



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Mechanical Engineering)

SEMESTER: I SEMESTER

s. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment /Quiz					
1	MA110	Mathematics- I	60	30	10	0	0	0	3	1	0	4	
2	CY110	Chemistry	60	30	10	10	20	20	2	1	2	4	
3	HU110	English	60	30	10	10	20	20	3	0	2	4	
4	CE110	Engineering Mechanics	60	30	10	10	20	20	2	1	2	4	
5	ME111	Engineering Graphics	60	30	10	0	0	50	2	0	4	4	
6	ML110	Environmental Sciences	0	0	0	0	0	100	1	0	2	2*	
7	ME110	Introduction to Mechanical Engineering	0	0	0	0	0	100	0	0	4	2*	
8	HU111	Communication	0	0	0	0	0	100	0	2	0	2*	Total Marks
			300	150	50	30	60	410	13	5	16	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ML110, ME110, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Civil Engineering)

SEMESTER: I SEMESTER

s. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment /Quiz					
1	MA110	Mathematics- I	60	30	10	0	0	0	3	1	0	4	
2	CY110	Chemistry	60	30	10	10	20	20	2	1	2	4	
3	HU110	English	60	30	10	10	20	20	3	0	2	4	
4	CE110	Engineering Mechanics	60	30	10	10	20	20	2	1	2	4	
5	ME111	Engineering Graphics	60	30	10	0	0	50	2	0	4	4	
6	ML110	Environmental Sciences	0	0	0	0	0	100	1	0	2	2*	
7	CE111	Introduction to Civil Engineering	0	0	0	0	0	100	0	0	4	2*	
8	HU111	Communication	0	0	0	0	0	100	0	2	0	2*	Total Marks
			300	150	50	30	60	410	13	5	16	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ML110, CE111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Electronics & Communication Engineering)

SEMESTER: I SEMESTER

s. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment /Quiz					
1	MA110	Mathematics- I	60	30	10	0	0	0	3	1	0	4	
2	PH110	Physics	60	30	10	10	20	20	2	1	2	4	
3	HU110	English	60	30	10	10	20	20	3	0	2	4	
4	CE110	Engineering Mechanics	60	30	10	10	20	20	2	1	2	4	
5	ME111	Engineering Graphics	60	30	10	0	0	50	2	0	4	4	
6	ML110	Environmental Sciences	0	0	0	0	0	100	1	0	2	2*	
7	EC110	Introduction to Electronics Engineering	0	0	0	0	0	100	0	0	4	2*	
8	HU111	Communication	0	0	0	0	0	100	0	2	0	2*	Total Marks
			300	150	50	30	60	410	13	5	16	26	1000

L: Lecture T: Tutorial P: Practical

Note: * For ML110, EC111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Computer Science & Engineering)

SEMESTER: I SEMESTER

s. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment /Quiz					
1	MA110	Mathematics- I	60	30	10	0	0	0	3	1	0	4	
2	PH110	Physics	60	30	10	10	20	20	2	1	2	4	
3	HU110	English	60	30	10	10	20	20	3	0	2	4	
4	EC111	Fundamentals of Electronics Engineering	60	30	10	10	20	20	2	1	2	4	
5	ME111	Engineering Graphics	60	30	10	0	0	50	2	0	4	4	
6	ML110	Environmental Sciences	0	0	0	0	0	100	1	0	2	2*	
7	CS111	Introduction to Computer Science & Engineering	0	0	0	0	0	100	0	0	4	2*	
8	HU111	Communication	0	0	0	0	0	100	0	2	0	2*	Total Marks
			300	150	50	30	60	410	13	5	16	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ML110, CS111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Information Technology)

SEMESTER: I SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment /Quiz					
1	MA110	Mathematics- I	60	30	10	0	0	0	3	1	0	4	
2	PH110	Physics	60	30	10	10	20	20	2	1	2	4	
3	HU110	English	60	30	10	10	20	20	3	0	2	4	
4	EC111	Fundamentals of Electronics Engineering	60	30	10	10	20	20	2	1	2	4	
5	ME111	Engineering Graphics	60	30	10	0	0	50	2	0	4	4	
6	ML110	Environmental Sciences	0	0	0	0	0	100	1	0	2	2*	
7	IT110	Introduction to Information Technology	0	0	0	0	0	100	0	0	4	2*	
8	HU111	Communication	0	0	0	0	0	100	0	2	0	2*	Total Marks
			300	150	50	30	60	410	13	5	16	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ML110, IT110, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Mechanical Engineering)

SEMESTER: II SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment/Quiz					
1	MA111	Mathematics- II	60	30	10	0	0	0	3	1	0	4	
2	PH110	Physics	60	30	10	10	20	20	2	1	2	4	
3	EE111	Fundamentals of Electrical Engineering	60	30	10	10	20	20	1	1	2	3	
4	EC111	Fundamentals of Electronics Engineering	60	30	10	10	20	20	1	1	2	3	
5	ME112	Concepts in Engineering Design	60	30	10	0	0	0	2	1	0	3	
6	ME113	Manufacturing Practices	0	0	0	0	50	50	1	0	4	3*	
7	CS110	Computer Programming	0	0	0	0	50	50	2	0	2	3*	
8	HU112	Rural Outreach	0	0	0	0	0	150	0	0	6	3*	
			300	150	50	30	160	310	12	5	18	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Civil Engineering)

SEMESTER: II SEMESTER

s. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment/Quiz					
1	MA111	Mathematics- II	60	30	10	0	0	0	3	1	0	4	
2	PH110	Physics	60	30	10	10	20	20	2	1	2	4	
3	CE112	Introduction to Surveying	60	30	10	10	20	20	1	1	2	3	
4	EC111	Fundamentals of Electronics Engineering	60	30	10	10	20	20	1	1	2	3	
5	ME112	Concepts in Engineering Design	60	30	10	0	0	0	2	1	0	3	
6	ME113	Manufacturing Practices	0	0	0	0	50	50	1	0	4	3*	
7	CS110	Computer Programming	0	0	0	0	50	50	2	0	2	3*	
8	HU112	Rural Outreach	0	0	0	0	0	150	0	0	6	3*	
			300	150	50	30	160	310	12	5	18	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Electronics & Communication Engineering)

SEMESTER: II SEMESTER

s. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment/Quiz					
1	MA111	Mathematics- II	60	30	10	0	0	0	3	1	0	4	
2	CY110	Chemistry	60	30	10	10	20	20	2	1	2	4	
3	EE111	Fundamentals of Electrical Engineering	60	30	10	10	20	20	1	1	2	3	
4	EC112	Electronics-I	60	30	10	10	20	20	1	1	2	3	
5	ME112	Concepts in Engineering Design	60	30	10	0	0	0	2	1	0	3	
6	ME113	Manufacturing Practices	0	0	0	0	50	50	1	0	4	3*	
7	CS110	Computer Programming	0	0	0	0	50	50	2	0	2	3*	
8	HU112	Rural Outreach	0	0	0	0	0	150	0	0	6	3*	Total Marks
			300	150	50	30	160	310	12	5	18	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Computer Science & Engineering)

SEMESTER: II SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment/Quiz					
1	MA111	Mathematics- II	60	30	10	0	0	0	3	1	0	4	
2	CY110	Chemistry	60	30	10	10	20	20	2	1	2	4	
3	CS112	Fundamentals of Computer Science & Engineering	60	30	10	10	20	20	1	1	2	3	
4	CS113	Data Structure- I	60	30	10	10	20	20	1	1	2	3	
5	ME112	Concepts in Engineering Design	60	30	10	0	0	0	2	1	0	3	
6	ME113	Manufacturing Practices	0	0	0	0	50	50	1	0	4	3*	
7	CS110	Computer Programming	0	0	0	0	50	50	2	0	2	3*	
8	HU112	Rural Outreach	0	0	0	0	0	150	0	0	6	3*	
			300	150	50	30	160	310	12	5	18	26	Total Marks

L: Lecture

T: Tutorial

P: Practical

Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.



Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f. September 07, 2015

Bachelor of Engineering (Information Technology)

SEMESTER: II SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab work	Assignment/Quiz					
1	MA111	Mathematics- II	60	30	10	0	0	0	3	1	0	4	
2	CY110	Chemistry	60	30	10	10	20	20	2	1	2	4	
3	EE111	Fundamentals of Electrical Engineering	60	30	10	10	20	20	1	1	2	3	
4	IT111	Data Structure-I	60	30	10	10	20	20	1	1	2	3	
5	ME112	Concepts in Engineering Design	60	30	10	0	0	0	2	1	0	3	
6	ME113	Manufacturing Practices	0	0	0	0	50	50	1	0	4	3*	
7	CS110	Computer Programming	0	0	0	0	50	50	2	0	2	3*	
8	HU112	Rural Outreach	0	0	0	0	0	150	0	0	6	3*	Total Marks
			300	150	50	30	160	310	12	5	18	26	1000

L: Lecture

T: Tutorial

P: Practical

Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Choice Based Credit System (CBCS)
Scheme of Examination w.e.f.
Bachelor of Engineering (Electronics & Communication Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DE		Mathematics-III (Departmental Mathematics)	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC		Digital circuits & system	60	10	10	5	5	10	10	20	20	3	0	2	4
3.	DC		Network Analysis	60	10	10	5	5	10	10	20	20	3	0	2	4
4.	DC		Electronic Devices & Circuits	60	10	10	5	5	10	10	20	20	2	1	2	4
5.	DC		Measurements and Instrumentation	60	10	10	5	5	10	10	20	20	2	1	2	4
6.	HU		Communication Skills	60	10	10	5	5	10	10	20	20	1	-	2	2
7.	DC		Idea Generation	-	-	-	-	-	-	-	-	50	-	-	4	2*
8.	DC		Learning Through Experts	-	-	-	-	-	-	-	-	-	0	2	0	2*
			Total	360	60	60	30	30	60	40	80	130	14	5	14	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Choice Based Credit System (CBCS)
Scheme of Examination w.e.f.
Bachelor of Engineering (Information Technology)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DE		Mathematics-III (Departmental Mathematics)	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC		Analysis and Design of Algorithms	60	10	10	5	5	10	-	-	-	3	1	-	4
3.	DC		Digital Circuit and System	60	10	10	5	5	10	10	20	20	3	0	2	4
4.	DC		Object Oriented Programming & Methodology	60	10	10	5	5	10	10	20	20	2	1	2	4
5.	DC		Discrete Structure	60	10	10	5	5	10	-	-	-	3	1	-	4
6	HU		Communication Skills	60	10	10	5	5	10	10	20	20	1	-	2	2
7.	DC		Idea Generation	-	-	-	-	-	-	-	-	50	-	-	4	2*
8.	DC		Learning Through Experts	-	-	-	-	-	-	-	-	-	0	2	0	2*
			Total	360	60	60	30	30	60	30	60	110	15	6	10	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Choice Based Credit System (CBCS)
Scheme of Examination w.e.f.
Bachelor of Engineering (Mechanical Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	EAS		Material Science	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC		Strength of Materials	60	10	10	5	5	10	10	20	20	2	1	2	4
3.	DC		Theory of Machines & Mechanisms	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	DC		Thermodynamics	60	10	10	5	5	10	-	-	-	3	1	0	4
5.	DC		Manufacturing Process	60	10	10	5	5	10	10	20	20	2	1	2	4
6.	HU		Communication Skills	60	10	10	5	5	10	10	20	20	1	-	2	2
7.	DC		Idea Generation	-	-	-	-	-	-	-	-	50	-	-	4	2*
8.	DC		Learning Through Experts	-	-	-	-	-	-	-	-	-	0	2	0	2*
			Total	360	60	60	30	30	60	40	80	130	13	7	12	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- For Material Science, 60% content will be common to all disciplines and 40% content will be based on parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Choice Based Credit System (CBCS)
Scheme of Examination w.e.f.
Bachelor of Engineering (Civil Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	EAS		Material Science	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC		Fluid Mechanics	60	10	10	5	5	10	10	20	20	3	0	2	4
3.	DC		Strength of Materials	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	DC		Advance Surveying, & Remote Sensing	60	10	10	5	5	10	10	20	20	3	0	2	4
5.	DC		Geology	60	10	10	5	5	10	10	20	20	3	-	2	4
6.	HU		Communication Skills	60	10	10	5	5	10	10	20	20	1	-	2	2
7.	DC		Idea Generation	-	-	-	-	-	-	-	-	50	-	-	4	2*
8.	DC		Learning Through Experts	-	-	-	-	-	-	-	-	-	0	2	0	2*
			Total	360	60	60	30	30	60	50	100	150	15	4	14	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- For Material Science, 60% content will be common to all disciplines and 40% content will be based on parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Computer Science & Engg)

S. No.	Subject Category	Subject Code	Subject Name	Maximum marks allotted									Hours /Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem	Minor-I	Minor-II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce / Assign				
1.		CS-301	Discrete Structures	60	10	10	5	5	10	-	-	-				
2.		CS-302	Digital Circuit & Design	60	10	10	5	5	10	10	20	20				
3.		CS-303	Data Structures -II	60	10	10	5	5	10	10	20	20				
4.		CS-304	Computer System Organization	60	10	10	5	5	10	-	-	-				
5		CS-305	Electronic Devices & Circuit	60	10	10	5	5	10	10	20	20				
6		CS-306	Java Technologies	-	-	-	-	-	-	10	20	20				
7		CS-307	Computer Engineering Workshop	-	-	-	-	-	-	10	20	20				
8	HU	CS-308	Social Services & Volunteering	-	-	-	-	-	-	-	-	-				
			Total	300	50	50	25	25	50	50	100	100				

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Electronics & Communication Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DC		Signals and Systems	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	EAS		System Engineering	60	10	10	5	5	10	-	-	-	3	1	-	4
3.	DC		Integrated Circuits and its Applications	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	DC		Communication Systems	60	10	10	5	5	10	10	20	20	3	0	2	4
5.	DC		Control Systems	60	10	10	5	5	10	-	-	-	3	1	-	4
6.	EAS		Material Science	60	10	10	5	5	10	-	-	-	3	1	-	4
7.	EAS		Simulation Lab	-	-	-	-	-	-	10	20	20	-	-	4	2*
8.	HU		NSS/NCC	-	-	-	-	-	-	-	-	-	-	-	-	Qualifier*
Total				360	60	60	30	30	60	30	60	60	17	5	8	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'Simulation Lab' there will be no examination and credits will be awarded only on the basis of internal assessment.
- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.
- For Material Science, 60% content will be common to all disciplines and 40% content will be based on parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Information Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DC		Data Base Management System	60	10	10	5	5	10	10	20	20	2	1	2	4
2.	EAS		System Engineering	60	10	10	5	5	10	-	-	-	3	1	-	4
3.	DC		Operating System	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	DC		Communication Systems	60	10	10	5	5	10	10	20	20	3	0	2	4
5.	DC		Computer Architecture	60	10	10	5	5	10	-	-	-	3	1	-	4
6.	EAS		Material Science	60	10	10	5	5	10	-	-	-	3	1	-	4
7.	EAS		JAVA	-	-	-	-	-	-	10	20	20	-	-	4	2*
8.	HU		NSS/NCC	-	-	-	-	-	-	-	-	-	-	-	-	Qualifier*
Total				360	60	60	30	30	60	40	80	80	16	5	10	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'JAVA' there will be no examination and credits will be awarded only on the basis of internal assessment.
- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.
- For Material Science, 60% content will be common to all disciplines and 40% content will be based on parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Mechanical Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory					Practical				L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DC		Fluid Mechanics	60	10	10	5	5	10	10	20	20	3	0	2	4
2.	EAS		System Engineering	60	10	10	5	5	10	-	-	-	3	1	-	4
3.	DC		Machine Drawing & CAD	60	10	10	5	5	10	10	20	20	3	-	2	4
4.	DC		Energy Conversion	60	10	10	5	5	10	10	20	20	2	1	2	4
5.	DC		Machine Design-I	60	10	10	5	5	10	-	-	-	3	1	-	4
6.	DE		Mathematics-III	60	10	10	5	5	10	-	-	-	3	1	-	4
7.	EAS		Computer Programming	-	-	-	-	-	-	10	20	20	-	-	4	2*
8.	HU		NSS/NCC	-	-	-	-	-	-	-	-	-	-	-	-	Qualifier*
Total				360	60	60	30	30	60	40	80	80	17	4	10	26

L: Lecture T: Tutorial P: Practical

Note:

- For 'Computer Programming' there will be no examination and credits will be awarded only on the basis of internal assessment.
- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER IV

S. No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical			L	T	P	
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/Assignment				
1.	DC		Concrete Technology	60	10	10	5	5	10	10	20	20	2	1	2	4
2.	EAS		System Engineering	60	10	10	5	5	10	-	-	-	3	1	-	4
3.	DC		Water Supply & Waste Water Engineering	60	10	10	5	5	10	10	20	20	3	0	2	4
4.	DC		Structural Analysis-I	60	10	10	5	5	10	-	-	-	3	1	0	4
5.	DC		Building Planning & Architecture	60	10	10	5	5	10	10	20	20	2	1	2	4
6.	DE		Mathematics-III	60	10	10	5	5	10	-	-	-	3	1	-	4
7.	EAS		Programming Tools	-	-	-	-	-	-	10	20	20	-	-	4	2*
8.	HU		NSS/NCC	-	-	-	-	-	-	-	-	-	-	-	-	Qualifier*
Total				360	60	60	30	30	60	40	80	80	16	5	10	26

L: Lecture T: Tutorial P: Practical

Note:

- For '*' there will be no examination and credits will be awarded only on the basis of internal assessment.
- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline.

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Credit Based Grading System (CBGS) w.e.f. July 2017

Scheme of Examination

Bachelor of Engineering B.E. (Civil Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2017 Academic Session-2017-18

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted							Hours / week.			Total Credits	Remarks
			Theory			Practical			Total Marks	L	T	P		
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper						
1	BE-3001	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	CE-4002	Concrete Technology	70	20	10	30	10	10	150	3	1	2	6	
3	CE-4003	Water Supply & Waste Water Engineering-I	70	20	10	30	10	10	150	3	1	2	6	
4	CE-4004	Building Planning & Architecture	70	20	10	30	10	10	150	3	1	2	6	
5	CE-4005	Structural Analysis-I	70	20	10	-	-	-	100	3	1	-	4	
6	CE-4006	Computer Programming	-	-	-	30	10	10	50	-	-	2	2	
7	CE-4007	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	CE-4008	Professional Ethics (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	Total Marks
			350	100	50	120	40	140	800	15	5	12	32	800

MST: Minimum of two mid semester tests to be conducted.

L: Lecture T: Tutorial P: Practical

Rajiv Gandhi Proudhogiki Vishwavidyalaya, Bhopal

Credit Based Grading System (CBGS) w.e.f. July 2017

Scheme of Examination

Bachelor of Engineering B.E. (Computer Science & Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2017 Academic Session-2017-18

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted							Hours / week.			Total Credits	Remarks
			Theory			Practical			Total Marks	L	T	P		
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper						
1	ES-3001	Energy, Environment, Ecology & Society	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	CS-4002	Computer System Organization	70	20	10	30	10	10	150	3	1	2	6	
3	CS-4003	Analog & Digital communication	70	20	10	30	10	10	150	3	1	2	6	
4	CS-4004	Analysis & Design of algorithm	70	20	10	30	10	10	150	3	1	2	6	
5	CS-4005	Theory of computation	70	20	10	-	-	-	100	3	1	-	4	
6	CS-4006	Computer Programming-II (Programming System (any one))	-	-	-	30	10	10	50	-	-	2	2	
		(a.) Dot Net Technology (b.) Python (c.) MATLAB												
7	CS-4007	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	CS-4008	Professional Ethics (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
			350	100	50	120	40	140	800	15	5	12	32	Total Marks 800

MST: Minimum of two mid semester tests to be conducted.

L: Lecture T: Tutorial P: Practical

Rajiv Gandhi Proudhogiki Vishwavidyalaya, Bhopal

Credit Based Grading System (CBGS) w.e.f. July 2017

Scheme of Examination

Bachelor of Engineering B.E. (Electronics & Communication Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2017 Academic Session-2017-18

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted						Hours / week.			Total Credits	Remarks	
			Theory			Practical			Total Marks	L	T			P
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper						
1	BE-3001	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	EC-4002	Signal and Systems	70	20	10	30	10	10	150	3	1	2	6	
3	EC-4003	Integrated Circuits and its Applications	70	20	10	30	10	10	150	3	1	2	6	
4	EC-4004	Communication Systems	70	20	10	30	10	10	150	3	1	2	6	
5	EC-4005	Control Systems	70	20	10	-	-	-	100	3	1	-	4	
6	EC-4006	Simulation Lab	-	-	-	30	10	10	50	-	-	2	2	
7	EC-4007	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	EC-4008	Professional Ethics (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
			350	100	50	120	40	140	800	15	5	12	32	800

MST: Minimum of two mid semester tests to be conducted.

L: Lecture T: Tutorial P: Practical

Rajiv Gandhi Proudhogiki Vishwavidyalaya, Bhopal

Credit Based Grading System (CBGS) w.e.f. July 2017

Scheme of Examination

Bachelor of Engineering B.E.(Information Technology)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2017 Academic Session-2017-18

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted							Hours / week.			Total Credits	Remarks
			Theory			Practical			Total Marks	L	T	P		
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper						
1	ES-3001	Energy, Environment, Ecology & Society	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	IT-4002	Data Base Management System	70	20	10	30	10	10	150	3	1	2	6	
3	IT-4003	Operating System	70	20	10	30	10	10	150	3	1	2	6	
4	IT-4004	Communication Systems	70	20	10	30	10	10	150	3	1	2	6	
5	IT-4005	Computer Architecture	70	20	10	-	-	-	100	3	1	-	4	
6	IT-4006	Computer Programming-II (Dot Net Technology)	-	-	-	30	10	10	50	-	-	2	2	
7	IT-4007	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	IT-4008	Professional Ethics (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
			350	100	50	120	40	140	800	15	5	12	32	800

MST: Minimum of two mid semester tests to be conducted.

L: Lecture T: Tutorial P: Practical

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Credit Based Grading System (CBGS) w.e.f. July 2017

Scheme of Examination

Bachelor of Engineering B.E. (Mechanical Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2017 Academic Session-2017-18

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted							Hours / week.			Total Credits	Remarks
			Theory			Practical			Total Marks	L	T	P		
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper						
1	BE-3001	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	ME-4002	Fluid Mechanics	70	20	10	30	10	10	150	3	1	2	6	
3	ME-4003	Machine Drawing & CAD	70	20	10	30	10	10	150	3	1	2	6	
4	ME-4004	Energy Conversion	70	20	10	30	10	10	150	3	1	2	6	
5	ME-4005	Machine Design	70	20	10	-	-	-	100	3	1	-	4	
6	ME-4006	Computer Programming-II	-	-	-	30	10	10	50	-	-	2	2	
7	ME-4007	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	ME-4008	Professional Ethics (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
			350	100	50	120	40	140	800	15	5	12	32	800

MST: Minimum of two mid semester tests to be conducted.

L: Lecture

T: Tutorial

P: Practical