

Course Structure and Scheme of Examinat
For Choice Based Credit System (CBCS

PGDMC SEMESTER

Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week
Provide Sub. Code	Prog. In C & Numerical Methods	4	4
1901410105010100	Introduction to Journalism & Mass Media	4	4
1901410105010200	Editing & Reporting	4	4
1901410105010300	Editorial & Features	4	4
1901410205010100	Advertising	4	4
1901410205010100	Magazine Journalism	4	4
1901410305010100	Media Law & Media Ethics	4	4
1901410305010100	Sports Journalism	4	4

ion

3)

- 1

Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5

..

Course Structure
For Choice B:

MJMC

;

Subject Code	Title of the Course
Provide Sub. Code	Prog. In C & Numerical Methods
1901410102010100	Development Communication & Research-1
1901410102010200	Science Communication-1
1901410102010300	Cinema & Folk Media-1
1901410202010100	History of Press-1
1901410202010100	Current scenario of Indian Journalism
1901410302010100	Intercultural Communication
1901410302010100	Business Communication

**Course Structure ar
For Choice Basec**

Sen

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week
Provide Sub. Code	Prog. In C & Numerical Methods	4	4
1901410102010100	Development Communication & Research-1	4	4
1901410102010200	Science Communication-1	4	4
1901410102010300	Cinema & Folk Media-1	4	4
1901410202010100	History of Press-1	4	4
1901410202010100	Current scenario of Indian Journalism	4	4
1901410302010100	Intercultural Communication	4	4
1901410302010100	Business Communication	4	4

**Cou
Fo**

Subject Code	Title of the Course
Provide Sub. Code	Prog. In C & Numerical Methods
19010903010100	Research Methodology & Communication
19010903010200	Teaching Techniques & Communication theories

**Course Structure and Scheme of Examination
under Choice Based Credit System (CBCS)**

M.PHIL SEMESTER 1

Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes
4	4	30	70	100
4	4	30	70	100
4	4	30	70	100

Duration of Semester End Exam in Hrs.
2.5
2.5
2.5

**Subject
Code**

**Provide Sub.
Code**

19010903010300

or

19010903010301

19010903010400

**Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)**

M.PHIL SEMI

Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination
Prog. In C & Numerical Methods	4	4	30
Development Communication & Cyber media	4	4	30
	4	4	30
Media uses & effects	4	4	30
Dissertation	8		

ESTER 2

Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
70	100	2.5
70	100	2.5
70	100	2.5
70	100	2.5
	200	

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Department of Social Work							
Semester - 1/2/3/4							
Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Practical / Viva Mark	Total Marks
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30	70		100
M.S.W.Sem.I							
1601510102010100	Social work History Concept & As a Profession	4	4	30	70		100
1601510102010200	Methods of Social Work- I	4	4	30	70		100
1601510102010300	Methods of Social Work- II	4	4	30	70		100
1601510202010100	Life Skills for Social Work Practice	4	4	30	70		100
	OR						
1601510202010100	Computer Application in Social Work	4	4	15	35	50	100
1601510502010100	Field Work Practice in Social Work	4	4	30	70		100
1601510602010100	Field Work (Two Days in Week)	6				150	150
M.S.W.Sem.II							

Duration of Semester End Exam in Hrs.
2.5
2.5
2.5
2.5
2.5
1.5
2.5

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination
CCT-01	Advanced Experimental Psychology Theory	4	4	30
CCT-02	Research process in psychology	4	4	30
CCT-03	Introduction to cognitive psychology	4	4	30
ECT-01	Health psychology	4	4	30
ECT-01	Advanced social psychology	4	4	30
ECT-02	Basic psychology of emotion	4	4	30
ECT-02	psychology of adolescence	4	4	30
CCT-04	practical psychology	4	4	30
CCT-04	counselling psychology	4	4	30
CCT-05	Statistics in psychology	4	4	30
CCT-06	theories of cognitive psychology	4	4	30
ECT-03	Rehabilitation psychology	4	4	30
ECT-03	Psychology of indian problem	4	4	30

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

M.A. Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30
CCT-01 - 1601010102010100	BHASHA SAHITY KAUSHALAY	4	4	30
CCT-02 - 1601010102010200	BHASHA VIGYAN	4	4	30
CCT-03 - 1601010102010300	GRANTHKARNO ABHYAS : (MADHYKALIN) SHAMAL	4	4	30
ECT-01 - 1601010202010101	SAHITYSWARUP NO ABHYAS : (NATAK)	4	4	30
ECT-01 - 1601010202010102	LOKVIDHYA VIGYAN	4	4	30
ICT-01 - 1601010502010100	BHARTIY SAHITY : PRASHIST KRUTIO	4	4	30

CCT-04 - 1601010102020400	SAHITY ANE ADHUNIKTA	4	4	30
CCT-05 - 1601010102020500	GUJARATI BHASHAVICHAR	4	4	30
CCT-06 - 1601010102020600	GANTHKARNO ABHYAS : (AVRVACHIN) RAGHUVIR CHAUDHARI	4	4	30
ECT-02 - 1601010202020201	SAMKALIN SAHITY (OPTIONAL)	4	4	30
ECT-02 - 1601010202020202	LOKSAHITYNA SWARUPONI CHARCHA (OPTIONAL)	4	4	30
ICT-02 - - 1601010502020200	VIVECHANNA VIVIDH ABHIGAMO	4	4	30
CCT-07 - 1601010102030700	BHARTIY SAHITY MIMANSA	4	4	30
CCT-08 - 1601010102030800	BHARTIYATA ANE BHARTIY SAHITY	4	4	30
CCT-09 - 1601010102030900	GUJARATI VIVECHANNI PARAMPARA	4	4	30
ECT-03 - 1601010202030301	SAHITY ANE FILM (OPTIONAL)	4	4	30
ECT-03 - 1601010202030302	LOKSAHITYNA SANSHODHAKO ANE SampadAkona ABHYAS (OPTIONAL)	4	4	30

ECT-04 - 1601010302030101	JAINSAHITY ANE SANT SANTSAHITY (OPTIONAL)	4	4	30
ECT-04 - 1601010302030102	GANDHIYAN SAHITY ANE GANDHI PRABHAVIT SAHITY (OPTIONAL)	4	4	30
CCT-10 - 1601010102041000	PASCHATAY SAHITY MIMANSA	4	4	30
CCT-11 - 1601010102041100	VISHVSAHITY	4	4	30
CCT-12 - 1601010102041200	AADHUNIK GUJARATI SAHITY	4	4	30
ECT-05 - 1601010202040401	NARIVAD ANE GUJRATI SAHITY (OPTIONAL)	4	4	30
ECT-05 - 1601010202040402	CHARANI SAHITY (OPTIONAL)	4	4	30
ECT-06 - 1601010302040201	TULNATMAK SAHITY	4	4	30
ECT-06 - 1601010302040202	KOS VIGYAN	4	4	30

M.Phil. Semester - 1/2

CCT-01 - 1601010103010100	SANSHODHAN PADDHATISASHTRA	4	4	30
------------------------------	----------------------------	---	---	----

CCT-02 - 1601010103010200	VIVECHNNA NUTAN PRAVAHO	4	4	30
ECT - 01 - 1601010203020301	GUJRATI SAHITY-SANSHODHKONU PRADAN	4	4	30
ECT - 01 - 1601010203020302	GUJARATI SAHITY-SANSHODHAN GRANTHO	4	4	30

70	100	2.5	2
70	100	2.5	2
70	100	2.5	2
70	100	2.5	2
70	100	2.5	2
70	100	2.5	2
70	100	2.5	3
70	100	2.5	3
70	100	2.5	3
70	100	2.5	3
70	100	2.5	3

70	100	2.5	3
70	100	2.5	3
70	100	2.5	4
70	100	2.5	4
70	100	2.5	4
70	100	2.5	4
70	100	2.5	4
70	100	2.5	4
70	100	2.5	4
70	100	2.5	4

70	100	2.5	1
----	-----	-----	---

70	100	2.5	1
70	100	2.5	2
70	100	2.5	2

SEMESTER – I

Course Code	Title of the Course	Credits	Theory	Practical	Examination Marks		Total Marks	Duration of Exam.
					Ext.	Int.		
CCT-01	Foundation of Library & Information Science	3	100	--	70	30	100	2.5 Hrs.
CCT-02	Library Management	3	100	--	70	30	100	2.5 Hrs.
CCT-03	Knowledge Organisation & Processing - 1	3	100	--	70	30	100	2.5 Hrs.
ECT-01	Library Development OR Library Education	3	100	--	70	30	100	2.5 Hrs.
PC-01	Library Classification & Cataloguing Practical -1	4	--	100	70	30	100	2.5 Hrs.
ICT-01	Information Skills	4	100	--	70	30	100	2.5 Hrs.
	TOTAL FOR SEMESTER – 1	20	500	100	420	180	600	

SEMESTER - II

CCT-04	Information Sources	3	100	--	70	30	100	2.5 Hrs.
CCT-05	Information Services	3	100	--	70	30	100	2.5 Hrs.
CCT-06	Computer Applications	3	100	--	70	30	100	2.5 Hrs.
CCT-07	Knowledge Organisation & Processing - 2	4	100	--	70	30	100	2.5 Hrs.
ECT-02	User Studies OR School Librarianship	3	100	--	70	30	100	2.5 Hrs.
PC-02	Library Classification & Cataloguing Practical-2	4	--	100	70	30	100	2.5 Hrs.
	TOTAL FOR SEMESTER – 2	20	500	100	420	180	600	
	TOTAL FOR SEMESTER 1 AND 2	40	1000	200	840	360	1200	

Course Structure and Scheme of Examinations
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week
PEC 1001	Philosophical foundation of Physical education	4	4
PEC 1002	Health Education	4	4
PEC 1003	Research Method in Physical education	4	4
PEE 1004	Sports Sociology	4	4
PEE 1005	Yoga and Naturopathy	4	4
PEP 1006	Athletics Skill Test – Running (Any two out of Stances, Strides and Finish Skill in running event) (Technical)	4	4
PEP 1007	Skill Test of the Games –	4	4
	Table Tennis, Badminton, Kabaddi, Kho-Kho.(Any two)		
PEP 1008	Motor Fitness Test :	4	4
	50 yard Dash Run, Standing Broad Jump, Pull ups,		
	25 mts. Shuttle run,		

ation
CS)

Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
30	70	100	
30	70	100	
30	70	100	
30	70	100	
30	70	100	
30	70	100	
30	70	100	
30	70	100	

**Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)**

Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination
CC-1	RESEARCH METHODOLOGY-I	4	4	30	70
practical	*Research proposal	1	2		25
CC-2	Sociological, Historical, political & Economic Prospective of Education	4	4	30	70
CC-3	Psychology of Learning and Development	4	4	30	70
practical	*psychology practical	1	2		25
cc-4	Educational Studies	4	4	30	70
practical	communication and expository writing	1	2	30	
practical	self development (yoga)	1	2	30	
CC-5	RESEARCH METHODOLOGY-II	4	4	30	70
CC-6	Teacher Education	4	4	30	70
CC-7	Curriculum Studies	4	4	30	70
cc-8	Philosophical perspectives of education	4	4	30	70
practical	Internship in teacher education institutions	2		30	
practical	communication and expository writing	1	2	30	
practical	Dissertation Related work	2		30	
CC-9	Methodology of educational Research-III	4	4	30	70
SPC-1	Specialization core course in secondary and higher secondary education-1	4	4	30	70
spc-2	Specialization core course in secondary and higher secondary education-2	4	4	30	70
practical	Internship in teacher education institutions	4		60	
practical	Dissertation Related work	2	4	30	
practical	Research Paper Presentation	1	2	30	
CC-10	Teacher Education-II	4	4	30	70
SPC-3	Curriculum and Assessment in secondary Education	4	4	30	70
SPC-4	Guidance and Counselling	4	4	30	70

	(Group-A) Psychology Testing				
	(Group-B)Statistical Methods for analysis				
SPCE-1	of data	4	4	30	70
practical	Dissertation	4	50(viva)		100
practical	Visit Education Institution	1		30	

Total Markes	Duratio n of Semeste r End Exam in Hrs.
-------------------------	----------------------------------------------------------------------------

100 25	2.5
-----------	-----

100	2.5
-----	-----

100 25	2.5
-----------	-----

100 30 30	2.5
-----------------	-----

100	2.5
-----	-----

100	2.5
-----	-----

100	2.5
-----	-----

100	2.5
-----	-----

30	
----	--

30	
----	--

30	
----	--

100	2.5
-----	-----

100	2.5
-----	-----

100	2.5
-----	-----

60	
----	--

30	
----	--

30	
----	--

100	2.5
-----	-----

100	2.5
-----	-----

100	2.5
-----	-----

100	2.5
150	
30	

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)
Semester - 1/2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination
CC-1	Advance Research Methodology in Education	4	4	30	70
CC-2	Philosophical and sociological foundations of education	4	4	30	70
EC-1	Curriculum development	4	4	30	70
D-1	dissertation				100
D-2	viva-voce				50
D-3	Preparation of research paper five	4		50	

Total Markes	Duration of Semester End Exam in Hrs.
-------------------------	----------------------------------------------------------

100	2.5
-----	-----

100	2.5
-----	-----

100	2.5
-----	-----

100	
-----	--

50	
----	--

50	
----	--

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30	70	100
M.Sc. Microbiology SEMESTER – I						
Micro - 101	Cell Biology (Core)	4	4	30	70	100
Micro - 102	Molecular Biology, Genetics & Evolution (Core)	4	4	30	70	100
Micro - 103	Biodiversity & Biosystematics (Core)	4	4	30	70	100
Micro - 104	Biostatistics and Bioinformatics** (Multidisciplinary / Interdisciplinary)	4	4	30	70	100
Micro - 105	Combined Practical	8	14			200
Micro – 106	Seminar / Tutorial Course* - 1	0	2			
M.Sc. Microbiology SEMESTER – II						
Micro - 207	Biochemistry	4	4	30	70	100
Micro - 208	Biotechnology & Immunology (Core)	4	4	30	70	100

Micro - 209	Environmental Science	4	4	30	70	100
Micro - 210	(Core) Analytical Techniques** (Multidisciplinary / Interdisciplinary)	4	4	30	70	100

Duration of Semester End Exam in Hrs.
2.5
2.5
2.5
2.5
2.5
2.5
2.5

2.5
2.5

**Subject
Code**

16081202010100
16080102010200
16080102010200 (P)
16080102010300
16080102010300 (P)
16080102010401
16080102010402
16080102010403
16081202010500
16081202010500 (P)

**Subject
Code**

16080102020100
16080102020200
16080102020200(P)
16081202020300
16080102020300 (P)
16081202020401
16080102020402
16080102020403
16081202020500
16081202020500 (P)

**Subject
Code**

16080102030100
16080102030100 (P)
16080102030200
16080102030200 (P)
16080102030300
16080102030300(P)
16081202030401
16080102030402
16080102030403
16081202030500

**Subject
Code**

16080102040100
16080102040100 (P)
16080102040200
16080102040300
16080102040300(P)
16080102040401
16080102040402
16080102040403
16081202040500
16081202040500(P)

16081202040500(D)

Instructions:No. of papers:

**Course Structure and Scheme
For Choice based Credit**

Title of the Course	Course Credits	No. of Hrs. Per Week
Research Methods	4	4
Advanced Nutritional Biochemistry	4	4
Advanced Nutritional Biochemistry (Pra)	2	4
Methods of Investigation	4	4
Methods of Investigation (Pra)	2	4
Geriatric Nutrition		
Public Health Nutrition		
Food Packaging	2	2
Clinical and Therapeutic Nutrition	4	4
Clinical and Therapeutic Nutrition (Pra)	2	4
Total	24	30

**Department of
Course Structure and Scheme
For Choice based Credit**

Title of the Course	Course Credits	No. of Hrs. Per Week
Maternal and Child Nutrition	4	4
Advanced Nutrition - I	4	4
Advanced Nutrition – I (Pra)	2	4
Food Science & Technology	4	4
Food Science & Technology (Pra)	2	4
Nutrition for Health and Fitness		
Nutritional Epidemiology		2
Food product development and Marketing	2	2
Statistics	4	4
Computer Application (Pra)	2	4
Total	24	30

**Course Structure and Scheme
For Choice Based Credit**

Title of the Course	Course Credits	No. of Hrs. Per Week
Institutional Food Administration	4	4
Institutional Food Administration (Pra)	2	4
Advanced Food Microbiology	4	4
Advanced Food Microbiology (Pra)	2	4
Advanced Human Physiology	4	4
Instrumentation for Food Analysis (Pra)	2	2
Dietetic techniques and patient counseling		
Management of Nutrition programme		
Food Toxicology	2	2
Scientific Writing	4	4
Total	24	30

**Course Structure and Scheme
For Choice Based Credit**

Title of the Course	Course Credits	No. of Hrs. Per Week
Food Processing and Technology	4	4
Food Processing and Technology (Pra)	2	4
Advanced Nutrition – II	4	4
Food Safety and Quality Control	4	4
Food Safety and Quality Control (Pra)	2	4
Nutrition in Critical Care		
Current Trends in Public Nutrition		
Current Trends in Foods & Nutrition	2	2
Assessment of Nutritional Status	4	4
Assessment of Nutritional Status (Pra)	2	4
Dissertation Of 150 marks instead of 16081202040500 and 16081202040500(P)		
Total	24	30

: 05 per semester; Elective: Select any one paper from three electives; Paper Style: For 75 marks/4 Cr

Department of Home Science, Saurashtra University, Rajkot
 e of Examination
 dit System

Fods & Nutrition Sem-I

Internal Examination	End Examination	Marks Exam in Hrs.	
30	70	100	2.5
30	70	100	2.5
0	50	50	5
30	70	100	2.5
0	50	50	5
15	35	50	1.5
30	70	100	2.5
0	50	50	5
135	465	600	

Department of Home Science, Saurashtra University, Rajkot
 e of Examination
 dit System

Fods & Nutrition Sem-II

Internal Examination	End Examination	Marks Exam in Hrs.	
30	70	100	2.5
30	70	100	2.5
0	50	50	5
30	70	100	2.5
0	50	50	5
15	35	50	1.5
30	70	100	2.5
0	50	50	5
135	465	600	

Department of Home Science, Saurashtra University, Rajkot
 Mode of Examination
 Credit System

Fods & Nutrition Sem-III

Internal Examination	End Examination	Total Marks	Exam in Hrs.
30	70	100	2.5
0	50	50	5
30	70	100	2.5
0	50	50	2.5
30	70	100	2.5
0	50	50	5
			1.5
15	35	50	1.5
30	70	100	5
135	465	600	

Department of Home Science, Saurashtra University, Rajkot
 Mode of Examination
 Credit System

Semester-IV

Fods & Nutrition Sem-IV

Internal Examination	End Examination	Marks Exam in Hrs.	
30	70	100	2.5
0	50	50	5
30	70	100	2.5
30	70	100	2.5
0	50	50	5
15	35	50	1.5
30	70	100	2.5
0	50	50	5
	50 for Viva-voce 100 Report	150	
135	465	600	

edits, total no. of question 06 among Question no.-1 is compulsory and is short question of 16 marks, and attempt

ts any 03 from the rest. For 35 marks/2 credits, total no. of question 05 among Question no.-1 is compulsory

and is short question of 11 marks, and attempts any 02 from the rest. Total Theory Marks: 450; Total Practic:

asl Marks: 150; Overall Passing Standard: 40%

Subject Code	Title of the Course
16081202010100	Research Methods
16080202010200	Extension Management & Media Production
16080202010200(P)	Extension Management & Media Production (Pra)
16080202010300	Entrepreneurship and Marketing Management
16080202010300(P)	Entrepreneurship and Marketing Management (Pra)
16080202010401	Maternal Nutrition
16080202010402	Residential Interior Space Design
16080202010403	Gender and Development
16080202010404	Textile Chemistry
16080202010405	Rural Development
16081202010500	Clinical and Therapeutic Nutrition
16081202010500(P)	Clinical and Therapeutic Nutrition (Pra)
	Total

Subject Code	Title of the Course
16080202020100	Care of elderly
16080202020200	Apparel and Textile Design
16080202020200(P)	Apparel and Textile Design (Pra)
16081202020300	Food Science
16081202020300	Food Science pra
16081202020401	Nutrition for Health & Fitness
16080202020402	Consumer information and redressal
16080202020403	Child and Human Rights
16080202020404	Color Science and Instrumentation
16080202020405	Programme Design and Evaluation
16081202020500	Statistics
16081202020500(P)	Computer Application (Pra)
Total	

Subject Code	Title of the Course
16080202030100	Development Communication
16080202030100P	Development Communication (Pra)
16080202030200	Dyeing and Printing
16080202030200P	Dyeing and Printing (Pra)
16080202030300	Care of Children with Disability and illness
16080202030300P	Care of Children with Disability and illness (Pra)
16081202030401	Dietetic techniques and patient counseling
16080202030402	Ergonomics
16080202030403	Sustainable Development

16080202030404	Fashion Retailing
16080202030405	Guidance of Counseling
16081202030500	Scientific Writing

Subject Code	Title of the Course
16080202040100	Communication Technologies in Extension
16080202040100(P)	Communication Tech. in Extension (Pra)
16080202040200	Institutinal Management
16080202040300	Advance Apparel and Fashion Design
16080202040300(P)	Advance Apparel and Fashion Design (Pra)
16080202040401	Public Nutrition
16080202040402	Human Resource Management
16080202040403	Environment Management
16080202040404	Textile Testing and Quality Control
16080202040405	Family and Child Welfare
16081202040500	Assessment of Nutritional Status
16081202040500(P)	Assessment of Nutritional Status (Pra)
16081202040500(D)	Dissertation Of 150 marks instead of 16081202040500 and 16081202040500(P)

Total

Instructions:No. of papers: 05 per semester; Elective: Select any

Department of Home Science, Saurashtra University, Rajkot
Course Structure and Scheme of Examination
For Choice bBased Credit System
General Home Science Sem-I

Course Credits	No. of Hrs. Per Week	Internal Examination
4	4	30
4	4	30
2	4	---
4	4	30
2	4	---
2	2	15
4	4	30
2	4	---
24	30	135

Department of Home Science, Saurashtra University, Rajkot
Course Structure and Scheme of Examination
For Choice bBased Credit System

General Home Science Sem-II

Course Credits	No. of Hrs. Per Week	Internal Examination
4	4	30
4	4	30
2	4	---
4	4	30
2	4	0
2	2	15
4	4	30
2	4	---
24	30	135

Department of Home Science, Saurashtra University, Rajkot

Course Structure and Scheme of Examination

For Choice bBased Credit System

General Home Science Sem-III

Course Credits	No. of Hrs. Per Week	Internal Examination
4	4	30
2	4	---
4	4	30
2	4	---
4	4	30
2	4	---
2	2	15

4	4	30
24	30	135

Department of Home Science, Saurashtra University, Rajkot
Course Structure and Scheme of Examination
For Choice bBased Credit System
General Home Science Sem-IV

Course Credits	No. of Hrs. Per Week	Internal Examination
4	4	30
2	4	---
4	4	30
4	4	30
2	4	---
2	2	15
4	4	30
2	4	---
----	---	--
24	30	135

/ one paper from three electives; Paper Style: For 75 marks/4 Credits, total no. of question 06 an

**End
Examination**

**Total
Marks**

70	100
70	100
50	50
70	100
50	50
35	50
70	100
50	50
465	600

End Examination	Total Markes
70	100
70	100
50	50
70	100
50	50
35	50
70	100
50	50
465	600

End Examination	Total Markes
70	100
50	50
70	100
50	50
70	100
50	50
35	50

70	100
465	600

End Examination	Total Markes
70	100
50	50
70	100
70	100
50	50
35	50
70	100
50	50
50 for Viva-voce 100 Report	150
465	600

Long Question no.-1 is compulsory and is short question of 16 marks, an

**End
Exam in Hrs.**

2.5

2.5

5

2.5

5

1.5

2.5

5



**End
Exam in Hrs.**

2.5

2.5

5

2.5

5

1.5

2.5

5

**End
Exam in Hrs.**

2.5

5

2.5

5

2.5

5

1.5

2.5

**End
Exam in Hrs.**

2.5

5

2.5

2,5

5

1.5

2.5

5

d attempts any 03 from the rest. For 35 marks/2 credits, total no. of question 05 among Question no.-1 is co

mpulsory and is short question of 11 marks, and attempts any 02 from the rest. Total Theory Marks: 450; Tot

tal Practicasl Marks: 150; Overall Passing Standard: 40%

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30
M.A. Economics Sem-1		4	4	30
1901250102010100	Micro Economics-1	4	4	30
1901250102010200	Macro Economics-1	4	4	30
1901250102010300	Public Economics-1	4	4	30
1901250202010101	Managerial Economics: Theory	4	4	30
1901250202010102	Monetary Economics : Theory and Policy	4	4	30
1901250202010103	Industrial Economics-1	4	4	30
1901250202010104	Economics of Regional Development	4	4	30
1901250202010201	Economics of Demography-1	4	4	30
1901250202010202	Theories of Economic Growth	4	4	30
1901250202010203	Economics of Infrastructure-1	4	4	30
1901250202010204	History of Economic Thought	4	4	30
M.A. Economics Sem-2		4	4	30
1901250102020400	Micro Economics-2	4	4	30
1901250102020500	Macro Economics-2	4	4	30

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Programme Name	Subject Code	Title of the Course	Course Credits
M.A. SEM. 1	19010301021011	Prachin Hindi Kavya (Core)	4
M.A. SEM. 1	19010301021021	Hindi Sahitya ka Itihas (Aadikaal, Bhaktikaal, Ritikaal) (Core)	4
M.A. SEM. 1	19010301021031	Bhasha Vigyan (Saidhantik) (Core)	4
M.A. SEM. 1	19010301021041	Bharatiya Sahitya-1 (Inter Disciplinary)	4
M.A. SEM. 1	19010301021042	Hindi Mahila Lekhan	4
M.A. SEM. 1	19010301021043	Tulanatmak Sahitya (Saidhantik-1) (Inter Disciplinary)	4
M.A. SEM. 1	19010301021051	Vishisht Vidha Ka Adhyayan (Hindi Upanyas-1) (Elective-1)	4
M.A. SEM. 1	19010301021052	Drushya-Shravya Madhyam Lekhan (Elective-2)	4
M.A. SEM. 2	19010301022061	Bhartiya Hindi Kavya	4
M.A. SEM. 2	19010301022071	Hindi Sahitya ka Itihas (Adhunik Kaal)	4
M.A. SEM. 2	19010301022081	Hindi Bhasha (Vyavharik)	4
M.A. SEM. 2	19010301022091	Bharatiya Sahitya-2 (Inter Disciplinary)	4
M.A. SEM. 2	19010301022092	Hindi ka Dalit Sahitya (Inter Disciplinary)	4
M.A. SEM. 2	19010301022093	Tulanatmak Sahitya (Saidhantik-2) (Inter Disciplinary)	4
M.A. SEM. 2	19010301022101	Vishisht Vidha Ka Adhyayan (Hindi Upanyas-2) (Elective-1)	4
M.A. SEM. 2	19010301022102	Drushya-Shravya Madhyam Lekhan (Elective-2)	4
M.A. SEM. 3	19010301023111	Adhunik Hindi Kavya - 1	4
M.A. SEM. 3	19010301023121	Adhunik Hindi Gadhya (Katha-Sahitya-1)	4
M.A. SEM. 3	19010301023131	Bhartiya Kavya Shastra	4
M.A. SEM. 3	19010301023141	Prayojan Mulak Hindi -1	4
M.A. SEM. 3	19010301023142	Pravasi Hindi Sahtiya	4
M.A. SEM. 3	19010301023143	Tulanatmak Sahitya (Vyavharik-1)	4

M.A. SEM. 3	19010301023151	Rajbhasha Prashikshan-1	4
M.A. SEM. 3	19010301023152	Laghu Shodh-Prabandh-1 (Saidhantik)	4
M.A. SEM. 4	19010301024161	Aadhunik Hindi Kavya -2	4
M.A. SEM. 4	19010301024171	Aadhunik Hindi Gadhya (Katha-Sahitya-2)	4
M.A. SEM. 4	19010301024181	Paschatya Kavyashastra	4
M.A. SEM. 4	19010301024191	Prayojan Mulak Hindi -2	4
M.A. SEM. 4	19010301024192	Hindi ka Aadivasi Sahitya	4
M.A. SEM. 4	19010301024193	Tulanatmak Sahitya (Vyavharik-2)	4
M.A. SEM. 4	19010301024201	Rajbhasha Prashikshan-1	4
M.A. SEM. 4	19010301024202	Laghu Shodh-Prabandh-2 (Vyavharik)	4
M.Phil. Hindi Sem. 1	1601030103010101	Anusandhan ki Pravidhi Aur Prakriya	4
M.Phil. Hindi Sem. 1	1601030103010201	Hindi Sahitya ki Vaicharik Prushthbhoomi	4
M.PHIL. Hindi Sem. 2	1601030103020301	Hindi Sahitya ki Vividh Vidhaen	4
M.PHIL. Hindi Sem. 2	1601030103020302	Prashishth Sahityik Krutiyan	4
M.PHIL. Hindi Sem. 2	1601030103020401	Laghu Shodh-Prabandh Lekhan	4
M.Phil. Comp.Lite. Sem.1	1601030102010101	Anusandhan ki Pravidhi Aur Prakriya	4
M.Phil. Comp.Lite. Sem.1	1601030102010102	Tulanatmak Sahitya	4
M.Phil. Comp.Lite. Sem.2	1601030102020301	Anuvad : Siddhant aur Vyavyar	4
M.Phil. Comp.Lite. Sem.2	1601030102020302	Prashisht Sahityik Krutiyan	4
M.Phil. Comp.Lite. Sem.2	1601030102020401	Laghu Shodh-Prabandh Lekhan	4

***Note: Provided data is only for example, provide data in this formate.**

4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	Dessertation to be submitted		100	NA
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	Dessertation to be submitted		200	NA
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	30	70	100	2.5
4	Dessertation to be submitted		200	NA

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30	70	100	2.5

***Note: Provided data is only for example, provide data in this formate.**

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

DEPARTMENT OF LLM - HR & IHL Semester - 2 2019-2020

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
CLW-2001	Indian Constitutional Law : New Challenges Compulsory (Core Course-3)	6	6	0	100	100	3
ELW-2001 OR ELW-2002	Elective Course-2 Penology: Treatment of Offenders / Environment and International Legal Order	6	6	0	100	100	3
ELW-2003 Or ELW-2004	Elective Course-3 Juvenile Delinquency/ International Humanitarian Law and Refugee Law	6	6	0	100	100	3
ELW-2005 Or ELW-2006	Elective Course-4 Collective Violence and Criminal Justice System/Gender Justice Standard at International Law	6	6	0	100	100	3

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

DEPARTMENT OF LLM - HR & IHL Semester - 3 2019-2020

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
CLW-3001	Legal Education & Research Methodology Compulsory (Core Course-4)	6	6	0	100	100	3
CLW-3002	Compulsory (Core Course-5) Practical	6	6	0	100	100	3
ELW-3001 Or ELW-3002	Elective Course-5 Forensic Science /Protection and Enforcement of Human Rights in India	6	6	0	100	100	3
ELW-3003 Or ELW-3004	Elective Course-6 Privileged Class Deviance/ Human Rights of Disadvantaged groups : Problems and Issues in the Protection and Enforcement	6	6	0	100	100	3

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

DEPARTMENT OF LLM - HR & IHL Semester - 4 2019-2020

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
CLW-4001	Compulsory (Core Course-6) (Dissertation / Project Report Writing / Viva, Presentation	15=3	-	-	150+50	200	-

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

SEMESTER - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination
Semester-1					
1904010002010100	Law & Social Transformation in India	6		0	100
1904010002010200	Judicial Process	6		0	100
1904020202010300	Human Rights & Duties	6		0	100
1904020102010400	Forensic Science	6		0	100
	or				
1904020102010500	Law of Export Import Regulation	6		0	100
Semester-2					
1904010002020100	Indian Constitutional Law : New Challenges	6		0	100
1904020202020200	Penology : Treatment of Offenders	6		0	100
	or				
1904020102020300	Law of Industrial & Intellectual Property	6		0	100
1904020202020400	Juvenile Delinquency	6		0	100
	or				
1904020102020500	Prevention and Control of Pollution	6		0	100

1904020202020600	Collective Violence and Criminal Justice System	6		0	100
	or				
1904020202020700	Corporate Finance	6		0	100
	Semester-3				
1904010002030100	Legal Education & Research Methodology	6		0	100
1904010002030200	Legal Education & Research Methodology (Practical)	6		0	100
1904020202030300	Comparative Criminal Procedure	6		0	100
	or				
1904020102030400	Law of Insurance	6		0	100
1904020202030500	Privileged Class Deviance	6		0	100
	or				
1904020102030600	Banking Law	6		0	100
	Semester -4				
1904010002040000	Dissertation / Project Report Writing / Viva, Presentation	6	6	0	200

***Note: Provided data is only for example, provide data in this formate.**

Total Markes	Duration of Semester End Exam in Hrs.
100	3
100	3
100	3
100	3
100	3
100	3
100	3
100	3
100	3
100	3

100	3
100	3
100	3
100	3
100	3
100	3
100	3
100	3
200	30 minutes

M.Com. Semester-1 (Effective from June - 2016)

No.	Course/Paper Code	Course Type	Course/Paper Title	Credit	For Regular Students			For External Candidates	
					Internal Marks	University Exam Marks	University Exam Time	University Exam Marks	University Exam Time
1	16080002010100	Core	Business Research	4	30	70	2¼ Hours	100	3 Hours
2	16080002010200	Core	Managerial Economics	4	30	70	2¼ Hours	100	3 Hours
3	16080002010300	Core	Accounting for Management	4	30	70	2¼ Hours	100	3 Hours
4	16080002010400	Core	Financial Management & Policy	4	30	70	2¼ Hours	100	3 Hours
5	16080002010500	Core	Management of Self & Career	4	30	70	2¼ Hours	100	3 Hours

M.Com. Semester-2 (Effective from December - 2016)

No.	Course/Paper Code	Course Type	Course/Paper Title	Credit	For Regular Students			For External Candidates	
					Internal Marks	University Exam Marks	University Exam Time	University Exam Marks	University Exam Time
1	16080002020100	Core	Legal Aspects of Corporate Business	4	30	70	2¼ Hours	100	3 Hours
2	16080002020200	Core	International Business	4	30	70	2¼ Hours	100	3 Hours
3	16080002020300	Core	Corporate Financial Reporting	4	30	70	2¼ Hours	100	3 Hours
4	16080002020400	Core	Marketing Management	4	30	70	2¼ Hours	100	3 Hours
5	16080002020500	Core	Global Strategic Management	4	30	70	2¼ Hours	100	3 Hours

M.Com. Semester-3 (Effective from June - 2017)

No.	Course/Paper Code	Course Type	Course/Paper Title	Credit	For Regular Students			For External Candidates	
					Internal Marks	University Exam Marks	University Exam Time	University Exam Marks	University Exam Time
1	16080002030100	Core	Business Research Applications	4	30	70	2¼ Hours	100	3 Hours
2	16080002030200	Core	Advanced Corporate Accounting	4	30	70	2¼ Hours	100	3 Hours
Elective Course (Any One Group)									
Group 1			Accountancy						
3	16080002030301	Elective	Advanced Cost Accounting	4	30	70	2¼ Hours	100	3 Hours
4	16080002030401	Elective	Advanced Cost & Financial Accounting	4	30	70	2¼ Hours	100	3 Hours
5	16080002030501	Elective	Advanced Management Accounting	4	30	70	2¼ Hours	100	3 Hours
Group 2			Finance and Banking						
3	16080002030302	Elective	Indian Financial System	4	30	70	2¼ Hours	100	3 Hours
4	16080002030402	Elective	Security Analysis	4	30	70	2¼ Hours	100	3 Hours
5	16080002030502	Elective	Strategic Financial Management	4	30	70	2¼ Hours	100	3 Hours
Group 3			Marketing						
3	16080002030303	Elective	Integrated Marketing Communication & Brand Equity	4	30	70	2¼ Hours	100	3 Hours
4	16080002030403	Elective	Service Marketing	4	30	70	2¼ Hours	100	3 Hours
5	16080002030503	Elective	Supply Chain Management and Logistics	4	30	70	2¼ Hours	100	3 Hours
Group 4			Human Resource [HR]						
3	16080002030304	Elective	Human Resource Management	4	30	70	2¼ Hours	100	3 Hours
4	16080002030404	Elective	Management of Industrial Relations - I	4	30	70	2¼ Hours	100	3 Hours
5	16080002030504	Elective	Strategic Human Resource Management	4	30	70	2¼ Hours	100	3 Hours
Group 5			Statistics						
3	16080002030305	Elective	Advanced Business Statistics - 1	4	30	70	2¼ Hours	100	3 Hours
4	16080002030405	Elective	Advanced Business Statistics - 2	4	30	70	2¼ Hours	100	3 Hours
5	16080002030505	Elective	Advanced Business Statistics - 3	4	30	70	2¼ Hours	100	3 Hours

M.Com. Semester-4 (Effective from December - 2017)

No.	Course/Paper Code	Course Type	Course/Paper Title	Credit	For Regular Students			For External Candidates	
					Internal Marks	University Exam Marks	Internal Marks	University Exam Marks	Internal Marks
1	16080002040100	Core	Organizational Behaviour	4	30	70	2¼ Hours	100	3 Hours
2	16080002040200	Core	Financial Accounting for Managers	4	30	70	2¼ Hours	100	3 Hours
Elective Course (Any One Group)									
Group 1			Accountancy						
3	16080002040301	Elective	Advanced Cost & Management Accounting	4	30	70	2¼ Hours	100	3 Hours
4	16080002040401	Elective	Advanced Corporate Tax Accounting	4	30	70	2¼ Hours	100	3 Hours
5	16080002040501	Elective	International Accounting OR Research report	4	30	70	2¼ Hours	100	3 Hours
Group 2			Finance and Banking						
3	16080002040302	Elective	Risk Management	4	30	70	2¼ Hours	100	3 Hours
4	16080002040402	Elective	Portfolio Management & Evaluation	4	30	70	2¼ Hours	100	3 Hours
5	16080002040502	Elective	Financial Planning OR Research report	4	30	70	2¼ Hours	100	3 Hours
Group 3			Marketing						
3	16080002040303	Elective	International Marketing	4	30	70	2¼ Hours	100	3 Hours
4	16080002040403	Elective	Consumer Behaviour	4	30	70	2¼ Hours	100	3 Hours
5	16080002040503	Elective	Marketing Research OR Research report	4	30	70	2¼ Hours	100	3 Hours
Group 4			Human Resource [HR]						
3	16080002040304	Elective	Management of Industrial Relations - II	4	30	70	2¼ Hours	100	3 Hours
4	16080002040404	Elective	Human Resource Information System	4	30	70	2¼ Hours	100	3 Hours
5	16080002040504	Elective	Human Resource Development OR Research report	4	30	70	2¼ Hours	100	3 Hours
Group 5			Statistics						
3	16080002040305	Elective	Advanced Business Statistics – 4	4	30	70	2¼ Hours	100	3 Hours
4	16080002040405	Elective	Advanced Business Statistics – 5	4	30	70	2¼ Hours	100	3 Hours
5	16080002040505	Elective	Advanced Business Statistics – 6 OR Research report	4	30	70	2¼ Hours	100	3 Hours

M.Phil. Semester – 1 & 2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
1901070203020100	Research Methodology	4	4	30	70	100	2.5
1901070103010200	Theories of Evaluation	4	4	30	70	100	2.5
1901070203020101	Application of Indian Literary Approaches to Specific Texts	4	4	30	70	100	2.5
1901070203020102	Applying Western Theories to Specific Texts	4	4	30	70	100	2.5
1901070203020103	Cultural Studies	4	4	30	70	100	2.5
1901070103020300	Dissertation	8	4	50	150	200	2.5

Semster	Course Group	Course Title	Credit	Internal Marks	External Marks	Total Marks	Unique Code
I	COR-I-01	Research Methodology in history and historiography	4	30	70	100	1601180103010100
I	COR-I-02	The Age of Gandhi	4	30	70	100	1601180103010200
II	COR-II-03	History of Gujarat (Modern Period)(1857 - 1947)	4	30	70	100	1601180103020300
II	COR-II-04	Dissertation	8		200	200	1601180103020400

Semester 1

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Semester End Examination	Duration Of SEE in hrs.
18CMT – 10001	Advanced Topics in Algebra	4	4	100	2.5
18CMT – 10002	Combinatorics and Graph Theory	4	4	100	2.5
18CMT - 10003	Seminar and Problem Session	4	4	100	-
Total		12	12	300	

Semester 2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Semester End Examination	Duration Of SEE in hrs
18CMT – 20001	Some Topics in Algebraic Topology	4	4	100	2.5
18DMT – 20002	Dissertation	8 (4 for dissertation+ 4 for Viva-Voce)	8	200 (100 Marks for Dissertation and 100 Marks for Viva-Voce)	-
Total		12	12	300	

SEMESTER-1

COURSE	No. of hrs per Week	Credits	Marks		
			INT	EXT	TOTAL
Paper-1: Research Methodology in Physics	04	04	30	70	100
Laboratory Work & Dissertation: Part-1	18	06	-----	-----	NIL*
TOTAL:	22	10			100

*Dissertation will be finalized and assessed after completion of Sem-II

SEMESTER-2

COURSE	No. of hrs per week	Credits	Marks		
			INT	EXT	TOTAL
Paper-2: Advances in Physics	04	04	30	70	100
Laboratory Work & Dissertation: Part-2	18	06	-----	200	200
TOTAL:	22	10			300

Semester - I

No	Course Title	C	IM	EM	MPM EE	TMPM	TM
1	Elements of Business Research	4	30	70	28	40	100
2	Prospective of Finance	4	30	70	28	40	100
3	Functional Management Perspective	4	30	70	28	40	100
	Total	12	90	210			300

Semester – II

No	Course Title	C	Report	Viva Voce	Total Marks
1	Dissertation	8	100	100	200
	Total	8	100	100	200

Semestre-1							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C-101	Inorganic Chemistry	4	30	70	100	2.5	4
C-102	Organic Chemistry	4	30	70	100	2.5	4
C-103	Physical Chemistry	4	30	70	100	2.5	4
C-104	Analytical Chemistry	4	30	70	100	2.5	4
C-105	Practical	12	-	-	150	6	6
C-106	Viva voce	-	-	-	50		2
Total		28	120	280	600	16	24

Semestre-2							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C-201	Inorganic Chemistry	4	30	70	100	2.5	4
C-202	Organic Chemistry	4	30	70	100	2.5	4
C-203	Physical Chemistry	4	30	70	100	2.5	4
C-204	Analytical Chemistry	4	30	70	100	2.5	4
C-205	Practical	12	-	-	150	6	6
C-206	Viva voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-3 (PHYSICAL AND MATERIALS CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits

C(PM)-301	Advance Chromatographic Techniques	4	30	70	100	2.5	4
C(PM)-302	Electro Analytical Techniques	4	30	70	100	2.5	4
C(PM)-303	Macromolecular Physical Chemistry-II	4	30	70	100	2.5	4
C(PM)-304	Nuclear And Radio Chemistry Elective-I	4	30	70	100	2.5	4
	Electrochemistry Elective-II						
C(PM)-305	Practical	12	-	-	150	6	6
C(PM)-307	Viva voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-3 (PHARMA-ANALYTICAL CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C(PA)-301	Advance Chromatographic Techniques	4	30	70	100	2.5	4
C(PA)-302	Electro Analytical Techniques	4	30	70	100	2.5	4
C(PA)-303	Advances In Environmental Chemistry	4	30	70	100	2.5	4
C(PA)-304	Selected Topics In Analytical						
	Patent Laws And Case Studies						

C(PA)-305	practical/Disertation	12	-	-	150	6	6
C(PA)-306	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-3 (ORGANIC PHARMACEUTICAL CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C(OP)-301	Advance Chromatographic Techniques	4	30	70	100	2.5	4
C(OP)-302	Organic Synthesis-A Disconnecti on Approach	4	30	70	100	2.5	4
C(OP)-303	Heterocycli c Chemistry	4	30	70	100	2.5	4
C(OP)-304	Chemistry Of Natural Products Elective-I	4	30	70	100	2.5	4
	Synthetic Dyes And Pigments Elective-II						
C(OP)-305	practical	12	-	-	150	6	6
C(OP)-306	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-3 (INORGANIC CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits

C(I)-301	Advance Chromatographic Techniques	4	30	70	100	2.5	4
C(I)-302	Molecular Symmetry And Group Theory	4	30	70	100	2.5	4
C(I)-303	Advance Bioinorganic Chemistry	4	30	70	100	2.5	4
C(I)-304	Organometallic Compounds And Catalysis Elective-I	4	30	70	100	2.5	4
	Selected Topics In Inorganic Chemistry elective-II						
C(I)-305	practical	12	-	-	150	6	6
C(I)-306	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-4 (PHYSICAL AND MATERIALS CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C(PM)-401	Advance Spectroscopic Techniques	4	30	70	100	2.5	4
C(PM)-402	Instrumental Techniques	4	30	70	100	2.5	4
C(PM)-403	Chemistry Of Materials-I	4	30	70	100	2.5	4
C(PM)-404	Reaction Dynamics	4	30	70	100	2.5	4
	Chemistry Of Materials-II Elective-II						

C(PM)-405	Practical/ Dissertatio	12	-	-	150	6	6
C(PM)-406	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-4 (PHARMA-ANALYTICAL CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs . Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C(PA)-401	Advance Spectroscopic Techniques	4	30	70	100	2.5	4
C(PA)-402	Instrumental Techniques	4	30	70	100	2.5	4
C(PA)-403	Pharma Regulatory Affaires	4	30	70	100	2.5	4
C(PA)-404	Applied Analytical Chemistry Elective-I	4	30	70	100	2.5	4
	Selected Topics In Analytical Chemistry Elective-II						
C(PA)-405	Practical/ Dissertatio	12	-	-	150	6	6
C(PA)-406	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

Semestre-4 (ORGANIC PHARMACEUTICAL CHEMISTRY)

Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C(OP)-401	Advance Spectroscopic Techniques	4	30	70	100	2.5	4
C(OP)-402	Chemistry Of Synthetic Drugs	4	30	70	100	2.5	4
C(OP)-403	Stereochemistry	4	30	70	100	2.5	4
C(OP)-404	Advanced Stereo Chemistry Elective-I	4	30	70	100	2.5	4
	Advanced Medicinal Chemistry Elective-II						
C(OP)-405	Practical/ Dissertation	12	-	-	150	6	6
C(OP)-406	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24
Catalysis							

Semestre-4 (INORGANIC CHEMISTRY)							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
C(I)-401	Advance Spectroscopic Techniques	4	30	70	100	2.5	4
C(I)-402	Inorganic Spectroscopy	4	30	70	100	2.5	4
C(I)-403	Bonding In Complexes	4	30	70	100	2.5	4

C(I)-404	Coordination Chemistry Elective-I	4	30	70	100	2.5	4
	Catalysis Elective-II						
C(I)-405	Practical/ Dissertatio	12	-	-	150	6	6
C(I)-406	Viva Voce	-	-	-	50	-	2
Total		28	120	280	600	16	24

M.Sc. Semester-1

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.
MS-101	Basics of Statistical Methods	4	4	30	70	100	3
MS-102	Statistical Computing and Numerical Methods	4	4	30	70	100	3
MS-103	Statistical Inference Non-Parametric Test	4	4	30	70	100	3
MS-104	Probability and Distribution Theory	4	4	30	70	100	3
MS-105	Mathematical Statistics	4	4	30	70	100	3
MS-106	Practical	4	12	-	100	10	5
Total		24	32	150	450	600	20

M.Sc. Semester-2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.
MS-201	Data Warehousing and Data Mining	4	4	30	70	100	3
MS-202	Planning and Analysis of Industrial Experiment	4	4	30	70	100	3
MS-203	Applied Multivariate Analysis	4	4	30	70	100	3
MS-204	Sampling Techniques	4	4	30	70	100	3
MS-205	Base SAS Programming	4	4	30	70	100	3
MS-206	Practical	4	12	-	100	100	5

Total	24	32	150	450	600	20
-------	----	----	-----	-----	-----	----

M.Sc. Semester-3

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.
MS-301	Survival Analysis and Clinical Trials	4	4	30	70	100	3
MS-302	Industrial Statistics	4	4	30	70	100	3
MS-303	Optimizing Techniques	4	4	30	70	100	3
MS-304	Stochastic Process	4	4	30	70	100	3
MS-305	Applied Econometrics	4	4	30	70	100	3
MS-306	Practical	4	12	-	100	100	5
Total		24	32	150	450	600	20

M.Sc. Semester-4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.
MS-401	Project Viva	24	32	-	300	300	20
Total		24	32	-	300	300	20

The Course Structure of the M.Sc. (Physics) Program Semester-I to IV
M.Sc. Physics Four Semester course: Total Credits: 96 Total marks: 2400

Semester I	Course	No. of hrs/wk	Credits	Marks
THEORY (includes lectures, tutorials and assignments)	Core Theory Courses - 1 – 4	16	16	400
PRACTICAL S	Practical Course – 1 (includes experimental work, data analysis, library work and viva-voce preparation)	08	08	200
	Total	24	24	600

Semester II	Course	No. of hrs/wk	Credits	Marks
THEORY (includes lectures, tutorials and assignments)	Core Theory Courses - 5 – 8	16	16	400
PRACTICAL S	Practical Course – 2 (includes experimental work, data analysis, library work and viva-voce preparation)	08	08	200
	Total	24	24	600

Semester III	Course	No. of hrs/wk	Credits	Marks
THEORY (includes lectures, tutorials and assignments)	Core Theory Course - 9	04	04	100
	Core Theory Course - 10	04	04	100
	Elective Courses 1 - 2	08	08	200
PRACTICAL S	Practical Course – 3 (includes experimental work, data analysis, library work and viva-voce preparation)	08	08	200
	Total	24	24	600

Semester IV	Course	No. of hrs/wk	Credits	Marks
THEORY (includes lectures, tutorials and assignments)	Core Theory Course-11	04	04	100
	Core Theory Course-12	04	04	100
	Elective Courses 3 - 4	08	08	200
PRACTICAL S AND PROJECTS	Practical Course – 4 (includes Practicals and/or Project work)	08	08	200
	Total	24	24	600
	Total	96	96	2400

Semester 1

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
CMT – 1001	Algebra 1	4	4	30	70	100	2.5hrs
CMT – 1002	Real Analysis	4	4	30	70	100	2.5hrs
CMT – 1003	Topology 1	4	4	30	70	100	2.5hrs
CMT – 1004	Theory of Ordinary Differential Equations	4	4	30	70	100	2.5hrs
CMT – 1005	Seminar and Problem Session	4	4	-	100	100	-
EMT – 1001	Classical Mechanics 1	4	4	30	70	100	2.5hrs
Total		24				600	

Semester 2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
CMT – 2001	Algebra 2	4	4	30	70	100	2.5hrs
CMT – 2002	Complex Analysis	4	4	30	70	100	2.5hrs
CMT – 2003	Topology 2	4	4	30	70	100	2.5hrs
CMT – 2004	Methods in Partial Differential Equations	4	4	30	70	100	2.5hrs
CMT – 2005	Seminar and Problem Session	4	4	-	100	100	-
EMT – 2001	Classical Mechanics 2	4	4	30	70	100	2.5hrs
Total		24				600	

Semester 3

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
CMT – 3001	Prog. In C & Numerical Methods	4	4	30	70	100	3
CMT – 3002	Functional Analysis	4	4	30	70	100	3
CMT – 3003	Number Theory 1	4	4	30	70	100	3
CMT – 3004	Discrete Mathematics	4	4	30	70	100	3
EMT – 3011 OR EMT – 3021	Differential Geometry OR Sp. Theory of Relativity and Tensor Analysis	4	4	30	70	100	3
PMT – 3001	Practical (Comp. Applications)	4	8	-	100	100	3
Total		24				600	

Semester 4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration Of Semester end Exam in hrs.
CMT – 4001	Linear Algebra	4	4	30	70	100	3
CMT – 4002	Integration Theory	4	4	30	70	100	3
CMT – 4003	Number Theory 2	4	4	30	70	100	3
CMT – 4004	Graph Theory	4	4	30	70	100	3
EMT – 4011 OR EMT – 4021 OR EMT – 4031 OR EMT – 4041	Financial Mathematics OR General Theory of Relativity & Cosmology OR Commutative Ring Theory OR Introduction to Mathematical Cryptography	4	4	30	70	100	3

No.	Course Code	Type of Course	Course Title	C	IM	EM	TM
01	1601180102010100	Core	Elements of Historical Methods	04	30	70	100
02	1601180102010200	Core	World History(Ancient)	04	30	70	100
03	1601180102010300	Core	History of Modern World (1848 to 1930)	04	30	70	100
04	1601180202020101 or 1601180202020102	Elective	History of India(320 B.C. -1206 A.D.) or Women in Indian History	04	30	70	100
05	1601180302010201 or 1601180302010202	Elective	History of Tourism in India and its Application or Management in Tourism	04	30	70	100
TOTAL CREDITS				20			

Structure to be prepared in the Beginning of the Syllabus for Semester-01

Structure to be prepared in the Beginning of the Syllabus for Semester-02
Year-2016

No.	Course Code	Type of Course	Course Title	C	IM	EM	TM
-----	-------------	----------------	--------------	---	----	----	----

06	1601180102020400	Core	Historiography	04	30	70	100
07	1601180102020500	Core	World History (Medieval & Early Modern)	04	30	70	100
08	1601180102020600	Core	History of Modern World (1930 to 2000 A.D.)	04	30	70	100
09	1601180202020201 or 1601180202020202	Elective	History of India (1206 to 1526 A.D.) OR History of India (1526 to 1757 A.D.)	04	30	70	100
10	1601180302020301 or 1601180302020302	Elective	Constitutional History of India (1858 to 1950 A.D.) OR Peasant and Tribal Movement in Colonial India 1757-1947 A.D.	04	30	70	100
			Total Credits	20			

Structure to be prepared in the Beginning of the Syllabus for Semester-03
Year-2016

No.	Course Code	Type of Course	Course Title	C	IM	E M	TM
11	1601180102030700	Core	History of Saurashtra (Political) (1807 to 1948 A.D.)	04	30	70	100
12	160118010203080	Core	State in India (Ancient, Medieval)	04	30	70	100

	0						
13	160118010203090 0	Core	History of India (1757 to 1857 A.D.)	04	30	70	100
14	160118020203030 1 or 160118020203030 2	Elective	Economic History of India or An Out line of Indian Archeology and Epigraphy	04	30	70	100
15	160118030203040 1 or 160118030203040 2	Elective	Politics in India (1947 to 1971 A.D.) or Social and Religious Reforms Movement in India	04	30	70	100
			TOTAL CREDITS	20			

Saurashtra University
System Annexure 'B'

New Syllabus of CBCS

Structure to be prepared in the Beginning of the Syllabus for Semester-04
Year-2016

No	Course Code	Type of Course	Course Title	C	I M	E M	T M
16	1601180102041000	Core	History of Saurashtra (Economic,	0 4	30	70	100

			Social and Cultural 1807 to 1948 A.D.)				
17	1601180102041100	Core	State in India (Modern)	04	30	70	100
18	1601180102041200	Core	History of Freedom Movement in India	04	30	70	100
19	1601180202040401 or 1601180202040402	Elective	Economic History of India OR An out line of Indian Numismatics, Museology and Archives	04	30	70	100
20	1601180302040401 or 1601180302040402 or 1601180302040403	Elective	Social and Economic History of India (1947 to 1971 A.D.) OR Social and Religious Reform Movement in India OR Constructive Activities and Institutions in Gujarat during 20 th Century.	04	30	70	100
			TOTAL CREDITS	20			

SEMESTER – I

Course Code	Title of the Course	Credits	Theory	Practical	Examination Marks		Total Marks	Duration of Exam.
					Ext.	Int.		
CCT-01	Information and Communication	4	100	--	70	30	100	2.5 Hrs.
CCT-02	Library Automation & Networking	4	70	30	70	30	100	2.5 Hrs.
CCT-03	Research Methods & Statistical Techniques	4	100	--	70	30	100	2.5 Hrs.
ECT-01	Information Sources, Services & Systems in Humanities & Social Science OR Science & Technology	4	70	30	70	30	100	2.5 Hrs.
ICT-01	Information Systems & Products	4	100	--	70	30	100	2.5 Hrs.
	TOTAL FOR SEMESTER – 1	20	440	60	350	150	500	

SEMESTER – II

CCT-06	Information Processing & Retrieval	4	70	30	70	30	100	2.5 Hrs.
CCT-07	Information Technology Application	4	100	--	70	30	100	2.5 Hrs.
CCT-08	Management of Lib & Info Centres	4	100	--	70	30	100	2.5 Hrs.
ECT-02	Academic Library System & Services OR Industrial Library System & Services OR Health Sciences Library System & Services	4	100	--	70	30	100	2.5 Hrs.
ECT-03	Dissertation OR Project work	4	70	30	70	30	100	2.5 Hrs.
	TOTAL FOR SEMESTER – 2	20	440	60	350	150	500	
	TOTAL FOR SEMESTER 1 AND 2	40	880	120	700	300	1000	

M.phil. Semes			
Subject Code	Title of Paper	Course Credits	No. of Hrs. Per Week
SMT-1001	Applied Statistics and Statistical Computing With R	4	4
SMT-1002	Practical: Data Analysis using SPSS and R-Programming (Practical based on SMT-1001)	8	8
Total		12	12

M.phil. Semes			
Subject Code	Title of Paper	Course Credits	No. of Hrs. Per Week
MS-2001	Dissertation and Viva	12	12
Total		12	12

ster - 1

Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester end Exam in Hrs.
-	100	100	3 hrs
-	100	100	3 * 2 = 6 hrs
	200	200	9

ster - 2

Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.
-	200	200	-
-	200	200	-

Subject Code	Title of Paper	Course Credits	No. of Hrs. Per Week
Core-1	Bio-Statistics	4	4
Core-2	Preventive Medicine	4	4
Core-3	Health Care Administrative	4	4
Foundation-1	Managing People & Organization	4	4
Elective-1	Labour Law	2	2
Elective-2	Computer & Information Sysytem	2	2
Total		20	20

Subject Code	Title of Paper	Course Credits	No. of Hrs. Per Week
Core-1	Operations Research	4	4
Core-2	Finance of Hospital	4	4
Core-3	Hospital Supportive & Utility Services	4	4
Foundation-1	Hospital Administration	4	4
Elective-1	Technical Commnication	2	2
Elective-2	Project & Viva	2	2
Total		20	20

ics

- 1

Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester end Exam in Hrs.
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
180	420	600	15

- 2

Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
30	70	100	2.5
180	420	600	15

Semestre-1							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
PGDI-101	Basic Concepts Of Pharmaceutical And Chemical Analysis	4	30	70	100	2.5	4
PGDI-102	Separation Sciences And Hyphenated Techniques For Pharmaceutical And Other Analysis	4	30	70	100	2.5	4
Total		8	60	140	200	5	8

Semestre-2							
Paper No.	Title of Paper	No. of Hrs. Per week	Weightage For Internal Examination	Weightage For Semester end Examination	Total Marks	Duration of Semester end Exam in Hrs.	Course Credits
PGDI-201	Advanced Spectroscopic And Thermal Methods Of Analysis For Pharma And Chemical Products	4	30	70	100	2.5	4

PGDI-202	IPR, Patent, Documentation, Statutory And Regulatory Affairs	4	30	70	100	2.5	4
PGDI-203	Project Work/Dissertation	12	-	-	150	6	6
PGDI-204	VIVA-VOICE	-	-	-	50	-	2
Total		8	60	140	400	11	12

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
Course code	Course name	4	4	30	70	100	2.5
2016-17	M.A.SEM.1	4	4	30	70	100	2.5
16 01 21 02 02 01 01 00	CLASSICAL INDIAN PHILOSOPHY - I	4	4	30	70	100	2.5
16 01 21 02 02 01 02 00	CLASSICAL INDIAN PHILOSOPHY - II	4	4	30	70	100	2.5
16 01 21 02 02 01 03 00	CONTEMPORARY INDIAN THINKS	4	4	30	70	100	2.5
16 01 21 02 02 01 04 00	ETHICS (INDIAN)	4	4	30	70	100	2.5
16 01 21 02 02 01 04 00	PHILOSOPHY OF YOGA	4	4	30	70	100	2.5
16 01 21 02 02 01 05 00	PHILOSOPHY OF RELIGION	4	4	30	70	100	2.5
16 01 21 02 02 01 05 00	VEDANT TRADITION AND SWAMINARAYAN VEDANT	4	4	30	70	100	2.5
2016-17	M.A.SEM.2	4	4	30	70	100	2.5
16 01 21 02 02 02 01 00	CLASSICAL WESTERN PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 02 02 00	MODERN WESTERN PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 02 03 00	SYMBOLIC LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 02 04 00	MATHEMATICAL LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 02 04 00	ETHICS (WESTERN)	4	4	30	70	100	2.5
16 01 21 02 02 02 05 00	PHILOSOPHY OF RUDOLF CAR NAP	4	4	30	70	100	2.5
16 01 21 02 02 02 05 00	CONTEMPORARY WESTERN PHILOSOPHY	4	4	30	70	100	2.5
		4	4	30	70	100	2.5

***Note: Provided data is only for example, provide data in this formate.**

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)
Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
Course code	Course name	4	4	30	70	100	2.5
2017-18	M.A.SEM.3	4	4	30	70	100	2.5
16 01 21 02 02 03 01 00	EPISTEMOLOGY (INDIAN & WESTERN)	4	4	30	70	100	2.5
16 01 21 02 02 03 02 00	METAPHYSICS (INDIAN & WESTERN)	4	4	30	70	100	2.5
16 01 21 02 02 03 03 00	PHILOSOPHY OF LANGUAGE (INDIAN)	4	4	30	70	100	2.5
16 01 21 02 02 03 04 00	INDIAN LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 03 04 00	ADVANCED SYMBOLIC LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 03 05 00	ESSENTIALS OF INDIAN PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 03 05 00	FOUNDAATIONAL OF SET THEORY AND MATHEMATICAL LOGIC	4	4	30	70	100	2.5
2017-18	M.A.SEM.4	4	4	30	70	100	2.5
16 01 21 02 02 04 01 00	ANALYTIC PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 04 02 00	PHILOSOPHY OF KANT	4	4	30	70	100	2.5
16 01 21 02 02 04 03 00	PHILOSOPHY SCIENCE	4	4	30	70	100	2.5
16 01 21 02 02 04 04 00	MANY - VALUED LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 04 04 00	PHILOSOPHY OF MATHEMATICS	4	4	30	70	100	2.5
16 01 21 02 02 04 05 00	SOCIAL POLITICAL PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 04 05 00	PHILOSOPHY OF PHYSICS AND COSMOLOGY	4	4	30	70	100	2.5
		4	4	30	70	100	2.5

***Note: Provided data is only for example, provide data in this formate.**

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
Course code	Course name	4	4	30	70	100	2.5
2016-17	M.A.SEM.1	4	4	30	70	100	2.5
16 01 21 02 02 01 01 00	CLASSICAL INDIAN PHILOSOPHY - I	4	4	30	70	100	2.5
16 01 21 02 02 01 02 00	CLASSICAL INDIAN PHILOSOPHY - II	4	4	30	70	100	2.5
16 01 21 02 02 01 03 00	CONTEMPORARY INDIAN THINKS	4	4	30	70	100	2.5
16 01 21 02 02 01 04 00	ETHICS (INDIAN)	4	4	30	70	100	2.5
16 01 21 02 02 01 04 00	PHILOSOPHY OF YOGA	4	4	30	70	100	2.5
16 01 21 02 02 01 05 00	PHILOSOPHY OF RELIGION	4	4	30	70	100	2.5
16 01 21 02 02 01 05 00	VEDANT TRADITION AND SWAMINARAYAN VEDANT	4	4	30	70	100	2.5
2016-17	M.A.SEM.2	4	4	30	70	100	2.5
16 01 21 02 02 02 01 00	CLASSICAL WESTERN PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 02 02 00	MODERN WESTERN PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 02 03 00	SYMBOLIC LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 02 04 00	MATHEMATICAL LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 02 04 00	ETHICS (WESTERN)	4	4	30	70	100	2.5
16 01 21 02 02 02 05 00	PHILOSOPHY OF RUDOLF CAR NAP	4	4	30	70	100	2.5
16 01 21 02 02 02 05 00	CONTEMPORARY WESTERN PHILOSOPHY	4	4	30	70	100	2.5
		4	4	30	70	100	2.5

***Note: Provided data is only for example, provide data in this formate.**

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)
Semester - 1/2/3/4

Example

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
Course code	Course name	4	4	30	70	100	2.5
2017-18	M.A.SEM.3	4	4	30	70	100	2.5
16 01 21 02 02 03 01 00	EPISTEMOLOGY (INDIAN & WESTERN)	4	4	30	70	100	2.5
16 01 21 02 02 03 02 00	METAPHYSICS (INDIAN & WESTERN)	4	4	30	70	100	2.5
16 01 21 02 02 03 03 00	PHILOSOPHY OF LANGUAGE (INDIAN)	4	4	30	70	100	2.5
16 01 21 02 02 03 04 00	INDIAN LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 03 04 00	ADVANCED SYMBOLIC LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 03 05 00	ESSENTIALS OF INDIAN PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 03 05 00	FOUNDAATIONAL OF SET THEORY AND MATHEMATICAL LOGIC	4	4	30	70	100	2.5
2017-18	M.A.SEM.4	4	4	30	70	100	2.5
16 01 21 02 02 04 01 00	ANALYTIC PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 04 02 00	PHILOSOPHY OF KANT	4	4	30	70	100	2.5
16 01 21 02 02 04 03 00	PHILOSOPHY SCIENCE	4	4	30	70	100	2.5
16 01 21 02 02 04 04 00	MANY - VALUED LOGIC	4	4	30	70	100	2.5
16 01 21 02 02 04 04 00	PHILOSOPHY OF MATHEMATICS	4	4	30	70	100	2.5
16 01 21 02 02 04 05 00	SOCIAL POLITICAL PHILOSOPHY	4	4	30	70	100	2.5
16 01 21 02 02 04 05 00	PHILOSOPHY OF PHYSICS AND COSMOLOGY	4	4	30	70	100	2.5
		4	4	30	70	100	2.5

*Note: Provided data is only for example, provide data in this formate.

M. Phil. Biochemistry Semester 1

Course code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
Course 1 (Core)							
CBC 1	Research Methodology	5	5	-	Evaluation by the RAC of the Department based on assignments and/or seminar/presentations and theory examination conducted by Department	100	3
Course 2 (Elective, Any one)							
EBC 1	Concepts in Biochemistry	5	5	-	Evaluation by the RAC of the Department based on assignments and/or seminar/presentations and theory examination conducted by Department	100	3
EBC 2	Human Physiology & Clinical Biochemistry	5	5	-			
	Dissertation *	20	20	-	Evaluation by External and Internal examiners in a Viva-Voce. M.Phil. completion Notification and Certificate will be issued by Uni.	-	1

Semester 2

Course code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
	Dissertation*	20	20	-	Evaluation by External and Internal examiners in a Viva-Voce. M.Phil. completion Notification and Certificate will be issued by Uni.	-	1

Semester -1

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
Core							
CBC 1	Fundamentals of Biochemistry	4	4	30	70	100	2.5
CBC 2	Metabolism	4	4	30	70	100	2.5
CBC 3	Enzymology	4	4	30	70	100	2.5
Interdisciplinary							
IBC 1	Analytical Techniques	4	4	30	70	100	2.5
PBC 1	Practical	6	18	-	150	150	06
-	Assignment	2	2	-	50	50	-
Total		24				600	

Semester -2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
Core							
CBC 4	Cell Biology and Genetics	4	4	30	70	100	2.5
CBC 5	Human Physiology and Endocrinology	4	4	30	70	100	2.5
CBC 6	Molecular Biology	4	4	30	70	100	2.5
Interdisciplinary							
IBC 2	Bioinformatics and Biostatistics	4	4	30	70	100	2.5
PBC 2	Practical	6	18	-	150	150	06
-	Seminar	2	2	-	50	50	-
Total		24			600		

Semester -3

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
Core							
CBC 7	Immunology	4	4	30	70	100	2.5
CBC 8	Clinical and Nutritional Biochemistry	4	4	30	70	100	2.5
Elective (Any One)							
EBC 1	Microbial Biochemistry	4	4	30	70	100	2.5
EBC 2	Pharmaceutical Biochemistry and Regulatory affairs	4	4	30	70	100	2.5
EBC 3	Plant Biochemistry	4	4	30	70	100	2.5
PBC 3	Practical	8	18	-	200	200	06
-	Research article presentation	4	2	-	100	100	01
Total		24				600	

Semester -4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
Elective (Any One)							
EBC 3	Research Methodology	4	4	30	70	100	2.5
EBC 4	Animal Cell Tissue Culture	4	4	30	70	100	2.5
-	Project Work						
-	Dissertation work	20	30	-	500	500	01
Total		24				600	

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Semester - 1/2/3/4/5/6/7/8/9/10

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
	Sem-I						
0030491001	Foundation Course (Communication skills)	3	3	30	70	100	2.5
0030491002	Fundamental of Mathematics	6	6	30	70	100	2.5
0030491004	Applied Physics- I	6	6	30	70	100	2.5
0030491006	Applied Physics- II	6	6	30	70	100	2.5
0030491003	Fundamental of Mathematics- Practical	3	3	15	35	50	3
0030491005	Applied Physics- I - Practical	3	3	15	35	50	3
0030491007	Applied Physics- II - Practical	3	3	15	35	50	3
	Sem-II						
0030492001	Environmental Studies	3	3	30	70	100	2.5
0030492002	Applied Mathematics	6	6	30	70	100	2.5
0030492004	Modern Physics- I	6	6	30	70	100	2.5
0030492006	Basic Electronics	6	6	30	70	100	2.5
0030492003	Applied Mathematics - Practical	3	3	15	35	50	3
0030492005	Modern Physics- I - Practical	3	3	15	35	50	3

0030492007	Basic Electronics - Practical	3	3	15	35	50	3
	Sem-III						
0030493001	Non-Conventional Energy Resources	3	3	30	70	100	2.5
0030493002	Applied Electronics	6	6	30	70	100	2.5
0030493004	Basic Nuclear Physics	6	6	30	70	100	2.5
0030493006	Modern Physics- II	6	6	30	70	100	2.5
0030493003	Applied Electronics - Practical	3	3	15	35	50	3
0030493005	Basic Nuclear Physics - Practical	3	3	15	35	50	3
0030493007	Modern Physics- II - Practical	3	3	15	35	50	3
	Sem-IV						
0030494001	Modern Computational Techniques and Programming	3	3	30	70	100	2.5
0030494002	Applied Nuclear Physics	6	6	30	70	100	2.5
0030494004	Fundamental of Material Science	6	6	30	70	100	2.5
0030494006	Electrodynamics and Plasma Physics	6	6	30	70	100	2.5
0030494003	Applied Nuclear Physics - Practical	3	3	15	35	50	3
0030494005	Fundamental of Material Science - Practical	3	3	15	35	50	3
0030494007	Electrodynamics and Plasma Physics - Practical	3	3	15	35	50	3
	Sem-V						
0030495001	Statistical Physics	3	3	30	70	100	2.5

0030495002	Applied Electronics	6	6	30	70	100	2.5
0030495004	Applied Condensed Matter Physics	6	6	30	70	100	2.5
0030495006	Applied Physics Projects	6	6	30	70	100	2.5
0030495003	Statistical Physics - Practical	3	3	15	35	50	3
0030495005	Applied Electronics - Practical	3	3	15	35	50	3
0030495007	Applied Condensed Matter Physics - Practical	3	3	15	35	50	3
	Sem-VI						
0030496001	Elements of Nanoscience and Nanotechnology	6	6	30	70	100	2.5
0030496003	Experimental Techniques in Physics	6	6	30	70	100	2.5
0030496005	Digital communication and Electronics	6	6	30	70	100	2.5
0030496007	Applied Physics Projects	3	3	30	70	100	2.5
0030496002	Elements of Nanoscience and Nanotechnology - Practical	3	3	15	35	50	3
0030496004	Experimental Techniques in Physics - Practical	3	3	15	35	50	3
0030496006	Digital communication and Electronics - Practical	3	3	15	35	50	3
	Sem-VII						

0030497001	Mathematical methods in Physics	4	4	30	70	100	2.5
0030497003	Applied Quantum Mechanics	4	4	30	70	100	2.5
0030497005	Semiconductor Devices and Applications	4	4	30	70	100	2.5
0030497007	Advanced Materials and Applications	4	4	30	70	100	2.5
0030497009	General Practicals of Applied Physics-I	4	4	-	100	100	2.5
0030497010	General Practicals of Applied Physics-II	4	4	-	100	100	2.5
	Sem-VIII						
0030498001	Vacuum Technology and Thin film	4	4	30	70	100	2.5
0030498002	Nano materials -I: Synthesis and Types	4	4	30	70	100	2.5
0030498003	Signal Processing and Communication	4	4	30	70	100	2.5
0030498004	Advanced Experimental Techniques for Materials Characterization	4	4	30	70	100	2.5
0030498005	General Practicals of Applied Physics-I	4	4	-	100	100	2.5
0030498006	General Practicals of Applied Physics-II	4	4	-	100	100	2.5
	Sem-IX						

New approved syllabus	Nano Materials –II: Properties and Applications	4	4	30	70	100	2.5
New approved syllabus	Numerical Techniques for computational Analysis	4	4	30	70	100	2.5
New approved syllabus	One from Elective Groups A, B, C, D	4	4	30	70	100	2.5
New approved syllabus	One from Elective Groups A, B, C, D	4	4	30	70	100	2.5
New approved syllabus	Advanced Practicals of Applied Physics -I	4	4	-	100	100	2.5
New approved syllabus	Advanced Practicals of Applied Physics -II	4	4	-	100	100	2.5
	Sem-X						
New approved syllabus	Nano structuring with Ion beams	4	4	30	70	100	2.5
New approved syllabus	Nano Technology and Environment	4	4	30	70	100	2.5
New approved syllabus	One from Elective Groups A, B, C, D	4	4	30	70	100	2.5
New approved syllabus	One from Elective Groups A, B, C, D	4	4	30	70	100	2.5

New approved syllabus	Experimental or Theoretical Projects related to Advanced Materials and Nano Materials (Project Work)	8	8	-	200	200	-
-----------------------	------------------------------------------------------------------------------------------------------	---	---	---	-----	-----	---

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

Department of Computer Science

MCA Semester -1

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week
---------------------	----------------------------	-----------------------	-----------------------------

Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
-------------------------------------------------------	-----------------------------------------------------------	-------------------------	----------------------------------------------------------

Department of Pharmaceutical Sciences
Course structure and scheme for examination
Semester I

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP101 T	Human Anatomy and Physiology I – Theory	4	15	25	75	100	3 Hrs.
BP102 T	Pharmaceutical Analysis I – Theory	4	15	25	75	100	3 Hrs.
BP103 T	Pharmaceuticals I – Theory	4	15	25	75	100	3 Hrs.
BP104 T	Pharmaceutical Inorganic Chemistry – Theory	4	15	25	75	100	3 Hrs.
BP105 T	Communication skills – Theory *	2	10	15	35	50	1.5 Hrs.
BP106 RBT BP106 RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	10	15	35	50	1.5 Hrs.
BP107 P	Human Anatomy and Physiology – Practical	2	10	15	35	50	4 Hrs.
BP108 P	Pharmaceutical Analysis I – Practical	2	10	15	35	50	4 Hrs.
BP109 P	Pharmaceuticals I – Practical	2	10	15	35	50	4 Hrs.
BP110	Pharmaceutical Inorganic	2	10	15	35	50	4 Hrs.

P	Chemistry – Practical						
BP111 P	Communication skills – Practical *	20	10	10	15	25	2 Hrs.
BP113 P	Remedial Biology – Practical*	2	10	10	15	25	2 Hrs.

* Non University Examination (NUE)

Semester-II

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP201 T	Human Anatomy and Physiology II – Theory	4	3	25	75	100	3 Hrs.
BP202 T	Pharmaceutical Organic Chemistry I – Theory	4	3	25	75	100	3 Hrs.
BP203 T	Biochemistry – Theory	4	3	25	75	100	3 Hrs.
BP204 T	Pathophysiology – Theory	4	3	25	75	100	3 Hrs.
BP205 T	Computer Applications in Pharmacy – Theory *	3	3	25	50	75	2 Hrs.
BP206 T	Environmental sciences – Theory *	3	3	25	50	75	2 Hrs.
BP207 P	Human Anatomy and Physiology II – Practical	2	4	15	35	50	4 Hrs.
BP208 P	Pharmaceutical Organic Chemistry I–	2	4	15	35	50	4 Hrs.

	Practical						
BP209 P	Biochemistry – Practical	2	4	15	35	50	4 Hrs.
BP210 P	Computer Applications in Pharmacy – Practical*	1	2	10	15	25	2 Hrs.

*Non University Examination (NUE)

Semester III

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP301 T	Pharmaceutical Organic Chemistry II – Theory	4	3	25	75	100	3 Hrs.
BP302 T	Physical Pharmaceutics I – Theory	4	3	25	75	100	3 Hrs.
BP303 T	Pharmaceutical Microbiology – Theory	4	3	25	75	100	3 Hrs.
BP304 T	Pharmaceutical Engineering – Theory	4	3	25	75	100	3 Hrs.
BP305 P	Pharmaceutical Organic Chemistry II – Practical	2	4	15	35	50	4 Hrs.
BP306 P	Physical Pharmaceutics I – Practical	2	4	15	35	50	4 Hrs.
BP307 P	Pharmaceutical Microbiology – Practical	2	4	15	35	50	4 Hrs.
BP 308P	Pharmaceutical Engineering – Practical	2	4	15	35	50	4 Hrs.
BP 309T	Management Process and Organizational Behavior	3	3	25	75	100	3 Hrs.

Semester IV

Subject Code	Title of the Course	Courses	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP401 T	Pharmaceutical Organic Chemistry III– Theory	4	3	25	75	100	3 Hrs.
BP402 T	Medicinal Chemistry I – Theory	4	3	25	75	100	3 Hrs.
BP403 T	Physical Pharmaceutics II – Theory	4	3	25	75	100	3 Hrs.
BP404 T	Pharmacology I – Theory	4	3	25	75	100	3 Hrs.
BP405 T	Pharmacognosy and Phytochemistry I– Theory	4	3	25	75	100	3 Hrs.
BP406 P	Medicinal Chemistry I – Practical	2	4	15	35	50	4 Hrs.
BP407 P	Physical Pharmaceutics II – Practical	2	4	15	35	50	4 Hrs.
BP408 P	Pharmacology I – Practical	2	4	15	35	50	4 Hrs.
BP409 P	Pharmacognosy and Phytochemistry I – Practical	2	4	25	75	100	3 Hrs.
BP410 T	Micro and Macro Economics	3	3	25	75	100	3 Hrs.

Semester V

Subject Code	Title of the Course	Courses	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP501 T	Medicinal Chemistry II – Theory	4	3	25	75	100	3 Hrs.
BP502 T	Industrial PharmacyI– Theory	4	3	25	75	100	3 Hrs.
BP503 T	Pharmacology II – Theory	4	3	25	75	100	3 Hrs.
BP504 T	Pharmacognosy and Phytochemistry II– Theory	4	3	25	75	100	3 Hrs.
BP505 T	Pharmaceutical Jurisprudence – Theory	4	3	25	75	100	3 Hrs.
BP506 P	Industrial PharmacyI – Practical	2	4	15	35	50	4 Hrs.
BP507 P	Pharmacology II – Practical	2	4	15	35	50	4 Hrs.
BP508 P	Pharmacognosy and Phytochemistry II – Practical	2	4	15	35	50	4 Hrs.
BP509 T	Pharmaceutical Marketing and drug store management	3	3	25	75	100	3 Hrs.

Semester VI

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP601 T	Medicinal Chemistry III – Theory	4	3	25	75	100	3 Hrs.
BP602 T	Pharmacology III – Theory	4	3	25	75	100	3 Hrs.
BP603 T	Herbal Drug Technology – Theory	4	3	25	75	100	3 Hrs.
BP604 T	Biopharmaceutics and Pharmacokinetics – Theory	4	3	25	75	100	3 Hrs.
BP605 T	Pharmaceutical Biotechnology – Theory	4	3	25	75	100	3 Hrs.
BP606 T	Quality Assurance – Theory	4	3	25	75	100	3 Hrs.
BP607 P	Medicinal chemistry III – Practical	2	4	15	35	50	4 Hrs.
BP608 P	Pharmacology III – Practical	2	4	15	35	50	4 Hrs.
BP609 P	Herbal Drug Technology – Practical	2	4	15	35	50	4 Hrs.
BP610 T	Financial Management	3	3	25	75	100	3 Hrs.

Semester VII

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP701T	Instrumental Methods of Analysis – Theory	4	3	25	75	100	3 Hrs.
BP702T	Industrial PharmacyII – Theory	4	3	25	75	100	3 Hrs.
BP703T	Pharmacy Practice – Theory	4	3	25	75	100	3 Hrs.
BP704T	Novel Drug Delivery System – Theory	4	3	25	75	100	3 Hrs.
BP705P	Instrumental Methods of Analysis – Practical	2	4	15	35	50	3 Hrs.
BP706P S	Practice School*	6	12	25	125	150	3 Hrs.
BP707T	Material and Operation Management	3	3	25	75	100	3 Hrs.

* Non University Examination (NUE)

Semester VIII

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Marks	Duration Of Semester end Exam in hrs.
BP801T	Biostatistics and Research Methodology	4	3	25	75	100	3 Hrs.
BP802T	Social and Preventive Pharmacy	4	3	25	75	100	3 Hrs.
BP803ET	Pharma Marketing Management	8	6	50	150	200	6 Hrs.
BP804ET	Pharmaceutical Regulatory Science						
BP805ET	Pharmacovigilance						
BP806ET	Quality Control and Standardization of Herbals						
BP807ET	Computer Aided Drug Design						
BP808ET	Cell and Molecular Biology						
BP809ET	Cosmetic Science						
BP810ET	Experimental Pharmacology						
BP811ET	Advanced Instrumentation Techniques						
BP812PW	Project Work	6	12	-	150	150	4 Hrs.
BP813T	Human Resource Management	3	3	25	75	100	3 Hrs.

**Course Structure and Scheme of Examination
For Certificate Course in Dialysis Technique (CCDT)**

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Yearly End Examination	Total Marks	Duration of Yearly end Exam in hrs.
CC DT-101	Anatomy and Pathophysiology of kidney (Theory)	NA	06	20	80	100	3
CC DT-102	Management of dialysis (Theory)	NA	08	20	80	100	3
CC DT-103	Haemodialysis and peritoneal dialysis (Theory)	NA	04	20	80	100	3
CC DT-104	Practical (Haemodialysis and Peritoneal Dialysis procedures)	NA	24	20	80	100	3
Total						400	

**Course Structure and Scheme of Examination
M. Pharm Pharmaceutical Biotechnology (MPB)**

Semester-1

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Examination in Hrs.
MPB 101 T	Modern Pharmaceutical Analytical Techniques	4	4	25	75	100	3
MPB 102 T	Microbial and Cellular Biology	4	4	25	75	100	3
MPB 103 T	Bioprocess Engineering and Technology	4	4	25	75	100	3
MPB 104 T	Advanced Pharmaceutical Biotechnology	4	4	25	75	100	3
MPB 105 P	Pharmaceutical Biotechnology Practical I	6	12	50	100	150	6
-	Seminar/Assignment	4	7	-	100	100	-
Total		26				650	

Semester-2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Examination
---------------------	----------------------------	-----------------------	-----------------------------	-------------------------------------------	-----------------------------------------------	--------------------	---------------------------------------------

			W e e k	n a t i o n	n a t i o n		Exa m i n Hrs.
MPB 201T	Proteins and protein Formulation	4	4	25	75	100	3
MPB 202T	Immunotechnology	4	4	25	75	100	3
MPB 203T	Bioinformatics and Computer Technology	4	4	25	75	100	3
MPB 204T	Biological Evaluation of Drug Therapy	4	4	25	75	100	3
MPB 205P	Pharmaceutical Biotechnology Practical II	6	12	50	100	150	6
-	Seminar/Assignment	4	7	-	100	100	-
Total		26				650	

Semester-3

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
MRM 301T	Research Methodology and Biostatistics*	4	4	25	75	100	3
-	Journal club	1	1	25	-	25	-
-	Discussion/Presentation (Proposal Presentation)	2	2	50	-	50	-
-	Research Work*	14	28	-	350	350	1
Total		21				525	

* Non-University Exam

Semester-4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester Examination
-	Journal club	1	1	25	-
-	Discussion/Presentation (Proposal Presentation)	3	3	75	-
-	Research Work and Colloquium	16	31	-	400
Total		20			

Course Structure and Scheme of Examination

M. Pharm Pharmaceutics (MPH)

Semester I

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester Examination
MPH101T	Modern Pharmaceutical	4	4	25	75

	Analytical Techniques				
MPH102T	Drug Delivery System	4	4	25	75
MPH103T	Modern Pharmaceutics	4	4	25	75
MPH104T	Regulatory Affair	4	4	25	75
MPH105P	Pharmaceutics Practical I	6	12	50	100
-	Seminar/Assignment	-	7	-	-
Total		26	35		

Semester II

Subject Code	Title of the Course	Courses Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
MPH201 T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	25	75	100	3 Hrs
MPH202 T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	25	75	100	3 Hrs
MPH203 T	Computer Aided Drug	4	4	25	75	100	3 Hrs
MPH204 T	Cosmetic and cosmeceuticals	4	4	25	75	100	3 Hrs
MPH205 P	Pharmaceutics Practical II	6	12	50	100	150	6 Hrs
-	Seminar/Assignment	-	7	-	-	100	-
Total		26	35			650	

Semester III

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
MPH301T	Research Methodology and biostatistics*	4	4	25	75	100	3 Hrs
-	Journal club	1	1	25	-	25	-
-	Discussion/presentation (Proposal presentation)	2	2	50	-	50	-
-	Research work*	14	28	-	350	350	1 Hrs
Total		21	35			525	

*Non-University exam

Semester IV

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
-	Journal club	1	1	25	-	25	-
-	Discussion/presentation (Proposal presentation)	3	3	75	-	75	-
-	Research work*	16	31	-	400	400	1 Hrs
Total		20	35			500	

Course Structure and Scheme of Examination

M. Pharm Pharmacognosy (MPG)

M. Pharm Semester-I

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
MPA	Modern Pharmaceutical	4	4	25	75	100	3

101T	Analytical Techniques						
MPG 101T	Advanced Pharmacognosy-1	4	4	25	75	100	3
MPG 102T	Phytochemistry	4	4	25	75	100	3
MPG 103T	Industrial Pharmacognostical Technology	4	4	25	75	100	3
MPG 104P	Pharmacognosy Practical I	6	12	50	100	150	6
-	Seminar/Assignment	4	7	-	100	100	-
Total		26				650	

M. Pharm Semester-2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
MPG201T	Medicinal Plant biotechnology	4	4	25	75	100	3
MPG202T	Advanced Pharmacognosy-II	4	4	25	75	100	3
MPG203T	Indian system of medicine	4	4	25	75	100	3
MPG204T	Herbal cosmetics	4	4	25	75	100	3
MPG205P	Pharmacognosy Practical -II	6	12	50	100	150	6
-	Seminar/Assignment	4	7	-	100	100	-
Total		26				650	

M. Pharm Semester-3

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester Examination
MRM 301T	Research Methodology and Biostatistics*	4	4	25	75
-	Journal club	1	1	25	-
-	Discussion / Presentation (Proposal Presentation)	2	2	50	-
-	Research Work*	14	28	-	350
Total		21			

* Non-University Exam

M. Pharm Semester-4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester Examination
-	Journal club	1	1	25	-
-	Discussion/Presentation (Proposal Presentation)	3	3	75	-
-	Research Work and Colloquium	16	31	-	400
Total		20			

Course Structure and Scheme of Examination SEMESTER I

Subject Code	Title of the Course	Course Credit	No. of Hrs. per week	Weightage for internal examination	Weightage for end semester examination	Total Marks	Duration of semester end exam in Hrs.
MPL 101T	Modern Pharmaceutical Analytical Techniques	4	4	25	75	100	3
MPL 102T	Advanced Pharmacology-I	4	4	25	75	100	3
MPL 103T	Pharmacological and Toxicological Screening	4	4	25	75	100	3

	Methods-I						
MPL 104T	Cellular and Molecular Pharmacology	4	4	25	75	100	3
MPL 105P	Pharmacology Practical I	6	12	50	100	150	6
-	Seminar/Assignm ent	4	07	-	100	100	-
Total		26	35			650	

SEMESTER II

Subject Code	Title of the Course	Course Credit	No. of Hrs. per week	Weightage for internal examination	Weightage for end semester examination	Total Marks	Duration of semester end exam in Hrs.
MPL 201T	Advanced Pharmacology II	4	4	25	75	100	3
MPL 202T	Pharmacological and Toxicological Screening Methods-II	4	4	25	75	100	3
MPL 203T	Principles of Drug Discovery	4	4	25	75	100	3
MPL 204T	Experimental Pharmacology practical- II	4	4	25	75	100	3
MPL 205P	Pharmacology Practical II	6	12	50	100	150	6
-	Seminar/Assignment	4	07	-	100	100	-
	Total	26	35			650	

SEMESTER III

Subject Code	Title of the Course	Course Credit	No. of Hrs. per week	Weightage for internal examination	Weightage for end semester examination	Total Marks	Duration of semester end exam in Hrs.
MRM 301T	Research Methodology and Biostatistics*	4	4	25	75	100	3 Hrs.
-	Journal club	1	1	25	-	25	-
-	Discussion / Presentation (Proposal Presentation)	2	2	50	-	50	-
-	Research Work	14	28	-	350	350	1 Hr.
Total		21	35			525	

SEMESTER IV

Subject Code	Title of the Course	Course Credit	No. of Hrs. per week	Weightage for internal examination	Weightage for end semester examination	Total Marks	Duration of semester end exam in Hrs.
-	Journal club	01	01	25	-	25	-
-	Discussion / Presentation (Proposal Presentation)	03	03	75	-	75	-
-	Research work and Colloquium	16	31	-	400	400	1 Hr
Total		20	35			500	

DEPARTMENT OF PHARMACEUTICAL SCIENCES

**Course Structure and Scheme of Examination
(with effective from June -2017)**

Semester I

Subject code	Title of the course	Course credit	No. of Hrs. per week	Weightage for Internal Examination	Weightage for External Examination	Total Marks	Duration of Semester end Exam in Hrs.
MQA 101T	Modern pharmaceutical analytical techniques	4	4	25	75	100	3
MQA 102T	Quality management systems	4	4	25	75	100	3
MQA 103T	Quality control and quality assurance	4	4	25	75	100	3
MQA 104T	Product development and technology transfer	4	4	25	75	100	3
MQA 105P	Quality Assurance Practical – I Practicals	6	12	50	100	150	6
-	Seminar/Assignment	4	7	-	-	100	-
Total		26				650	

Semester II

Subject code	Title of the course	Course credit	No. of Hrs. per week	Weightage for Internal Examination	Weightage for External Examination	Total Marks	Duration of Semester end Exam in Hrs.
MQA 201T	Hazards and Safety Management	4	4	25	75	100	3
MQA 202T	Pharmaceutical Validation	4	4	25	75	100	3
MQA 203T	Audits and Regulatory Compliance	4	4	25	75	100	3
MQA 204T	Pharmaceutical Manufacturing Technology	4	4	25	75	100	3
MQA 205P	Quality Assurance Practical – II Practicals	6	12	50	100	150	6
-	Seminar/Assignment	4	7	-	-	100	-
Total		26				650	

Semester III

Subject code	Title of the course	Course credit	No. of Hrs. per week	Weightage for Internal Examination	Weightage for External Examination	Total Marks	Duration of Semester end Exam in Hrs.
MRM 301T	Research Methodology and Biostatistics*	4	4	25	75	100	3
-	Journal club	1	1	25	-	25	-
-	Discussion / Presentation (Proposal Presentation)	2	2	50	-	50	-
-	Research Work	14	28	-	350	350	1
Total		21				525	

Semester IV

Subject code	Title of the course	Course credit	No. of Hrs . per week	Weightage for Internal Examination	Weightage for External Examination	Total Marks	Duration of Semester end Exam in Hrs.
-	Journal club	1	1	25	-	25	-
-	Research work	16	31	-	400	400	1
-	Discussion/Final Presentation	3	3	75	-	75	-
Total		20				500	

DEPARTMENT OF PHARMACEUTICAL SCIENCES
Course Structure and Scheme of Examination
(with effective from June -2017)

Semester I

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weight for Semester End Examination	Total Marks	Duration of Semester End Exam in hrs.
MRA 101T	Good Regulatory Practices	4	4	25	75	100	3 Hrs.
MRA 102T	Documentation and Regulatory Writing	4	4	25	75	100	3 Hrs.
MRA 103T	Clinical Research Regulations	4	4	25	75	100	3 Hrs.
MRA 104T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals and Food & Nutraceuticals in India and Intellectual Property Rights	4	4	25	75	100	3 Hrs.
MRA 105P	Regulatory Affairs Practical – I	6	12	50	100	150	6 Hrs.
-	Seminar/Assignment	4	7	-	-	100	-
Total		26	-	-	-	650	-

Semester II

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weight for Semester End Examination	Total Marks	Duration of Semester End Exam in hrs.
MRA 201T	Regulatory Aspects of Drugs & Cosmetics	4	4	25	75	100	3 Hrs.
MRA 202T	Regulatory Aspects of Herbal & Biologicals	4	4	25	75	100	3 Hrs.
MRA 203T	Regulatory Aspects of Medical Devices	4	4	25	75	100	3 Hrs.
MRA 204T	Regulatory Aspects of Food & Nutraceuticals	4	4	25	75	100	3 Hrs.
MRA 205P	Regulatory Affairs Practical – II	6	12	50	100	150	6 Hrs.
-	Seminar/Assignment	4	7	-	-	100	-
Total		26	-	-	-	650	-

Semester III

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weight for Semester End Examination	Total Marks	Duration of Semester End Exam in hrs.
MRM 301T	Research Methodology & Biostatistics	4	4	25	75	100	3 Hrs.
-	Journal Club	1	1	25	-	25	-
-	Discussion / Presentation (Proposal Presentation)	2	2	50	-	50	-
-	Research Work	14	28	-	350	350	1 Hrs.
Total		21	-	-	-	525	-

Semester IV

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weight for Semester End Examination	Total Marks	Duration of Semester End Exam in hrs.
-	Journal Club	1	1	25	-	25	-
-	Discussion / Presentation	3	3	75	-	75	-
-	Research Work	16	31	-	400	400	1 Hrs.
Total		20	-	-	-	500	-

Department of Pharmaceutical Sciences Course structure and scheme for examination

Semester I

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester End Examination	Total Marks	Duration of Semester end Exam in hrs.
Core - I (PGDCR-101)	Subject specialization - I (Basics of Clinical Research)	7	7	20	80	100	3
Core - II (PGDCR-102)	Subject specialization - II (Pharmacokinetics and BA/BE studies)	8	8	20	80	100	3
Core - III (PGDCR103)	Subject specialization - III (clinical trials: Design and regulations)	6	6	20	80	100	3
Core - IV (PGDRC-	Subject specialization - IV	6	6	20	80	100	3

104)	(Pharmacovigilance and Pharmacoepidemiology)						
Total		27				400	

Department of Pharmaceutical Sciences
Course structure and scheme for examination

Semester II

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage for Internal Examination	Weightage for Semester end Examination	Total Marks	Duration of Semester end Exam in hrs.
Core – V (PGDCR-201)	DISSERTATION	21	42	20	80	100	3

DEPARTMENT OF PHARMACEUTICAL SCIENCES
Course Structure and Scheme of Examination
(With Effective from June 2018)

FIRST YEAR

Subject Code	Title of the Course	Course Credits	No. of Hours per Week	Weightage for Internal Examination	Weightage for End Examination	Total Marks	Duration of Semester End Exams in Hrs.
PD -101	Human Anatomy and Physiology	3	3	30	70	100	3
PD -102	Human Anatomy and Physiology Practical	3	3	30	70	100	3
PD -103	Pharmaceutics	2	2	30	70	100	3
PD -104	Pharmaceutics Practical	3	3	30	70	100	3
PD -105	Medicinal Biochemistry	3	3	30	70	100	3
PD -106	Medicinal Biochemistry Practical	3	3	30	70	100	3
PD -107	Pharmaceutical Organic Chemistry	3	3	30	70	100	3
PD -108	Pharmaceutical Organic Chemistry Practical	3	3	30	70	100	3
PD -109	Pharmaceutical Inorganic Chemistry	2	2	30	70	100	3
PD -110	Pharmaceutical Inorganic Chemistry Practical	3	3	30	70	100	3
PD -111	Remedial Mathematics/ Biology	3	3	30	70	100	3

PD - 112	Biology Practical	3	3	30	70	100	3
Total		34				1200	

SECOND YEAR

Subject Code	Title of the Course	Course Credits	No. of Hours per Week	Weightage for Internal Examination	Weightage for End Examination	Total Marks	Duration of Semester End Exams in Hrs.
PD -201	Pathophysiology	3	3	30	70	100	3
PD -202	Pharmaceutical Microbiology	3	3	30	70	100	3
PD -203	Pharmaceutical Microbiology Practical	3	3	30	70	100	3
PD -204	Pharmacognosy & Phytopharmaceuticals	3	3	30	70	100	3
PD -205	Pharmacognosy & Phytopharmaceuticals Practical	3	3	30	70	100	3
PD -206	Pharmacology-I	3	3	30	70	100	3
PD -207	Community Pharmacy	2	2	30	70	100	3
PD -208	Pharmacotherapeutics	3	3	30	70	100	3
PD -209	Pharmacotherapeutics Practical	3	3	30	70	100	3
Total		26				900	

THIRD YEAR

Subject Code	Title of the Course	Course Credits	No. of Hours per Week	Weightage for Internal Examination	Weightage for End Examination	Total Marks	Duration of Semester End Exams in Hrs.
PD -301	Pharmacology-II	3	3	30	70	100	3

PD -302	Pharmacology-II Practical	3	3	30	70	100	3
PD -303	Pharmaceutical Analysis	3	3	30	70	100	3
PD -304	Pharmaceutical Analysis Practical	3	3	30	70	100	3
PD -305	Pharmaco therapeutics	3	3	30	70	100	3
PD -306	Pharmaco therapeutics Practical	3	3	30	70	100	3
PD -307	Pharmaceutical Jurisprudence	2	2	30	70	100	3
PD -308	Medicinal Chemistry	3	3	30	70	100	3
PD -309	Medicinal Chemistry Practical	3	3	30	70	100	3
PD -310	Pharmaceutical Formulations	3	3	30	70	100	3
PD -311	Pharmaceutical Formulations Practical	3	3	30	70	100	3
Total		32				1100	

FOURTH YEAR

Subject Code	Title of the Course	Course Credits	No. of Hours per Week	Weightage for Internal Examination	Weightage for End Examination	Total Marks	Duration of Semester End Exams in Hrs.
PD-401	Pharmacotherapeutics-III	3	3	30	70	100	3
PD-402	Pharmacotherapeutics-III Practical	3	3	30	70	100	3
PD-403	Hospital Pharmacy	2	2	30	70	100	3
PD-404	Hospital Pharmacy Practical	3	3	30	70	100	3
PD-405	Clinical Pharmacy	3	3	30	70	100	3
PD-406	Clinical Pharmacy Practical	3	3	30	70	100	3
PD-407	Biostatistics & Research Methodology	2	2	30	70	100	3
PD-408	Biopharmaceutics & Pharmacokinetics	3	3	30	70	100	3
PD-409	Biopharmaceutics & Pharmacokinetics Practical	3	3	30	70	100	3
PD-410	Clinical Toxicology	2	2	30	70	100	3
Total		27				1000	

FIFTH YEAR

Subject Code	Title of the Course	Courses	No. of Hours per Week/	Weightage for Internal Examination	Weightage for End Examination	Total Marks	Duration of Semester End Exams in Hrs.
PD-501	Clinical Research	3	3	30	70	100	3
PD-502	Pharmacoepidemiology and Pharmacoeconomics	3	3	30	70	100	3
PD-503	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	2	30	70	100	3
PD-504	Clerkship *	-	-	30	70	100	3
PD-505	Project work (Six Months)	20	20 Hospital posting *	--	100 **	100	3
Total		28				500	

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

M. A. Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination
M A Semester I					
1901100102010100	Vedic Text and Grammar	4	20	30	70
1901100102010200	Classical Epic : Raghuvaṁśa Canto - 1 and Kirātārjunīya Canto - 1	4	20	30	70
1901100102010300	Darśana : Tarksaṅgraha and Vedānatasāra	4	20	30	70
1901100202010101	Kāvyaṅprakāśa Selected Topics and Sāhityadarpaṇa Pariccheda - 1,4	4	20	30	70
1901100202010102	Vedāntasāśtra : Vedāntaparibhāṣā and Pañcadaśī Chapter-1	4	20	30	70
1901100502010100	Introduction to Rāmāyaṇa	4	20	30	70
M A Semester II					
1901100102020400	Vedāṅga: Nirukta Adhyāya 1 and Selected metres	4	20	30	70

1901100102020500	Gadyakāvya : Harṣacarita: Ucchavāsa 5 and Daśakumāracarita : Ucchavāsa 8	4	20	30	70
1901100102020600	Grammar : Siddhāntakaumudī, Sañjnā and Kāraka Prakaraṇa	4	20	30	70
1901100202020201	Alaṅkāraśāstra : Nāṭyaśāstra Adhyāya 2,6 and Daśarūpaka Prakāśa 1,3	4	20	30	70
1901100202020202	Vedāntasāstra : Śāṅkarabhāṣhya on Brahmasūtra 1.1.1-4	4	20	30	70
1901100502020200	Introduction to Mahābhārata	4	20	30	70

100	2.5
100	2.5
100	2.5
100	2.5
100	2.5

Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)

M. Phil. Semester - 1/2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination
M. Phil. Semester I				
1901100103010100	Research Methodology and Text	4	20	30
1901100103010200	Indian and Western Poetic	4	20	30
M. Phil. Semester II				
1901100203020101	Form of Sanskrit Literature : Rūpaka : Mrchakaṭika of Sūdraka	4	20	30
1901100203020102	Form of Literature : Champū : Nalacampū - Ucchavāsa 1 to 3	4	20	30
1901100203020103	Form of Literature : Gadya : Kādambarī of Bānabhaṭṭa	4	20	30
1901100103020300	Dissertation	12		50

Weightage For Semester End Examination	Total Marks	Duration of Semester End Exam in Hrs.
70	100	2.5
70	100	2.5
70	100	2.5
70	100	2.5
70	100	2.5
150	200	NA

**Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)**

Master of Business Administration (MBA)

Semester - 1/2/3/4

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30	70	100
SEMESTER - I						
161100020101	Principles of Management	4	4	30	70	100
161100020102	Quantitative Techniques in Management	4	4	30	70	100
161100020103	Economics & Environment for Business	4	4	30	70	100
161100020104	Management Information Systems	4	4	30	70	100
161100020105	Accounting for Managers	4	4	30	70	100
161100020106	Managerial Communication	4	4	30	70	100
161100020107	Case Pedagogy in Management	2	2	30	70	100
161100020108	Contemporary Issues in Management - I	4	4	0	100	100
SEMESTER - II						
161100020201	Organizational Behaviour	4	4	30	70	100
161100020202	Marketing Management	4	4	30	70	100

161100020203	Financial Management	4	4	30	70	100
161100020204	Human Resource Management	4	4	30	70	100
161100020205	Operations Management	4	4	30	70	100
161100020206	Cost and Management Accounting	4	4	30	70	100
161100020207	Research Methodology	4	2	30	70	100
161100020208	Contemporary Issues in Management - II	4	4	0	100	100
SEMESTER - III						
161100020301	Strategic Management	4	4	30	70	100
161100020302	Business Ethics and Corporate Governance	4	4	30	70	100
161100020303	Management of New and Small Enterprises	4	4	30	70	100
161100020304	Summer Training Project	8	8	0	200	200
ECT -M/F/H/I	Elective - Major	4	4	30	70	100
ECT -M/F/H/I	Elective - Major	4	4	30	70	100
ECT -M/F/H/I	Elective - Minor	4	4	30	70	100
ECT -M/F/H/I	Elective - Minor	4	4	30	70	100
SEMESTER - IV						
161100020401	International Business	4	4	30	70	100
161100020402	Legal Aspects of Business	4	4	30	70	100
161100020403	Comprehensive Project Study	8	8	0	200	200
ECT -M/F/H/I	Elective - Major	4	4	30	70	70
ECT -M/F/H/I	Elective – Major - Seminar Course	4	4	30	70	70
ECT -M/F/H/I	Elective - Minor	4	4	30	70	70

Duration of Semester End Exam in Hrs.
3
3
3
3
3
3
3
3
-
3
3

3
3
3
3
3
-
3
3
3
-
3
3
3
3
3
3
-
3
3
3

**Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)
Master of Business Administration (Banking and Finance) (MBA)
Semester - 1/2/3/4/5**

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week
Provide Sub. Code	Prog. In C & Numerical Methods	4	4
SEMESTER - I			
161100080101	Principles of Management	4	4
161100080102	Accounting for Managers	4	4
161100080103	Management Information Systems	4	4
161100080104	Fundamentals of banking & insurance	4	4
161100080105	Managerial Communication-	4	4
SEMESTER - II			
161100080201	Marketing Management	4	4
161100080202	Finance Management	4	4
161100080203	Economics and Environment for Business	4	4
161100080204	Banking operations management	4	4
161100080205	Human Resource Management-	4	4
SEMESTER - III			
161100080301	Organisation Behaviour	4	4
161100080302	Operations Management	4	4
161100080303	Basics of Quantitative Techniques & Operation Research	4	4
161100080304	Legal & regulatory aspects of banking And Microfinance	4	4
SEMESTER - IV			
161100080401	Indian Financial System	4	4
161100080402	Business Research	4	4
161100080403	Strategic Management	4	4
161100080404	Leveraging technology & Basics of international banking OR Risk Management	4	4
161100080406	Customer Relationship Management in Banking & Insurance- Seminar Course	4	4
		4	4

SEMESTER - V			
161100080501	Comprehensive Project Report	8	8

on
)
 BA - B & F)

Weightage For Internal Examination	For Semester End	Total Marks	of Semester End
30	70	100	3

30	70	100	3
30	70	100	3
30	70	100	3
30	70	100	3
30	70	100	3

30	70	100	3
30	70	100	3
30	70	100	3
30	70	100	3
30	70	100	3

30	70	100	3
30	70	100	3
30	70	100	3
30	70	100	3

30	70	100	3
30	70	100	3
30	70	100	3
30	70	70	3
30	70	70	3
30	70	70	3

0	200	200	-

**Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)**

Master of Philosophy (Management)

Semester - 1/2

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination
Provide Sub. Code	Prog. In C & Numerical Methods	4	4	30
SEMESTER - I				
12101	Research Methodology	4	4	30
12102	Strategic Management	4	4	30
12103	Advances in Management	4	4	30
SEMESTER - II				
12201	Dissertation	8	8	0

Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
70	100	3
70	100	3
70	100	3
70	100	3
200	200	-

**Course Structure and Scheme of Examination
For Choice Based Credit System (CBCS)**

DEPARTMENT NAME : Electronics

Semester - 1/2/3/4 And 1/2/3/4/5/6/7/8/9/10

Subject Code	Title of the Course	Course Credits	No. of Hrs. Per Week	Weightage For Internal Examination	Weightage For Semester End Examination	Total Markes	Duration of Semester End Exam in Hrs.
Paper-1	Fundamental of Electronics Technology	4	4	30	70	100	2.5
Paper-2	Foundation of Communication Electronics	4	4	30	70	100	2.5
Paper-3	Electromagnetics	4	4	30	70	100	2.5
Paper-4	Computer Hardware	4	4	30	70	100	2.5
Paper-5	The C Langauge	4	4	30	70	100	2.5
Paper-6	Advance Electromagnetics	4	4	30	70	100	2.5
Paper-7	Digital Communication System	4	4	30	70	100	2.5
Paper-8	Advance Digital Electronics	4	4	30	70	100	2.5
Paper-9	Circuit And Network	4	4	30	70	100	2.5
Paper-10	Control System Analysis	4	4	30	70	100	2.5
Paper-11	Op-Amp And Its Application	4	4	30	70	100	2.5
Paper-12	X86 Microprocessor System	4	4	30	70	100	2.5
Paper-13	Automation With PLC & SCADA	4	4	30	70	100	2.5
Paper-14	Embedded Programming Using AVR	4	4	30	70	100	2.5
Paper-15	Computer Aided Designing	4	4	30	70	100	2.5
Paper-16	VHDL (Optional)	4	4	30	70	100	2.5
	DSP						
	Radar And Navigation						
	Microwave Electronics						
Paper-1	Foundation of Science & Mathametics	4	4	30	70	100	2.5
Paper-2	Foundation of Electronics	4	4	30	70	100	2.5
Paper-3	Fundamental of Digital Electronics	4	4	30	70	100	2.5
Paper-4	Intro. To Electronics Device and Circuit	4	4	30	70	100	2.5

Paper-5	Basic Circuit Analysis	4	4	30	70	100	2.5
Paper-6	Advance Digital Electronics	4	4	30	70	100	2.5
Paper-7	Mathametics for Electronics	4	4	30	70	100	2.5
Paper-8	Amplifier And Oscillator	4	4	30	70	100	2.5
Paper-9	Adv. Circuitt and Network Concepts	4	4	30	70	100	2.5
Paper-10	Fundamental of Communication Electronics	4	4	30	70	100	2.5
Paper-11	Power Electronics	4	4	30	70	100	2.5
Paper-12	Circuit Simulation and PCB Designing Tools	4	4	30	70	100	2.5
Paper-13	Adv. Communication Electronics	4	4	30	70	100	2.5
Paper-14	Op-Amp And Its Application	4	4	30	70	100	2.5
Paper-15	Elements of C language	4	4	30	70	100	2.5
Paper-16	Basic Instrumentation	4	4	30	70	100	2.5
Paper-17	Basic Concept of Control System	4	4	30	70	100	2.5
Paper-18	Fundamental of Computer Hardware	4	4	30	70	100	2.5
Paper-19	Advance Instrumentation	4	4	30	70	100	2.5
Paper-20	Microprocessor and Microcontroller	4	4	30	70	100	2.5
Paper-21	Fiber Optics	4	4	30	70	100	2.5
Paper-22	Advance concept of Control System	4	4	30	70	100	2.5
Paper-23	Basic Programmable Controllers	4	4	30	70	100	2.5
Paper-24	Computer Aided Designing	4	4	30	70	100	2.5
Paper-25	Introduction to MatLab	4	4	30	70	100	2.5
Paper-26	Automobile and Automotive Electronics	4	4	30	70	100	2.5
Paper-27	Robotics	4	4	30	70	100	2.5
Paper-28	Electromagnetics	4	4	30	70	100	2.5
Paper-29	Basic Animation Techniques	4	4	30	70	100	2.5
Paper-30	ARDUNIO - Fundamental & Practice	4	4	30	70	100	2.5
Paper-31	JAVA : Fundamental & Practice	4	4	30	70	100	2.5
Paper-32	Advance Electromagnetics	4	4	30	70	100	2.5
Paper-33	LabView : An Introduction	4	4	30	70	100	2.5
Paper-34	Website Devloping Using Mysql,Php and HTML	4	4	30	70	100	2.5
Paper-35	3D Printer And 3D Scanner	4	4	30	70	100	2.5
Paper-36	Radar And Navigation	4	4	30	70	100	2.5
Paper-37	Sensor and Interfacing	4	4	30	70	100	2.5

Paper-38	Fundamentals of Dron Technology	4	4	30	70	100	2.5
Paper-39	Fundamentals of Industrial Automation	4	4	30	70	100	2.5
Paper-40	Microwave Electronics (Optional)	4	4	30	70	100	2.5
	Military application of Electronics and Technology						
	Digital Signal Processing						