

DEPARTMENT OF COMMERCE, P.U.
Structure of B.Com (General) (CBCS) for Palamuru University, Mahabubnagar
(w.e.f. Academic Year 2016-17)

B.COM (General) PROGRAMME

**FIRST YEAR:
SEMESTER-I:**

Sl.No.	Code	Course Title	Course Type	HPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)
1.	BC101	A/B/C/D	AECC-1	2	2
2.	BC102	English	CC-1A	5	5
3.	BC103	Second Language	CC-2A	5	5
4.	BC104	Financial Accounting - I	DSC-1A	5	5
5.	BC105	Business Economics	DSC-2A	5	5
6.	BC106	Business Organization	DSC-3A	4	4
7.	BC107	Information Technology	DSC-4A	3T+2P	4
		Total		31	30

SEMESTER-II:

8.	BC201	A/B/C/D	AECC-2	2	2
9.	BC202	English	CC-1B	5	5
10.	BC203	Second Language	CC-2B	5	5
11.	BC204	Financial Accounting - II	DSC-1B	5	5
12.	BC205	Managerial Economics	DSC-2B	5	5
13.	BC206	Principles of Management	DSC-3B	4	4
14.	BC207	Foreign Trade	DSC-4B	4	4
		Total		30	30

**SECOND YEAR:
SEMESTER-III:**

15.	BC301	Principles of Insurance	SEC-1	2	2
16.	BC302	English	CC-1C	5	5
17.	BC303	Second Language	CC-2C	5	5
18.	BC304	Advanced Accounting	DSC-1C	5	5
19.	BC305	Income Tax-I	DSC-2C	5	5
20.	BC306	Business Statistics-I	DSC-3C	4	4
21.	BC307	Entrepreneurial Development & Business Ethics	DSC-4C	4	4
		Total		30	30

SEMESTER-IV:

22.	BC401	Practice of Life Insurance	SEC-2	2	2
23.	BC402	English	CC-1D	5	5
24.	BC403	Second Language	CC-2D	5	5
25.	BC404	Corporate Accounting	DSC-1D	5	5
26.	BC405	Income Tax-II	DSC-2D	5	5
27.	BC406	Business Statistics-II	DSC-3D	4	4
28.	BC407	Financial Statement Analysis	DSC-4D	4	4
		Total		30	30

THIRD YEAR:					
SEMESTER-V					
29.	BC501	Practice of General Insurance	SEC-3	2	2
30.	BC502		GE-1	2	2
31.	BC503	Cost Accounting	DSC-1E	4	4
32.	BC504	Business Law	DSC-2E	4	4
33.	BC505	Banking Theory & Practice	DSC-3E	4	4
34.	BC506	Auditing	DSC-4E	4	4
35.	BC507	Computerised Accounting	DSE-1A	4T+2P	5
36.	BC508	Accounting Standards	DSE-2A	5	5
		Total		31	30
SEMESTER-VI					
37.	BC601	Regulation of Insurance Business	SEC-4	2	2
38.	BC602		GE-2	2	2
39.	BC603	Managerial Accounting	DSC-1F	4	4
40.	BC604	Company Law	DSC-2F	4	4
41.	BC605	Financial Institutions & Markets	DSC-3F	4	4
42.	BC606	Commerce Lab	DSC-4F	2T+4P	4
43.	BC607	Advanced Managerial Accounting	DSE-1B	5	5
44.	BC608	Advanced Corporate Accounting	DSE-2B	5	5
		Total		32	30
		GRAND TOTAL		184	180

AECC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T=Theory; P=Practicals;

SUMMARY OF CREDITS

Sl No.	Course Category	No. of Courses	Credits Per Course	Credits
1	AECC	2	2	4
2	SEC	4	2	8
3	CC Language	8	5	40
		8	5	40
		16	4	64
4	DSE	4	5	20
5	GE	2	2	4
	TOTAL	44		180
	Commerce Total	28		124

**B.COM (Computer Applications)
CBCS COURSE STRUCTURE
w.e.f. 2018-'19**

Sl.No. (1)	Code (2)	Course Title (3)	HPW (5)	Credits (6)	Exam Hrs (7)	Marks (8)
SEMESTER - I						
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a) Environmental Science/ b) Basic Computer Skills	2	2	1 ½ hrs	40U+10I
4.	DSC101	Financial Accounting-I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Fundamentals of Information Technology	3T+4P	5	1 ½ hrs	50T+35P + 15I
		Total	27	25		
SEMESTER - II						
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AECC2	a) Basic Computer Skills/ b) Environmental Science	2	2	1 ½ hrs	40U+10I
10.	DSC201	Financial Accounting-II	5	5	3 hrs	80U+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
12.	DSC203	Programming with C & C++	3T+4P	5	1 ½ hrs	50T+35P + 15I
		Total	27	25		
SEMESTER - III						
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1	a) Principles of Insurance/ b) Foundation of Digital Marketing/ c) Fundamentals of Business Analytics	2	2	1 ½ hrs	40U+10I
16.	SEC2	a) Practice of Life Insurance/ b) Web Design & Analytics/ c) Application of Business Analytics	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+20I
19.	DSC303	Relational Database Management System	3T+4P	5	1 ½ hrs	50T+35P + 15I
		Total	27	25		
SEMESTER - IV						
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3	a) Practice of General Insurance/ b) Social Media Marketing c) Business Intelligence	2	2	1 ½ hrs	40U+10I
23.	SEC4	a) Regulation of Insurance Business/ b) Search Engine Optimization & Online Advertising c) Data Visualisation & Story telling	2	2	1 ½ hrs	40U+10I

Faculty of Commerce

24.	DSC401	Income Tax/Excel Foundation	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Web Technologies	3T+4P	5	1 ½ hrs	50T+35P+15I
		Total	27	25		
SEMESTER - V						
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics / b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/ 5	5	3 hrs	50T+35P+15I/ 80U+20I
32.	DSE503	a) Management Information Systems/ b) Ecommerce/c) Mobile Applications	3T+4P	5	1 ½ hrs	50T+35P+15I
		Total	29/27	25		
SEMESTER - VI						
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/ 5	5	3 hrs	50T+35P+15I/ 80U+20I
38.	DSE603	a) Multimedia Systems/ b) Cyber Security/c) Data Analytics	3T+4P	5	1 ½ hrs	50T+35P+15I
		Total	31/29	25		
		GRAND TOTAL	168/164	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam; U: University Exam; PR: Project Report; VV: Viva-Voce Examination.

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AICC	2	2	4
4	SEC	4	2	8
5	GE	4	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	40		150
	Commerce	24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	

B.COM.
CBCS COURSE STRUCTURE
w.e.f. 2019-'20

Sl.No. (1)	Code (2)	Course Title (3)	HPW (5)	Credits (6)	Exam Hrs (7)	Marks (8)
SEMESTER - I						
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a) Environmental Science/ b) Basic Computer Skills	2	2		
4.	DSC101	Financial Accounting-I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Foreign Trade	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER - II						
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AECC2	a) Basic Computer Skills/ b) Environmental Science	2	2		
10.	DSC201	Financial Accounting-II	5	5	3 hrs	80U+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
12.	DSC203	Banking and Financial Services	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER - III						
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1	a) Principles of Insurance/ b) Foundation of Digital Marketing/ c) Fundamentals of Business Analytics	2	2	1 ½ hrs	40U+10I
16.	SEC2	a) Practice of Life Insurance/ b) Web Design & Analytics/ c) Application of Business Analytics	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+20I
19.	DSC303	Financial Institutions and Markets	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER - IV						
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3	a) Practice of General Insurance/ b) Social Media Marketing c) Business Intelligence	2	2	1 ½ hrs	40U+10I
23.	SEC4	a) Regulation of Insurance Business/ b) Search Engine Optimization & Online Advertising c) Data Visualization & Story telling	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax/Excel Foundation	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Corporate Accounting	5	5	3 hrs	80U+20I
		Total	25	25		

SEMESTER – V						
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics/ b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
32.	DSE503	a) Auditing/ b) Advanced Corporate Accounting/ c) Financial Management	5	5	3 hrs	80U+20I
Total			27/25	25		
SEMESTER – VI						
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15V V
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
38.	DSE603	a) Accounting Standards/ b) Corporate Governance/ c) Investment Management	5	5	3 hrs	80U+20I
Total			29/27	25		
GRAND TOTAL			156/152	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam. PR: Project Report; VV: Viva-Voce Examination.

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS


Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AEC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce	24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	

NEW - 2019-2020

Year	Semester	DSC/GE/ DSE/SEC	Paper	Title of the Paper	Credits	Hours PW
I	I	DSC*101	Paper - I	Micro Economics	5	5
		AEC	AEC	Environmental Science/ Basic Computer skills	2	2
	II	DSC*201	Paper - II	Macro Economics	5	5
II	III	AEC	AECC	Environmental Science/ Basic Computer skills	2	2
		DSE-301	Paper - III	Statistics for Economics	5	5
	SEC-1	SEC-I	Computer Applications	2	2	
	SEC-2	SEC-II	Rural Development	2	2	
	IV	DSC*401	Paper - IV	Indian Economy	5	5
		SEC-3	SEC-III	Data Analysis	2	2
		SEC-4	SEC-IV	Entrepreneurship and Development	2	2
III	V	GE**	Paper - I	Telangana Economy	4	4
		DSE*501	Elective- A	Agricultural Economics	5	5
		DSE*501	Elective - B	Public Economics	5	5
		DSE*501	Elective - C	Economics of Environment	5	5
	VI	DSE*601	Paper - A	International Economics	5	5
		DSE*601	Paper B	Development Economics	5	5
		DSE*601	Paper - C	Industrial Economics	5	5
		Project/Op tional	Project/ Optional	Financial Economics	4	4

* DSC (Discipline Specific Course), SEC (Skill Enhancement Course) & DSE (Discipline Specific Elective) for Students of Economics.(PW) Per week.** GE (Generic Elective) or Inter-Disciplinary Course for Students of Social Sciences other than Economics.

(Prof.B.Sudhakar Reddy)
Chairman Board of Studies


PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

Department of political science

Annexure - I (Credits)
Proposed CBCS Structure from 2019-20 for Under Graduate Courses

Courses	Papers	Total Credits	Credits for each paper / Semester						Credits for each paper / Semester					Credits for each paper / Semester						
			BA						B.Com.					B.Sc.						
			I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI
Core Courses DSC	Optional-1	4	5	5	5	5	-	-	5	5	5	5	-	-	5	5	5	5	-	-
	Optional-2	4	5	5	5	5	-	-	5	5	5	5	-	-	5	5	5	5	-	-
	Optional-3	4	5	5	5	5	-	-	5	5	5	5	-	-	5	5	5	5	-	-
Elective Courses DSE	Optional-1	2	-	-	-	-	5	5	-	-	-	-	5	5	-	-	-	-	5	5
	Optional-2	2	-	-	-	-	5	5	-	-	-	-	5	5	-	-	-	-	5	5
	Optional-3	2	-	-	-	-	5	5	-	-	-	-	5	5	-	-	-	-	5	5
Language	English(First Language)	5	4	4	3	3	3	3	4	4	3	3	3	3	4	4	3	3	3	3
	Second Language	5	4	4	3	3	3	3	4	4	3	3	3	3	4	4	3	3	3	3
Ability Enhancement Compulsory Course AECC	Environmenta l Science / Basic Computer Skills	1	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-
	Basic Computer Skills / Environmenta l Science	1	2	-	2	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-
Skill Enhancement Course SEC	SEC1	1	2	-	-	2	-	-	-	-	2	-	-	-	-	-	2	-	-	-
	SEC2	1	2	-	-	2	-	-	-	-	2	-	-	-	-	-	2	-	-	-
	SEC3	1	2	-	-	-	2	-	-	-	-	2	-	-	-	-	2	-	-	-
	SEC4	1	2	-	-	-	2	-	-	-	-	2	-	-	-	-	2	-	-	-
Generic Elective GE	Open Stream	1	4	-	-	-	-	4	-	-	-	-	4	-	-	-	-	-	4	-
Project Work/Optionals		1	4	-	-	-	-	4	-	-	-	-	4	-	-	-	-	-	4	-
Total Credits in each semester			25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Total Credits in UG			150						150											
Credits under Non-CGPA	NSS /NCC /sports / Extra curricular	6	Upto 6 (2 in each year)						Upto 6 (2 in each year)					Upto 6 (2 in each year)						
	Summer Internship	4	Upto 4 (2 in each, after I & II years)						Upto 4 (2 in each, after I & II years)					Upto 4 (2 in each, after I & II years)						

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509125

UNDERGRADUATE PROGRAMME IN PUBLIC ADMINISTRATION

Courses

SYLLABI OF UNDER GRADUATE PROGRAMME - CBCS IN PUBLIC ADMINISTRATION

1. Name of the Department : Public Administration
2. Name of the Programme : BA (Public Administration)
3. Programme ID : BA-103; BA-203; BA-303; BA-403;
BA- 503 - A/B
BA 603, - A/B
4. Duration : Three Years
5. AIM of the course :
 - Make the learner to understand the nature and role of Public Administration in the changing socio-economic and political context and in the historical background
 - Understand the impact of political dynamics on administrative processes;
 - Relate the role of public administration to the dynamics of global context;
 - Motivate the students to appear for civil service examinations.

6. Programme Objective

The broad objectives of the Undergraduate Programme in Public Administration include:

- Understand public administration theory and concepts from multiple perspectives;
- Acquaint with the functioning of the Indian administration, at central, state and local levels and the responses of these systems in addressing the concerns of the people;
- Acquaint with India's development experience and changing role of administration;
- Understand the interface of theory and practice in Public Administration;
- Develop conceptual, analytical and problem solving abilities among the learners;
- Acquaint the learner with the required knowledge of administrative science and government in action and the contemporary issues in public affairs management and,
- Understand the world of Public Administration from the public perspective and provide foundation for further studies in Public Administration
- Understand the role of Public Services in the new State of Telangana.

B. A - SUBJECT: PUBLIC ADMINISTRATION
CBCS COURSE STRUCTURE
W.E.F 2019-20

Sl.No	Code	Course Title	HPW	Credits	Exam Hrs	Marks
-1	-2	-3	-5	-6	-7	-8
		SEMESTER - I				
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AEC1	Environmental Science/ Basic Computer Skills	2	2		
4.	DSC101		5	5	3 hrs	80U+20I
5.	DSC102		5	5	3 hrs	80U+20I
6.	DSC103	Basics of Public Administration	5	5	3 hrs	80U+20I
		Total	25	25		
		SEMESTER - II				
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AEC2	Basic Computer Skills/ Environmental Science	2	2		
10.	DSC201		5	5	3 hrs	80U+20I
11.	DSC202		5	5	3 hrs	80U+20I
12.	DSC203	Development Dynamics and Emerging Trends	5	5	3 hrs	80U+20I
		Total	25	25		
		SEMESTER - III				
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1	Public Office Administration	2	2	1 ½ hrs	40U+10I
16.	SEC2	Office Processes	2	2	1 ½ hrs	40U+10I
17.	DSC301		5	5	3 hrs	80U+20I
18.	DSC302		5	5	3 hrs	80U+20I
19.	DSC303	Union Administration	5	5	3 hrs	80U+20I
		Total	25	25		
		SEMESTER - IV				
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3	Technology & Office Administration	2	2	1 ½ hrs	40U+10I
23.	SEC4	Techniques of Office Administration	2	2	1 ½ hrs	40U+10I
24.	DSC401		5	5	3 hrs	80U+20I
25.	DSC402		5	5	3 hrs	80U+20I
26.	DSC403	State Administration	5	5	3 hrs	80U+20I
		Total	25	25		
		SEMESTER - V				
1.	ELS1	English (First Language)	3	3		
2.	SLS4	Second Language	3	3		
3.	GE Any One	a) Good Governance b) Indian Constitution & Administration	4	4	3 hrs	80U+20I
4.	DSE501 A B C		5	5	3 hrs	80U+20I

5.	DSE502 A B C		3T+4P/ 5	5	3 hrs	50T+35 P+ 15I/ 80U+20I
6.	DSE503 A B	Human Resource Management/ Rural Governance	5 5	5 5	3 hrs 3 hrs	80U+20I 80U+20I
		Total	27/25	25		80U+20I
SEMESTER – VI						
1.	ELS6	English (First Language)	3	3		
2.	SLS6	Second Language	3	3		
3.	PR/ Optional Paper	e-Governance	4T 2T+4R	4 4	3 hrs 1 ½ hrs	80U+20I 40U+10I 35R+15VV
4.	DSE 601 A B C		5	5	3 hrs	80U+20I
5.	DSE 602 A B C		3T+4P/ 5	5	3 hrs	50T+35 P+ 15I/ 80U+20I
6.	DSE 603 A B	Financial & Material Management Urban Governance	5 5	5 5	3 hrs 3 hrs	80U+20I 80U+20I
		Total	29/27	25		
		GRAND TOTAL	156/ 152	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam: PR: Project Report; VV: Viva-Voce Examination.

Note: i) A student should opt for either a or b or c of DSE Groups in V and VI Semesters.

ii) Project work should be done by a group of 4 students.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Modern Language	6	4/3	20
3	AEC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150

BA I Year

Course-1: Introduction to Public Administration

The Objectives of the Course are:

1. To understand the nature and scope of Public Administration;
2. To appreciate the methodological pluralism and synthesizing nature of knowledge in Public Administration;
3. To comprehend the changing paradigms of Public Administration;
4. To acquaint with the theories, approaches, concepts and principles of Public Administration;
5. To understand the administrative theories and concepts to make sense of administrative practices.
6. To understand the role of public services in the emergence and development of Telangana state

Semester-I DSC 103: Basics of Public Administration

Unit- I: Nature of Public Administration

- a. Meaning and Importance of Public Administration
- b. State and Evolution of Public Administration

Unit-II: Relationship with other Social Sciences

- a. Law
- b. Political Science
- c. Economics
- d. Psychology

Unit-III: Oriental and Classical Approaches

- a. Oriental Approach -Kautilya
- b. Classical Approach: Henri Fayol, Luther Gulick and Lyndall Urwick
- c. Scientific Management Approach: F.W.Taylor
- d. Bureaucratic Approach: Max Weber and Karl Marx

Unit-IV: Human Relations and Behavioural Approaches

- a. Human Relations Approach –Elton Mayo
- b. Behavioural Approach: Herbert A. Simon
- c. Socio- Psychological Approach: Abraham Maslow; Mc Gregor

Unit-V: Ecological and Social Justice Approaches

- a. Administrative Ecology: F.W.Riggs
- b. Social Justice Approach –B.R.Ambedkar
- c. Jyothirao Pule

References

- Avasthi & Maheshwari (2012) Public Administration, Lakshminarayana Agarwal, Agra.
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- Martin Albrow (1970) Bureaucracy, MacMillan, London.
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- Wilson Woodrow, 'The Study of Administration' Political Science Quarterly 2 (June 1987).
- Telugu Akademi, BA, Ist Year Public Administration.

Semester-II DSC 203: Development Dynamics and Emerging Trends

Unit- I: Comparative & Development Administration

- a. Comparative Administration
- b. Development Administration
- c. Changing Dynamics of Development Administration

Unit-II: New Public Administration

- a. New Public Administration – Minnowbrook-I
- b. New Public Administration – Minnowbrook-II
- c. New Public Administration – Minnowbrook-III

Unit-III: Market Theories

- a. Public Choice Approach
- b. New Public Management

Unit-IV: Emerging Trends-I

- a. Public Policy and Governance
- b. Role of Public Services in the Emergence and Development of New State of Telangana

Unit-V: Emerging Trends-II

- a. Globalization and Public Administration
- b. Present Status of Public Administration in the context of Globalization

Expected Outcomes

After study of the Course-1, the learner should be able to:

- Appreciate the nature, scope and changing paradigms of Public Administration;
- Understand the synthesizing nature of knowledge of public administration from public perspective;
- Grasp the administrative theories, concepts and principles to make sense of administrative practices.

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- Heady F. (1996) *Public Administration: A Comparative Perspective* (5th ed.) New York: Marcel Dekker.
- Heaphey J. (1968) *Comparative Public Administration: Comments on current characteristics*, *Public Administration Review*, 28 (3), 242-249.
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BA II Year – Semester III

Course-IV C: Public Office Administration (SEC)

The Objectives of the Course are:

1. To understand the concept of Office;
2. To comprehend the administrative process in office;
3. To identify the challenges of public office administration in the background of ICT
4. To sketch out the impact of technology in office administration

SEC I Public Office Administration

Unit I: Introduction

- a) Office Administration: Meaning, Scope & Importance of Office
- b) Changing Nature of Public Office
- c) Basic Principles of Office Organization

Unit II: Office Organization and Management

- a) Office Planning
- b) Office Accommodation and Lay-out
- c) Office Environment

SEC II Office Processes

Unit I: Office Filing System

- a) Forms: Management and Control
- b) Filing System and Classification
- c) Management of Office Records

Unit II: Office Communication

- a) Periodical Reports
- b) Office Communication; Correspondence
- c) Inventory Control; Office Stationery

References:

- Pillai R.S.N. (2010) Office Management, S.Chand, New Delhi.
- Sudhir Andrews (2008) Front Office Management and Operations, Tata McGraw Hill Publishing Co. Ltd, India.
- Balachandran V. (2009) Office Management, Tata McGraw Hill Publishing Co. Ltd, India.
- Bhatia R.C. (2005) Principles of Office Management, Lotus Press, Delhi.
- Gopala Krishnan and Sundaresan, M. (2000) Materials Management: An Integrated Approach, Prentice Hall, India
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- Niraj Kumar (2013) Modern Office Management, New Royal Book Company. Lucknow.
- Chopra, R.K. (2008) Modern Office and Its Management, Himalaya Publishing House, Hyderabad.

BA II Year

Semester III : Indian Administration

The Objectives of the Course are:

1. To understand the historical evolution and socio-economic, political, cultural and global context of Indian Administration;
2. To identify the transformative role of Indian Administration;
3. To make out the multi-dimensionality of problems and processes of Indian Administration;
4. To understand the form and substance of Indian Administration; and
5. To appreciate the emerging issues in Indian Administration in the context of changing role of state, market and civil society.

DSC 303 : Union Administration

Unit- I: Historical Background

- a. Evolution of Indian Administration
- b. Indian Administration after Independence: Continuity and Change
- c. Indian Constitutional Moorings and Administration.

Unit- II: Union Administration: Structure and Processes

- a. Political Executive at Central Level
 - i) President
 - ii) Prime Minister
 - iii) Council of Ministers
- b. Central Secretariat and other Offices

Unit-III: Centre-State Relations

- a. Centre-State Administrative Relations
- b. Central Personnel Agencies-All India Services

Unit-IV: Constitutional and Other National Bodies

- a. Union Public Service Commission
- b. (i) Election Commission; (ii) Comptroller and Auditor General of India (C&AG)
- c. NITI Aayog

Unit-V: Public Enterprises in India

- a. Forms of Public Enterprises - Department, Corporation, Company
- b. Performance and Disinvestment

References:

- Bidyut Chakravarty, Prakash Chand (2019), Indian Administration: Evolution and Practise, Sage Publications
- Krishna K.Tummala (1996), Public Administration in India, Allied Publishers Limited.
- Kuldeep Mathur (2019), Recasting Public Administration in India: Reform, Rhetoric, and Neoliberalism, Oxford University Press
- M.Sharma (2004), Indian Administration, Anmol Publishers.
- Meredith Townsend (2019), The Annals of Indian Administration, Volume-3, Creative Media Partners.
- Parmar, A., A Study of Kautilya's Arthashastra, Delhi, Atma Ram & Sons, 1987
- Radha Krishna Sapru (2019), Indian Administration: Foundations of Governance, Sage Publications.
- Ramesh K Arora, Rajni Goyal (2018), Indian Public Administration: Institutions and Issues, New Age International Publishers.
- S.R.Maheswari (2004), Indian Administration, Orient Longman Publishers Limited.
- Siuli Sarkar (2018), Public Administration in India (Second Edition), PHI Learning Private Limited.
- Vaman Govind Kale (2010), Indian Administration, Kessinger Publications.
- P.D. Sharma and B.M. Sharma (2009) Indian Administration: Retrospect and Prospect, Rawat Publications.

BA II Year – Semester IV

SEC 3 - Semester-IV: Technology and Office Administration (SEC)

Unit I: Introduction to Technology

- a) Introduction to ICT
- b) Management by Office Computerization
- c) Internet and Intranet

Unit II: Trends in Office Administration

- a) Office Automation
- b) Back Office Operations and Front Office Delivery
- c) Paperless Office

SEC 4 - Semester-IV: Techniques of Office Administration

Unit I: Techniques

- a) Work Study, Work Measurement, Work Simplification
- b) Management by Objectives
- c) Office Supervision

Unit II: Issues in Office Administration

- a) Social System and Public Office Administration
- b) Staff Welfare
- c) Office Management in Government: Issues

Expected Outcomes

After study of the course, the learner is expected:

- Understand the meaning and related concepts of Office and office management;
- Explain the filing and record management
- Identify the issues and challenges in functioning of public office.

References

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Kooiman, J (ed) (1993) Modern Governance: New Government – Society Interactions, Sage Publications, London.

Bhatnagar, S.C. (2004) e-Government: From Vision to Implementation, Sage, New Delhi.

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Singhal, A and Evertt, Rogers (1990) India's Information Revolution, Sage Publications, New York.

Semester-IV: DSC 403: State Administration

Unit-I: State Administration: Structure and Processes

- a. Administrative History of Telangana
- b. Political Executive at State Level, Governor & Chief Minister

Unit-II: State Administrative Mechanisms

- a. State Secretariat & Directorates
- b. Local Governance & District Administration in Telangana

Unit- III: Emerging Issues

- a. Administrative Reforms: Need and Importance
- b. 2nd Administrative Reforms Commission – Features and Recommendations

Unit-IV: Technology and Integrity in Government

- a. e-Government
- b. Values and Ethics in Administration

Unit-V: Control over Administration

- a. Redressal of Citizen Grievances: Transparency, Accountability and Right to Information Act
- b. Administrative Accountability: Legislative and Judicial Control

Expected Outcomes

After study of the course, the learner should be able to:

- discern the connects and disconnects between structure, purpose and process and results in Indian Administration;
- Understand the Indian Administration role as the main instrument of State to achieve its developmental goals;
- Appreciate the varying historical, socio-economic, political and other conditioning factors that gave Indian Administration its distinct nature to the learner

References:

- Bidyut Chakravarty, Prakash Chand (2019), Indian Administration: Evolution and Practise, Sage Publications
- Krishna K.Tummala (1996), Public Administration in India, Allied Publishers Limited.
- Kuldeep Mathur (2019), Recasting Public Administration in India: Reform, Rhetoric, and Neoliberalism, Oxford University Press
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- Radha Krishna Sapru (2019), Indian Administration: Foundations of Governance, Sage Publications.
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- S.R.Maheswari (2004), Indian Administration, Orient Longman Publishers Limited.
- Siuli Sarkar (2018), Public Administration in India (Second Edition), PHI Learning Private Limited.
- Vaman Govind Kale (2010), Indian Administration, Kessinger Publications.

BA III Year

Course-II: (A) Good Governance (GE)

Course Objective

The word 'Governance' appears in diverse academic disciplines. At general level, governance refers to theories and issues of social coordination and the nature of all patterns of rule. The theories of governance have changed the understanding of various concepts of state and its institutions. New jargon of words emerged into the social science literature with different connotations. In this background, the present course is aimed to provide an in-depth understanding of the basic tenets and trends of Good Governance.

Unit - I: Introduction

- a) Meaning and Definitions of Governance
- b) Government and Governance
- c) Concepts of Good Governance

Unit – II: Citizen and Governance

- a) Rule of Law and Human Rights
- b) Accountability
- c) Participation

Unit - III: Techniques of Good Governance

- a) Openness and Transparency
- b) Citizen Charter
- c) Social Audit

Unit - IV: Emerging Trends

- a) Public and Private Governance
- b) Good Governance and Civil Society
- c) ICT and Good Governance

References:

- Bell, S., and Hindmoor, A. (2009) *Rethinking Governance: The Centrality of the State in Modern Society*, Cambridge: Cambridge University
- Bell, Stephen and Andrew Hindmoor. (2009) *Rethinking Governance: The Centrality of the State in Modern Society*. Cambridge: CUP.
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- Farazmand, Ali and Jack Pinkowski, eds. (2006) *Handbook of Globalization, Governance, and Public Administration*. London: CRC/Taylor & Francis.
- Hajer, Maarten, and Hendrik Wagenaar (2003) "Introduction." In *Deliberative Policy Analysis*: Kjaer, A (2004) *Governance*. Cambridge, UK: Polity Press.
- Kooiman, Jan ed. (1993) *Modern Governance: New Government-Society Interactions*. London: Sage.
- Kooiman, Jan. (2003) *Governing as Governance*. London: Sage.

BA III Year

Course-II: (B) Indian Constitution and Administration (GE)

Semester-V Indian Constitution and Administration

Course Objective

The Constitution of India defines the basic objectives and functioning of the government. It has provisions for bringing about social change and defining the relationship between individual citizen and the state. It lays out certain ideals that form the basis of the kind of country that we as a citizen aspire to live in. An in-depth analysis of various basic areas of constitution is the main objective of this inter disciplinary course. This helps the students to strengthen their understanding of Indian constitution and functioning of government.

Unit 1: Indian Constitution

- a) Nature of the Constitution Salient features – Preamble
- b) Fundamental Rights, Directive Principles; Fundamental Duties
- c) Amendments of the Constitution: Procedure for Amendment– Emergency Provisions

Unit II: Centre – State Relations and Local Self Government

- a) Distinctive features of Indian Federation
- b) Legislative, Administrative and Financial relations between the Union and the States
- c) Decentralization Experiments in India – 73rd and 74th Amendments

Unit III: State Government

- a) Governor, Chief Minister and Council of Ministers
- b) Secretariat and Directorates
- c) Changing Nature of District Administration and the role of District Collector

Unit IV: Accountability & Control

- a) Legislative, and Executive Control
- b) Judicial control and Judicial Review
- c) Right to Information Act

References:

- Bidyut Chakravarty, Prakash Chand (2019), Indian Administration: Evolution and Practise, Sage Publications
- Krishna K.Tummala (1996), Public Administration in India, Allied Publishers Limited.
- Kuldeep Mathur (2019), Recasting Public Administration in India: Reform, Rhetoric, and Neoliberalism, Oxford University Press
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- Parmar, A., A Study of Kautilya's Arthashastra, Delhi, Atma Ram & Sons, 1987
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- Ramesh K Arora, Rajni Goyal (2018), Indian Public Administration: Institutions and Issues, New Age International Publishers.
- S.R.Maheswari (2004), Indian Administration, Orient Longman Publishers Limited.
- Siuli Sarkar (2018), Public Administration in India (Second Edition), PHI Learning Private Limited.
- Vaman Govind Kale (2010), Indian Administration, Kessinger Publications.

BA III Year

DSE 503A : Human Resource Management

The Objectives of the Course are:

1. To comprehend the nature, scope, structure & processes of human resource management;
2. To identify the systems and processes of financial and material management;
3. To appreciate institutional capacity building strategies and programmes; and
4. To understand the changing paradigms of Resources management.

Semester-V: DSE 503-A: Human Resource Management

Unit-I: Introduction

- a. Meaning and Significance of Human Resource Management
- b. Human Resource Planning

Unit-II: Human Resources

- a. Job Analysis, Job Description,
- b. Recruitment and Promotion
- c. Compensation Administration - Wage, Pay and Pay Commissions

Unit- III: Capacity Building

- a. Performance and Competency Mapping System
- b. Employee Capacity Building Strategies-Training
- c. Sensitivity Training

Unit-IV: Reforms

- a. Reddressal of Employee Grievances
- b. Right sizing, Outsourcing and Consultancies
- c. Interpersonal Skills

Unit V: Emerging Trends

- a. Human Resource Audit
- b. Total Quality Management
- c. Productivity Management

References:

- Armstrong, Michael (2007), A Handbook of Human Resource Management Practice, Kogan Page, London.
- Aswathappa K. (2013), Human Resource Management: Text and Cases, McGraw Hill, New Delhi
- Farazmand , Ali (1994), Handbook of Bureaucracy, Taylor & Francis , New York.
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- Naff , Katherine C., Norma M. Riccucci, (2014) ,Personnel Management in Government: Politics and Process(Seventh Edition), CRC, Taylor & Francis, New York.
- Riccucci ,Norma(2007), Public Personnel Administration and Labor Relations, M.E. Sharpe, NY

BA III Year

Rural Governance (Optional)

The Objectives of the Course are:

1. To understand the concept of democratic decentralisation;
2. To trace the evolution of local self-government in India;
3. To comprehend the institutional arrangements and processes of rural and urban governance;
4. To identify the challenges of development and the administrative responses.
5. To sketch out the new organisational arrangements for delivery of public welfare programmes.

Semester-V DSE 503/B : Rural Governance

Unit-I: Introduction

- a. Democratic Decentralization and Local Organisations
- b. Evolution of Rural Governance Institutions-Balwanth Rai Mehta
- c. Ashok Mehta Committee

Unit:-II

- a. Third Generation Panchayats
- b. Constitutional Status of Rural Local Government- with special reference to 73rd CAA

Unit-III: Local Organisations for Rural Development

- a. Panchayati Raj: Patterns, Functions and Performance
- b. Finances of Panchayati Raj Institutions --- State Finance Commission

Unit-IV: Rural Development Strategies and Services

- a. Rural Development: Strategies, Programs and Issues
- b. Co-operatives: Structure, Functions and Performance
- c. Basic Services and Welfare Measures in Rural Areas (MNREGA, NRLM, SHYAMA MUKHERJEE RURBAN MISSION)
- d. State Control over Rural Local Governments

Unit V: Emerging Trends

- a. Rural Unrest
- b. Land Reforms
- c. Corporatization of Agriculture

References:

- B.D.S. Bhadouria and V.P. Dubey (1989), Panchayati Raj and Rural Development, Commonwealth Publishers, New Delhi.
- B.S. Khanna, (1992), Rural Development in South Asia Deep and Deep, New Delhi.
- Danny Burns, et. al. (1994), The Politics of Decentralisation: Revitalising Local Democracy, Macmillan, London.
- George Mathew (1994), Panchayati Raj in India: From Legislation to Movement, ISS, New Delhi.
- Jain L.C, et.al (1986), Grass without Roots; Rural Development Under Government Auspices, Sage
- K.C. Sivaramakrishanan, et. al. (1993), Urbanisation in India: Basic Services, ISS, New Delhi.
- M.A. Oommen (1995), Devolution of Resources from the State to the Panchayati Institutions, ISS, New Delhi.
- M.A. Oommen and Abhijit Datta (1995), Panchayats and their Finance, ISS, New Delhi.
- Mohit Bhattacharya (1976), Management of Urban Government in India: Uppal, New Delhi.
- Peter Oakley (1991), Projects with People: The Practice of Participation in Rural Development, ILO
- R. C. Choudahry and S.P. Jain (eds.) (2001) Patterns of Decentralized Government in Rural India, NIRD, Hyderabad.
- Ramesh K. Arora and Rajni Goyal (1996), Indian Public Administration Vishwa Prakashan, New Delhi.
- S.N. Mishra (1996), New Panchayati Raj in Action, Mittal Publication, New Delhi.
- S.R. Maheshwari (2003), Local Government in India, Lakshmi Narain Aggarwal.

BA III Year

Course-IV-B E- GOVERNANCE (OPTIONAL in Lieu of Project Report)

Objectives of the Course are:

1. To explain the meaning and importance of e-governance;
2. To provide the students with the analytical skills to comprehend the e-governance initiatives in India;
3. To make the learner understand e-governance initiatives at national and international level;
4. To inform the learner about the e-Governance measures initiated in Telangana state.

BA 503/B Semester-V: E-Governance

Unit-I: Introduction

- a. Concept of Governance and Good Governance
- b. Meaning, Evolution and Importance of E-Governance

Unit-II: Acts and Initiatives

- a. Information Society and Community Empowerment
- b. IT Acts and National E-Governance Plan
- c. E-Governance Initiatives in India

Unit-III: Methods of E-Governance

- a. GIS Based Management Systems
- b. Citizen Database and Human Development
- c. National Informatics Centre (NIC)

Unit-IV E-Governance in Public Office

- a. Back Office Operations and Front Office Delivery
- b. Business Process Reengineering (BPR)

References:

- Bellamy, Christine, and John, A., Taylor, (1998), *Governing in the Information Age*, Buckingham, Open University Press.
- Bhatnagar, S.C. (2004) *E-Government – from Vision to Implementation: A practical guide with case studies*, Sage Publications, New Delhi.
- Bhatnagar, S.C. (2009) *Unlocking E-Government Potential: Concepts, cases and practical insights*, Sage Publications, New Delhi.
- Bouwman, Harry, and et.al., (2005), *Information and Communication Technology in Organisations*, Sage Publications, London.
- Heeks, R. (2006) *Implementing and Managing eGovernment: An international text*, Sage
- Marchionini, G., (1995), *Information Seeking in Electronic Environments*, New York, The Press Syndicate of the University of Cambridge, USA.
- Michael E. Milakovich, (2012), *digital governance - New Technologies for improving Public Service an Participation*, Routledge, Taylor and Francis group, New York.
- Pardhasaradhi, Y. (et.al) (2009), *E-Governance and Indian Society: An Impact of Study*, Kanishka, New Delhi.
- Satyanarayana, J, (2004), *E-Government: The Science of the possible*, PHI Learning Pvt Ltd, New Delhi.

Semester-VI:

DSE 603/A: Financial and Material Management

Unit- I: Financial Management

- a. Meaning and Scope
- b. Importance of Financial Management

Unit-II: Budget

- a. Concept and Principles of Budget
- b. Preparation, Enactment and Execution of Budget
- c. Gender Budget and Green Budget

Unit-III: Financial Institutions

- a. Organization and Functioning of Finance Ministry
- b. Finance Commission
- c. Union – State Financial Relations

Unit IV: Parliamentary Financial Committees

- a. Financial Control Mechanisms
- b. Public Accounts Committee and Estimates Committee
- c. Committee on Public Undertakings

Unit- V: Materials Management

- a. Meaning and Concept of Materials Management
- b. Procurement, Storage and Distribution
- c. Inventory Control and Management

Expected Outcomes

After study of the course, the learner should be able to:

- Understand the way in which the public power is exercised and public resources are managed and expanded;
- Unravel the varying methods of performance assessment of public institutions; and
- Appreciate the changing paradigms of human resource management.

References:

- Brigham Eugene F. (2011), Financial Management : Theory and Practice, Cengage Learning
Government of India, Second Administrative Reforms Commission, Fourteenth Report, Strengthening Financial Management, Systems, April 2009.
L.K.Jha (1986), Economic Administration in India – Retrospect and Prospect, New Delhi: IIPA
Lee Robert D. Jr., et al (Eds) (2007), Public Budgeting Systems, Jones & Bartlett Learning.
Mahajan Sanjeev Kumar Mahajan (2014), Financial Administration in India, PHI, Delhi
Mikesell, John (2010), Fiscal Administration, Cengage Learning.
R.K. Lekhi and Joginder singh(2013), Public Finance, Kalyani Publishers, New Delhi.
Rabin Jack, et.al (2006) Handbook of Public Financial Management, Taylor & Francis Group.
Sharma M.K. (2006), Financial Administration, Anmol Publications, New Delhi.
Steppan J. Beiley (1995), Public Sector Economics: Theory, Policy and Practice, London
Wang Xiaohu (2010), Financial Management in the Public Sector, M. E. Sharpe.

Semester-VI: DSE 603/B Urban Governance

Unit-I: Local Organisations for Urban Development

- a. Evolution of Urban Local Bodies- Pattern, Functions and Performance
- b. Constitutional Status of Urban Local Governments with special reference to 74th CAA

Unit-II: Strategies for Urban Development

- a. Urban Development: Strategies, Programs and Issues
- b. Finances of Urban Local Governments

Unit-III: Urban Services

- a. Basic Services and Welfare Measures in Urban Areas
- b. Urban Development Authorities and Parastatals
- c. Sustainable Development and Future of Urban Governance

Unit-IV: Agencies and Programs for Rural and Urban Sector

- a. Development Planning, District Planning Committee
- b. Special Agencies Urban Development
- c. Elimination of Poverty Initiatives in Urban Areas

Unit V: Emerging Trends

- a. Urban Reforms in India: SMART and AMRUT Cities
- b. Swachh Bharat Mission
- c. Urban Unrest

Expected Outcomes

After study of the course, the learner should be able to:

- Critically appreciate the relationship of local governance and development;
- Appreciate the rural and urban institutional arrangements for development;
- Understand the processes and results of systems of delivery of welfare programmes

References:

- Aziz Abdul (ed.), (1996), Decentralised Governance in Asian Countries, Sage New Delhi.
- Baud, Isa S A, J De Wit (2009), New Forms of Urban Governance in India: Shifts, Models, Networks and Contestations, SAGE Publications.
- Bhattacharya, Mohit (1976), Management of Urban Government in India, Uppal, New Delhi
- Burns, Danny et. al. (1994), The Politics of Decentralisation: Revitalizing Local Democracy Macmillan, London,
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- Devas Nick(2004) ,Urban Governance Voice and Poverty in the Developing World, Routledge.
- Maheshwari, S.R. (2003), Local Government in India, Lakshmi Narain Aggarwal, Agra.
- Oakley Peter (1991), Projects with People: The Practice of Participation in Rural Development , I.L.O., Geneva.
- Oakley Peter, et. Al (1984), Approaches to participation in Development, I.L.O., Geneva.
- Pierre , Jon (2011), The Politics of Urban Governance: Rethinking the Local State, Palgrave MacMillan.
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- Rao , C. Nagaraja (2007),Accountability of Urban Local Governments in India, Atlantic, New Delhi
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Telangana State Council of Higher Education, Govt. of Telangana B.Sc., CBCS Common
Core Syllabi for all Universities in Telangana
PROPOSED SCHEME FOR CHOICE BASED CREDIT SYSTEM IN
B.Sc., Chemistry from 2019-2020

FIRST YEAR- SEMESTER I

CODE	COURSE TITLE	COURSE TYPE	HPW	CREDITS
BS 101	Ability Enhancement Compulsory Course AECC-1	ES	2	2
BS 102	English	CC-1A	4	4
BS 103	Second language	CC-2A	4	4
BS 104	Optional I	DSC-1A	4T+3P=7	4+1=5
BS 105	Optional II	DSC-2A	4T+3P=7	4+1=5
BS 106	Optional III- Chemistry - I	DSC-3A	4T } = 7 3P }	4 } = 5 1 }
	Laboratory Course - I (Qualitative Analysis - Semi Micro Analysis of Mixtures)			
Total Credits			31	25

FIRST YEAR- SEMSTER II

BS 201	Ability Enhancement Compulsory Course AECC-2	BCS	2	2
BS 202	English	CC-1B	4	4
BS 203	Second language	CC-2B	4	4
BS 204	Optional I	DSC-1B	4T+3P=7	4+1=5
BS 205	Optional II	DSC-2B	4T+3P=7	4+1=5
BS 206	Optional III- Chemistry - II	DSC-3B	4T } = 7 3P }	4 } = 5 1 }
	Laboratory Course - II (Quantitative Analysis - Titrations)			
Total Credits			31	25

SECOND YEAR- SEMSTER III

BS 301	i) Safety Rules in Chemistry Laboratory and Lab Reagents ii) Remedial methods for pollution, drinking water and Soil fertility	SEC-1 SEC-2	2 2	2 2
BS 302	English	CC-1C	3	3
BS 303	Second language	CC-2C	3	3
BS 304	Optional I	DSC-1C	4T+3P=7	4+1=5
BS 305	Optional II	DSC-2C	4T+3P=7	4+1=5
BS 306	Optional III- Chemistry - III	DSC-3C	4T } = 7 3P }	4 } = 5 1 }
	Laboratory Course - III (Synthesis of Organic compounds)			
Total Credits			31	25

SECOND YEAR- SEMSTER IV

BS 401	i) Materials and their Applications ii) Chemistry of Cosmetics and Food Processing	SEC-3 SEC-4	2 2	2 2
BS 402	English	CC-1D	3	3
BS 403	Second language	CC-2D	3	3
BS 404	Optional I	DSC-1D	4T+3P=7	4+1=5
BS 405	Optional II	DSC-2D	4T+3P=7	4+1=5
BS 406	Optional III- Chemistry - IV	DSC-3D	4T } = 7 3P }	4 } = 5 1 }
	Laboratory Course - IV (Qualitative Analysis of Organic Compounds)			
Total Credits			31	25

* AECC: Ability Enhancement Compulsory Course, SEC: Skill Enhancement Course, DSC: Discipline Specific Course, GE: Generic Elective, ES: Environmental Science, BCS: Basic computer skills.

Telangana State Council of Higher Education, Govt. of Telangana B.Sc, CBCS Common
Core Syllabi for all Universities in Telangana
PROPOSED SCHEME FOR CHOICE BASED CREDIT SYSTEM IN
B.Sc., Chemistry (for the batch admitted in 2019-2020)

THIRD YEAR- SEMESTER V

CODE	COURSE TITLE	COURSE TYPE	HPW	CREDITS
BS 501	Chemistry of Cosmetics, Food Processing, Drugs and Pharmaceuticals	GE	4	4
BS 502	English	CC-1E	3	3
BS 503	Second language	CC-2E	3	3
BS 504	Optional- I A/B	DSE -1E	-----	4+1=5
BS 505	Optional- II A/B	DSE -2E	-----	4+1=5
BS 506	Optional- III A/B A. Spectroscopy and Chromatography (or) B. Metallurgy, Dyes and Catalysis	DSE -3E	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course -V Experiments in Physical Chemistry-I			
	TOTAL			

THIRD YEAR- SEMESTER VI

BS 601	Project in Chemistry/ Advanced Chemistry			4
BS 602	English	CC-1F	3	3
BS 603	Second language	CC-2F	3	3
BS 604	Optional- I A/B	DSE-1F	-----	4+1=5
BS 605	Optional- II A/B	DSE -2F	-----	4+1=5
BS 606	Optional- III A/B A. Medicinal Chemistry (or) B. Agricultural and Fuel Chemistry	DSE -3F	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course -VI Experiments in Physical Chemistry-II			
	TOTAL			
	TOTAL Credits			150

U. Sreedhar

P. Sree
A. Sreedhar

Chh
A. Sreedhar

V. Lakshmi
Sreedhar

Sreedhar

P. Uma

Maya

Sreedhar

**Telangana State Council of Higher Education, Govt. of Telangana B.Sc.,
CBCS Common Core Syllabi for all Universities in Telangana
B.Sc - Biotechnology (wef 2019)**

FIRST YEAR- SEMESTER I

CODE	COURSE TITLE	COURSE TYPE	HPW	CREDITS
BS 101	Environmental Science/Basic Computer Skills	AECC-1	2	2
BS 102	English	CC-1A	4	4
BS 103	Second language	CC-2A	4	4
BS 104	Optional I- Cell biology and Genetics	DSC-1A	4T+3P=7	4+1=5
BS 105	Optional II	DSC-2A	-----	4+1=5
BS 106	Optional III	DSC-3A	-----	4+1=5
TOTAL				25

FIRST YEAR- SEMESTER II

BS 201	Gender Sensitization	AECC-2	2	2
BS 202	English	CC-1B	4	4
BS 203	Second language	CC-2B	4	4
BS 204	Optional I- Biological Chemistry and Microbiology	DSC-1B	4T+3P=7	4+1=5
BS 205	Optional II	DSC-2B	-----	4+1=5
BS 206	Optional III	DSC-3B	-----	4+1=5
TOTAL				25

SECOND YEAR- SEMESTER III

BS 301	SEC 1: Industrial Fermentation	SEC-1	2	2
BS 302	SEC 2: Immunological techniques	SEC-2	2	2
BS 303	English	CC-1C	3	3
BS 304	Second language	CC-2C	3	3
BS 305	Optional I- Molecular Biology and Recombinant DNA Technology	DSC-1C	4T+3P=7	4+1=5
BS 306	Optional II	DSC-2C	-----	4+1=5
BS 307	Optional III	DSC-3C	-----	4+1=5
TOTAL				25

SECOND YEAR- SEMESTER IV

BS 401	SEC 3: Molecular markers in plant breeding	SEC-3	2	2
BS402	SEC 4: Drug designing	SEC-4	2	2
BS 403	English	CC-1D	3	3
BS 404	Second language	CC-2D	3	3
BS 405	Optional I- Bioinformatics and Biostatistics	DSC-1D	4T+3P=7	4+1=5
BS 406	Optional II	DSC-2D	-----	4+1=5
BS 407	Optional III	DSC-3D	-----	4+1=5
TOTAL				25

THIRD YEAR- SEMESTER V

CODE	COURSE TITLE	COURSE TYPE	HPW	CREDITS
BS 501	English			
BS 502	Second language	CC-1E	3	3
BS 503	Basics in Biotechnology	CC-2E	3	3
BS 504	Optional I- A/B (A) Plant Biotechnology or (B) Medical Biotechnology	GE	4	4
		DSE -1E	4T+3P=7	4+1=5
BS 505	Optional- II A/B	DSE -2E	-----	4+1=5
BS 506	Optional- III A/B	DSE -3E	-----	4+1=5
	TOTAL			25

THIRD YEAR- SEMESTER VI

BS 601	Project in Biotechnology/ Optional I: (IPR, Biosafety and Entrepreneurship)	Project work/Opt.P		4
BS 602	English			
BS 603	Second language	CC-1F	3	3
BS 604	Optional II- A/B (A) Animal Biotechnology or (B) Environmental Biotechnology	CC-2F	3	3
		DSE-1F	4T+3P=7	4+1=5
BS 605	Optional- II A/B	DSE -2F	-----	4+1=5
BS 606	Optional- III A/B	DSE -3F	-----	4+1=5
	TOTAL			25
	TOTAL Credits			150

Total credits= 164-12 (AECC 4 + SEC 8) =15

AECC: Ability Enhancement Compulsory Course

SEC: Skill Enhancement Course

DSC: Discipline Specific Course

DSE: Discipline Specific Elective

GE: Generic Elective

**Proposed
B.Sc. Botany Syllabus**

Under Choice Based Credit System

2019-20

**Meeting held with Heads & Chairperson,
BOS of Six Conventional Universities
on 15th June, 2019 at TSCHE-Hyderabad.**

**TELANGANA STATE COUNCIL OF HIGHER EDUCATION
PROPOSED CBCS COMMON CORE SCHEME FOR B.S.C. COURSE
OPTIONAL -1: BOTANY**

CODE	PAPER TITLE	Course Type	HPW	Credits
FIRST YEAR SEMSTER - I				
BS 104	PAPER-I : Microbial Diversity and Lower Plants	DSC-1A	4T+2P=6	4+1=5
FIRST YEAR SEMSTER - II				
BS 204	PAPER-II: Gymnosperms, Taxonomy of Angiosperms and Ecology	DSC-1B	4T+2P=6	4+1=5
SECOND YEAR SEMSTER - III				
BS 301	SEC-1: Nursery and Gardening	SEC-1	2	2
BS 302	SEC-2: Biofertilizers and Organic Farming	SEC-2	2	2
BS 304	PAPER-III: Plant Anatomy and Embryology	DSC-1C	4T+2P=6	4+1=5
SECOND YEAR SEMSTER - IV				
BS 401	SEC-3: Greenhouse Technology	SEC-3	2	2
BS 402	SEC-4: Mushroom Culture Technology	SEC-4	2	2
BS 404	PAPER-IV : Cell Biology, Genetics & Plant Physiology	DSC-1D	4T+2P=6	4+1=5
THIRD YEAR SEMESTER - V				
BS 501	GE-1: Industrial Microbiology	GE-1	4T	4
BS 502	DSE -1A: Biodiversity & Conservation DSE -1B: Economic Botany DSE -1C: Seed Technology	DSE-1A / DSE-1B / DSE-1C	4+2	4+1
THIRD YEAR SEMESTER - VI				
BS 601	DSE-3: Project (Group Projects)	PROJECT	4	4
BS 602	DSE -2A: Plant Molecular Biology DSE -2B: Tissue Culture and Biotechnology DSE -2C: Analytical Techniques in Plant Sciences	DSE-2A / DSE-2B / DSE-5E	4T+2P=6	4+1=5

AECC: Ability Enhancement Compulsory Course, SEC: Skill Enhancement Course, GE: Generic Elective, DSC: Discipline Specific Core, DSE: Discipline Specific Elective.

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3 Page

M.A.L.D. GOVERNMENT ARTS & SCIENCE COLLEGE, GADWAL

M.A.L.D. GOVERNMENT ARTS & SCIENCE COLLEGE, GADWAL

Palamuru University-UG CBCS- Data Science

B.Sc. (DATA SCIENCE)

Semester Pattern Syllabus (CBCS) : w. e. f. : Academic Year : 2020-21

(With Mathematics Combination)

Year	Semester	Theory / Practical	Paper Title	Work Load (Hrs/Week)	# Credits	Marks
I	FIRST	Paper - I (DSC - A)	Fundamentals of Information Technology	4	4	100
		<i>Practical - 1</i>	Fundamentals of Information Technology (Lab)	3	1	50
	SECOND	Paper - II (DSC - B)	Problem solving and Python Programming	4	4	100
		<i>Practical - 2</i>	Problem solving and Python Programming (Lab)	3	1	50
II	THIRD	SEC - 1	University Specified	2	2	50
		SEC - 2	Mini Project	2	2	50
		Paper - III (DSC - C)	Data Engineering with Python	4	4	100
		<i>Practical - 3</i>	Data Engineering with Python (Lab)	3	1	50
	FOURTH	SEC - 3	University Specified	2	2	50
		SEC - 4	Mini Project	2	2	50
		Paper - IV (DSC - D)	Machine Learning	4	4	100
		<i>Practical - 4</i>	Machine Learning (Lab)	3	1	50
III	FIFTH	Paper - V (A) (DSE - A)	Natural Language Processing	4	4	100
		Paper - V (B) (DSE - A)	No SQL Data Bases	4	4	100
		<i>Practical - 5(A)</i>	Natural Language Processing (Lab)	3	1	50
		<i>Practical - 5(B)</i>	No SQL Data Bases (Lab)	3	1	50
		<i>Paper VI - GE</i>	<i>Data Structures and Algorithms</i>	4	4	100
	SIXTH	Paper - VII (A) (DSE - B)	Big Data	4	4	100
		Paper- VII (B) (DSE - B)	Deep Learning	4	4	100
		<i>Practical - 7(A)</i>	Big Data (Lab)	3	1	50
		<i>Practical - 7(B)</i>	Deep Learning (Lab)	3	1	50
		<i>Paper VIII (Project)</i>	<i>Major Project</i>	4	4	100

M.A.L.D. GOVERNMENT ARTS & SCIENCE COLLEGE, GADWAL

Palamuru University-UG Syllabus

1

PALAMURU UNIVERSITY
FACULTY OF SCIENCE
B.Sc (Computer Applications)
CBCS Pattern with Effect from the Academic Year 2019-2020

Code	Course Title	Course Type	HpW	Credits
SEMESTER – I				
BS106	Programming in C	DSC-3A	4T+3P=7	4 + 1 =5
SEMESTER – II				
BS206	Programming in C++	DSC-3B	4T+3P=7	4 + 1 =5
AECC				
BS107	Fundamentals of Computers	AECC	2T	2
SEMESTER –III				
BS301	Python - 1	SEC-1	2T	2
BS302	Sci Lab - 1	SEC-2	2T	2
BS306	Relational Data Base Management Systems	DSC-3C	4T+3P=7	4 + 1 =5
SEMESTER –IV				
BS401	Python - 2	SEC-3	2T	2
BS402	Sci Lab - 2	SEC-4	2T	2
BS406	Multi Media Systems	DSC-3D	4T+3P=7	4 + 1 =5
SEMESTER – V				
BS501	Information Technologies	GE	4T	4
BS505	Programming in Java	DSE-3E	4T+3P=7	4 + 1 =5
SEMESTER – VI				
BS605	Web Technologies	DSE-3F	4T+3P=7	4 + 1 =5
Project/Optional				
BS601	Information Security and Cyber Laws	PO	3T+3P=6	3 + 1 =4
Total Number of Credits				48

M.A.L.D. GOVERNMENT ARTS & SCIENCE COLLEGE, GADWAL

Palamuru University-UG Syllabus

With Effect from the Academic Year 2019-2020

With Effect from the Academic Year 2019-2020

Syllabus for Computer Science

Proposed scheme for B.Sc. Programme under Choice Based Credit System

Code	Course Title	Course Type	HpW	Credits
SEMESTER - I				
BS106	Programming in C	DSC-3A	4T+3P=7	4 + 1 =5
SEMESTER - II				
BS206	Programming in C++	DSC-3B	4T+3P=7	4 + 1 =5
AECC				
BS107	Fundamentals of Computers	AECC	2T	2
SEMESTER -III				
BS301	Python - 1	SEC-1	2T	2
BS302	Operating Systems - 1	SEC-2	2T	2
BS306	Data Structures using C++	DSC-3C	4T+3P=7	4 + 1 =5
SEMESTER -IV				
BS401	Python - 2	SEC-3	2T	2
BS402	Operating Systems - 2	SEC-4	2T	2
BS406	Database Management Systems (DBMS)	DSC-3D	4T+3P=7	4 + 1 =5
SEMESTER - V				
BS501	Information Technologies	GE	4T	4
BS505	Programming in Java	DSE-3E	4T+3P=7	4 + 1 =5
SEMESTER - VI				
BS605	Web Technologies	DSE-3F	4T+3P=7	4 + 1 =5
Project/Optional				
BS601	PHP with MySQL	P/O	3T+3P=6	3 + 1 =4
Total Number of Credits				48



Department of English Palamuru University
Course Structure under the Reorganized CBCS (with effect from AY 2019-20)

Subject: English (First Language) BA/BSc/BCom

and other UG Courses

Course Objectives

The 20-credit, six-semester course seeks to enhance the English language skills of undergraduate students by

- Strengthening their grammar and vocabulary
- Improving their reading and writing skills
- Enhancing their listening and speaking skills
- Imparting to them important life skills and human values
- Encouraging them to think creatively and critically
- Exposing them to a variety of content-rich texts
- Expanding their emotional intelligence
- Developing gender sensitivity among them.

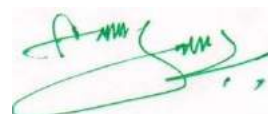
Course Outcomes

On successful completion of the 20-credit, six-semester course, an undergraduate student will be able to

- Read, understand, interpret a variety of written texts
- Undertake guided and extended writing using appropriate vocabulary and correct grammar
- Listen with comprehension and speak with confidence in both formal and informal contexts with reasonable fluency and acceptable pronunciation
- Become employable with requisite professional skills, ethics and values.

Credits, Syllabus, and Instructional Hours

Semester	Number of Credits	Number of Units	Instruction (Clock hours per week)
I	4	4	4
II	4	4	4
III	3	3	3
IV	3	3	3
V	3	3	3
VI	3	3	3
Total	20	20	20


PRINCIPAL
M.A.L.D. Govt. Degree College
GADWAL - 509 125
Jogulamba Gadwal (Dist.) T.S.

PALAMURU UNIVERSITY
(As per TSHCE Model)
Scheme of Instruction and Examination
Titles of B.A. History (Regular) (CBCS) Syllabus w.e.f. 2019-2020

Year	Semester	DSC/GE/ DSE/SEC	Paper	Title	Credits	Hours
I	I	DSC*101	Paper - I	History of India (From Earliest Times to c.700 CE)	5	5
	II	DSC201*	Paper - II	History of India (c.700 -1526 CE)	5	5
II	III	DSC*301	Paper - III	History of India (1526-1857 CE)	5	5
		SEC-I	Paper-I	Historical and Cultural Tourism	2	2
	IV	DSC401*	Paper - IV	History of India (1858-1964 CE)	5	5
		SEC-II	Paper-II	Archives and Museums	2	2
		GE**	Open Stream	Indian National Movement (1857-1947 CE)	4	4
III	V	DSE-501*	Elective-A	History of Modern World (1453-1964 CE)	5	5
			Elective-B	Tourism and Culture	5	5
	VI	DSE601*	Paper - A	History and Culture of Telangana (From Earliest Times to 2014 CE)	5	5
		DSE601*	Paper - B	Islamic History	5	5
		***Optional		Ancient Civilizations	4	4

* DSC (Discipline Specific Course), SEC (Skill Enhancement Course) & DSE (Discipline Specific Elective) for Students of History.

** GE (Generic Elective) or Inter-Disciplinary Course for Students of Social Sciences other than History.

*** Optional

Telangana State Council of Higher Education
B.A/B.Sc. Mathematics Course Structure

(Common Core Syllabus for All Universities in Telangana State with effect from 2019-20)

Year	Paper	Semester	Subject	Hours/ per week	Hours/per week		Credits
					Theory	Tutorials*	
1	DSC I	I ✓	Differential & Integral Calculus	6	5	1	5
	DSC II	II ✓	Differential Equations	6	5	1	5
2	DSC III	III ✓	Real Analysis	6	5	1	5
	DSC IV	IV ✓	Algebra	6	5	1	5
3	DSC V	V ✓	Linear Algebra	6	5	1	5
	DSE VI	VI-A	Numerical Analysis	6	5	1	5
		VI-B	Integral Transforms	6	5	1	5
		VI-C	Analytical Solid Geometry	6	5	1	5
2	SEC-I	III	Theory of Equations	2	2	-	2
2	SEC-II	III	Logic & Sets	2	2	-	2
2	SEC-III	IV	Number Theory	2	2	-	2
2	SEC-IV	IV	Vector Calculus	2	2	-	2
3	Generic Elective	V-A*	1. Basic Mathematics or 2. Mathematics of Finance & Insurance	4	4	-	4
3	Project/Optional	VI*	Mathematical Modelling	4	4	-	4

*Tutorials: Problems solving session for each 20 student's one batch.

*The syllabus for 1. Generic Elective and 2. Optional in place of project is open to respective universities to frame the syllabus as per local convenience.

Telangana State Council of Higher Education, Govt. of Telangana
(Palamuru University)
PROPOSED SCHEME FOR CHOICE BASED CREDIT SYSTEM IN B.Sc.
MICROBIOLOGY (2020-21)

Code	Course Title	Course Type	HPW	Credits
FIRST YEAR-SEMESTER-1				
BS	AEC-1			2
BS	English			4
BS	Second Language			4
BS	General Microbiology	DSC-1A	4+2	5
BS	Optional-II			5
BS	Optional-III			5
SEMESTER-2				
BS	AEC-2			2
BS	English			4
BS	Second Language			4
BS	Microbial Diversity	DSC-1B	4+2	5
BS	Optional-II			5
BS	Optional-III			5
SECOND YEAR-SEMESTER-3				
BS	Haematology	SEC-1	2	2
BS	UGC Given	SEC-2		2
BS	English			3
BS	Second Language			3
BS	Food & Environmental Microbiology	DSC-1C	4+2	5
BS	Optional-II			5
BS	Optional-III			5
SEMESTER-4				
BS	Mushroom Cultivation	SEC-3	2	2
	UGC Given	SEC-4		2
	English			3
BS	Second Language			3
BS	Medical Microbiology & Immunology	DSC-1D	4+2	5
BS	Optional-II			5
BS	Optional-III			5
THIRD YEAR-SEMESTER-5				
	English			3
	Second language			3
BS	Microbiology and Human Health	GE	4	4
BS	1A. Molecular Biology & Microbial Genetics or 1B. Microbial Omics	DSE-I	3+2	5
BS	Optional-II			5
BS	Optional-III			5

SEMESTER-6				
BS	English			3
BS	Second language			3
BS	2.A Industrial Microbiology 2.B Pharmaceutical Microbiology	DSE-2	4+2	5
BS	PROJECT WORK / Applied Microbiology		3+2	4
BS	Optional-II-A/B/C			5
BS	Optional-III-A/B/C			5
Total				150

B.A./B.Sc. (STATISTICS)

Semester Pattern Syllabus (CBCS) : w. e. f. : Academic Year : 2020-21

(With Mathematics Combination)

Year	Semester	Theory / Practical	Paper Title	Work Load (Hrs/Week)	# Credits	Marks
I	FIRST	Paper - I (DSC - A)	Descriptive Statistics and probability	4	4	100
		Practical - 1	Descriptive Statistics and probability	3	1	50
	SECOND	Paper - II (DSC - B)	Probability distributions	4	4	100
		Practical - 2	Probability distributions	3	1	50
II	THIRD	SEC - 1	University Specified	2	2	50
		SEC - 2	Data Collection, Presentation and Interpretation	2	2	50
		Paper - III (DSC - C)	Statistical Methods and Estimation	4	4	100
		Practical - 3	Statistical Methods and Estimation	3	1	50
	FOURTH	SEC - 3	University Specified	2	2	50
		SEC - 4	Data Scaling Techniques and Report writing	2	2	50
		Paper - IV (DSC - D)	Statistical Inference	4	4	100
		Practical - 4	Statistical Inference	3	1	50
III	FIFTH	Paper - V (A) (DSE - A)	Applied Statistics - 1	4	4	100
		Paper - V (B) (DSE - A)	Analytical Statistics - 1	4	4	100
		Practical - 5(A)	Applied Statistics - 1	3	1	50
		Practical - 5(B)	Analytical Statistics - 1	3	1	50
		Paper VI - GE	Basic Statistics	4	4	100
	SIXTH	Paper - VII (A) (DSE - B)	Applied Statistics - 2	4	4	100
		Paper - VII (B) (DSE - B)	Analytical Statistics - 2	4	4	100
		Practical - 7(A)	Applied Statistics - 2	3	1	50
		Practical - 7(B)	Analytical Statistics - 2	3	1	50
		Paper - VIII Project / DSE - C	Operations Research	4	4	100

B.Sc. ZOOLOGY SYLLABUS UNDER CBCS 2019

**CURRICULUM FOR ZOOLOGY
IN UNDER GRADUATE DEGREE PROGRAMME
CBCS SYLLABUS SCHEDULE 2019**

Year	Semester	Paper		Title of the Paper	No. of Credits	Exam Hrs.	Max. Marks			
							I.A	End Exam	Total	
I	I	Paper - I	Core-I Theory	Animal Diversity- Invertebrates	4	2	20	80	100	
			Core-I Practical	Animal Diversity- Invertebrates	1	2	-	25	25	
	II	Paper - II	Core-II Theory	Animal Diversity- Vertebrates	4	2	20	80	100	
			Core-II Practical	Animal Diversity- Vertebrates	1	2	-	25	25	
II	III	Paper - III	Core-III Theory	Animal Physiology, Animal Behaviour and Developmental Biology	4	2	20	80	100	
			Core-III Practical	Animal Physiology, Animal Behaviour and Developmental Biology	1	2	-	25	25	
			SEC-1	Sericulture / Aquaculture	2	2	10	40	50	
	IV	Paper - IV	SEC-2	Clinical Science / Health and Hygiene	2	2	10	40	50	
			Core-IV Theory	Cell Biology, Genetics, Evolution and Zoogeography.	4	2	20	80	100	
			Core-IV Practical	Cell Biology, Genetics, Evolution and Zoogeography	1	2	-	25	25	
	III	V	Paper - V	SEC-3	Apiculture / Poultry and Animal Husbandry	2	2	10	40	50
				SEC-4	Vermiculture / Biomaterials from Animals sources	2	2	10	40	50
				DSE-I Theory	Physiological Chemistry / Immunology / Diagnostic Methods of Parasites / Animal Biotechnology	4	2	20	80	100
				DSE-I Practical	Physiological Chemistry / Immunology / Diagnostic Methods of Parasites / Animal Biotechnology	1	2	-	25	25
III	V	Paper - VI	GE - I Theory	Preventive Medicine / Integrated Pest Management / Health and Hygiene	4	2	20	80	100	
			DSE-II Theory	Fisheries / Limnology / Vector Biology / Laboratory Animals Maintenance and Applications	4	2	20	80	100	
			DSE-II Practical	/ Fisheries / Limnology / Vector Biology / Laboratory Animals Maintenance and Applications	1	2	-	25	25	
				Project / Tools and Techniques In Biology	4					

Keerav

Maina Des 15-6-2019

Practical One Credit equal to 3hrs

15/6/19
15/6
15/6/19

SCHEME OF INSTRUCTION :: B.Sc. PHYSICS SYLLABUS UNDER CBCS SCHEME
Revised and effective from academic year 2019-2020

Semester	Paper [Theory and Practical]	Instructions Hrs/week	Marks	Credits
I	Paper – I : Mechanics	4	100	4
	Practicals – I : Mechanics	3	50	1
II	Paper – II: Thermal Physics	4	100	4
	Practicals – II : Thermal Physics	3	50	1
III	Paper – III : Electromagnetic Theory	4	100	4
	Practicals – III : Electricity & Magnetism	3	50	1
IV	Paper – IV : Optics	4	100	4
	Practicals – IV : Optics	3	50	1
V	Paper –V : A. Modern Physics B. Computational Physics using MATLAB	4	100	4
	Practicals – V: A. Modern Physics B. Computational Physics using MATLAB	3	50	1
VI	Paper – VI : A. Electronics B. Applied Optics	4	100	4
	Practicals VI: A. Electronics B. Applied Optics	3	50	1

Total credits: 30

Skill enhancement courses

1. Measurements and Errors
2. Electrical circuits and Networking
3. Basic Instrumentation
4. Biomedical Instrumentation
5. Digital Electronics

Generic Elective:

1. Renewable Energy & Harvesting

Project work /Optionals (Nano science)

~~B.Sc. (Physics) Semester I-Theory Syllabus~~

1	2	3
4	5	6
7	8	9

4 *Prasad*
 7 *Sureish Kumar* 15.6.19
 5 *Jaiwal*
 8 *N.Mohan Babu* 15.6.19
 6 *Haritha* 15.6.19
 9 *Dr. L. Haritha* BOS, TU

Annexure – I (Credits)
Proposed CBCS Structure from 2019-20 for Under Graduate Courses

Courses	Papers	Total Credit	Credits for each paper / Semester						Credits for each paper / Semester						Credits for each paper / Semester							
			RA						B.Com.						B.Sc.							
			I	II	III	IV	V	VI	I	II	III	IV	V	VI	I	II	III	IV	V	VI		
Core Courses DSC	Optional-1	4	20	5	5	5	5	-	-	5	5	5	5	-	-	5	5	5	5	-	-	
	Optional-2	4	20	5	5	5	5	-	-	5	5	5	5	-	-	5	5	5	5	-	-	
	Optional-3	4	20	5	5	5	5	-	-	5	5	5	5	-	-	5	5	5	5	-	-	
Elective Courses DSE	Optional-1	2	10	-	-	-	-	5	5	-	-	-	-	5	5	-	-	-	-	5	5	
	Optional-2	2	10	-	-	-	-	5	5	-	-	-	-	5	5	-	-	-	-	5	5	
	Optional-3	2	10	-	-	-	-	5	5	-	-	-	-	5	5	-	-	-	-	5	5	
Language	English(First Language)	5	20	4	4	3	3	3	3	4	4	3	3	3	3	4	4	3	3	3	3	
	Second Language ✓	5	20	4	4	3	3	3	3	4	4	3	3	3	3	4	4	3	3	3	3	
Ability Enhancement Compulsory Course AECC	Environmenta I Science / Basic Computer Skills	1	2	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	
	Basic Computer Skills / Environmenta I Science	1	2	-	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	
Skill Enhancement Course SEC	SEC1	1	2	-	-	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	
	SEC2	1	2	-	-	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	
	SEC3	1	2	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	
	SEC4	1	2	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	2	-	-	
Generic Elective GE	Open Stream	1	4	-	-	-	-	4	-	-	-	-	4	-	-	-	-	-	-	4	-	
Project Work/Optionals		1	4	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	-	-	4	
Total Credits in each semester				25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Total Credits in UG				150						150						150						
Credits under Non-CGPA		NSS /NCC /sports / Extra curricular	6	Upto 6 (2 in each year)						Upto 6 (2 in each year)						Upto 6 (2 in each year)						
		Summer Internship	4	Upto 4 (2 in each, after I & II years)						Upto 4 (2 in each, after I & II years)						Upto 4 (2 in each, after I & II years)						

S.No.	Five Components of TSKC curriculum	
1	Communication skills	Speaking Skills ,Writing skills &Vocabulary building in both English and Mother Tongue, ,
2	Technical Skills/ Computer Knowledge	Basic knowledge of Computers, SBTET Typing certificate, MS office, Internet Browsing, MOOCs,
3	Analytical & Aptitude Skills	Logical Reasoning, Problem Solving, Creative Thinking and Arithmetic
4	Personality Development	Knowing Oneself, Relationships, Right knowledge
5	Career Guidance & Job Preparedness	Career opportunities, Job requirements and Job preparedness, Grooming