B. Tech in Civil Engineering

SEMESTER – I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1105	Communicative English	3	1	0	30	70	100	4	4
2	221101	Physics	3	0	0	30	70	100	3	3
3	211101	Mathematics – I	3	1	0	30	70	100	4	4
4	031101	Basic Electrical Engineering	3	0	0	30	70	100	3	3
5	061101	Fundamentals of information technology	3	0	0	30	70	100	3	3
6	021102	Engineering graphics	2	0	0	30	70	100	2	2
	Total							600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	221101P	Physics	0	0	3	20	30	50	2	3
2	031101P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
3	061101P	Fundamentals of information technology	0	0	2	20	30	50	1	2
4	021102P	Engineering graphics	0	0	4	20	30	50	3	4
	Total							200	8	12

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Civil Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011202	Environmental science	3	0	0	30	70	100	3	3
2	231201	Engineering chemistry	3	0	0	30	70	100	3	3
3	211202	Mathematics II	3	1	0	30	70	100	4	4
4	011201	Engineering mechanics	3	0	0	30	70	100	3	3
5	021201	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
	Total							500	16	16
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
	011202P	Environmental science	0	0	3	20	30	50	2	2
2	231201P	Engineering chemistry	0	0	3	20	30	50	2	3
3	011201P	Engineering mechanics	0	0	3	20	30	50	2	3
4	021201P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021203P	Workshop	0	0	6	40	60	100	4	6
	Total							300	11	16

MSE (Internal Evaluation), ESE-End semester examination

CPA (Internal Evaluation)

Total Credits 16+11=27 Total Marks 500+300=800 Total Hours 16+16=32

B. Tech in Civil Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1301	Organizational behavior and industrial Psychology	3	0	0	30	70	100	3	3
2	011303	Building Science	3	0	0	30	70	100	3	3
3	011305	Engineering Geology	3	0	0	30	70	100	3	3
4	011307	Fluid Mechanics	3	1	0	30	70	100	4	4
5	24 1306	Industrial Economics & Accountancy	3	1	0	30	70	100	4	4
6	211303	Mathematics – III	3	1	0	30	70	100	4	4
	Total							600	21	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
2	011303P	Building Science	0	0	3	20	30	50	2	3
3	011305P	Engineering Geology	0	0	2	20	30	50	1	2
4	011307P	Fluid Mechanics	0	0	2	20	30	50	1	3
5	011314P	Civil Engineering Drawing	0	0	3	20	30	50	2	3
	Total							200	6	11

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 21+06=27 Total Marks 600+200=800 Total Hours 21+11=32

B. Tech in Civil Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011404	Field Measurement (Surveying)	3	0	0	30	70	100	3	3
2	011406	Mechanics of solid – I	3	1	0	30	70	100	4	4
3	011410	Hydraulics and open channel Flow	3	0	0	30	70	100	3	3
4	051401	Object Oriented Programming	3	0	0	30	70	100	3	3
5	211404	Numerical Methods and Computational Technique	3	0	0	30	70	100	3	3
6	021407	Thermodynamics	3	1	0	30	70	100	4	4
	Total							600	20	20
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011404P	Field Measurement (Surveying)	0	0	3	20	30	50	2	3
2	011406P	Mechanics of solid – I	0	0	2	20	30	50	1	2
3	051401P	Object Oriented Programming	0	0	3	20	30	50	2	3
4	211404P	Numerical Methods and Computational Technique	0	0	3	20	30	50	2	3
	Total							200	7	11

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 20+7=27 Total Marks 600+200=800 Total Hours 20+11=31

B. Tech in Civil Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011508	Advanced surveying	3	0	0	30	70	100	3	3
2	011509	Soil mechanics	3	0	0	30	70	100	3	3
3	011511	Structural analysis-I	3	1	0	30	70	100	4	4
4	011512	Engineering Hydrology	3	0	0	30	70	100	3	3
5	011513	Mechanics of solid-II	3	0	0	30	70	100	3	3
6	021510	Fluid Machinery	3	0	0	30	70	100	3	3
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011508P	Advanced surveying	0	0	3	20	30	50	2	3
2	011509P	Soil mechanics	0	0	3	20	30	50	2	3
3	011512P	Engineering Hydrology	0	0	2	20	30	50	1	2
4	021510P	Fluid Machinery	0	0	3	20	30	50	2	3
Total								200	7	11

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 19+7=26 Total Marks 600+200=800 Total Hours 19+11=30

B. Tech in Civil Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011615	Soil and rock Mechanics	3	0	0	30	70	100	3	3
2	011616	Structural analysis-II	3	0	0	30	70	100	3	3
3	011617	Design of concrete structure-I	3	0	0	30	70	100	3	3
4	011618	Environmental Engineering-I	3	0	0	30	70	100	3	3
5	011619	Transportation Engineering-I	3	0	0	30	70	100	3	3
6	011620	Design of steel structures	2	0	0	30	70	100	2	2
Total								600	17	17
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011615P	Soil and rock Mechanics	0	0	3	20	30	50	2	3
2	011617P	Design of concrete structure-I	0	0	3	20	30	50	2	3
3	011618P	Environmental Engineering-I	0	0	3	20	30	50	2	3
4	011619P	Transportation Engineering-I	0	0	3	20	30	50	2	3
5	011620P	Design of steel structures	0	0	3	20	30	50	2	3
Total								250	10	15

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 17+10=27 Total Marks 600+250=850 Total Hours 17+15=32

B. Tech in Civil Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011726	Design of concrete structure-II	3	0	0	30	70	100	3	3
2	011725	Design of Hydraulic structures	3	0	0	30	70	100	3	3
3	0117xx	Elective-I	3	0	0	30	70	100	3	3
4	011723	Environmental Engineering-II	3	0	0	30	70	100	3	3
5	011722	Foundation Engineering	3	0	0	30	70	100	3	3
6	011724	Transportation Engineering-II	3	0	0	30	70	100	3	3
Total								600	18	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011726P	Design of concrete structure-II	0	0	3	20	30	50	2	3
2	011725P	Design of Hydraulic structures	0	0	3	20	30	50	2	3
3	011721P	Civil Engineering Profession & Practice OR vocational Training (during summer for 4 weeks after 6th semester)	0	0	3	20	30	50	2	3
4	011729P	Project-I	0	0	5	40	60	100	3	5
Total								250	9	14

MSE (Internal Evaluation), ESE-End semester examination.
CPA (Internal Evaluation)
Total Credits 18+9=27 Total Marks 600+250=850 Total Hours 21+14=35

B. Tech in Civil Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011827	Construction Planning and Management	3	0	0	30	70	100	3	3
2	0118xx	Elective – II	3	0	0	30	70	100	3	3
3	0118xx	Elective – III	3	0	0	30	70	100	3	3
4	0118xx	Elective – IV	3	0	0	30	70	100	3	3
5	011852	Irrigation Engineering	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011828P	Contract, Specification & Estimation	0	0	3	20	30	50	2	3
2	011829P	Project-II (in continuation of 7th Sem. Project)	0	0	15	40	60	100	10	15
Total								150	12	18

MSE (Internal Evaluation), ESE-End semester examination.
CPA (Internal Evaluation)
Total Credits 15+12=27 Total Marks 500+150=650 Total Hours 15+18= 33

B. Tech in Mechanical Engineering

SEMESTER –I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1105	Communicative English	3	1	0	30	70	100	4	4
2	221101	Physics	3	0	0	30	70	100	3	3
3	211101	Mathematics	3	1	0	30	70	100	4	4
4	031101	Basic Electrical Engineering	3	0	0	30	70	100	3	3
5	061101	Fundamental of information Technology	3	0	0	30	70	100	3	3
6	021102	Engineering Graphics	2	0	0	30	70	100	2	2
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	221101P	Physics	0	0	3	20	30	50	2	3
2	031101P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
3	061101P	Fundamental of information Technology	0	0	2	20	30	50	1	2
4	021102P	Engineering Graphics	0	0	4	20	30	50	3	4
Total								200	8	12

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Mechanical Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011202	Environmental science	3	0	0	30	70	100	3	3
2	231201	Engineering Chemistry	3	0	0	30	70	100	3	3
3	211202	Mathematics-II	3	1	0	30	70	100	3	3
4	011201	Engineering Mechanics	3	0	0	30	70	100	3	3
5	021201	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011202P	Environmental science	0	0	3	20	30	50	2	2
2	231201P	Engineering Chemistry	0	0	3	20	30	50	2	3
3	011201P	Engineering Mechanics	0	0	3	20	30	50	2	3
4	021201P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021203P	Workshop	0	0	6	40	60	100	4	6
Total								300	11	16

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 15+11=26 Total Marks 500+300=800 Total Hours 15+16=31

B. Tech in Mechanical Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1301	Organizational Behaviour and Industrial Psychology	3	0	0	30	70	100	3	3
2	011307	Fluid Mechanics	3	1	0	30	70	100	4	4
3	021305	Material Science	3	1	0	30	70	100	4	4
4	211303	Mathematics-III	3	1	0	30	70	100	4	4
5	021306	Strength of Material	3	0	0	30	70	100	3	3
6	021307	Thermodynamics	3	1	0	30	70	100	4	4
Total								600	22	22
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011307P	Fluid Mechanics	0	0	2	20	30	50	1	2
2	021306P	Strength of Material	0	0	3	20	30	50	2	3
Total								100	3	5

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 22+3=25 Total Marks 600+100=700 Total Hours 22+5=27

B. Tech in Mechanical Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041401	Basic Electronic	3	0	0	30	70	100	3	3
2	051401	Object Oriented Programming	3	0	0	30	70	100	3	3
3	211404	Numerical Methods and computational Technique	3	0	0	30	70	100	3	3
4	021408	Kinematics of machinery	3	1	0	30	70	100	4	4
5	021409	Manufacturing by shaping and joining	3	0	0	30	70	100	3	3
Total								500	16	16
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041401P	Basic Electronic	0	0	3	20	30	50	2	3
2	051401P	Object Oriented Programming	0	0	3	20	30	50	2	3
3	211404P	Numerical Methods and computational Technique	0	0	3	20	30	50	2	3
4	021409P	Manufacturing by shaping and joining	0	0	3	20	30	50	2	3
5	021411P	Machine drawing	0	0	4	20	30	50	3	4
Total								250	11	16

MSE (Internal Evaluation), ESE-End semester examination.
CPA (Internal Evaluation)
Total Credits 16+11=27 Total Marks 500+250=750 Total Hours 16+16=32

B. Tech in Mechanical Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1502	Personal management and Industrial Relation	3	0	0	30	70	100	3	3
2	061505	Information security	3	0	0	30	70	100	3	3
3	021510	Fluid Machinery	3	0	0	30	70	100	3	3
4	021512	Steam power System	3	0	0	30	70	100	3	3
5	021513	Dynamics of machinery	3	0	0	30	70	100	3	3
6	021514	Machine tools and Machinery	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	021510P	Fluid Machinery	0	0	3	20	30	50	2	3
2	021512P	Steam power System	0	0	3	20	30	50	2	3
3	021513P	Dynamics of machinery	0	0	3	20	30	50	2	3
4	021514P	Machine tools and Machinery	0	0	3	20	30	50	2	3
Total								200	8	12

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 18+8=26 Total Marks 600+200=800 Total Hours 18+12=30

B. Tech in Mechanical Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1606	Industrial Economics and Accountancy	3	1	0	30	70	100	4	4
2	021615	Design of Machine Element	3	0	0	30	70	100	3	3
3	021616	Heat and Mass Transfer	3	0	0	30	70	100	3	3
4	021617	Non Conventional Manufacturing	3	1	0	30	70	100	4	4
5	021618	Competitive Manufacturing Strategies	3	1	0	30	70	100	4	4
6	021619	Instrumentation and Measurement	3	1	0	30	70	100	4	4
Total								600	22	22
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
2	021615P	Design of Machine Element	0	0	3	20	30	50	2	3
3	021616P	Heat and Mass Transfer	0	0	3	20	30	50	2	3
	021635P	Seminar	0	0	2	20	30	50	1	2
Total								150	5	8

MSE (Internal Evaluation), ESE-End semester examination.

CPA (Internal Evaluation)

Total Credits 22+5=27 Total Marks 600+150=750 Total Hours 22+8=30

B. Tech in Mechanical Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	0217XX	Elective-I	3	1	0	30	70	100	4	4
2	0217XX	Elective-II	3	1	0	30	70	100	4	4
3	021720	Refrigeration and air conditioning	3	0	0	30	70	100	3	3
4	021722	Internal combustion Engine and gas Turbine	3	0	0	30	70	100	3	3
5	021730	Computer Aided Design and manufacturing	3	0	0	30	70	100	3	3
Total								500	17	17
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	021720P	Refrigeration and air conditioning	3	0	3	20	30	50	2	3
2	021722P	Internal combustion Engine and gas Turbine	3	0	3	20	30	50	2	3
3	021730P	Computer Aided Design and manufacturing	3	0	3	20	30	50	2	3
4	021736P	Minor project	0	0	5	20	30	50	3	3
5	021737P	Industrial training	0	0		20	30	50	2	
Total								250	11	12

MSE (Internal Evaluation), ESE-End semester examination.
CPA (Internal Evaluation)
Total Credits 17+11=28 Total Marks 500+250=750 Total Hours 17+12=29

B. Tech in Mechanical Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1807	Sustainable Development	3	1	0	30	70	100	4	4
2	061822	Management information system	3	0	0	30	70	100	3	3
3	021821	Mechanical system design	3	0	0	30	70	100	3	3
4	0218XX	Elective-III	3	1	0	30	70	100	4	4
Total								400	14	14
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	021821P	Mechanical system design	0	0	3	20	30	50	2	3
2	021840P	Project	0	0	15	40	60	100	10	15
Total								150	12	18

MSE (Internal Evaluation), ESE-End semester examination.

CPA=Internal Evaluation

Total Credits 14+12=26 Total Marks 400+150=550 Total Hours 14+18=32

B. Tech in Electrical Engineering

SEMESTER –I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1105	Communicative English	3	1	0	30	70	100	4	4
2	221101	Physics	3	0	0	30	70	100	3	3
3	211101	Mathematics	3	1	0	30	70	100	4	4
4	031101	Basic Electrical Engineering	3	0	0	30	70	100	3	3
5	061101	Fundamental of Information Technology	3	0	0	30	70	100	3	3
6	021102	Engineering Graphics	2	0	0	30	70	100	2	2
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	221101P	Physics	0	0	3	20	30	50	2	3
2	031101P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
3	061101P	Fundamental of Information Technology	0	0	2	20	30	50	1	2
4	021102P	Engineering Graphics	0	0	4	20	30	50	3	4
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Electrical Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011202	Environmental Science	3	0	0	30	70	100	3	3
2	231201	Engineering Chemistry	3	0	0	30	70	100	3	3
3	211202	Mathematics-II	3	1	0	30	70	100	3	3
4	011201	Engineering Mechanics	3	0	0	30	70	100	3	3
5	021201	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011202P	Environmental Science	0	0	3	20	30	50	2	2
2	231201P	Engineering Chemistry	0	0	3	20	30	50	2	3
3	011201P	Engineering Mechanics	0	0	3	20	30	50	2	3
4	021201P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021203P	Workshop	0	0	6	40	60	100	4	6
Total								300	11	16

MSE-Mid semester exam, ESE-End semester examination.

CPA = Internal Evaluation.

Total Credits 15+11=26 Total Marks 500+300=800 Total Hours 15+16=31

B. Tech in Electrical Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041301	Basic Electronics	3	1	0	30	70	100	4	4
2	031342	Electrical Machine-I	3	0	0	30	70	100	3	3
3	211303	Mathematics-III	3	1	0	30	70	100	4	4
4	051301	Object Oriented Programming	2	0	0	30	70	100	2	2
5	041308	Solid state physics and devices	3	0	0	30	70	100	3	3
6	021307	Thermodynamics	3	1	0	30	70	100	4	4
Total								600	20	20
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041301P	Basic Electronics	0	0	2	20	30	50	1	2
2	031342P	Electrical Machine-I	0	0	3	20	30	50	2	3
3	051301P	Object Oriented Programming	0	0	3	20	30	50	2	3
4	041308P	Solid state physics and devices	0	0	3	20	30	50	2	3
Total								200	7	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 20+7=27 Total Marks 600+200=800 Total Hours 20+12=32

B. Tech in Electrical Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041402	Digital Electronics	3	1	0	30	70	100	4	4
2	211404	Numerical Method and Computational Technique	3	0	0	30	70	100	3	3
3	031403	Electrical Machine – II	3	0	0	30	70	100	3	3
4	24 1401	Organizational Behaviour and Industrial Psychology	3	0	0	30	70	100	3	3
5	031404	Power System - I	3	1	0	30	70	100	4	4
6	24 1406	Industrial Economics and Accountancy	3	1	0	30	70	100	4	4
Total								600	21	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041402P	Digital Electronics	0	0	2	20	30	50	1	3
2	211404P	Numerical Method and Computational Technique	0	0	3	20	30	50	2	3
3	031403P	Electrical Machine – II	0	0	3	20	30	50	2	3
Total								150	5	12

MSE-Mid semester exam, ESE-End semester examination.

CPA = Internal Evaluation.

Total Credits 21+5=26 Total Marks 600+150=750 Total Hours 21+12=33

B. Tech in Electrical Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041504	Analog Electronics	3	0	0	30	70	100	3	3
2	031505	Network Theory	3	0	0	30	70	100	3	3
3	031508	Power System – II	3	1	0	30	70	100	4	4
4	031506	Electromagnetic Field Theory	3	1	0	30	70	100	4	4
5	031510	Signals and system	3	1	0	30	70	100	4	4
6	061505	Information security	3	0	0	30	70	100	3	3
Total								600	21	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041504P	Analog Electronics	0	0	3	20	30	50	2	3
2	031505P	Network Theory	0	0	3	20	30	50	2	3
Total								100	4	6

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 21+4=25 Total Marks 600+100=700 Total Hours 21+6=27

B. Tech in Electrical Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051602	Computer Architecture	3	0	0	30	70	100	3	3
2	031616	Utilization of Electrical Power	3	1	0	30	70	100	4	4
3	041603	Introduction to Communication System	3	0	0	30	70	100	3	3
4	031611	Microprocessor and Its Application	3	0	0	30	70	100	3	3
5	031609	Power Electronics	3	0	0	30	70	100	3	3
6	031607	Electrical Instrument and Measurement	3	0	0	30	70	100	3	3
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041603P	Introduction to Communication System	0	0	3	20	30	50	2	3
2	031611P	Microprocessor and 06Application	0	0	3	20	30	50	2	3
3	031609P	Power Electronics	0	0	3	20	30	50	2	3
4	031607P	Electrical Instrument and Measurement	0	0	1	20	30	50	2	3
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Electrical Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	0317XX	Elective-I	3	1	0	30	70	100	4	4
2	041706	Intelligent Instrument	3	0	0	30	70	100	3	3
3	031712	Linear Control Theory	3	0	0	30	70	100	3	3
4	031713	Protection of Power Apparatus and System	3	0	0	30	70	100	3	3
Total								400	13	13
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041706P	Intelligent Instrument	0	0	3	20	30	50	2	3
2	031738P	Industrial Training	0	0	3	20	30	50	2	
3	031712P	Linear Control Theory	0	0	3	20	30	50	2	3
4	031713P	Protection of Power Apparatus and System	0	0	3	20	30	50	2	3
5	031739P	Project (Minor)	0	0	6	20	30	50	4	3
Total								250	12	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 13+12=25 Total Marks 400+250=650 Total Hours 13+12=25

B. Tech in Electrical Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	0318XX	Elective-II	3	1	0	30	70	100	4	4
2	031815	Modern Control Theory	3	1	0	30	70	100	4	4
3	24 1802	Personal Management and Industrial Relation	3	0	0	30	70	100	3	3
4	031814	Power System Design	1	0	0	30	70	100	1	1
Total								400	12	12
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	031841P	Project (Major)	0	0	12	40	60	100	8	12
2	031840P	Seminar	0	0	3	20	30	50	2	3
3	031814P	Power System Design	0	0	3	20	30	50	2	3
Total								200	12	18

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 12+12=24 Total Marks 400+200=600 Total Hours 12+18=30

B. Tech in Electronics & Communication Engineering

SEMESTER –I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011101	Engineering Mechanics	3	0	0	30	70	100	3	3
2	231101	Engineering Chemistry	3	0	0	30	70	100	3	3
3	011102	Environmental Science	3	0	0	30	70	100	3	3
4	211101	Mathematics-I	3	1	0	30	70	100	3	3
5	021101	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011102P	Environmental Science	0	0	3	30	20	50	2	2
2	011101P	Engineering Mechanics	0	0	3	20	30	50	2	3
3	231101P	Engineering Chemistry	0	0	3	20	30	50	2	3
3	021101P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021103P	Workshop	0	0	6	40	60	100	4	6
Total								300	11	16

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 15+11=26 Total Marks 500+300=800 Total Hours 15+16=31

B. Tech in Electronics & Communication Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	031201	Basic Electrical Engineering	3	0	0	30	70	100	3	3
2	24 1205	Communicative English	3	1	0	30	70	100	4	4
3	061201	Fundamental of Information Technology	3	2	0	30	70	100	4	5
4	211202	Mathematics-II	3	1	0	30	70	100	4	4
5	021202	Engineering Graphics	2	0	0	30	70	100	2	2
6	221201	Physics	3	0	0	30	70	100	3	3
Total								600	20	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	031201P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
2	021202P	Engineering Graphics	0	0	4	20	30	50	3	4
3	221201P	Physics	0	0	3	20	30	50	2	3
Total								150	7	10

MSE-Mid semester exam, ESE-End semester examination.

CPA = Internal Evaluation.

Total Credits 20+7=27 Total Marks 600+150=750 Total Hours 21+10=31

B. Tech in Electronics & Communication Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1301	Organizational behavior and Industrial Psychology	3	0	0	30	70	100	3	3
2	041308	Solid State Physics and Devices	3	0	0	30	70	100	3	3
3	041301	Basic Electronics	3	1	0	30	70	100	4	4
4	031342	Electrical Machine-I	3	0	0	30	70	100	3	3
5	24 1306	Industrial Economics and Accountancy	3	1	0	30	70	100	4	4
6	211303	Mathematics-III	3	1	0	30	70	100	4	4
Total								600	21	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041308P	Solid State Physics and Devices	0	0	3	20	30	50	2	3
2	041301P	Basic Electronics	0	0	2	20	30	50	1	3
3	031342P	Electrical Machine-I	0	0	3	20	30	50	2	3
Total								150	5	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 21+5=26 Total Marks 600+150=750 Total Hours 21+12=33

B. Tech in Electronics & Communication Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051401	Object Oriented Programming	3	0	0	30	70	100	3	3
2	041402	Digital Electronics	3	1	0	30	70	100	4	4
3	041412	Electrical & Electronic Material	3	0	0	30	70	100	3	3
4	24 1402	Personal Management & Industrial Relation	3	0	0	30	70	100	3	3
5	051414	Software Engineering	3	0	0	30	70	100	3	3
6	211404	Numerical Methods & Computational Techniques	3	0	0	30	70	100	3	3
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	051401P	Object Oriented Programming	0	0	3	20	30	50	2	3
2	041402P	Digital Electronics	0	0	2	20	30	50	1	3
3	041412P	Electrical & Electronic Material	0	0	3	20	30	50	2	3
4	051414P	Software Engineering	0	0	3	20	30	50	2	3
5	211404P	Numerical Methods & Computational Techniques	0	0	3	20	30	50	2	3
Total								250	9	15

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+9=28 Total Marks 600+250=850 Total Hours 19+15=34

B. Tech in Electronics & Communication Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041503	Introduction to Communication Systems	3	0	0	30	70	100	3	3
2	041504	Analog Electronics	3	0	0	30	70	100	3	3
3	0415XX	Elective-I	3	0	0	30	70	100	3	3
4	031507	Electrical Instruments & Measurements	3	0	0	30	70	100	3	3
5	031511	Microprocessor and Its Applications	3	0	0	30	70	100	3	3
6	061502	Web Technology	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041503P	Introduction to Communication Systems	0	0	3	20	30	50	2	3
2	041504P	Analog Electronics	0	0	3	20	30	50	2	3
3	031507P	Electrical Instruments & Measurements	0	0	3	20	30	50	2	3
4	031511P	Microprocessor and Its Applications	0	0	3	20	30	50	2	3
5	061502P	Web Technology	0	0	3	20	30	50	2	3
Total								250	10	15

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+10=28 Total Marks 600+250=850 Total Hours 18+15=33

B. Tech in Electronics & Communication Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041605	Optical Fiber Communication	3	1	0	30	70	100	4	4
2	041606	Intelligent Instruments	3	0	0	30	70	100	3	3
3	0416XX	Elective-II	3	1	0	30	70	100	4	4
4	031605	Network Theory	3	0	0	30	70	100	3	3
5	031606	Electromagnetic Field Theory	3	1	0	30	70	100	4	4
6	031610	Signals & Systems	3	1	0	30	70	100	4	4
Total								600	22	22
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041606P	Intelligent Instruments	0	0	3	20	30	50	2	3
2	031605P	Network Theory	0	0	3	20	30	50	2	3
Total								100	4	6

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 22+4=26 Total Marks 600+250=850 Total Hours 22+6=28

B. Tech in Electronics & Communication Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041709	Advanced Electromagnetic Theory	3	1	0	30	70	100	4	4
2	041710	Digital Signal Processing	3	0	0	30	70	100	3	3
4	0417XX	Elective-II	3	1	0	30	70	100	4	4
5	031709	Power Electronics	3	0	0	30	70	100	3	3
Total								400	14	14
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041710P	Digital Signal Processing	0	0	3	20	30	50	2	3
2	031714P	Project – I	0	0	9	20	30	50	6	9
3	031709P	Power Electronics	0	0	3	20	30	50	2	3
4	041715P	Industrial Training	0	0	3	20	30	50	2	3
Total								200	12	18

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation

Total Credits 14+12=26 Total Marks 400+200=600 Total Hours 14+18=32

B. Tech in Electronics & Communication Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051813	Computer Networks	3	0	0	30	70	100	3	3
2	041811	Microwave Engineering	3	0	0	30	70	100	3	3
3	0418XX	Elective-IV	3	1	0	30	70	100	4	4
4	031812	Linear Control Theory	3	0	0	30	70	100	3	3
5	061805	Information Security	3	0	0	30	70	100	3	3
Total								500	16	16
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041811P	Microwave Engineering	0	0	3	20	30	50	2	3
2	031812P	Linear Control Theory	0	0	3	20	30	50	2	3
3	051824P	Project – II	0	0	9	40	60	100	6	9
Total								200	10	15

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 16+10=26 Total Marks 500+200=700 Total Hours 16+15=31

B. Tech in Computer Science & Engineering

SEMESTER –I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011102	Environmental Science	3	0	0	30	70	100	3	3
2	211101	Mathematics – I	3	1	0	30	70	100	3	3
3	231101	Engineering Chemistry	3	0	0	30	70	100	3	3
4	011101	Engineering Mechanics	3	0	0	30	70	100	3	3
5	021101	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011102P	Environmental Science	0	0	3	20	30	50	2	2
2	231101P	Engineering Chemistry	0	0	3	20	30	50	2	3
3	011101P	Engineering Mechanics	0	0	3	20	30	50	2	3
4	021101P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021103P	Workshop	0	0	6	40	60	100	4	6
Total								300	11	16

MSE-Mid semester exam, ESE-End semester examination
CPA = Internal Evaluation.
Total Credits 15+11=26 Total Marks 500+300=800 Total Hours 15+16=31

B. Tech in Computer Science & Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1205	Communicative English	3	1	0	30	70	100	4	4
2	211202	Mathematics-II	3	1	0	30	70	100	4	4
3	221201	Physics	3	0	0	30	70	100	3	3
4	031201	Basic Electrical Engineering	3	0	0	30	70	100	3	3
5	061201	Fundamental of Information Technology	3	0	0	30	70	100	3	3
6	021202	Engineering Graphics	2	0	0	30	70	100	2	2
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	221201P	Physics	0	0	3	20	30	50	2	3
2	031201P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
3	061201P	Fundamental of Information Technology	0	0	2	20	30	50	1	2
4	021202P	Engineering Graphics	0	0	4	20	30	50	3	4
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Computer Science & Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	211303	Mathematics-III	3	1	0	30	70	100	4	4
2	041302	Digital Electronics	3	1	0	30	70	100	4	4
3	051301	Object Oriented Programming	3	0	0	30	70	100	3	3
4	211304	Numerical Methods & Computational Techniques	3	0	0	30	70	100	3	3
5	041301	Basic Electronics	3	1	0	30	70	100	4	4
								500	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041302P	Digital Electronics	0	1	2	20	30	50	1	2
2	051301P	Object Oriented Programming	0	0	3	20	30	50	2	3
3	211304P	Numerical Methods & Computational Techniques	0	0	3	20	30	50	2	3
4	041301P	Basic Electronics	0	1	2	20	30	50	1	2
								200	6	10

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+6=24 Total Marks 500+200=700 Total Hours 18+10=28

B. Tech in Computer Science & Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	211405	Discrete Mathematical Structure & Graph Theory	3	1	0	30	70	100	4	4
2	041404	Analog Electronics	3	0	0	30	70	100	3	3
3	051403	Data Structures	3	0	0	30	70	100	3	3
4	051402	Computer Architecture	3	0	0	30	70	100	3	3
5	051405	Systems Programming	3	0	0	30	70	100	3	3
6	24 1401	Organizational behaviour and Industrial Psychology	3	0	0	30	70	100	3	3
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041404P	Analog Electronics	0	0	3	20	30	50	2	3
2	051403P	Data Structures	0	0	3	20	30	50	2	3
3	051405P	Systems Programming	0	0	3	20	30	50	2	3
Total								150	6	9

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+6=25 Total Marks 600+150=750 Total Hours 19+9=28

B. Tech in Computer Science & Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	031511	Microprocessor and its Applications	3	0	0	30	70	100	3	3
2	051506	Design & Analysis of Algorithms	3	0	0	30	70	100	3	3
3	051529	Introduction to Java Programming Language	3	0	0	30	70	100	3	3
4	051509	Database Systems	3	0	0	30	70	100	3	3
5	061503	Operating Systems	3	0	0	30	70	100	3	3
6	051513	Computer Networks	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	031511P	Microprocessor and its Applications	0	0	3	20	30	50	2	3
2	051529P	Introduction to Java Programming Language	0	0	3	20	30	50	2	3
3	051509P	Database Systems	0	0	3	20	30	50	2	3
4	061503P	Operating Systems	0	0	3	20	30	50	2	3
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination
CPA = Internal Evaluation.
Total Credits 18+8=26 Total Marks 600+200=800 Total Hours 18+12=30

B. Tech in Computer Science & Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051604	Object Oriented Analysis & Design	3	0	0	30	70	100	3	3
2	051610	Principles of Programming Languages	3	0	0	30	70	100	3	3
3	051611	Formal Languages & Automata Theory	3	0	0	30	70	100	3	3
4	24 1606	Industrial Economics & Accountancy	3	1	0	30	70	100	4	4
5	051614	Software Engineering	3	0	0	30	70	100	3	3
6	051607	Web Applications Design & Development	3	0	0	30	70	100	3	3
7	051616	Compiler Design	3	0	0	30	70	100	3	3
Total								700	22	22
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	051614P	Software Engineering	0	0	3	20	30	50	2	3
2	051607P	Web Applications Design & Development	0	0	3	20	30	50	2	3
3	051616P	Compiler Design	0	0	3	20	30	50	2	3
Total								150	6	9

MSE-Mid semester exam, ESE-End semester examination
CPA = Internal Evaluation.
Total Credits 22+6=28 Total Marks 700+150=850 Total Hours 22+9=31

B. Tech in Computer Science & Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051715	Distributed Computing	3	0	0	30	70	100	3	3
2	051717	Artificial Intelligence	3	0	0	30	70	100	3	3
3	XX 17XX	Elective-I	3	0	0	30	70	100	3	3
4	XX 17XX	Elective-II	3	0	0	30	70	100	3	3
5	XX 17XX	Elective-III	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	051715P	Distributed Computing	0	0	3	20	30	50	2	3
2	051717P	Artificial Intelligence	0	0	3	20	30	50	2	3
3	051721P	Industrial Training	0	0		20	30	50	2	
4	051720P	Project – I	0	0	6	20	30	50	4	6
Total								200	10	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 15+10=25 Total Marks 500+200=700 Total Hours 15+12=27

B. Tech in Computer Science & Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051822	Data Mining	3	0	0	30	70	100	3	3
2	24 1804	Personal management & Industrial Relation	3	0	0	30	70	100	3	3
3	061805	Information Security	3	0	0	30	70	100	3	3
4	XX 18XX	Elective-IV	3	0	0	30	70	100	3	3
5	XX 18XX	Elective-V	3	0	0	30	70	100	3	3
6	XX 18XX	Elective-VI	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	051822P	Data Mining	0	0	3	20	30	50	2	3
2	051824P	Project – II	0	0	9	40	60	100	6	9
Total								150	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+8=26 Total Marks 600+150=750 Total Hours 18+12=30

B. Tech in Information Technology Engineering

SEMESTER –I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011102	Environmental Science	3	0	0	30	70	100	3	3
2	211101	Mathematics – I	3	1	0	30	70	100	3	3
3	231101	Engineering Chemistry	3	0	0	30	70	100	3	3
4	011101	Engineering Mechanics	3	0	0	30	70	100	3	3
5	021101	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	011302P	Environmental Science	0	0	3	20	30	50	2	2
2	231101P	Engineering Chemistry	0	0	3	20	30	50	2	3
3	011101P	Engineering Mechanics	0	0	3	20	30	50	2	3
4	021101P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021103P	Workshop	0	0	6	40	60	100	4	6
Total								300	11	16

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 15+11=26 Total Marks 500+300=800 Total Hours 15+16=31

B. Tech in Information Technology Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1205	Communicative English	3	1	0	30	70	100	4	4
2	211202	Mathematics-II	3	1	0	30	70	100	4	4
3	221201	Physics	3	0	0	30	70	100	3	3
4	031201	Basic Electrical Engineering	3	0	0	30	70	100	3	3
5	061201	Fundamental of Information Technology	3	0	0	30	70	100	3	3
6	021202	Engineering Graphics	2	0	0	30	70	100	2	2
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	221201P	Physics	0	0	3	20	30	50	2	3
2	031201P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
3	061201P	Fundamental of Information Technology	0	0	3	20	30	50	1	2
4	021202P	Engineering Graphics	0	0	4	20	30	50	3	4
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Information Technology Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1301	Organizational behavior and Industrial Psychology	3	0	0	30	70	100	3	3
2	051301	Object Oriented Programming	3	0	0	30	70	100	3	3
3	041301	Basic Electronics	3	1	0	30	70	100	4	4
4	041302	Digital Electronics	3	1	0	30	70	100	4	4
5	24 1306	Industrial Economics and Accountancy	3	1	0	30	70	100	4	4
6	211303	Mathematics-III	3	1	0	30	70	100	4	4
Total								600	22	22
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	051301P	Object Oriented Programming	0	0	3	20	30	50	2	3
2	041301P	Basic Electronics	0	0	2	20	30	50	1	3
3	041302P	Digital Electronics	0	0	2	20	30	50	1	3
Total								150	4	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 22+4=26 Total Marks 600+150=750 Total Hours 24+12=36

B. Tech in Information Technology Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	211405	Discrete Mathematical Structure & Graph Theory	3	1	0	30	70	100	4	4
2	031411	Microprocessor and its Applications	3	0	0	30	70	100	3	3
3	051409	Database Systems	3	0	0	30	70	100	3	3
4	041404	Analog Electronics	3	0	0	30	70	100	3	3
5	051402	Compute Architecture	3	0	0	30	70	100	3	3
6	051403	Data Structures	3	0	0	30	70	100	3	3
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	031411P	Microprocessor and its Applications	0	0	3	20	30	50	2	3
2	051409P	Database Systems	0	0	3	20	30	50	2	3
3	041404P	Analog Electronics	0	0	3	20	30	50	2	3
4	051403P	Data Structures	0	0	3	20	30	50	2	3
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Information Technology Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051511	Formal Languages & Automata Theory	3	0	0	30	70	100	3	3
2	041503	Introduction to Communication Systems	3	0	0	30	70	100	3	3
3	051516	Compiler Design	3	0	0	30	70	100	3	3
4	061502	Web Technology	3	0	0	30	70	100	3	3
5	051513	Computer Networks	3	0	0	30	70	100	3	3
6	051505	Systems Programming	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	041503P	Introduction to Communication Systems	0	0	3	20	30	50	2	3
2	051516P	Compiler Design	0	0	3	20	30	50	2	3
3	061502P	Web Technology	0	0	3	20	30	50	2	3
4	051505P	Systems Programming	0	0	3	20	30	50	2	3
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+8=26 Total Marks 600+200=800 Total Hours 18+12=30

B. Tech in Information Technology Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	051617	Artificial Intelligence	3	0	0	30	70	100	3	5
2	061604	Visual Programming	3	0	0	30	70	100	3	5
3	051614	Software Engineering	3	0	0	30	70	100	3	5
4	061606	Data Mining & Warehousing	3	0	0	30	70	100	3	3
5	061603	Operating Systems	3	0	0	30	70	100	3	5
6	051606	Design & Analysis of Algorithms	3	0	0	30	70	100	3	3
Total								600	18	28
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	051617P	Artificial Intelligence	0	0	3	20	30	50	2	
2	061604P	Visual Programming	0	0	3	20	30	50	2	
3	051614P	Software Engineering	0	0	3	20	30	50	2	
4	061603P	Operating Systems	0	0	3	20	30	50	2	
Total								200	8	

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+8=26 Total Marks 600+200=800 Total Hours 24+12=36

B. Tech in Information Technology Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1702	Personnel Management and Industrial Relation	3	0	0	30	70	100	3	3
2	061707	Distributed Computing and its Application	3	0	0	30	70	100	3	3
3	061711	Wireless and Mobile Communication	3	0	0	30	70	100	3	3
4	061705	Information Security	3	0	0	30	70	100	3	3
5	0617XX	Elective – I	3	0	0	30	70	100	3	3
6	0617XX	Elective – II	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	061707P	Distributed Computing and its Application	0	0	3	20	30	50	2	3
2	061724P	Project – I	0	0	6	40	60	100	4	6
3	061726P	Industrial Training	0	0	3	20	30	50	2	3
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+8=26 Total Marks 600+200=800 Total Hours 18+12=30

B. Tech in Information Technology Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	061809	XML Web Services	3	0	0	30	70	100	3	3
2	061810	Multimedia Technology and Application	3	0	0	30	70	100	3	3
3	061808	Intrusion Detection	3	0	0	30	70	100	3	3
4	0618XX	Elective III	3	0	0	30	70	100	3	3
5	0618XX	Elective IV	3	0	0	30	70	100	3	3
Total								500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	061809P	XML Web Services	0	0	3	20	30	50	2	3
2	061825P	Project – II	0	0	9	40	60	100	6	9
Total								150	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 15+8=23 Total Marks 500+150=650 Total Hours 15+12=37

B. Tech in Leather Technology Engineering

SEMESTER – I

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1105	Communicative English	3	1	0	30	70	100	4	4
2	221101	Physics	3	0	0	30	70	100	3	3
3	211101	Mathematics – I	3	1	0	30	70	100	4	4
4	031101	Basic Electrical Engineering	3	0	0	30	70	100	3	3
5	061101	Fundamentals of information technology	3	0	0	30	70	100	3	3
6	021102	Engineering graphics	2	0	0	30	70	100	2	2
	Total							600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	221101P	Physics	0	0	3	20	30	50	2	3
2	031101P	Basic Electrical Engineering	0	0	3	20	30	50	2	3
3	061101P	Fundamentals of information technology	0	0	2	20	30	50	1	2
4	021102P	Engineering graphics	0	0	4	20	30	50	3	4
	Total							200	8	12

MSE (Internal Evaluation), ESE-End semester examination

CPA (Internal Evaluation)

Total Credits 19+8=27 Total Marks 600+200=800 Total Hours 19+12=31

B. Tech in Leather Technology Engineering

SEMESTER –II

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	011202	Environmental science	3	0	0	30	70	100	3	3
2	231201	Engineering chemistry	3	0	0	30	70	100	3	3
3	211202	Mathematics II	3	1	0	30	70	100	3	3
4	011201	Engineering mechanics	3	0	0	30	70	100	3	3
5	021201	Elements of Mechanical Engineering	3	0	0	30	70	100	3	3
	Total							500	15	15
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
	011202P	Environmental science	0	0	3	20	30	50	2	2
2	231201P	Engineering chemistry	0	0	3	20	30	50	2	3
3	011201P	Engineering mechanics	0	0	3	20	30	50	2	3
4	021201P	Elements of Mechanical Engineering	0	0	2	20	30	50	1	2
5	021203P	Workshop	0	0	6	40	60	100	4	6
Total								300	11	16

MSE (Internal Evaluation), ESE-End semester examination

CPA (Internal Evaluation)

Total Credits 15+11=26 Total Marks 500+300=800 Total Hours 15+16=31

B. Tech in Leather Technology Engineering

SEMESTER –III

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1301	Organizational behavior and Industrial Psychology	3	0	0	30	70	100	3	3
2	071301	Theory & Practices of Preservation and Pre tanning Processes	3	0	0	30	70	100	3	3
3	021305	Material Science	3	1	0	30	70	100	4	4
4	21 1303	Mathematics – III	3	1	0	30	70	100	4	4
5	021306	Strength of material	3	0	0	30	70	100	3	3
6	021307	Thermodynamics	3	1	0	30	70	100	4	4
Total								600	21	21
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	071301P	Theory & Practices of Preservation and Pre tanning Processes	0	0	3	20	30	50	2	3
2	021306P	Strength of material	0	0	3	20	30	50	2	3
Total								100	4	3

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 21+4=25 Total Marks 600+100=700 Total Hours 21+6=27

B. Tech in Leather Technology Engineering

SEMESTER –IV

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	041401	Basic Electronics	3	0	0	30	70	100	3	3
2	051401	Object Orientation Programming	3	0	0	30	70	100	3	3
3	211404	Numerical Methods and Computational Technique	3	0	0	30	70	100	3	3
4	071402	Introduction to Leather Technology	3	0	0	30	70	100	3	3
5	071403	Biochemistry of Protein	3	0	0	30	70	100	3	3
6	071404	Chemical Engineering – I	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	041401P	Basic Electronics	0	0	3	20	30	50	2	3
2	211404P	Numerical Methods and Computational Technique	0	0	3	20	30	50	2	3
3	071404P	Chemical Engineering – I	0	0	3	20	30	50	2	3
Total								150	6	9

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+6=24 Total Marks 600+150=750 Total Hours= 18+9=27

B. Tech in Leather Technology Engineering

SEMESTER –V

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1502	Personnel Management and Industrial Relation	3	0	0	30	70	100	3	3
2	071505	Chemical Engineering – II	3	0	0	30	70	100	3	3
3	071506	Principles of Inorganic Tannage	3	0	0	30	70	100	3	3
4	071507	Principles of Organic Tannage	3	0	0	30	70	100	3	3
5	07 1508	Practices of Leather Manufacturing – I	3	0	0	30	70	100	3	3
6	071509	Analytical Chemistry of Leather	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	071505P	Chemical Engineering – II	0	0	3	20	30	50	2	3
2	071506P	Principles of Inorganic Tannage	0	0	3	20	30	50	2	3
3	07 1508P	Practices of Leather Manufacturing – I	0	0	3	20	30	50	2	3
4	071509P	Analytical Chemistry of Leather	0	0	3	20	30	50	2	3
Total								200	8	12

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+8=26 Total Marks 600+200=800 Total Hours 18+12=30

B. Tech in Leather Technology Engineering

SEMESTER –VI

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	24 1606	Industrial Economics & Accountancy	3	1	0	30	70	100	4	4
2	071610	Principles of Post Tanning Operation	3	0	0	30	70	100	3	3
3	071611	Leather Bio-Technology	3	0	0	30	70	100	3	3
4	071612	Leather Product Technology – I	3	0	0	30	70	100	3	3
5	071613	Principles of material testing	3	0	0	30	70	100	3	3
6	071614	Chemical Engineering – III	3	0	0	30	70	100	3	3
Total								600	19	19
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	071610P	Principles of Post Tanning Operation	0	0	3	20	30	50	2	3
2	071612P	Leather Product Technology – I	0	0	3	20	30	50	2	3
3	071613P	Principles of material testing	0	0	3	20	30	50	2	3
Total								150	6	9

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 19+6=25 Total Marks 600+150=750 Total Hours 19+9=28

B. Tech in Leather Technology Engineering

SEMESTER –VII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	071715	Leather Finishing Material and Auxiliaries	3	0	0	30	70	100	3	3
2	071716	Electives – I	3	0	0	30	70	100	3	3
3	071717	Practices of Leather Manufacturing – II	3	0	0	30	70	100	3	3
4	071718	Theory of Leather Supplements & Synthetics	3	0	0	30	70	100	3	3
5	071719	Instrumentation and Process Control	3	0	0	30	70	100	3	3
6	071720	Leather Product Technology – II	3	0	0	30	70	100	3	3
Total								600	18	18
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	071717P	Practices of Leather Manufacturing – II	0	0	3	20	30	50	2	3
2	071719P	Instrumentation and Process Control	0	0	3	20	30	50	2	3
3	071720P	Leather Product Technology – II	0	0	3	20	30	50	2	3
Total								150	6	9

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 18+6=24 Total Marks 600+150=750 Total Hours 18+9=27

B. Tech in Leather Technology Engineering

SEMESTER –VIII

S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
Theory			L	T	P	MSE	ESE	Sub Total		
1	071821	Elective – II	3	0	0	30	70	100	3	3
2	071822	Elective – III	3	0	0	30	70	100	3	3
3	071823	Tanney Waste Management	3	0	0	30	70	100	3	4
4	071824	Practices of Leather Manufacturing – III	3	0	0	30	70	100	3	5
5	071825	Leather Product Technology-III	3	0	0	30	70	100	3	5
6	071826	Project Work	0	1	0	30	70	100	1	10
Total								600	16	30
Sessional										
S. N.	Course no.	Subject	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	071823P	Tanney Waste Management	0	0	3	20	30	50	2	3
2	071824P	Practices of Leather Manufacturing – III	0	0	3	20	30	50	2	3
3	071825P	Leather Product Technology-III	0	0	3	20	30	50	2	3
4	071826P	Project Work	0	0	6	40	60	100	4	6
Total								250	10	15

MSE-Mid semester exam, ESE-End semester examination

CPA = Internal Evaluation.

Total Credits 16+10=26 Total Marks 600+250=850 Total Hours 30+15=45

B. Pharm (Bachelor of Pharmacy)

SEMESTER – I

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091101	Pharmaceutics – I	3	0	0	30	70	100	3	3
2	091102	Pharmaceutical Analysis - I	3	0	0	30	70	100	3	3
3	091103	Pharmaceutical Chemistry - I	3	0	0	30	70	100	3	3
4	091104	Pharmacognosy - I	3	0	0	30	70	100	3	3
5	24 1105	Communicative English	3	1	0	30	70	100	4	4
6	091106	Remedial Mathematics	3	1	0	30	70	100	3	4
7	091107	Remedial Biology	2	0	0	30	70	100	2	2
							Total	600	19/18	20/18
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091101P	Pharmaceutics – I	0	0	4	20	30	50	2	4
2	091102P	Pharmaceutical Analysis - I	0	0	4	20	30	50	2	4
3	091103P	Pharmaceutical Chemistry - I	0	0	4	20	30	50	2	4
4	091104P	Pharmacognosy - I	0	0	4	20	30	50	2	4
5	091107P	Remedial Biology	0	0	2	20	30	50	1	2
							Total	200/250	8/9	16/18

MSE (Internal Evaluation), ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits (19+8 / 18+9) = 27 Total Marks 600+200/250=800/850 Total Hours (20+16 / 18+18) = 36

Candidates who did not pass Biology subject in entry qualification (+2 Sc. etc.) examination are required to take Remedial Biology (091107 & 091107P), and those who did not pass Mathematics subject are required to take Remedial Mathematics (091106). Candidates who passed both Biology and Mathematics subjects can take either Remedial Biology (T&P) or Remedial Mathematics.

B. Pharm (Bachelor of Pharmacy)

SEMESTER – II

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091201	Pharmaceutics – II	3	0	0	30	70	100	3	3
2	091202	Pharmaceutical Chemistry – II	3	0	0	30	70	100	3	3
3	091203	Pharmaceutical Chemistry – III	3	0	0	30	70	100	3	3
4	091204	APHE –I	3	0	0	30	70	100	3	3
5	091205	Advanced mathematics	3	1	0	30	70	100	4	4
							Total	500	16	16
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091201P	Pharmaceutics – II	0	0	4	20	30	50	2	4
2	091202P	Pharmaceutical Chemistry – II	0	0	4	20	30	50	2	4
3	091203P	Pharmaceutical Chemistry – III	0	0	4	20	30	50	2	4
4	091204P	APHE –I	0	0	4	20	30	50	2	4
							Total	200	8	16

MSE (Internal Evaluation)., ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 16+8 = 24 Total Marks 500+200=700 Total Hours 16+16 = 32

B. Pharm (Bachelor of Pharmacy)

SEMESTER – III

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091301	Pharmaceutics – III	3	0	0	30	70	100	3	3
2	091302	Pharmaceutical Chemistry – IV	3	0	0	30	70	100	3	3
3	091303	Pharmacognosy - II	3	0	0	30	70	100	3	3
4	091304	Pharmaceutical Analysis - II	3	0	0	30	70	100	3	3
5	091305	APHE -II	3	0	0	30	70	100	3	3
							Total	500	15	15
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091301P	Pharmaceutics – III	0	0	4	20	30	50	2	4
2	091302P	Pharmaceutical Chemistry – IV	0	0	4	20	30	50	2	4
3	091303P	Pharmacognosy - II	0	0	4	20	30	50	2	4
4	091304P	Pharmaceutical Analysis - II	0	0	4	20	30	50	2	4
5	091305P	APHE -II	0	0	4	20	30	50	2	4
							Total	250	10	20

MSE (Internal Evaluation)., ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 15+10 = 25 Total Marks 500+250=750 Total Hours 15+20 = 35

B. Pharm (Bachelor of Pharmacy)

SEMESTER – IV

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091401	Pharmaceutics – IV	3	0	0	30	70	100	3	3
2	091402	Pharmaceutical Microbiology	3	0	0	30	70	100	3	3
3	091403	Pharmacognosy - III	3	0	0	30	70	100	3	3
4	091404	Pathophysiology of common diseases	3	0	0	30	70	100	3	3
5	091405	Basic electronics and computer applications	3	0	0	30	70	100	3	3
6	091406	Pharmaceutical jurisprudence & ethics	3	0	0	30	70	100	3	3
							Total	600	18	18
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091401P	Pharmaceutics – IV	0	0	4	20	30	50	2	4
2	091402P	Pharmaceutical Microbiology	0	0	4	20	30	50	2	4
3	091403P	Pharmacognosy - III	0	0	4	20	30	50	2	4
4	091405P	Basic electronics and computer applications	0	0	4	20	30	50	2	4
							Total	200	8	16

MSE (Internal Evaluation)., ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 18+8 = 26 Total Marks 600+200=800 Total Hours 18+16 = 34

B. Pharm (Bachelor of Pharmacy)

SEMESTER – V

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091501	Pharmaceutics – V	3	0	0	30	70	100	3	3
2	091502	Pharmaceutical Chemistry – V	3	0	0	30	70	100	3	3
3	091503	Pharmacology - I	3	0	0	30	70	100	3	3
4	091504	Pharmacognosy - IV	3	0	0	30	70	100	3	3
5	091505	Pharmaceutics – VI	3	0	0	30	70	100	3	3
							Total	500	15	15
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091501P	Pharmaceutics – V	0	0	4	20	30	50	2	4
2	091502P	Pharmaceutical Chemistry – V	0	0	4	20	30	50	2	4
3	091503P	Pharmacology - I	0	0	4	20	30	50	2	4
4	091504P	Pharmacognosy - IV	0	0	4	20	30	50	2	4
5	091505P	Pharmaceutics – VI	0	0	4	20	30	50	2	4
							Total	250	10	20

MSE (Internal Evaluation)., ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 15+10 = 25 Total Marks 500+250=750 Total Hours 15+20 = 35

B. Pharm (Bachelor of Pharmacy)

SEMESTER – VI

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091601	Pharmaceutics – VII	3	0	0	30	70	100	3	3
2	091602	Pharmaceutical Chemistry – VI	3	0	0	30	70	100	3	3
3	091603	Pharmacognosy - V	3	0	0	30	70	100	3	3
4	091604	Pharmacology - II	3	0	0	30	70	100	3	3
5	091605	Pharmaceutical Analysis - III	3	0	0	30	70	100	3	3
							Total	500	15	15
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091601P	Pharmaceutics – VII	0	0	4	20	30	50	2	4
2	091602P	Pharmaceutical Chemistry – VI	0	0	4	20	30	50	2	4
3	091603P	Pharmacognosy - V	0	0	4	20	30	50	2	4
4	091604P	Pharmacology - II	0	0	4	20	30	50	2	4
5	091605P	Pharmaceutical Analysis - III	0	0	4	20	30	50	2	4
							Total	250	10	20

MSE (Internal Evaluation), ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 15+10 = 25 Total Marks 500+250=750 Total Hours 15+20 = 35

B. Pharm (Bachelor of Pharmacy)

SEMESTER – VII

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091701	Pharmaceutics – VIII	3	0	0	30	70	100	3	3
2	091702	Pharmacology – III	3	0	0	30	70	100	3	3
3	091703	Pharmaceutical Chemistry – VII	3	0	0	30	70	100	3	3
4	091704	Pharmaceutical Biotechnology	3	0	0	30	70	100	3	3
5	091705	Pharmaceutical industrial management	3	0	0	30	70	100	3	3
6	091706	Elective	3	0	0	30	70	100	3	3
							Total	600	18	18
S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091701P	Pharmaceutics – VIII	0	0	4	20	30	50	2	4
2	091702P	Pharmacology - III	0	0	4	20	30	50	2	4
3	091703P	Pharmaceutical Chemistry – VII	0	0	4	20	30	50	2	4
4	091706P	Elective	0	0	4	20	30	50	2	4
							Total	200	8	16

MSE (Internal Evaluation)., ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 18+8 = 26 Total Marks 600+200=800 Total Hours 18+16 = 34

B. Pharm (Bachelor of Pharmacy)

SEMESTER – VIII

S. N.	Course no.	**Subject (Theory)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	MSE	ESE	Sub Total		
1	091801	Pharmaceutics – IX	3	0	0	30	70	100	3	3
2	091802	Pharmaceutical Chemistry – VIII	3	0	0	30	70	100	3	3
3	091803	Pharmacognosy - VI	3	0	0	30	70	100	3	3
4	091804	Pharmacology - IV	3	0	0	30	70	100	3	3
							Total	400	12	12

S. N.	Course no.	**Subject (Practical / Project)**	Period			Evaluation scheme			Credit	Hours
			L	T	P	CPA	ESE	Sub Total		
1	091801P	Pharmaceutics – IX	0	0	4	20	30	50	2	4
2	091802P	Pharmaceutical Chemistry – VIII	0	0	4	20	30	50	2	4
3	091803P	Pharmacognosy - VI	0	0	4	20	30	50	2	4
4	091805P	Project Work & Viva-voce	0	0	12	40	60	100	10	12
							Total	250	16	24

MSE (Internal Evaluation), ESE - End Semester Examination.

CPA (Internal Evaluation)

Total Credits: 12+16 = 28 Total Marks 400+250=650 Total Hours 12+24 = 36