

AP STATE COUNCIL OF HIGHER EDUCATION

CBCS PATTERN FOR MICROBIOLOGY

B.Sc BIOTECHNOLOGY (CBCS) SYLLABUS

Semester	Course Code	Title of course	Number of Credits	Number of teaching hrs	Marks		
					Internal	SEE	Total
I	BTT- 101	Microbiology and cell biology	3	5	25	75	100
I	BTP- 102	Microbiology and cell Biology lab	2	2	0	50	50
II	BTT- 201	Macromolecules and metabolism	3	5	25	75	100
II	BTP- 202	Macromolecules and enzymology lab	2	2	0	50	50
III	BTT-301	Biophysical Techniques	3	5	25	75	100
III	BTP-302	Metabolism and Biophysical Techniques lab	2	2	50	75	50
IV	BTT- 401	Immunology	3	5	25	75	100
IV	BTP- 402	Immunology lab	2	2	0	50	50
V	BTT- 501	Molecular Biology	4	5	25	75	100
V	BTP-502	Molecular Biology lab	2	2	0	50	50
V	BTT- 601	rDNA Technology (Elective theory)	3	5	25	75	100
V	BTP- 602	rDNA Technology (Elective Lab)	2	2	0	50	50
VI	*BTT-701	Plant and Animal Biotechnology	4	5	25	75	100
VI	*BTP-702	Plant and Animal Biotechnology Lab	2	2	0	50	50
VI	*BTT- 703	Environmental Biotechnology (Elective Theory)	4	5	25	75	100
VI	*BTP- 704	Environmental	2	2	0	50	50

Principal
PRINCIPAL

Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

VI	*BTT-705	Biotechnology (Elective Lab) Industrial Biotechnology (Elective Theory)	4	5	25	75	100
VI	*BTP-706	Industrial Biotechnology (Elective Lab)	2	2	0	50	50
** Any one cluster from 801, 802 & 803	**BTT 801	1. Nutritional Biotechnology	100				
		2. Food Biotechnology	100				
		3. Metabolisms	100				
	**BTP 801	Food Biotechnology Practical 1	50				
		Environmental Biotechnology :Practical 2	50				
		Metabolisms :Practical 3	50				
	**BTT 802	1. Tissue Culture	100				
		2. Industrial Biotechnology	100				
		3.	100				
	**BTP 802	Environmental I Biotechnology	50				
		Tissue Culture Practical 1	50				
		Industrial Biotechnology Practical 2	50				
		Environmental Biotechnology					

Dr. M. N. S.
PRINCIPAL

		Practical 3					
	**BTT 803	1. Cell Biology	100				
		2. Gene Biotechnology	100				
		3. Biostatistics & Bioinformatics	100				
	**MBP 803	1. Cell Biology Practical 1	50				
		2. Gene Biotechnology Practical 2					
		3. Biostatistics & Bioinformatics	50				
		Practical 3	50				

*Any one elective paper from 701, 703 and 704.

** Cluster for 701 should be selected from 801, 802, 803.

Cluster for 703 should be selected from 802 (or) 803

Cluster for 705 should be selected from 801 (or) 803

B. N. Srinivas
PRINCIPAL

Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

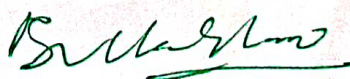
Andhra Pradesh State Council of Higher Education
B.Sc. Chemistry Syllabus under CBCS
w.e.f. 2015-16 (revised in April 2016)

Structure of Chemistry Syllabus Under CBCS

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS
	* Any one Paper from VII A, B and C	VII (A)*	Elective	100	03
			Practical - VII A	50	02
		<u>VII (B)*</u>	Elective	100	03
			Practical - VII B	50	02
		VII (C)*	Elective	100	03
			Practical - VII C	50	02
	** Any one cluster from VIII, A, B and C	VIII (A)**	Cluster Electives - I :	100	03
			VIII-A-1	100	03
			VIII-A-2	100	03
			VIII-A-3	50	02
				50	02
				50	02
		VIII (B)**	Cluster Electives - II ::	100	03
			VIII-B-1	100	03
			VIII- B-2	100	03
			VIII-B-3	50	02
				50	02
				50	02
		VIII (C)**	Cluster Electives - III ::	100	03
			<u>VIII-C-1</u>	100	03
			<u>VIII-C-2</u>	100	03
			<u>VIII-C-3</u>	50	02
				50	02
				50	02

AP STATE COUNCIL OF HIGHER EDUCATION

3


PRINCIPAL
Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

ZOOLOGY COURSE STRUCTURE UNDER CBCS (w.e.f. 2015-16, Revised)

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS
VI	*Any one Paper from A, B and C	VII (A)*	Immunology	100	03
			Practical - VII (A)	50	02
		VII (B)*	Cellular Metabolism and Molecular Biology	100	03
			Practical - VII (B)	50	02
		VII (C)*	Bioinformatics	100	03
			Practical - VII (C)	50	02
	** Any one cluster from I, II and III	Cluster VIII-A**	Cluster Electives –VIII-A : Medical Diagnostics		
			1. Clinical Biochemistry	100	03
			2. Haematology	100	03
			3. Clinical Microbiology	100	03
			Practical – VIII: 1	50	02
			Practical – VIII: 2	50	02
			Project Work	50	02
		Cluster VIII-B**	Cluster Electives –VIII-B : Aquaculture		
			1. Principles of Aquaculture	100	03
			2. Aquaculture Management	100	03
			3. Postharvest Technology	100	03
			Practical – VIII: 1	50	02
			Practical – VIII: 2	50	02
			Project Work	50	02
		Cluster VIII-C**	Cluster Electives – VIII-C : Sericulture		
			1. Gen. Sericulture, Mulberry cultivation and Management	100	03
			2. Biology of Mulberry Silkworm and Silkworm rearing Technology	100	03
			3. Silk Technology, Silk Marketing and Extension	100	03
			Practical – VIII: 1	50	02
			Practical – VIII: 2	50	02
			Project Work	50	02

(Signature)

PRINCIPAL

Gayatri College of Science & Management
Munasaopeta-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
B.Sc. Computer Science/Information Technology (IT) Syllabus Under CBCS
w.e.f.2015-2016 (Modified in April 2016)

Andhra Pradesh State Council of Higher Education
B.Sc. Chemistry Syllabus under CBCS
w.e.f. 2015-16 (revised in April 2016)

Structure of Chemistry Syllabus Under CBCS

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS
	* Any one Paper from VII A, B and C	VII (A)*	Elective	100	03
			Practical - VII A	50	02
		<u>VII (B)*</u>	Elective	100	03
			Practical - VII B	50	02
		VII (C)*	Elective	100	03
			Practical - VII C	50	02
	** Any one cluster from VIII, A, B and C	VIII (A)**	Cluster Electives - I :	100	03
			VIII-A-1	100	03
			VIII-A-2	100	03
			VIII-A-3	50	02
				50	02
				50	02
		VIII (B)**	Cluster Electives - II ::	100	03
			VIII-B-1	100	03
			VIII- B-2	100	03
			VIII-B-3	50	02
				50	02
				50	02
		VIII (C)**	Cluster Electives - III ::	100	03
			<u>VIII-C-1</u>	100	03
			<u>VIII-C-2</u>	100	03
			<u>VIII-C-3</u>	50	02
				50	02
				50	02

AP STATE COUNCIL OF HIGHER EDUCATION


PRINCIPAL
Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
CBCS B.A./B.Sc. Mathematics Course Structure

w.e.f 2015 -16 (Revised in April, 2016)		VI	Linear Algebra & Linear Algebra Problem Solving Sessions	5	5	25	75	100
	VI	VII	Electives: (any one) VII-(A) Laplace Transforms VII-(B) Numerical Analysis VII-(C) Number Theory & Elective Problem Solving Sessions	5	5	25	75	100
		VIII	Cluster Electives: VIII-A-1: Integral Transforms	5	5	25	75	100
			VIII-A-2: Advanced Numerical Analysis	5	5	25	75	100
			VIII-A-3: Project work or VIII-B-1: Principles of Mechanics	5	5	25	75	100
			VIII-B-2: Fluid Mechanics VIII-B-3: Project work or VIII-C-1: Graph Theory VIII-C-2: Applied Graph Theory					
			VIII-C-3: Project work					



PRINCIPAL
Gayatri College of Science & Management
Munasabpet-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
B.Sc. Chemistry Syllabus under CBCS
w.e.f. 2015-16 (revised in April 2016)

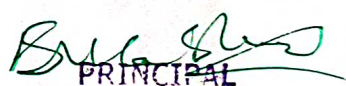
Structure of Chemistry Syllabus Under CBCS

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS
VI	* Any one Paper from VII A, B and C	VII (A)*	Elective	100	03
			Practical - VII A	50	02
		VII (B)*	Elective	100	03
			Practical - VII B	50	02
		VII (C)*	Elective	100	03
			Practical - VII C	50	02
	** Any one cluster from VIII, A, B and C	VIII (A)**	Cluster Electives - I :	100	03
			VIII-A-1	100	03
			VIII-A-2	100	03
			VIII-A-3	50	02
				50	02
				50	02
		VIII (B)**	Cluster Electives - II ::	100	03
			VIII-B-1	100	03
			VIII- B-2	100	03
			VIII-B-3	50	02
				50	02
				50	02
		VIII (C)**	Cluster Electives - III ::	100	03
			VIII-C-1	100	03
			VIII-C-2	100	03
			VIII-C-3	50	02
				50	02
				50	02

AP STATE COUNCIL OF HIGHER EDUCATION


PRINCIPAL
Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Semester	Paper	Subject	Hrs.	Credits	IA	ES	Total
SEMESTER VI	VII (A/B/C)	Elective-I					
		A. Operating Systems	3	3	25	75	100
		B. Computer Networks					
		C. Web Technologies					
		Lab for Elective -I	2	2	0	50	50
	VIII Cluster-A-1,2,3 or Cluster-B-1,2,3	Elective-II(cluster A)					
		1. Foundations of Data Science	3	3	25	75	100
		2. Big Data Technology					
		3. Computing for Data Analytics					
		Project Work	2	2	20	30	50
		Elective-II(cluster B)					
		1. Distributed Systems	3	3	25	75	100
		2. Cloud Computing					
		3. Grid computing					
		Project Work	2	2	20	30	50


 PRINCIPAL
 Gayatri College of Science & Management
 Munasabpetta-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
CBCS B.A./B.Sc. Mathematics Course Structure

w.e.f 2015 -16 (Revised in April, 2016)		VI	Linear Algebra & Linear Algebra Problem Solving Sessions	5	5	25	75	100
	VI	VII	Electives: (any one) VII-(A) Laplace Transforms VII-(B) Numerical Analysis VII-(C) Number Theory & Elective Problem Solving Sessions	5	5	25	75	100
		VIII	Cluster Electives: VIII-A-1: Integral Transforms VIII-A-2: Advanced Numerical Analysis VIII-A-3: Project work or VIII-B-1: Principles of Mechanics VIII-B-2: Fluid Mechanics VIII-B-3: Project work or VIII-C-1: Graph Theory VIII-C-2: Applied Graph Theory VIII-C-3: Project work	5	5	25	75	100
				5	5	25	75	100
				5	5	25	75	100



PRINCIPAL
Gayatri College of Science & Management
Munasabpet-Srikakulam-532 401



Dr. B. R. AMBEDKAR UNIVERSITY-SRIKAKULAM
B.Sc. (ELECTRONICS) SYLLABUS
STRUCTURE UNDER CHOICE BASED CREDITS SYSTEM
REVIEWED SYLLABUS w.e.f. 2016-17

Sixth Semester

Paper VII: Elective (One)

Paper VIII: Cluster Electives (Three)

Practical 7 (Lab 7)

Practical 8.1 (Lab 8.1)

Practical 8.2 (Lab 8.2)

Practical 8.3 (project)

Proposed Electives in Semester - VI

Paper – VII (one elective is to be chosen from the following)

Paper VII-(A): ELECTRONIC INSTRUMENTATION

Paper VII-(B): MICROCONTROLLER AND INTERFACE

Paper VII-(C): MODERN COMMUNICATION SYSTEM

Paper – VIII (one cluster of electives (A-1,2,3 or B-1,2,3 or C-1,2,3) to be chosen *preferably* relating to the elective chosen under paper – VII (A or B or C))

Cluster 1.

PAPER VIII-A-1. BASIC VLSI DESIGN

PAPER VIII-A-2. BIO MEDICAL INSTRUMENTATION

PAPER VIII-A-3. POWER ELECTRONICS

Cluster 2

PAPER VIII-B-1. EMBEDDED SYSTEMS & C LANGUAGE

PAPER VIII-B-2. ELECTRONICS CIRCUITS AND PCB DESIGN

PAPER VIII-B-3. COMPUTER NETWORKS

Cluster 3

Paper VIII-C-1. DIGITAL SIGNAL PROCESSING

Paper VIII-C-2. TRANSMISSION LINES, ANTENNA AND WAVE PROPAGATION

Paper VIII-C-3. MOBILE APPLICATION PROGRAMMING

PRINCIPAL

Gayatri College of Science & Management
Munasabpet-Srikakulam-532 401

**ELECTRONICS SYLLBUS (CBCS) SEMESTER WISE
B.Sc ELECTRONICS COURSE STRUCTURE**

SEMESTER VI	ELECTRONIC INSTRUMENTATION – 7A (ELECTIVE) – 1	4	4	25	75	100
	ELECTRONICS LAB – 7A	2	2	0	50	50
	MICROCONTROLLER AND INTERFACE – 7B (ELECTIVE) – 2	4	4	25	75	100
	ELECTRONICS LAB – 7B	2	2	0	50	50
	MODERN COMMUNICATION SYSTEMS – 7C (ELECTIVE) – 3	4	4	25	75	100
	ELECTRONICS LAB – 7C	2	2	0	50	50

Cluster I (For Elective VII A)						
Paper VIII A 1	BASIC VLSI DESIGN	4	4	25	75	100
Practical VIII A 1	BASIC VLSI DESIGN LABORATORY	2	2	0	50	50
Paper VIII A 2	BIO MEDICAL INSTRUMENTATION	4	4	25	75	100
Practical VIII A 2	BIO MEDICAL INSTRUMENTATION LABORATORY	2	2	0	50	50
Paper VIII A 3	POWER ELECTRONICS	4	4	25	75	100
Practical VIII A 3	PROJECT	2	2	0	50	50


PRINCIPAL
 Gayatri College of Science & Management
 Munasabbeta-Srikakulam-532 401

Or Cluster 2 (For Elective VII B)						
Paper VIII B 1	EMBEDDED SYSTEMS & C LANGUAGE	4	4	25	75	100
Practical VIII B 1	EMBEDDED SYSTEMS & C LANGUAGE LABORATORY	2	2	0	50	50
Paper VIII B 2	ELECTRONIC CIRCUITS AND PCB DESIGNING	4	4	25	75	100
Practical VIII B 2	ELECTRONIC CIRCUITS AND PCB DESIGNING LABORATORY	2	2	0	50	50
Paper VIII B 3	COMPUTER NETWORKS	4	4	25	75	100
Practical VIII B 3	PROJECT	2	2	0	50	50

Or Cluster 3 (For Elective VII C)						
Paper VIII C 1	DIGITAL SIGNAL PROCESSING	4	4	25	75	100
Practical VIII C 1	DIGITAL SIGNAL PROCESSING LABORATORY	2	2	0	50	50
Paper VIII C 2	TRANSMISSION LINES, ANTENNA AND WAVE PROPAGATION	4	4	25	75	100
Practical VIII C 2	TRANSMISSION LINES , ANTENNA AND WAVE PROPAGATION LABORATORY	2	2	0	50	50
Paper VIII C 3	MOBILE APPLICATION PROGRAMMING	4	4	25	75	100
Practical VIII C 3	PROJECT	2	2	0	50	50


PRINCIPAL
 Gayatri College of Science & Management
 Munasabpetta-Srikakulam-532 401

Semester	Paper	Subject	Hrs.	Credits	IA	ES	Total
SEMESTER VI	VII (A/B/C)	Elective-I					
		A. Operating Systems	3	3	25	75	100
		B. Computer Networks					
		C. Web Technologies					
		Lab for Elective –I	2	2	0	50	50
	VIII Cluster- A-1,2,3 or Cluster- B-1,2,3	Elective-II(cluster A)					
		1. Foundations of Data Science					
		2. Big Data Technology	3	3	25	75	100
		3. Computing for Data Analytics					
		Project Work	2	2	20	30	50
		Elective-II(cluster B)					
		1. Distributed Systems					
		2. Cloud Computing	3	3	25	75	100
		3. Grid computing					
		Project Work	2	2	20	30	50


PRINCIPAL

Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
CBCS B.A./B.Sc. Mathematics Course Structure

w.e.f 2015 -16 (Revised in April, 2016)		VI	Linear Algebra & Linear Algebra Problem Solving Sessions	5	5	25	75	100
	VI	VII	Electives: (any one) VII-(A) Laplace Transforms VII-(B) Numerical Analysis VII-(C) Number Theory & Elective Problem Solving Sessions	5	5	25	75	100
		VIII	Cluster Electives: VIII-A-1: Integral Transforms VIII-A-2: Advanced Numerical Analysis VIII-A-3: Project work or VIII-B-1: Principles of Mechanics VIII-B-2: Fluid Mechanics VIII-B-3: Project work or VIII-C-1: Graph Theory VIII-C-2: Applied Graph Theory VIII-C-3: Project work	5	5	25	75	100
				5	5	25	75	100
				5	5	25	75	100



PRINCIPAL
Gayatri College of Science & Management
Munasabpet-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
B.Sc. PHYSICS SYLLABUS UNDER CBCS
w.e.f. 2015-16 (Revised in April 2016)

Sixth Semester

Paper VII: Elective (One)

Paper VIII: Cluster Electives (Three)

Practical 7 (Lab 7)

Practical 8 (Lab 8)

Proposed Electives in Semester - VI

Paper – VII (one elective is to be chosen from the following)

Paper VII-(A): Analog and Digital Electronics

Paper VII-(B): Materials Science

Paper VII-(C): Renewable Energy

Paper – VIII (one cluster of electives (A-1,2,3 or B-1,2,3 or C-1,2,3) to be chosen *preferably* relating to the elective chosen under paper – VII (A or B or C))

Cluster 1.

Paper VIII-A-1. Introduction to Microprocessors and Microcontrollers

Paper VIII-A-2. Computational Physics and Programming

Paper VIII-A-3. Electronic Instrumentation

Cluster 2

Paper VIII-B-1. Fundamentals of Nanoscience

Paper VIII-B-2. Synthesis and Characterization of Nanomaterials

Paper VIII-B-3. Applications of Nanomaterials and Devices

Cluster 3

Paper VIII-C-1. Solar Thermal and Photovoltaic Aspects

Paper VIII-C-2. Wind, Hydro and Ocean Energies

Paper VIII-C-3. Energy Storage Devices

B.Sc. (Physics) (Maths Combinations)

Scheme of instruction and examination to be followed w.e.f. 2015-2016

S. No	Semester	Title of the paper	Instruction hrs/week	Duration of exam(hrs)	Max Marks (external)
Thoery					
6	Sixth	PaperVII :Elective (One)	4	3	75
		Paper VIII: Cluster Electives (Three)	4	3	75
Practicals					
7	Sixth	Practical VII	2	3	50
8		Practical VIII	2	3	50

Andhra Pradesh State Council of Higher Education
B.Sc. Chemistry Syllabus under CBCS
w.e.f. 2015-16 (revised in April 2016)

Structure of Chemistry Syllabus Under CBCS

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS
	* Any one Paper from VII A, B and C	VII (A)*	Elective	100	03
			Practical - VII A	50	02
		VII (B)*	Elective	100	03
			Practical - VII B	50	02
		VII (C)*	Elective	100	03
			Practical - VII C	50	02
	** Any one cluster from VIII, A, B and C	VIII (A)**	Cluster Electives - I :	100	03
			VIII-A-1	100	03
			VIII-A-2	100	03
			VIII-A-3	50	02
				50	02
				50	02
		VIII (B)**	Cluster Electives - II ::	100	03
			VIII-B-1	100	03
			VIII- B-2	100	03
			VIII-B-3	50	02
				50	02
				50	02
		VIII (C)**	Cluster Electives - III ::	100	03
			VIII-C-1	100	03
			VIII-C-2	100	03
			VIII-C-3	50	02
				50	02
				50	02

AP STATE COUNCIL OF HIGHER EDUCATION


PRINCIPAL
Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Andhra Pradesh State Council of Higher Education
CBCS B.A./B.Sc. Mathematics Course Structure

w.e.f 2015 -16 (Revised in April, 2016)		VI	Linear Algebra & Linear Algebra Problem Solving Sessions	5	5	25	75	100
	VI	VII	Electives: (any one) VII-(A) Laplace Transforms VII-(B) Numerical Analysis VII-(C) Number Theory & Elective Problem Solving Sessions	5	5	25	75	100
		VIII	Cluster Electives: VIII-A-1: Integral Transforms VIII-A-2: Advanced Numerical Analysis VIII-A-3: Project work or VIII-B-1: Principles of Mechanics VIII-B-2: Fluid Mechanics VIII-B-3: Project work or VIII-C-1: Graph Theory VIII-C-2: Applied Graph Theory VIII-C-3: Project work	5	5	25	75	100
				5	5	25	75	100
				5	5	25	75	100



PRINCIPAL
Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Sixth Semester

Paper VII: Elective (One)

Paper VIII: Cluster Electives (Three)

Practical 7 (Lab 7)

Practical 8. (Lab 8)

Proposed Electives in Semester - VI

Paper – VII (one elective is to be chosen from the following)

Paper VII-(A): Analog and Digital Electronics

Paper VII-(B): Materials Science

Paper VII-(C): Renewable Energy

Paper – VIII (one cluster of electives (A-1,2,3 or B-1,2,3 or C-1,2,3) to be chosen *preferably* relating to the elective chosen under paper – VII (A or B or C)

Cluster 1.

Paper VIII-A-1. Introduction to Microprocessors and Microcontrollers

Paper VIII-A-2. Computational Physics and Programming

Paper VIII-A-3. Electronic Instrumentation

Cluster 2

Paper VIII-B-1. Fundamentals of Nanoscience

Paper VIII-B-2. Synthesis and Characterization of Nanomaterials

Paper VIII-B-3. Applications of Nanomaterials and Devices

Cluster 3

Paper VIII-C-1. Solar Thermal and Photovoltaic Aspects

Paper VIII-C-2. Wind, Hydro and Ocean Energies

Paper VIII-C-3. Energy Storage Devices

B.Sc. (Physics) (Maths Combinations)

Scheme of instruction and examination to be followed w.e.f. 2015-2016

Scheme of instruction and examination to be followed w.e.f. 2015-2016					
S. No	Semester	Title of the paper	Instruc- tion hrs/week	Duration of exam(hrs)	Max Marks (external)
Thoery					
6	Sixth	PaperVII :Elective (One)	4	3	75
		Paper VIII: Cluster Electives (Three)	4	3	75
Practicals					
7	Sixth	Practical VII	2	3	50
8		Practical VIII	2	3	50

Semester	Paper	Subject	Hrs.	Credits	IA	ES	Total
SEMESTER VI	VII (A/B/C)	Elective-I					
		A. Operating Systems	3	3	25	75	100
		B. Computer Networks					
		C. Web Technologies					
		Lab for Elective –I	2	2	0	50	50
	VIII Cluster- A-1,2,3 or Cluster- B-1,2,3	Elective-II(cluster A)					
		1. Foundations of Data Science	3	3	25	75	100
		2. Big Data Technology					
		3. Computing for Data Analytics	2	2	20	30	50
		Project Work					
		Elective-II(cluster B)					
		1. Distributed Systems	3	3	25	75	100
		2. Cloud Computing					
		3. Grid computing					
		Project Work	2	2	20	30	50


PRINCIPAL

Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Table-6: B.Com- Semester – VI

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours**	Credits
1.	DSC 1 G	6.2 Marketing	100	25	75	5	4
2.	DSC 2 G	6.3 Auditing	100	25	75	5	4
3.	DSC 3 G	6.4 Management Accounting	100	25	75	5	4
4.	Elective-DSC 1 H/Inter-disp./Gen. Elec.	Cluster Electives -2 1A. e-Commerce 6.5 e-Payments System 6.6 Social Media and e-Marketing 6.7 Project Work: Working with Organizations on Tele-marketing /e-Shopping Activities	100	25	75	5	4
5.	Elective-DSC 2H/Inter-disp./Gen. Elec.	6.7 Project Work: Working with Organizations on Tele-marketing /e-Shopping Activities	100	25	75	5	4
6.	Elective-DSC 3H/Inter-disp./Gen. Elec.	2A. Retailing 6.5 Agricultural & Rural Marketing 6.6 Warehouse Management 6.7 Project Work: Survey on Hawkers/ Working with Warehouses 3A. Corporate Accounting 6.5 Financial Reporting 6.6 Emerging Areas in Accounting 6.7 Project Work: Financial Reporting practices in Companies/ Survey on Human Resource/ Environmental Accounting. 4A. Security Market Operations 6.5 Derivatives Trading 6.6 Stock Market Regulatory Framework 6.7 Project Work: Internship in Stock Exchanges/ Mutual Funds /Working with Stock Brokers 5A. Banking & Financial Services 6.5 Financial Services 6.6 Marketing of Financial Services 6.7 Project Work: Working with Financial Services Firms on Documentation for Sanction of Loans and financial Services 6A. Taxation 6.5 Goods & Service Tax and Customs Act 6.6 Tax Planning and Management 6.7 Project Work: Internship on Tax Planning Practices in Business Units 7A. Insurance 6.5 Marketing of Insurance Services 6.6 Insurance Regulatory Framework 6.7 Project Work: Survey on Settlement of	100	25	75	5	4



PRINCIPAL

Gayatri College of Science & Management
Munasabpeta-Srikakulam-532 401

	Claims and Customer Care					
	8A. Logistics & Supply Chain Management					
	6.5 Supply Chain Management - Products					
	6.6 Supply Chain Management - Services					
	6.7 Project Work: Internship with Freight Operators/ Supply Chain Management Practices in Business Units					
	9A. Advertising and Sales Promotion					
	6.5 Sales Promotion					
	6.6 Direct Marketing					
	6.7 Project work: Survey with Customers/Sales Force/Middlemen					
	10A. Computer Applications					
	6.5 e-Commerce Applications					
	6.6 Enterprise Resource Planning					
	6.7 Project Work: Working on the applications of ERP packages in Companies / Internship/Projects in e-Commerce Companies on the Design and Creation of websites.					
Total		600			30	24
Grand Total					164	134


PRINCIPAL

Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Table-6: B.B.A Semester – VI

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours	Credits
1.	DSC 1 G	International Business	100	25	75	5	4
2.	DSC 2 G	Medium, Small & Micro Enterprises Management	100	25	75	5	4
3.	DSC 3 G	Project Management	100	25	75	5	4
4.	DSC 1 H Elective*	1. E-Business	100	25	75	5	4
		2. Financial Management					
5.	DSC 2 H Elective*	3. Human Resource Management	100	25	75	5	4
6.	DSC 3 H Elective*	4. International Business					
		5. Marketing Management	100	25	75	5	4
		6. Operations Management					
Total			600	150	450	30	24
Grand Total			3500	750	2750	164	134

Note:

1. Titles of a few Electives Streams are given for DSC- F (1F, 2F & 3F combined) at V Semester and the same titles are repeated for DSC – H (1H, 2H & 3H combined). Each Elective Stream consists of two theory papers and one project work for each semester. The total for V & VI semesters will be four theory papers and two project works under each stream. A student has to select **One Stream of Elective consisting of four theory papers and two projects**(together for V & VI semesters). That means, the student will continue the same elective in the VI semester also.

2. The colleges have to implement original project work which may consist of field survey/internship/case study/practical training also for the third respective elective papers in V & VI semester.

Elective Papers:**E-Business (EB):**

DSC 1F (EB) e-Commerce

DSC 2F (EB) Business Networks

DSC 1H (EB) e-Payments System

DSC 2H (EB) Social Media and e-Marketing



PRINCIPAL
Gayatri College of Science & Management
Munasabpetta-Srikakulam-532 401

Financial Management (FM):

DSC 1F (FM) Financial Markets
DSC 2F (FM) Foreign Exchange Management
DSC 1H (FM) Financial Services
DSC 2H (FM) Investment Management

Human Resource Management (HR):

DSC 1F (HR) Talent Management
DSC 2F (HR) Industrial Relations
DSC 1H (HR) Global HRM
DSC 2H (HR) Training & Development

International Business Management (IB):

DSC 1F (IB) Global Marketing
DSC 2F (IB) Foreign Exchange Management
DSC 1H (IB) Global HRM
DSC 2H (IB) Export and Import: Procedures and Documentation

Marketing Management (MM):

DSC 1F (MM) Global Marketing
DSC 2F (MM) Advertising & Media Management
DSC 1H (MM) Marketing of Services
DSC 2H (MM) Retail Management

Operations Management (OM):

DSC 1F (OM) Purchase Management
DSC 2F (OM) Warehouse Management
DSC 1H (OM) Logistics and Supply Chain Management
DSC 2H (OM) Export and Import: Procedures and Documentation



PRINCIPAL

**Gayatri College of Science & Management
Munasaipeta-Srikakulam-532 401**