	36(29)	36(29)	36(31)	36(37)
Total Credits	126			

SCHEME OF TEACHING AND EXAMINATION
MASTER OF BUSINESS ADMINISTRATION (MBA)
CHOICE BASED CREDIT SYSTEM (CBCS) W.E.F 2022-2023

SEMESTER-I

Code	Courses	Lecture /week	Elective	Internal Marks	External Marks	No.of Credits
MBA101	Managing people & Organizations	4	Core	50	50	3
MBA 102	Managerial Economics	5	Core	50	50	4
MBA 103	Quantitative Analysis For Business Decisions	5	Core	50	50	4
MBA 104	Business, Government & Society	5	Core	50	50	4
MBA 105	Business Communication	4	Core	50	50	3
MBA 106	Accounting for Managers	5	Core	50	50	4
MBA 107	Legal framework for business	4	core	50	50	3
MBA 108	Foundation course	2(After college hours)		50	50	2
MBA 109	General Elective I	4	-	50	50	2
MBA 110	Extension Activity	-	-	-	-	-
Total for First Semester		36	-	450	450	29

SEMESTER-II

Code	Courses	Lecture /week	Elective	Internal Marks	External Marks	No.of Credits
MBA201	Marketing Management	5	Core	50	50	4
MBA 202	Human Resource Management	5	Core	50	50	4
MBA 203	Financial Management	5	Core	50	50	4
MBA 204	Operation Research	5	Core	50	50	4
MBA 205	Entrepreneurship : Theory and Practice	4	Core	50	50	3
MBA 206	Business Research Methods	4	Core	50	50	3
MBA 207	Project Management	4	core	50	50	3
MBA 208	General Elective-2	4		50	50	2
MBA 110/209	Extension Activity	0	-	50	50	2
Total for II Semester		36	-	450	450	29

SEMESTER-III

Paper Code	Paper Title Generic core course	Teaching Hours/ week			Core / Elective	Internal Marks	External Marks	No. of Credits
		Lecture	Tutorial	Practical				
MBA301	Strategic Management	1	1	1	Core	50	50	3
FUNCTIONAL SPECIALISATIONS (Choose any 6 elective courses out of 5 Specializations having 5 courses each as shown in Table-1)								
MBA302 MKT – MBA 306 MKT	Marketing	6X5=30HOURS (18L +6T+6P)			Electives	6X50	6X50	6X4=24
MBA302 HRMOB - MBA306 HRMOB	HRM & OB							
MBA302 FIN - MBA306 FIN	Finance							
MBA302OPS-306OPS)	Operations							
MBA302ENT-306ENT)	Entrepreneurship							
MBA307	Project Work	-	-	-			50	2
Generic Elective Courses (Choose any one out of three courses)								
MBA308	Leadership	1	1	1	Elective-1	50	50	2
MBA 309	Creativity & Innovation	1	1	1	Elective-2	-	-	-
MBA310 MOOCS /NCFM/IRDA/NISM	Any online course related to MBA from the authentic sources	1	1	1	Elective-3	A PASS CERTIFICATE WITH 50% MARKS		-
TOTAL FOR III SEMESTER		**20**	**8**	**8**	-	**400**	**450**	**31**

Note: Candidates are encouraged to opt for MBA310 (MOOCS and other certificate courses).

SEMESTER-IV

Paper Code	Paper Title Generic core course	Teaching Hours/ week			Core / Elective	Internal Marks	External Marks	No. of Credits
		Lecture	Tutorial	Practical				
MBA401	International Business	1	1	1	Core	50	50	3
ADVANCED SPECIALISATIONS								
(Choose any 6 elective courses out of 5 Specializations having 5 courses each as shown in Table-2)								
MBA402 MKT – MBA 406 MKT	Marketing	6X5=30HOURS (18L +6T+6P)			Electives	6X50	6X50	6 X 4=24
MBA402 HRMOB -MBA406 HRMOB	HRM & OB							
MBA402 FIN - MBA406 FIN	Finance							
MBA402OPS-MBA406OPS	Operations							
MBA402ENT-MBA406ENT	Entrepreneurship							
MBA408	Comprehensive Viva-voce	-	-	-			100	4
GENERIC ELECTIVE COURSES (Choose any One out of Three courses)								
MBA 409	Employability Skills Lab	1	1	1	Elective-1	50	50	2
MBA 410	Selling & Negotiation Skills Lab	1	1	1	Elective-2	50	50	2
MBA 411	Statistical Software Applications Lab	1	1	1	Elective-3	50	50	2
***CHOOSE MOOCS FROM SWAYAM/NPTEL SOURCES**								
MOOCS								4
TOTAL FOR IV SEMESTER		20	8	8	-	400	500	37

NOTE:-

Students may be allowed to register and appear for MOOCS from the Second Semester itself. However studen have to complete the MOOCS successfully and submit pass certificate of the same to the University through th Principal of the college concerned for approval and endorsement of the same on Grade cards and PCs and OD: as per the regulations of the University.

ELECTIVES IN FUNCTIONAL SPECIALIZATIONS IN SEMESTER-III

MARKETING	1. Consumer Behaviour & Marketing Research(MBA302MKT) 2. Product and Brand Management(MBA303MKT) 3. Advertising management(MBA304MKT) 4. Services Marketing(MBA305MKT) 5. Industrial Marketing (B2B)(MBA306MKT)
HRM & OB	1. Human Resource Planning (MBA302HRMOB) 2. Performance & Reward Management (MBA303HRMOB) 3. Training and Development (MBA304HRMOB) 4. Organization Development and Change (MBA305HRMOB) 5. Industrial Relations & Employment Laws (MBA306HRMOB)
FINANCE	1. Financial Institutions & Markets (MBA302FIN) 2. Corporate Finance (MBA303FIN) 3. Security Analysis & Portfolio Management (MBA304FIN) 4. Investment & Commercial Banking (MBA305FIN) 5. Mergers & Acquisitions (MBA306 FIN)
OPERATIONS	1. Manufacturing systems in Management (MBA302OPS) 2. Services Operations Management (MBA303OPS) 3. Logistics and Distribution Management (MBA304OPS) 4. Supply Chain Management (MBA305OPS) 5. Operations Research Applications (MBA306OPS)
ENTREPRENEURSHIP	1. Business Opportunities in Emerging Economies (MBA302ENT) 2. Basic Management Aspects of Startups and SMEs (MBA303ENT) 3 .Startup & New Venture Management (MBA304ENT) 4. Venture Capital & Private Equity (MBA305ENT) 5. Entrepreneurial ecosystem in India (MBA306ENT)

ELECTIVES IN ADVANCED SPECIALIZATIONS IN SEMESTER-IV

MARKETING	1. Strategic Marketing (MBA 402MKT) 2. Sales & Distribution Management (MBA 403MKT) 3. Retail Management (MBA 404MKT) 4. Rural & Agri Marketing (MBA 405MKT) 5. E-Marketing (MBA 406MKT)
HRM & OB	1. Human Resource Development (MBA402HRMOB) 2. Leadership(MBA403HRMOB) 3. Strategic HRM (MBA404HRMOB) 4. International HRM (MBA405HRMOB) 5. Stress Management (MBA406HRMOB)
FINANCE	1. Financial Risk Management (MBA402FIN) 2. Financial Derivatives(MBA403 FIN) 3. Global Finance (MBA404FIN) 4. Strategic Investment & Financial Decision Making (MBA405FIN) 5. Strategic Cost Management (MBA406 FIN)
OPERATIONS	1. Advance Data Analysis for Management (MBA402OPS) Strategic Sourcing (MBA403OPS) Quality Assurance Management (MBA404OPS) 4. Lean Manufacturing (MBA405OPS) Total Quality Management (MBA406OPS)
ENTREPRENEURSHIP	1. Family Business Management (MBA402ENT) Social Entrepreneurship (MBA403ENT) Corporate Entrepreneurship (MBA404ENT) Entrepreneurial Leadership (MBA405ENT) Global Entrepreneurial Ecosystem (MBA406ENT)