

	<p align="center"><b>ST.ANN'S COLLEGE FOR WOMEN</b>  <b>(Affiliated to Acharya Nagarjuna University,</b>  <b>Recognised under 2(f) UGC Act 1956, New Delhi)</b>  <b>GORANTLA, GUNTUR – 522034, A. P</b>  Email: <a href="mailto:st_anns_coll@yahoo.co.in">st_anns_coll@yahoo.co.in</a>    Website: <a href="http://www.stannscollegeforwomen.org">www.stannscollegeforwomen.org</a> </p>	Criterion: I
		Metric: 1.3.1

### 1.3 Curriculum Enrichment

#### 1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the curriculum.

**2023-24**

S. No	File Description
1	<b>List of Courses with Professional Ethics, Gender, Human Values, Environment and Sustainability</b>
2	<b>Guidelines – APSCHE</b>



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Criteria: I

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**1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the curriculum.**

### LIST OF COURSES RELAVANT TO PROFESSIONAL ETHICS, GENDER, HUMAN VALUES, ENVIRONMENT AND SUSTAINABILITY

S.NO	Programme	Course Code	Course	Nature of the Course
<b>Professional Ethics</b>				
1.	UG	HVPE	Human Values & Professional Ethics	Compulsory Foundation Course
2.	UG	FC	Business Leadership	Compulsory Foundation Course
3.	UG	Second Language	Telugu	Compulsory Second Language
4.	UG	Second Language	Hindi	Compulsory Second Language
5.	UG	Second Language	Sanskrit	Compulsory Second Language
6.	UG	Core	Business Organization	Core Course
7.	UG	Core	Banking Theory & Practice	Core Course
8.	UG	Core	Accounting for Service Organizations	Core Course
9.	UG	Core	Business Laws	Core Course
10.	UG	Core	Income Tax	Core Course
11.	UG	Core	Tally ERP	Core Course
12.	UG	Core	Auditing	Core Course
13.	UG	Core	E-Commerce	Core Course

14.	UG	Core	Marketing	Core Course
15.	UG	Core	Business Environment	Core Course
16	PG	Core	Business Ethics & Corporate Governance	Core Course
<b>Gender</b>				
17.	UG	FC	Communication & Soft Skills	Compulsory Foundation Course
18.	UG	Second Language	Telugu	Compulsory Second Language
19.	UG	Second Language	Hindi	Compulsory Second Language
20	UG	Second Language	Sanskrit	Compulsory Second Language
<b>Human Values</b>				
21.	UG	FC	Leadership Education	Compulsory Foundation Course
22	UG	FC	Human Values & Professional Ethics	Compulsory Foundation Course
23	UG	Second Language	Telugu	Compulsory Second Language
24.	UG	Second Language	Hindi	Compulsory Second Language
25.	UG	Second Language	Sanskrit	Compulsory Second Language
<b>Environment Sustainability</b>				
26.	UG	FC	Environmental Studies	Compulsory Foundation Course
27.	UG	Core	Microbial Diversity, Algae & Fungi	Core Course in Botany
28.	UG	Core	Microbiology & Cell Biology	Core Course in Biotechnology
29.	UG	Core	Diversity of Archegoniate & Plant Anatomy	Core Course in Botany
30.	UG	Core	Biomolecules, Enzymology & Bioenergetics	Core Course in Biotechnology
31.	UG	Core	Plant Taxonomy & Embryology	Core Course in Botany
32	UG	Core	Plant Physiology	Core Course in Botany
33.	UG	Core	Cell Biology, Genetics & Plant Breeding	Core Course in Botany



34.	UG	Core	Plant Ecology & Phytogeography	Core Course in Botany
35.	UG	Core	RDNA Technology	Core Course in Botany
36.	UG	Core	Green Chemistry	Core Course in Chemistry
37.	UG	Core	Pharmaceutical & Medicinal Chemistry	Core Course in Chemistry
38.	UG	Core	Plant Tissue Culture and its Biotechnological Applications	Core Course in Botany
39.	UG	Core	Plant Diversity & Human Welfare	Core Course in Botany
40.	UG	SDC	Plant Nursery	Skill Development Course
41.	UG	SDC	Fruits & Vegetables Preservation	Skill Development Course
42.	UG	SDC	Food Adulteration	Skill Development Course
43.	UG	SDC	Solar Energy	Skill Development Course



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# **A.P.STATECOUNCILOFHIGHEREDUCATION**

## **GUIDELINES FOR THE REVISED CHOICE BASED CREDIT SYSTEM CBCS(W.E.F2020-21)**

### **I. Preamble:**

ChoiceBasedCreditSystem(CBCS)wasintroduced,undertheaegisofAndhraPradeshState CouncilofHigherEducation(APSCH),attheinsistenceoftheUniversity Grants Commission, for the general undergraduate programmes, i.e., BA,BCom,BSc,BCA,BBA,UGHonoursetc.,bytheaffiliatinguniversitiesinallgovernment, aided and private degree colleges in the state of Andhra Pradesh in 2015 -2016.

The system of CBCS has been in vogue for the undergraduate programmes in all the advanced countries for several decades and proved to be advantageous to the studentsof higher education because of its features like courses in place of papers, availability ofdiverse courses, scope for choice, weightages with credits, space for multiple kinds ofteaching, learning and assessing methods which can effectively cater to the diverseneedsof students.

As the existing CBCS would be completing five years by 2019-20, the APSCH decidedto reviseandstrengthenthescheme whileaddressingthefollowingissues.

- a. Overcomingtheshortagesintheexistingsystem.
- b. Consolidatingthesysteminitstruespiritbyprovidingmultiplechoicesindomainas wellas general courses.
- c. Revisingthe curricularframeworkwhereverneeded.
- d. Orientingsyllabustotheoutcomeoutcomesas advised byUGC
- e. Updatingofsyllabustomatchtothepresentneeds
- f. Replacingpaperswithcourses
- g. Introducingbetterskill-orientedcoursestoalignwiththeemergingandemploymentareas.

For carrying out the above task, the APSCH constituted a Committee forrecommendingrevisedcurricularframeworkandupdatesyllabusofUGProgramme s,

i.e., B.A., B.Com., B.Sc., BCA, BBA, UG Honours etc., under CBCS pattern from the year 2020-21.

Based on the recommendations of the Committee, the following Guidelines are formulated. These Guidelines of Curricular Framework with revised Choice Based Credit System come into effect from the academic year 2020 – 2021, to be strictly adhered for all Undergraduate Programmes offered in Affiliated Colleges and Autonomous Colleges.

1. The Curricular Framework for UG – Arts; UG – Science and UG – Commerce are appended as Annexures – I, II & III respectively.
2. **Life Skill Courses:** There will be 4 Life Skill Courses in place of earlier 10 foundation courses with the same hours, credits and maximum marks. The objective is to inculcate the required simple life-long skills. While the course in 'Environmental Education' continued to be mandatory, in case of others, students can opt one out of three courses, unlike in the existing system, where no choice is being given to students.
3. **Skill Development Courses:** A new set of 4 Skill Development Courses will be offered with 2 hours of teaching per week, two credits, 50 maximum marks and only external assessment. These courses are intended to train students in broad-based multiple career oriented general skills, in Arts, Commerce and Science streams but open to all students. A wider choice is given to students as they can choose one course from a total of six courses (two from each stream).
4. The preferred departments for teaching LSCs and SDCs are appended.
5. To ensure accountability among the teachers teaching LSCs and SDCs courses, the workload of these is to be reckoned for the calculation of workload of teachers.
6. **Core Courses:** Three core courses of Domain subjects will be in the first three semesters, and the fourth and fifth courses will be in the fourth semester. Two domain SECs will be in the fifth semester. There will be uniformly five Core Courses in each Domain Subject in BA and BSc, and 15 in BCom.

7. **Skill Enhancement Courses:** Two Skill Enhancement Courses will be offered for each domain subject, in Semester V. The two Skill Enhancement Courses of each domain subject will be linked for a wider basic and practical experience to students.
8. Programmes like BCA, BBA, UG Honours etc. will broadly have a similar frame work as prescribed for B.Com considering the mass single major subject programme.
9. Table-1: Main Features of the Courses in the Revised Curricular Framework.

Subject/Course	Hours / Week Theory	Hours / Week Practicals	Total Hours	Credits	Max Marks Internal Assessment	Max Marks University Exam	Total
Life Skills Course	02	-	02	02	-0-	50	50
Skill Development Course	02	-	02	02	-0-	50	50
Language Subject	04	-	04	03	25	75	100
Domain Arts/Commerce Subject	05	-	05	04	25	75	100
Domain Science Subject	04	02	05	05 (4+1)	25	75	100
Mathematics	06	-	06	05	25	75	100

10. The four courses of LSCs, SDCs and three courses of Languages (as they exist now) will be offered in the first three semesters as shown in the table below.

The detailed structure is shown in Table-2 below.

<b>Courses of</b>	<b>Sem-I</b>	<b>Sem-II</b>	<b>Sem-III</b>	<b>Sem-IV</b>	<b>Sem-V</b>
Life Skills	1(02)	1(02)	2(04)		
Skill Development	1(02)	2(04)	1(02)		
Language- 1	C-1(04)	C-2(04)	C-3(04)		
Language- 2	C-1(04)	C-2(04)	C-3(04)		
Domain Sub-1	C-1(06)	C-2(06)	C-3(06)	C-4(06)	SEC-1(06)

				C-5(06)	SEC-2(06)
DomainSub -2	C-1(06)	C-2(06)	C-3(06)	C-4(06) C-5(06)	SEC-1(06) SEC-2(06)
DomainSub-3	C-1(06)	C-2(06)	C-3(06)	C-4(06) C-5(06)	SEC-1(06) SEC-2(06)
TotalHours/Week	30	32	32	36	36

\*Figuresinparenthesisarehoursperweekof CoreCoursesofScience.InrespectofArtsand CommerceCourses, thehours perweek forCoreCourseswill be5.

\*\*SEC1andSEC-2inSem-VareC-6andC-7respectively.

11. TeachingoftwoappropriateLSCs/SDCsaretobeassignedtothelanguagedepartments to mitigate the workload shortage for the language subjects, as beingdone in respect of Foundation Courses in the previous system. The workload forteaching LSCs and SDCs by the respective language department shall be reckonedwhilecalculatingtheirworkload.
12. The syllabus was revised and updated keeping the Learning Outcomes in view forensuring higher order learning and skills, a requirement in higher education. TheUniversities and colleges shall make certain that teaching, learning and assessmentareoutcomeoriented.
13. In the affiliation system which imposes limitations in assessing students, the internalassessment is crucial in ensuring the right learning. Universities and colleges maystrengthenthe internalassessmentwithout disturbingitsflexibility.
14. Co-curricular activities play an important role in promoting experiential self-learningand field-based learning in students, especially in learning higher order skills. Themeasurablepedagogicalactivitiescanbe asmallpartofinternal assessment.
15. The respective Boards of Studies of the affiliating universities/autonomous collegesmay modify the syllabus prepared by the subject committees as mentioned above toalimitedextent,without disturbingtheFramework recommendedabove.
16. In view of the advantages of using ICT in teaching and learning, the universities andcollegesmayoffer‘onlinecourses’onextracredits. Theymaytakeintoconsideration the standardized online courses offered by various government/publicagenciesandalsomaydesigntheirownnewonlinecoursesfollowingdu eprocedures.



17. Similarly, online programmes such as Webinars, with greater participation of students, may be encouraged in colleges.
18. The system of credit transfer facilitates students getting better training at appropriate places. The universities may discuss and develop a uniform system and guidelines in this regard across the state. The number of credits earned under credit transfers shall, however, be limited to a small number. APSCHE will issue separate guidelines .
19. To ensure inculcating social responsibility and compassionate commitment among the students, the summer vacation in the intervening 1<sup>st</sup> and 2<sup>nd</sup> years of study shall be for Community Service. Detailed guidelines on the Community Service will be circulated shortly.
20. To make the student employable, an Apprenticeship/Internship/On the job training shall be undertaken by the students in the intervening summer vacation between the 2<sup>nd</sup> and 3<sup>rd</sup> years.
21. During the entire 6<sup>th</sup> Semester, the students shall undergo Apprenticeship/Internship /On the Job Training. This is to ensure that the students develop hands-on technical skills which will be of great help in facing the world of work.
22. APSCHE shall issue guidelines for the implementation and assessment of the Apprenticeship/ Internship /On the job Training.

## LIST OF LIFE SKILL COURSES

Semester	No. of Courses	Choices	Preferred Teaching Dept.
I	01	Computer Applications	Computers
		Human Values and Professional Ethics	English/Telugu/Any Dept
		Entrepreneurship	Commerce
II	01	Information and Communication Technology	Computers
		Indian Culture and Science	History/Telugu
		Elementary Statistics	Statistics/Maths/Economics /Commerce
III	02	Health and Hygiene	Zoology/Botany
		Personality Development and Leadership	English/Any Dept
		Analytical Skills	Maths/Statistics
		Environmental Education	Botany/Zoology/Environmental Sciences/Any Dept.

**List of Skill Development Courses along with their Semester-wise allotment with choices. Preferred Teaching Departments are given in the parenthesis.**

Sem	No. of Courses	Stream–A(Arts)	Stream–B(Commerce)	Stream–C (Science)
<b>I</b>	<b>01</b>	Tourism Guidance(History)  Public Relations(PolSci/English)	Secretaryship  Insurance Promotion	Electrical Appliances(Physics)  Plant Nursery(Botany)
<b>II</b>	<b>02</b>	Journalistic Reporting (English)  Survey & Reporting(Economics/History)  Social Work Methods(PolSci)  Performing Arts(Telugu)	Agricultural Marketing  Business Communication(English)  Advertising  Logistics & Supply Chain	Solar Energy(Physics)  Fruit & Vegetable Preservation(Botany)  Dairy Techniques(Zoology)  Food Adulteration(Chemistry)
<b>III</b>	<b>01</b>	Financial Markets(Economics)  Disaster Management(English/Telugu)	Online Business  Retailing	Environment Audit(Chemistry)  Poultry Farming(Zoology)

**ANNEXURE-ICBCSCURRICULARFRAMEWORK(2020-21ONWARDS)-BACHELOROFArts**

Subjects		SEMI		SEMI		SEMI		SEMI		SEMI		SEMI			
		Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits		
Languages															
English		4	3	4	3	4	3								
Language(H/T/S)		4	3	4	3	4	3								
LifeSkillCourses		2	2	2	2	2+2	2+2								
SkillDevelopmentCourses		2	2	2+2	2+2	2	2								
CorePapers															
Major 1	Core1,2,3,&4	5	4	5	4	5	4	5	4			THIRDPHASEofA PPRENTICESHIP Entire 5th / 6thSemester	FIRSTandSECOND PHASES (2 spells) ofAPPRENTICESHIP between1stand2ndye ar and between 2ndand3rdyear(twos ummervacations).		
Major 2	Core1,2,3,&4	5	4	5	4	5	4	5	4						
Major 3	Core1,2,3,&4	5	4	5	4	5	4	5	4						
Major 1	Core-5							5	4						
Major 2	Core-5							5	4						
Major 1	SkillEnhancement CoreCourses6&7									5	4				
										5	4				
Major 2	Skill EnhancementCore Courses6&7									5	4				
										5	4				
Major 2	Skill EnhancementCore Courses6&7									5	4				
										5	4				
Hrs/W (AcademicCredits)		27	22	29	24	29	24	30	24	30	24	0	12	4	4
ProjectWork															
ExtensionActivities(NonAcademicCredits)															
NCC/NSS/Sports/Extra Curricular									2						
Yoga							1		1						
Extra Credits															
Hrs/W (TotalCredits)		27	22	29	24	29	25	30	27	30	24	0	12	4	4

**ANNEXURE-II CBSC CURRICULAR FRAMEWORK (2020-21 ONWARDS) - BACHELOR OF SCIENCES**

Subjects		SEMI		SEMII		SEMIII		SEMIV		SEM V		SEMVI			
		Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits		
<b>Languages</b>															
English		4	3	4	3	4	3								
Language(H/T/S)		4	3	4	3	4	3								
Life Skill Courses		2	2	2	2	2+2	2+2								
Skill Development Courses		2	2	2+2	2+2	2	2								
Major 1	Core 1,2,3,&4	4+2	4+1	4+2	4+1	4+2	4+1	4+2	4+1			THIRD PHASE of APPRENTICESHIP Entire 5th / 6th Semester		FIRST and SECOND PHASES (2 spells) of APPRENTICESHIP between 1st and 2nd year and between 2nd and 3rd year (two summer vacations).	
Major 2	Core 1,2,3,&4	4+2	4+1	4+2	4+1	4+2	4+1	4+2	4+1						
Major 3	Core 1,2,3,&4	4+2	4+1	4+2	4+1	4+2	4+1	4+2	4+1						
Major 1	Core-5							4+2	4+1						
Major 2	Core-5							4+2	4+1						
Major 3	Core-5							4+2	4+1						
Major 1	Skill Enhancement Courses(6&7)									4+2	4+1				
Major 2	Skill Enhancement Courses(6&7)									4+2	4+1				
Major 3	Skill Enhancement Courses(6&7)									4+2	4+1				
Major 3	Skill Enhancement Courses(6&7)									4+2	4+1				
<b>Hrs/W (Academic Credits)</b>		30	25	32	27	32	27	36	30	36	30		12	4	4
Project Work															
Extension Activities (Non															
NCC/NSS/Sports/Extra Curricular									2						
Yoga							1		1						
Extra Credits															
<b>Hrs/W (Total Credits)</b>		30	25	32	27	32	28	36	33	36	30		12	4	4



**ANNEXURE-III CBCS CURRICULAR FRAMEWORK (2020-21 ONWARDS) - B.Com., BBA, BCA etc.**

Subjects		SEMI		SEMII		SEMIII		SEMIV		SEMV		SEMVI			
		Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits	Hrs/W	Credits		
<b>Languages</b>															
English		4	3	4	3	4	3								
Language(H/T/S)		4	3	4	3	4	3								
Life Skill Courses		2	2	2	2	2+2	2+2								
Skill Development Courses		2	2	2+2	2+2	2	2								
<b>Core Courses***</b>															
Core		5	4	5	4	5	4	5	4			THIRD PHASE of APPRENTICESHIP Entire 5th / 6th Semester		FIRST and SECOND PHASES (2 spells) of APPRENTICESHIP between 1st and 2nd year and between 2nd and 3rd year (two summer vacations).	
Core		5	4	5	4	5	4	5	4						
Core		5	4	5	4	5	4	5	4						
Core								5	4						
Core								5	4						
Core								5	4						
Core								5	4						
(Domain Related) Skill Enhancement Courses**** (SECs)										5	4				
										5	4				
										5	4				
										5	4				
										5	4				
<b>Hrs/W (Academic Credits)</b>		27	22	29	24	29	24	30	24	30	24	0	12	4	4
Project Work															
<b>Extension Activities</b>															
NCC/NSS/Sports/Extra Curricular									2						
Yoga							1		1						
Extra Credits															
<b>Hrs/W (Total Credits)</b>		27	22	29	24	29	25	30	27	30	24	0	12	4	4