



A.P. State Council of Higher Education
Revised Framework and Syllabi under CBCS for Colleges in Andhra Pradesh
 w.e.f.2015-16(Revised in April, 2016)

Table-1: B.B.A - Semester - I

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam*	Sem. End Exam	Teaching Hours	Credits
1.	First Language	English	100	25	75	4	3
2.	Second Language	(Tel/Hindi/Urdu/Sans)	100	25	75	4	3
3.	Foundation Course-1	HVPE (Human Values & Professional Ethics)	50	---	50	2	2
4.	Foundation Course-2	Environmental Studies	50	---	50	2	2
5.	DSC 1A	Management Process	100	25	75	5	4
6.	DSC 2A	Managerial Economics	100	25	75	5	4
7.	DSC 3A	Information Technology for Managers	100	25	75	5	4
Total			600	125	475	27	22

* At the college (The marks split between Formal Test and Co-curricular activities may be decided by the University concerned)

** Syllabus size shall be in accordance with the number of teaching hours.

Table-2: B.B.A -Semester - II

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours	Credits
1.	First Language	English	100	25	75	4	3
2.	Second Language	(Tel/Hindi/Urdu/Sans)	100	25	75	4	3
3.	Foundation Course-3	ICT-1 (Information & communication Technology)	50	---	50	2	2
4.	Foundation Course-4	Communication & Soft Skills-1	50	---	50	2	2
5.	DSC 1B	Quantitative Methods for Managers	100	25	75	5	4
6.	DSC 2B	Accounting for Managers	100	25	75	5	4
7.	DSC 3B	Business Environment	100	25	75	5	4
Total			600	125	475	27	22

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Table-3: B.B.A Semester – III

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours	Credits
1.	First Language	English	100	25	75	4	3
2.	Second Language	(Tel/Hindi/Urdu/Sans)	100	25	75	4	3
3.	Foundation Course-5	ICT-2 (Information & communication Technology)	50	---	50	2	2
4.	Foundation Course-6	Communication & Soft Skills-2	50	---	50	2	2
5.	DSC 1C	Operations Management	100	25	75	5	4
6.	DSC 2C	Human Resource Management	100	25	75	5	4
7.	DSC 3C	Organization Behaviour	100	25	75	5	4
Total			600	125	475	27	22

Table-4: B.B.A -Semester – IV

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours**	Credits
1.	Foundation Course-7	Communication & Soft Skills-3	50	---	50	2	2
2.	Foundation Course-8	Analytical Skills	50	---	50	2	2
3.	Foundation Course-9	Entrepreneurship	50	---	50	2	2
4.	Foundation Course-10	Leadership Education (LE)	50	---	50	2	2
5.	DSC 1D	Financial Management	100	25	75	5	4
6.	DSC 2D	Marketing Management	100	25	75	5	4
7.	DSC 3D	Business Ethics & Corporate Governance	100	25	75	5	4
Total			500	75	425	23	20

*HVPE: May be taught by Telugu Teachers

**Analytical Skills: To be taught by Maths/Statistics teachers (and partly by English Teachers)

14-11-2023



Table-5: B.B.A -Semester - V

Sl. No.	Course	Name of the subject	Total Marks	Mid. Sem. Exam	Sem. End Exam	Teaching Hours**	Credits
1.	DSC 1 E	E-Commerce	100	25	75	5	4
2.	DSC 2 E	Business Laws	100	25	75	5	4
3.	DSC 3 E	Taxation	100	25	75	5	4
4.	DSC 1F Elective	1.E-Business	100	25	75	5	4
5.	DSC 1F Elective	2.Financial Management	100	25	75	5	4
6.	DSC 1F Elective.	3.Human Resource Management	100	25	75	5	4
		4.International Business	100	25	75	5	4
		5.Marketing Management					
		6.Operations Management					
Total			600	150	450	30	24

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	100	25	75	5	4
5.	DSC 2 H Elective*	3. Human Resource Management	100	25	75	5	4
6.	DSC 3 H Elective*	4. International Business	100	25	75	5	4
		5. Marketing Management					
		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

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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

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

14-11-2021



SRI KRISHNADEVARAY UNIVERSITY:: ANANTAPURAMU

**UG CBCS SYLLABUS
VI Semester
(2017-2018)**

**B.Sc., BIO-CHEMISTRY
VI SEMESTER- SYLLABUS**

(AS PER CBCS AND SEMESTER SYSTEM)

III YEARS

w.e.f. 2017-2018



**AP STATE COUNCIL OF HIGHER EDUCATION
CBCS - PATTERN FOR BIO-CHEMISTRY**

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AP STATE COUNCIL OF HIGHER EDUCATION
BIOCHEMISTRY COURSE STRUCTURE UNDER
 (w.e.f. 2015-16, Revised)

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS	
I	I	I	Theory- BCT-101: Biomolecules	100	03	
			Practical - I- BCP- 101: Qualitative Analysis	50	02	
	II	II	Theory -BCT-201: Nucleic acids and biochemical techniques	100	03	
			Practical - II,BCP-201 : Isolations and Biochemical Techniques	50	02	
II	III	III	Theory -BCT-301: Enzymology and Bioenergetics	100	03	
			Practical - III, BCP 301: Enzymology	50	02	
	IV	IV	Theory - BCT-401: Intermediary Metabolism	100	03	
			Practical - IV- BCP-401 : Quantitative Analysis	50	02	
III	V	V	Theory - BCT-501: Human Physiology and Clinical Biochemistry	100	03	
			Practical - V,BCP-501	50	02	
		VI	Theory - BCT-502: Nutritional biochemistry, Immunology & Endocrinology	100	03	
			Elective Practical - BCP-502	50	02	
	Any one cluster from I, II and III	VII A	VII A	Microbiology and Molecular Biology	100	03
				Practical - VII (A)	50	02
		VII B	VII B	Cell Biology and Genetics		
				Practical - VII (B)		
		VII C	VII C	Basic Microbiology		
				Practical - VII (C)		
		Cluster VIII-A**	Cluster VIII-A**	Cluster Electives -VIII-Medical diagnostics		
				1.Haematology	100	03
				2.Clinical Microbiology	100	03
3.Biochemical Correlations in Diseases	100			03		
Practical - VIII: 1	50			02		
Practical - VIII: 2	50			02		
Project Work	50	02				
Cluster VIII-B**	Cluster VIII-B**	Cluster Electives -VIII-B : Biotechnology				
		1.Recombinant technology	100	03		
		2. Plant and animal biotechnology	100	03		

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		3. Bioinformatics	100	03
		Practical – VIII: 1		02
		Practical – VIII: 2	50	02
		Project Work	50	02
	Cluster VIII-C**	Cluster Electives – VIII-C : Nutrition and health		
		1. Fundamentals of nutrition and food science	100	03
		2: Nutrition for the family& public health		
		3: Therapeutic nutrition	100	03
		Practical – VIII: 1	100	03
		Practical – VIII: 2	50	02
		Project Work	50	02

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Course Structure
B.Sc (Computer Science)
SRI KRISHNADEVARAYA UNIVERSITY : ANANTHAPURAM
Revised Common Framework of CBCS for Colleges in Andhra Pradesh
(A.P. State Council of Higher Education) 2016-17

Semester	Paper	Subject	Hrs.	Credits	IA	ES	Total
FIRST YEAR							
SEMESTER I	I	Computer Fundamentals & MS OFFICE (OR : 2015-2016 batch only)	4	3	25	75	100
		Computer Fundamentals and Photoshop (NR : 2016-2017 onwards)					
		Computer Fundamentals & MS OFFICE Lab (OR : 2015-2016 batch only)	2	2	0	50	50
		Photo Shop Lab (NR : 2016-2017 onwards)					
SEMESTER II	II	Programming in C	4	3	25	75	100
		Programming in C Lab	2	2	0	50	50
SECOND YEAR							
SEMESTER III	III	Object Oriented Programming Using Java	4	3	25	75	100
		Object Oriented Programming Using Java Lab	2	2	0	50	50
SEMESTER IV	IV	Data Structures	4	3	25	75	100
		Data Structures using Java Lab	2	2	0	50	50
THIRD YEAR							
SEMESTER V	V	DBMS	3	3	25	75	100
		DBMS Lab	2	2	0	50	50
	VI	Software Engineering	3	3	25	75	100
		Software Engineering Lab	2	2	0	50	50
SEMESTER VI	VII (A/B/C)	Elective-I					
		A. Operating Systems	3	3	25	75	100
		Operating Systems Lab	3	2	0	50	50
		B. Computer Networks	3	3	25	75	100
		Computer Networks Lab	3	2	0	50	50
		C. Web Technologies ✓	3	3	25	75	100
		Web Technologies Lab	3	2	0	50	50

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Course Structure
B.Sc (Computer Science)
SRI KRISHNADEVARAYA UNIVERSITY : ANANTHAPURAMU
Revised Common Framework of CBCS for Colleges in Andhra Pradesh
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		Elective-II(Cluster A)					
		A1.Foundations of Data Science	3	3	25	75	100
		Foundations of Data Science Lab (through R)	3	2	0	50	50
		A2.Big Data Technology	3	3	25	75	100
		Big Data Technology Lab (Hadoop)	3	2	0	50	50
		Elective-II(Cluster B)					
		B1. Distributed Systems	3	3	25	75	100
		Distributed Systems Lab	3	2	0	50	50
		B2. Cloud Computing	3	3	25	75	100
		Cloud Computing Lab	3	2	0	50	50
		Elective-II(Cluster C) ✓					
		C1. PHP – MySql & Wordpress	3	3	25	75	100
		PHP-MySql & Wordpress Lab	3	2	0	50	50
		C2. Advanced JavaScript : JQuery, Ajax, Angular JS & JSON	3	3	25	75	100
		Advanced JavaScript Lab	3	2	0	50	50
		Project	5	5	25	75	100

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Andhra Pradesh State Council of Higher Education
Structure of B. A. HISTORY Syllabus under CBCS

Table-1:

w.e.f. 2015-16 (Revised in April, 2016)

<i>Semester</i>	<i>Paper</i>	<i>Title</i>
Semester I (Core)	I	Ancient Indian History & Culture (from earliest times to 600 A.D)
Semester II (Core)	II	Early Medieval Indian History & Culture (600 A.D to 1526 A. D.)
Semester III (Core)	III	Late Medieval & Colonial History of India (1526 to 1857 A. D.)
Semester IV (Core)	IV	Social Reform Movement & Freedom Struggle (1820s to 1947 A.D.)
Semester V (Core)	V	Age of Rationalism And Humanism The World Between 15 th & 18 th Centuries
Semester V (Core)	VI	History & Culture of Andhra Desa (from 12 th to 19 th Century A.D.)
Semester VI Elective - 1	VII-A	History of Modern Europe (from 19 th Century to 1945 A. D.)
Semester VI Elective - 2	VII-B	History of East Asia (from 19 th Century A.D. to 1950 A.D)
Semester VI Elective - 3	VII-C	Contemporary History of The World (1945 to Circa 2000 A. D.)
Semester VI Elective - 4	VII-D	Basics of Journalism
Semester VI Elective - 5	VII-E	Historical Application in Tourism
Semester VI Elective - 6	VII-F	Modern Techniques in Archaeology
Semester VI Cluster Electives Elective - 1	VIII-A-1	PROJECT: Cultural Tourism in Andhra Pradesh
Elective - 2	VIII-A-2	Popular Movements in Andhra Desa (1848 TO 1956 A.D.)
Elective - 3	VIII-A-3	Contemporary History of Andhra Pradesh (1956-2014)

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Structure of B.A. HISTORY Syllabus under CBCS



Table-2:

Sl. No	Sem	Paper	Name of Paper	Nature	Hours/Week	Marks		
						Mid Sem	Sem End	
1	I	I	Ancient Indian History & Culture (From earliest times to 600 A.D.)	Core	5	4	25	75
2	II	II	Early Medieval Indian History & Culture (600 A.D to 1526 A. D.)	Core	5	4	25	75
3	III	III	Late Medieval & Colonial History of India (1526 to 1857 A. D.)	Core	5	4	25	75
4	IV	IV	Social Reform Movement & Freedom Struggle (1820s to 1947 A.D.)	Core	5	4	25	75
5	V	V	Age of Rationalism and Humanism The World Between 15 th & 18 th Centuries	Core	5	4	25	75
6		VI	History & Culture of Andhra Desa (from 12 th to 19 th Century A.D.)	Core	5	4	25	75
7		VII-(A)	History of Modern Europe (from 19 th Century to 1945 A. D.)	EI	5	4	25	75
		VII-(B)	History of East Asia (from 19 th Century A.D. to 1950 A.D.)					
		VII-(C)	Contemporary History of The World (1945 to Circa 2000 A. D.)					
		VII-(D)	Basics of Journalism					
		VII-(E)	Historical Application in Tourism					
		VII-(F)	Modern Techniques in Archaeology					
8	VI	VIII-A-1	PROJECT Cultural Tourism In Andhra Pradesh	CI EI (3)	5	4	25	75
		VIII-A-2	Popular Movements In Andhra Desa (1848 TO 1956 A.D.)					
		VIII-A-3	Contemporary History of Andhra Pradesh (1956-2014)					
TOTAL						32	200	600

Y. Ushah

Andhra Pradesh State Council of Higher Education
CBCS B.A./B.Sc. **Mathematics** Course Structure
w.e.f. 2015-16 (Revised in April, 2016)



Year	Semester	Paper	Subject	Hrs.	Credits	IA	EA	Total	
1	I	I	Differential Equations & Differential Equations Problem Solving Sessions	6	5	25	75	100	
	II	II	Solid Geometry & Solid Geometry Problem Solving Sessions	6	5	25	75	100	
2	III	III	Abstract Algebra & Abstract Algebra Problem Solving Sessions	6	5	25	75	100	
	IV	IV	Real Analysis & Real Analysis Problem Solving Sessions	6	5	25	75	100	
3	V	V	Ring Theory & Vector Calculus & Ring Theory & Vector Calculus Problem Solving Sessions	5	5	25	75	100	
		VI	Linear Algebra & Linear Algebra Problem Solving Sessions	5	5	25	75	100	
	VII	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	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 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	

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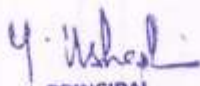
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AP STATE COUNCIL OF HIGHER EDUCATION

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

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS		
I	I	I	Biology of Non-chordates	100	03		
			Practical - I	50	02		
	II	II	Biology of Chordates	100	03		
			Practical - II	50	02		
II	III	III	Cell biology, Genetics and Evolution	100	03		
			Practical - III	50	02		
	IV	IV	Embryology, Physiology and Ecology	100	03		
			Practical - IV	50	02		
III	V	V	Animal Biotechnology	100	03		
			Practical - V	50	02		
		VI	Animal Husbandry	100	03		
			Practical - VI	50	02		
	Any one Paper from A & B	VII (A)	Immunology	100	03		
			Practical - VII (A)	50	02		
		VII (B)*	Cellular Metabolism and Molecular Biology	100	03		
			Practical - VII (B)	50	02		
	** Any one cluster from VIII-A & VIII-B	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				
VI							


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