



D. K. GOVERNMENT COLLEGE FOR WOMEN

Nellore, Andhra Pradesh- 524003

Autonomous College, College with Potential for Excellence

Re-accredited with "A" Grade by NAAC



CERTIFICATE

This is to certify that the following data includes the Structures of various Programs offered in the college. As per the available records the data has been found correct.




Principal
D.K. Govt. College for Women (A)
NELLORE

B.Sc., HOME SCIENCE
CREDIT BASED CURRICULUM SYSTEM (CBCS)
Syllabus and Scheme of Examination
(WITH EFFECT FROM THE ACADEMIC YEAR 2020 onwards)

Course B. Sc.

Subject Home Science

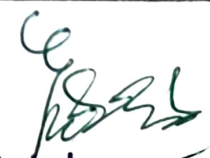
Part	Course Code	Title of the Course	No. of Hours		Credits	Max Marks
			T	P		
Part 1		English	4	0	3	100
		Language 2(H/T/S)	4	0	3	100
		Life Skills course	2	-	2	50
		Skill Development Course	2	-	2	50
Part 2	HSC 101	Basic Nutrition (FN-1)	4	-	4	100
		Basic Nutrition Practicals	-	2	1	50
	HSC 102	General Psychology	4	-	4	100
		General Psychology Practicals	-	2	1	50
	HSC 103	Fundamentals of Textiles (TEN-1)	4	-	4	100
		Fundamentals of Textiles Practicals	-	2	1	50
		Total	30		25	750
Part 1		English	4	0	3	100
		Language 2-(H/T/S)	4	0	3	100
		Life Skills course	2	-	2	50
		Skill Development Course	2+2	-	2+2	100
Part 2	HSC 201	Introduction to Food Science(FN-2)	4	-	4	100
		Introduction to Food Science Practicals	-	2	1	50
	HSC 202	Housing for Better Living (HNI-1)	4	-	4	100
		Housing for Better Living Practicals	-	2	1	50
	HSC 203	Fundamentals of Home Science Extension (EXT-1)	4	-	4	100
		Fundamentals of Home Science Extension Practicals	-	2	1	50
		Total	32		27	800



SECOND YEAR

Semester	Part	Course Code	Title of the Paper	No. of Hours		Credits	Max Marks
				T	P		
Semester III	Part 1		Language 1	4	0	3	100
			Language 2	4	0	3	100
			Life Skills course	2+2	-	2+2	100
			Skill Development Course	2	-	2	50
	Part 2	HSC 301	Community Nutrition(FN-3)	4	-	4	100
			Community Nutrition Practicals	-	2	1	50
		HSC 302	Principles of Garment construction (TEX-2)	4	-	4	100
			Principles of Garment construction Practicals	-	2	1	50
		HSC 303	Child Development (HD-1)	4	-	4	100
			Child Development Practicals	-	2	1	50
			Total Marks	32		27	800
Semester IV		HSC 401	Therapeutic Nutrition (FN-4)	4	-	4	100
			Therapeutic Nutrition Practicals	-	2	1	50
		HSC 402	Fabric Construction & Apparel Care (TEX-3)	4	-	4	100
			Fabric Construction & Apparel Care Practicals	-	2	1	50
		HSC 403	Human Development and Family Dynamics (HD-2)	4	-	4	100
			Human Development and Family Dynamics Practicals	-	2	1	50
		HSC 404	Nutritional Bio-Chemistry (FN-5)	4	-	4	100
			Nutritional Bio-Chemistry Practicals	-	2	1	50
		HSC 405	Interior Design and Decoration (HM-2)	4	-	4	100
			Interior Design and Decoration Practicals	-	2	1	50
		HSC 406	Extension Education & Community Development(EXT-2)	4	-	4	100
			Extension Education & Community Development Practicals	-	2	1	50
			Total Marks	36		30	900




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THIRD YEAR V Sem

Semester	Part	Course Code	Title of the Paper	No. of Hours		Th	Pr	Th	Pr	Total Marks (100)
Semester 5	Part 1	HSC 501	Sociology, Marriage And Family Dynamics	4	-	4	-	40	60	100
			Sociology, Marriage And Family dynamics Practicals	-	2	2	-	-	50	50
		HSC 502	Human Development	4	-	4	-	40	60	100
			Human Development Practicals	-	2	2	-	-	50	50
		HSC 503	Textiles And Clothing	4	-	4	-	40	60	100
			Textiles And Clothing Practicals	-	2	2	-	-	50	50
		HSC 504	Management Of Family Resources	4	-	4	-	40	60	100
			Management Of Family Resources Practicals	-	2	2	-	-	50	50
		HSC 505	Therapeutic Nutrition	4	-	4	-	40	60	100
			Therapeutic Nutrition Practicals	-	2	2	-	-	50	50
		HSC 506	Home Science Extension	4	-	4	-	40	60	100
			Home Science Extension Practicals	-	2	2	-	-	50	50
			Total Marks					300	600	900



THIRD YEAR - VI Sem									
Semester	Part	Course Code	Title of the Paper	No. of Hours		Credits	TA	ES	Total Marks (100)
				T	P				
Semester VI	Part 2	HSC 601	Pre School Education	4	-	4	40	60	100
			Pre School Education Practicals	-	2	2	-	50	50
	HSC 601 1 (E)	Cricche	Cricche	4	-	4	40	60	100
			Cricche Practicals	-	2	2	-	50	50
	HSC 601 2 (E)	Child Welfare Organization	Child Welfare Organization	4	-	4	40	60	100
			Child Welfare Organization Practicals	-	2	2	-	50	50
	HSC 601 3 (E)	Development During Pre School Age	Development During Pre School Age	4	-	4	40	60	100
			Development During Pre School Age Practicals	-	2	2	-	50	50
	HSC 602	House Hold And Institutional Economics	House Hold And Institutional Economics	4	-	4	40	60	100
			House Hold And Institutional Economics Practicals	-	2	2	-	50	50
	HSC 602/1 (E)	Institutional Management	Institutional Management	4	-	4	40	60	100
			Institutional Management Practicals	-	2	2	-	50	50
	HSC 602/2 (E)	Food Service Management	Food Service Management	4	-	4	40	60	100
			Food Service Management Practicals	-	2	2	-	50	50
	HSC 602/3 (E)	Textiles Clothing And Consumer Economics	Textiles Clothing And Consumer Economics	4	-	4	40	60	100
			Textiles Clothing And Consumer Economics Practicals	-	2	2	-	50	50



		HSC 603	Home Science Extension And Community Development	4	-	4	40	60	100
			Home Science Extension And Community Development Practicals	-	2	2	-	50	50
		HSC 603/1 (E)	Communication	4	-	4	40	60	100
			Communication Practicals	-	2	2	-	50	50
		HSC 603/2 (E)	Women And Rural Development	4	-	4	40	60	100
			Women And Rural Development Practicals	-	2	2	-	50	50
		HSC 603/3 (E)	Community Development Organisation	4	-	4	40	60	100
			Community Development Organisation Practicals	-	2	2	-	50	50
			Total Marks			30	300	600	900




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BLUE PRINT OF CBCS MODEL CURRICULAM IN

GENERAL TELUGU & SPECIAL TELUGU

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S.No	SEM	TITLE	WORK LOAD PER WEEK	INTERNAL	EXTERNAL	TOTAL	CREDETS
1	1	ఐనరర్ తెలుగు	4	30	70	100	3
2	2	ఐనరర్ తెలుగు	4	30	70	100	3
3	3	ఐనరర్ తెలుగు	4	30	70	100	3

స్పెషల్ తెలుగు

S.No	SEM	TITLE	WORK LOAD PER WEEK	INTERNAL	EXTERNAL	TOTAL	CREDETS
1	1	ప్రాచీన కవితా పరిచయం	5	30	70	100	6
2	2	ఆధునిక కవితా పరిచయం	5	30	70	100	6
3	3	ప్రాచీన తెలుగు సాహిత్య చరిత్ర	5	30	70	100	6
4	4	ఆధునిక తెలుగు సాహిత్య చరిత్ర	5	30	70	100	6
5	4	తెలుగు సాహిత్య విమర్శ	5	30	70	100	6
6	5	బాలవ్యకరణం	5	30	70	100	6
7	5	భాషాశాస్త్రం	5	30	70	100	6
8	6	Elective అలంకారశాస్త్రం	5	30	70	100	6
9	6	Cluster-1 (జర్నలిజం)	5	30	70	100	6
10	6	Cluster-2 (ఆధునిక భాషాశాస్త్ర విశ్లేషణ)	5	30	70	100	6
11	6	Cluster-3 (అనువాదం)	5	30	70	100	6



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**D.K.GOV'T. COLLEGE FOR WOMEN (AUTONOMOUS),
NELLORE
B.A – Economics
COURSE STRUCTURE**

1st year, 2nd year and 3rd year-Semester wise

Sem	Course	Title of the Course	Hrs/wk	Credits	Mid Sem. Exam	Sem. End Exam	Marks
I	1	Microeconomic Analysis	5	4	30	70	100
II	2	Macroeconomic Analysis	5	4	30	70	100
III	3	Development Economics	5	4	25	75	100
IV	4	Economic Development-India & Andhra Pradesh	5	4	25	75	100
IV	5	Statistical Methods for Economics	5	4	25	75	100
V	5	Economic Development and Indian Economy	5	4	30	70	100
V	6	Indian and Andhra Pradesh Economy	5	4	30	70	100
VI	7F	Public Finance	5	4	30	70	100
VI	8 A-1	Agri. business Environment in Andhra Pradesh	5	4	30	70	100
VI	8 A-2	Agricultural output Market	5	4	30	70	100
VI	8 A-3	Agricultural Input Market	5	4	30	70	100



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D. K. Govt. College for Women (A):: Nellore
Department of English
2020-2021
Course Structures

General English Course

Sem	Course	Total Marks	Formative Assessment	Sem End Exam	Teaching Hours/week	Credits
I	Second Language - English	100	30	70	4	3
II	Second Language - English	100	30	70	4	3
III	Second Language - English	100	30	70	4	3

Skill Development Courses for first year

Sem	Course	Total Marks	Formative Assessment	Sem End Exam	Teaching Hours/week	Credits
II	Journalistic reporting (SDC ARTS)	50	10	40	2	2
II	Business Communication (SDC Commerce)	50	10	40	2	2

Life Skill Course for Second Year

Sem	Course Name (For all Students except C.E)	Total Marks	Formative Assessment	Sem End Exam	Teaching Hour//week	Credits
III	Personality Enhancement and Leadership	50	10	40	2	2



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**D.K. GOVT.COLLEGE FOR WOMEN (Autonomous),
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DEPARTMENT OF MATHEMATICS
CBCS B.A/B.SC MATHEMATICS COURSE STRUCTURE
w. c. f. 2019-20 Admitted Batch**

Year	semester	paper	Subject	Hrs.	credits	IA	EA	Total
1	I	I	Differential equations	6	5	30	70	100
	II	II	Three dimensional Analytical Solid geometry	6	5	30	70	100
2	III	III	Abstract algebra and abstract algebra problem solving sessions	6	5	30	70	100
	IV	IV	Real analysis and real analysis problem solving sessions	6	5	30	70	100
3	V	V	Ring theory and Matrices & solving sessions	5	5	30	70	100
		VI	Linear algebra and Linear algebra problem solving sessions	5	5	30	70	100

**D.K.Govt. College for women Autonomous, Nellore
B.Sc. MATHEMATICS
REVISED SYLLABUS FOR CORE COURSES CBCS/ SEMESTER SYSTEM
(w.c.f. 2020-21) Admitted Batch
CORE COURSES STRUCTURE
I to IV Semesters (As per the guidelines of APSHE)**

Course	Subject	Hours	Credits	IA	EA	Total
I	Differential Equations	6	5	30	70	100
II	Three dimensional	6	5	30	70	100



	analytical Solid geometry					
III	Abstract Algebra	6	5	30	70	100
IV-1	Real Analysis	6	5	30	70	100
IV-2	Linear Algebra	6	5	30	70	100




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APSCHE / V.S. UNIVERSITY:: NELLORE

Revised Common Framework of CBCS for colleges in Andhra Pradesh
(A.P. State Council of Higher Education)

Course Structure

B.Com (computer Applications)

SEMESTER –I

Sl.No	Course	Name of the subject	Total Marks	Mid. Sem Marks	Sem. End Marks	Teaching Hours	credits
1	F. Language	English	100	25	75	4	3
2	S. Language	Tel Hind / Urdu / San	100	25	75	4	3
3	LSC 1		50	-	50	2	2
4	SDC 1		50	-	50	2	2
5	CORE 1	Fundamentals of Accounting	100	25	75	5	4
6	CORE 2	Business organisation and Management	100	25	75	5	4
7	CORE 3	Information Technology	100	25	75	5	4
TOTAL			600	125	475	27	22

SEMESTER –II

Sl.No	Course	Name of the subject	Total Marks	Mid. Sem Marks	Sem. End Marks	Teaching Hours	credits
1	F. Language	English	100	25	75	4	3
2	S. Language	Tel/Hind / Urdu / San	100	25	75	4	3
3	LSC 2		50	--	50	2	2
4	SDC 2		50	---	50	2	2
5	SDC 3		50	---	50	2	2
6	CORE 4	Financial Accounting	100	25	75	5	4
7	CORE 5	Business Economics	100	25	75	5	4
8	CORE 6	E- Commerce and Web Designing	100	25	75	5	4
Total			650	125	525	29	24



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UGC/ APSCHE / V.S UNIVERSITY:: NELLORE

REVISED COMMON FRAMEWORK OF CBCS FOR COLLEGES IN ANDHRA PRADESH

(A.P. STATE COUNCIL OF HIGHER EDUCATION)

COURSE STRUCTURE

II BBA DIGITAL MARKETING

SEMESTER –III

Sl.No	Course	Name of the subject	Total Marks	Mid. Sem Marks	Sem. End Marks	Teaching Hours	credits
1	F. Language	English	100	25	75	4	3
2	S. Language	Tel/Hind / Urdu / San	100	25	75	4	3
3	LSC 3		50		50	2	2
4	LSC 4		50		50	2	2
5	SDC 4		50		50	2	2
6	CORE 7	Business Ethics	100	25	75	5	4
7	CORE 8	Organizational Behavior	100	25	75	5	4
8	CORE 9	SEO (Search Engine Optimization)	100	25	75	5	4
Total			650	125	525	29	24

SEMESTER –IV

Sl.No	Course	Name of the subject	Total Marks	Mid. Sem Marks	Sem. End Marks	Teaching Hours	credits
1	CORE 10	Social Media Marketing	100	25	75	5	4
2	CORE 11	Business Statistics	100	25	75	5	4
3	CORE 12	Advanced digital marketing	100	25	75	5	4
4	CORE 13	Content Marketing	100	25	75	5	4
5	CORE 14	Fundamental of Cost accounting	100	25	75	5	4
6	CORE 15	Financial Management	100	25	75	5	4
Total			600	150	450	30	24




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REVISED COMMON FRAMEWORK OF CHCS FOR COLLEGES IN ANDHRA PRADESH

(A.P. STATE COUNCIL OF HIGHER EDUCATION)

COURSE STRUCTURE

II BBA DIGITAL MARKETING

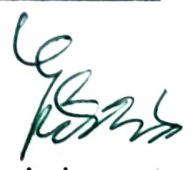
SEMESTER -III

Sl.No	Course	Name of the subject	Total Marks	Mid. Sem Marks	Sem. End Marks	Teaching Hours	credits
1	F. Language	English	100	100	30	70	3
2	S. Language	Tel/Hind / Urdu / San	100	100	30	70	3
3	LSC 3		50	50	10	40	2
4	LSC 4		50	50	10	40	2
5	SDC 4		50	50	10	40	2
6	CORE 7	Business Ethics	100	100	30	70	4
7	CORE 8	Organizational Behavior	100	100	30	70	4
8	CORE 9	SEO (Search Engine Optimization)	100	100	30	70	4
Total			650	125	525	29	24

SEMESTER -IV

Sl.No	Course	Name of the subject	Total Marks	Mid. Sem Marks	Sem. End Marks	Teaching Hours	credits
1	CORE 10	SMM(Social Media Marketing)	100	30	70	5	4
2	CORE 11	Advertising	100	30	70	5	4
3	CORE 12	Business Statistics	100	30	70	5	4
4	CORE 13	Content Marketing	100	30	70	5	4
5	CORE 14	Advanced Digital Marketing	100	30	70	5	4
6	CORE 15	Financial Management	100	30	70	5	4
Total			600	180	420	30	24




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Autonomy (CBCS) B. Sc., STATISTICS (WAI) Course structure

Semester	Paper	Subject	Hrs	Credits	Total marks
I	I	Descriptive Statistics	4	3	100
		Practical	2	2	50
II	II	Probability theory and Distributions	4	3	100
		Practical	2	2	50
III	III	Statistical Inference	4	3	100
		Practical	2	2	50
IV	IV	Sampling Techniques and Design of Experiments	4	3	100
		Practical	2	2	50
IV	V	Applied Statistics	4	3	100
		Practical	2	2	50
V	V	Sampling Techniques and Design of Experiments	4	3	100
		Practical	2	2	50
V	VI	Quality and Reliability	4	3	100
		Practical	2	2	50
		Choose anyone of the following Electives A or B			
VI	VII	VII(A): Applied Statistics	4	3	100
		VII(A): Practical	2	2	50
		OR			
		VII(B): Demography and Vital Statistics	4	3	100
		VII(B): Practical	2	2	50



Cluster A					
VI	VIII	VIII(C1): Optimization Techniques	4	3	100
		VIII(C1): Practical	2	2	50
		VIII(C2): Numerical Analysis	4	3	100
		VIII(C2): Practical	2	2	50
		VIII(C3): Project work	6	5	100




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APSCHE / V.S. UNIVERSITY:: NELLORE

Revised Common Framework of CBCS for colleges in Andhra Pradesh
(A.P. State Council of Higher Education)

Course Structure
B.A (H.P & F.P)

SEMESTER -I

Sl No	Course	Name of the subject	Total Marks	Mid Sem Marks	Sem End Marks	Teaching Hours	credits
1	I Language	English	100	25	75	4	3
2	S Language	Tel/Hind / Urdu / San	100	25	75	4	3
3	ISC 1		50	-	50	2	2
4	SDC 1		50	-	50	2	2
5	CORE 1		100	25	75	5	4
6	CORE 2	Introduction to Political Science	100	25	75	5	4
7	CORE 3		100	25	75	5	4
TOTAL			600	125	475	27	22

SEMESTER -II

Sl No	Course	Name of the subject	Total Marks	Mid Sem Marks	Sem End Marks	Teaching Hours	credits
1	I Language	English	100	25	75	4	3
2	S Language	Tel/Hind / Urdu / San	100	25	75	4	3
3	ISC 2		50	-	50	2	2
4	SDC 2		50	-	50	2	2
5	SDC 3		50	-	50	2	2
6	CORE 4		100	25	75	5	4
7	CORE 5	Basic Organs of the Government	100	25	75	5	4
8	CORE 6		100	25	75	5	4
Total			650	125	525	29	24



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D.K. GOVT. COLLEGE FOR WOMEN (A) NELLORE

Regulation for composition of framework of U.P.U.S. for colleges in Andhra Pradesh
(A.P. State Council of Higher Education)

Course Structure B.A (H.P. & E.P.)

SEMESTER -I

Sl.No	Course	Name of the subject	Total Marks	Mid Sem Marks	Sem End Marks	Teaching Hours	credits
1	F. Language	English	100	30	70	4	3
2	S. Language	Tel/Hind / Urdu / San	100	30	70	4	3
3	LSC 1		50	10	40	2	2
4	SDC 1		50	10	40	2	2
5	CORE 1		100	30	70	5	4
6	CORE 2	Introduction to Political Science	100	30	70	5	4
	CORE 3		100	30	70	5	4
	TOTAL		600	170	430	27	22

SEMESTER -II

Sl.No	Course	Name of the subject	Total Marks	Mid Sem Marks	Sem. End Marks	Teaching Hours	credits
1	F. Language	English	100	30	70	4	3
2	S. Language	Tel/Hind / Urdu / San	100	30	70	4	3
3	LSC 2		50	10	40	2	2
4	SDC 2		50	10	40	2	2
5	SDC 3		50	10	40	2	2
6	CORE 4		100	30	70	5	4
7	CORE 5	Basic Organs of the Government	100	30	70	5	4
8	CORE 6		100	30	70	5	4
	Total		650	180	470	29	24



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D.K GOVT.COLLEGE FOR WOMEN (A), NELLORE - DEPARTMENT OF MICROBIOLOGYStructure of MICROBIOLOGY Syllabus 2020-21:Semester I & II

S. No.	Semester	Title of the Course (Paper)	Hours/ week	Max. Marks (SEE)	Marks in CIA	Credits
1	Sem.-I/ Course-1	INTRODUCTION TO MICROBIOLOGY AND MICROBIAL DIVERSITY	04	70	30	03
	Course-1 Practical	INTRODUCTION TO MICROBIOLOGY AND MICROBIAL DIVERSITY	03	Max. Marks-50 Internal assessment at Semester end		02
2	Sem.-II/ Course-2	MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY	04	70	30	03
	Course-2 Practical	MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY	03	Max. Marks-50 Internal assessment at Semester end		02

Structure of MICROBIOLOGY Syllabus 2021-22 Semester III & IV

S. No.	Semester	Title of the Course (Paper)	Hours/ week	Max. Marks (SEE)	Marks in CIA	Credits
1	Sem.-III/ Course-3	IMMUNOLOGY AND MICROBIOLOGY	04	70	30	03
	Course-3 Practical	IMMUNOLOGY AND MICROBIOLOGY	02	Max. Marks-50Internal assessment at Semester end		02
2	Sem.-IV/ Course-4	INDUSTRIAL MICROBIOLOGY	04	70	30	03
	Course-4 Practical	INDUSTRIAL MICROBIOLOGY	02	Max. Marks-50Internal assessment at Semester end		02
	Sem.-IV/ Course-5	MOLECULAR BIOLOGY AND MICROBIAL GENETICS	04			
	Course-5 Practical	MOLECULAR BIOLOGY AND MICROBIAL GENETICS	02			




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**BLUE PRINT OF CBCS MODEL CURRICULUM IN
B.Sc. BIOTECHNOLOGY**

(with effect from the Academic Year 2016-17)

Semester	Paper	Title of course	Number of Credits	Number of teaching hours	Marks		
					Internal	SEI	Total
I	I	Microbiology and cell biology	3	4	30	70	100
		Microbiology and cell Biology lab	2	3	0	50	50
II	II	Macromolecules and metabolism	3	4	30	70	100
		Macromolecules and enzymology lab	2	3	0	50	50
III	III	Biophysical Techniques	3	4	30	70	100
		Biophysical Techniques lab	2	3	0	50	50
IV	IV	Immunology	3	4	30	70	100
		Immunology lab	2	3	0	50	50
V	V	Molecular Biology	4	4	40	60	100
		Molecular Biology lab	2	3	0	50	50
	VI	RDNA Technology	3	4	40	60	100
		rDNA Technology lab	2	3	0	50	50
VI	VII A	Plant and Animal Biotechnology (Elective Theory)	4	4	40	60	100



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	Plant and Animal Biotechnology Lab (Elective Theory Lab)	2	3	0	50	50
VII B	Environmental Biotechnology (Elective Theory)	4	4	40	60	100
	Environmental Biotechnology (Elective Lab)	2	3	0	50	50
VII C	Industrial Biotechnology (Elective Theory)	4	4	40	60	100
	Industrial Biotechnology (Elective Lab)	2	3	0	50	50
Cluster VIII A	Cluster elective- I	4	4	40	60	100
	1. In vitro Fertilization	4	4	40	60	100
	2. Biostatistics & Bioinformatics	4	4	40	60	100
	3. Ethical Issue & IPR	2	3	0	50	50
	Practical -1	2	3	0	50	50
	Practical -2	2	3	0	50	50
	Project Work					
Cluster VIII B	Cluster elective- II	4	4	40	60	100
	1. Nutritional Biotechnology	4	4	40	60	100
	2. Food Biotechnology	4	4	40	60	100
	3. Metabolisms	2	3	0	50	50
	Practical -1	2	3	0	50	50
	Practical -2	2	3	0	50	50
	Project Work					
Cluster VIII C	Cluster elective- III	4	4	40	60	100
	1. Tissue culture	4	4	40	60	100
	2. Industrial Bio Technology	4	4	40	60	100
	3. Environmental Biotechnology	2	3	0	50	50
	Practical -1	2	3	0	50	50
	Practical -2	2	3	0	50	50
	Project Work					



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**COURSE STRUCTURE APPROVED BY
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(A Statutory body of the Government of Andhra Pradesh)

3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road,
Atmakur(V), Mangalagiri(M), Guntur-522 503, Andhra Pradesh Web: www.apsche.org
Email: acapsche@gmail.com

Structure of Computer Science /Information Technology (IT)

Programme: B.Sc. with Computer Science as one of the Core Subjects.

Discipline: Computer Science

Year	Semester	Paper Code	Subject	Hrs. per Week	Credits	LA	ES	Total
First Year	I	C1	Problem Solving in C	4	3	25	75	100
	I	C1-P	Problem Solving in C Lab	2	2		50	50
	II	C2	Data Structures using C	4	3	25	75	100
	II	C2-P	Data Structures using C Lab	2	2		50	50
Second Year	III	C3	Database Management System	4	3	25	75	100
	III	C3-P	Database Management System Lab	2	2		50	50
	IV	C4	Object Oriented Programming using Java	4	3	25	75	100
	IV	C4-P	Object Oriented Programming using Java Lab	2	2		50	50
	IV	C5	Operating Systems	4	3	25	75	100
	IV	C5-P	Operating Systems Lab using C/Java	2	2		50	50



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D.K.Government College for Women (A), Nellore

Department of Computer Science

Revised Syllabus under CBCS w.e.f. 2020-2021

Structure of Computer Science /Information Technology (IT)

Programme: B.Sc. with Computer Science as one of the Core Subjects.

Discipline: Computer Science

Year	Semester	Paper Code	Subject	Hrs. per Week	Credits	IA	ES	Total
First Year	I	S0104	Problem Solving in C	4	3	30	70	100
	I	S0104P	Problem Solving in C Lab	2	2	0	50	50
	II	S0204	Data Structures using C	4	3	30	70	100
	II	S0204P	Data Structures using C Lab	2	2	0	50	50
Second Year	III	S0304	Database Management System	4	3	30	70	100
	III	S0304P	Database Management System Lab	2	2	0	50	50
	IV	S0404	Object Oriented Programming using Java	4	3	30	70	100
	IV	S0404P	Object Oriented Programming using Java Lab	2	2	0	50	50
	IV	C5	Operating Systems	4	3	30	70	100
	IV	C5-P	Operating Systems Lab using C/Java.	2	2	0	50	50




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APSCHE/ REVISION OF C.B.C.S - BOTANY COURSE W.E.F.2021-22

S. No.	Semester	Title of the Course (Paper)	Hours/ week	Max. Marks (SEE)	Marks in CIA	Credits
1	Sem.-I/ Course-1	Fundamentals of Microbes and Non-vascular Plants	04	75	25	03
	Course-1 Practical	Fundamentals of Microbes and Non-vascular Plants	03	Max. Marks-50 Internal assessment at Semester end		02
2	Sem.-II/ Course-2	Basics of Vascular plants and Phytogeography	04	75	25	03
	Course-2 Practical	Basics of Vascular plants and Phytogeography	03	Max. Marks-50 Internal assessment at Semester end		02
3	Sem.-III/ Course-3	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	04	75	25	03
	Course-3 Practical	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	03	Max. Marks-50 Internal assessment at Semester end		02
4	Sem.-IV Course-4	Plant Physiology and Metabolism	03	75	25	03
	Course-4 Practical	Plant Physiology and Metabolism	03	Max. Marks-50 Internal assessment at Semester end		02
5	Sem.- IV Course- 5	Cell Biology, Genetics and Plant Breeding	04	75	25	03
	Course-5 Practical	Cell Biology, Genetics and Plant Breeding	03	Max. Marks-50 Internal assessment at Semester end		02
6	Sem.- V Course : 6 & 7	Domain related Skill Enhancement Courses (02)	03	75	25	03
		Three (3) pairs of courses (each pair has 2 related courses) will be offered, student has to choose a pair of courses.	03	Max. Marks-50 Internal assessment at Semester end		02
			03	75	25	03
			03	Max. Marks-50 Internal assessment at Semester end		02




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DEPARMENT OF BOTANY
Structure of BOTANY Syllabus 2021-22
Semester I & II

S. No.	Semester	Title of the Course (Paper)	Hours/ week	Max. Marks (SEE)	Marks in CIA	Credits
1	Sem.-I/ Course-1	Fundamentals of Microbes and Non-vascular Plants	04	70	30	03
	Course-1 Practical	Fundamentals of Microbes and Non-vascular Plants	03	Max. Marks-50 Internal assessment at Semester end		02
2	Sem.-II/ Course-2	Basics of Vascular plants and Phytogeography	04	70	30	03
	Course-2 Practical	Basics of Vascular plants and Phytogeography	03	Max. Marks-50 Internal assessment at Semester end		02

Semester III & IV

3	Sem.-III/ Course-3	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	04	70	30	03
	Course-3 Practical	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	03	Max. Marks-50 Internal assessment at Semester end		02
4	Sem.-IV Course-4	Plant Physiology and Metabolism	03	70	30	03
	Course-4 Practical	Plant Physiology and Metabolism	03	Max. Marks-50 Internal assessment at Semester end		02
5	Sem.- IV Course- 5	Cell Biology, Genetics and Plant Breeding	04	70	30	03
	Course-5 Practical	Cell Biology, Genetics and Plant Breeding	03	Max. Marks-50 Internal assessment at Semester end		02




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APSHE
Structure of HISTORY syllabus 2021 – 22
Under CBCS for 3-year B.A. Programme

Sl. No	Code	Sem	Courses I, II, III, IV & V	Name of Course (Each Course consists of 5 Units with each Unit having 12 hours of class- work)	Hours/ Week	Credits	Marks	
							Mid Sem	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		II I	III	Modern Indian History & Culture (1764-1947 A. D)	5	4	25	75
4		I V	IV	History & Culture of Andhra (from 1512 to 1956 AD)	5	4	25	75
5		I V	V	History Of Modern World (From 15th Cent. AD to 1945 AD)	5	4	25	75
Total						20	125	375

D.K. GOVT. COLLEGE FOR WOMEN (A), NELLORE
Structure of HISTORY syllabus 2021 – 22
Semester I & II

Sl. No	Sem	Courses I & II	Name of Course	Hours/ Week	Credits	Marks	
						Internal	Sem End
1	I	I	Ancient Indian History & Culture (From Indus Valley Civil. to 13 Century A.D)	5	4	30	70
2	II	II	Medieval Indian History & Culture (1206 A.D To 1764 A.D)	5	4	30	70
Total					8	60	140



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D.K. GOVT. COLLEGE FOR WOMEN (A), NELLORE
STRUCTURE OF HISTORY SYLLABUS 2021 - 22
SEMESTER V & VI

Sl. No.	Sem	Courses/ Paper-V	Name of Course	Hours/ Week	Credits	Marks	
						Intern I	Sem End
1	V	V	<u>AGE OF RATIONALISM AND HUMANISM</u> <u>THE WORLD BETWEEN 15th & 18th CENTURIES</u> (History of Modern World (1453 - 1821 A.D))	05	04	30	70
		VI	<u>HISTORY & CULTURE OF ANDHRA DESA (from 12th to 19th Century A.D.)</u>	05	04	30	70
			Total	10	8	60	140

D.K. GOVT. COLLEGE FOR WOMEN (A), NELLORE
STRUCTURE OF HISTORY SYLLABUS 2021 - 22
CLUSTER ELECTIVE
SEMESTER - VI- (VII-A, VIII- A-1, VIII-A-2 & VIII-A-3)

Sl. No	Sem VI	Courses/ Paper- VI	Name of Course	Hours/ Week	Credits	Marks	
						Internal	Sem End
1	VI	VII (A)	History of Modern Europe (from 19 th Century to 1945 A.D.)	05	04	30	70
2.		VIII (A1)	Cultural Tourism in Andhra Pradesh	05	04	30	70
3.		VIII (A2)	Popular Movements in Andhra Desa (1848 to 1956 A.D.)	05	04	30	70
4.		VIII (A3)	Contemporary History of Andhra Pradesh (1956-2014)	05	04	30	70
			Total	20	16	120	280



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	devices					
	Practical-VIII C-3	2Hrs.	2		50	50

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DEPARTMENT OF PHYSICS
Structure of PHYSICS Syllabus 2021-22
Semester I & II

S. No.	Semester	Title of the Course (Paper)	Hours/ week	Max. Marks (SEE)	Marks in CIA	Credits
1	Sem.-I/ Course-1	MECHANICS, WAVES AND OSCILLATIONS	04	70	30	03
	Course-1 Practical	MECHANICS, WAVES AND OSCILLATIONS	03	Max. Marks-50 Internal assessment at Semester end		02
2	Sem.-II/ Course-2	WAVE OPTICS	04	70	30	03
	Course-2 Practical	WAVE OPTICS	03	Max. Marks-50 External assessment at Semester end		02
3	Sem.-III/ Course-3	Heat and Thermodynamics	04	70	30	03
	Course-3 Practical	Heat and Thermodynamics	03	Max. Marks-50 Internal assessment at Semester end		02
4	Sem.-IV/ Course-4	Electricity, Magnetism and Electronics	04	70	30	03
	Course-4 Practical	Electricity, Magnetism and Electronics	03	Max. Marks-50 External assessment at Semester end		02
	Sem.-IV/ Course-5	Modern Physics	04	70	30	03
	Course-5 Practical	Modern Physics	03	Max. Marks-50 External assessment at Semester end		02




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**Andhra Pradesh State Council of Higher Education
B Sc Chemistry Syllabus under CBCS**

W e f 2020-21 (revised in April 2020)

Structure of Chemistry Syllabus under CBCS

YEAR	SEMESTER	PAPER	TITLE	MARKS	CREDITS
I	I	I	Inorganic and Organic Chemistry	100	03
			Practical – I	50	02
	II	II	Physical and General Chemistry	100	03
			Practical – II	50	02
II	III	III	Inorganic and organic Chemistry	100	03
			Practical – III	50	02
	IV	IV	Spectroscopy and Physical Chemistry Paper-IV)	100	03
			Practical – IV	50	02
			Inorganic and Physical Chemistry Paper-V	100	03
			Practical-V	50	02
III	V	V	Inorganic ,Organic and Physical Chemistry	100	03
			Practical – V	50	02
		VI	Inorganic ,Organic and Physical Chemistry	100	03
			Practical – VI	50	02



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
	** Any one cluster from VIII, A, B and C	VII (C)*	Elective	100	03
			Practical - VII C	50	02
		VIII (A)**	Cluster Electives - I:	100	03
			VIII-A-1	100	03
			VIII-A-2	100	03
			VIII-A-3	50	02
				50	03
		VIII (B)**	Cluster Electives - II::	100	03
			VIII-B-1	100	03
			VIII-B-2	100	03
			VIII-B-3	50	02
		VIII (C)**	Cluster Electives - III::	100	03
			VIII-C-1	100	03
			VIII-C-2	100	03
			VIII-C-3	50	02
			Practicals-2	50+50	04
			Project	50	02



APSCHE

Structure of ZOOLOGY Syllabus

(Under CBCS for 3-year B.Sc. Programme) with effect from 2020-21

(With domain subject covered during the first 4 Semesters with 5 Courses)

YEAR	SEMESTER	PAPER	TITLE	MARKS(100)		Hours Allotted	CREDITS
				Internal	External		
I	I	I	Animal Diversity- I Biology of Non chordates	30	70	60	4
			Practical I		50	24	1
	II	II	Animal Diversity- II Biology of Chordates	30	70	60	4
			Practical II		50	24	1
II	III	III	Cell Biology, Genetics, Molecular Biology and Evolution	30	70	60	4
			Practical III		50	24	1
	IV	IV	Physiology, cellular metabolism and Embryology	30	70	60	4
			Practical IV		50	24	1
		V	Immunology and Animal Biotechnology	30	70	60	4
			Practical V		50	24	1



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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	Hours Allotted	CREDITS
I	I	I	Biology of Non-chordates	100	60	03
			Practical - I	50	24	02
	II	II	Biology of Chordates	100	60	03
			Practical - II	50	24	02
II	III	III	Cell biology, Genetics and Evolution	100	60	03
			Practical - III	50	24	02
	IV	IV	Embryology, Physiology and Ecology	100	60	03
			Practical - IV	50	24	02
III	V	V	Animal Biotechnology	100	60	03
			Practical - V	50	24	02
		VI	Animal Husbandry	100	60	03
			Practical - VI	50	24	02
	Any one	VII (A)	Immunology	100	60	03
	Paper from A, B and C		Practical - VII (A)	50	24	02
		VII (B)*	Cellular Metabolism and	100	60	03
			Molecular Biology			
	** Any one		Practical - VII (B)	50	24	02
		VII (C)*	Bioinformatics	100	60	03
	cluster		Practical - VII (C)	50	24	02
			Cluster Electives -VIII-A :			
	from I, II and III	Cluster	Medical Diagnostics			
		VIII-A**	1. Clinical Biochemistry	100	60	03
			2. Haematology	100	60	03
			3. Clinical Microbiology	100	60	03
			Practical - VIII: 1	50	24	02
			Practical - VIII: 2	50	24	02
	VI		Project Work	50	24	02
	Cluster		Cluster Electives -VIII-B :			
			Aquaculture			



VIII-B**	1 Principles of Aquaculture	100	60	03
	2 Aquaculture Management	100	60	03
	3. Postharvest Technology	100	60	03
	Practical - VIII 1	50	24	02
	Practical - VIII 2	50	24	02
	Project Work	50	24	02
	Cluster Electives - VIII-C			
Cluster VIII-C**	Sericulture			
	1. Gen. Sericulture, Mulberry cultivation and Management	100	60	03
	2. Biology of Mulberry Silkworm and Silkworm rearing Technology	100	60	03
	3. Silk Technology, Silk Marketing and Extension			
	Practical - VIII: 1	50	24	02
	Practical - VIII: 2	50	24	02
	Project Work	50		02




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