Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Electrical Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DE**		**Mathematics-III (Departmental Mathematics)**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Electrical Measurements and Instrumentation**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
3.	**DC**		**Network Analysis**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**4**
4.	**DC**		**Analog Electronics**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Signals and Systems**	**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	40	80	130	14	6	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.
- 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 (Electrical Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Electrical Machine-I**	**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**		**Digital Electronics Logic Design**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Power System -I**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
5.	**DC**		**Control Systems**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
6.	**EAS**		**Material Science**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
7.	EAS		Residential Load Simulation Lab	-	-	-	-	-	-	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 'Residential Load 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 (Electronics & Communication Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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 (Electronics & Communication Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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 (Electronics & Instrumentation Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DE**		**Mathematics-III (Departmental Mathematics)**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Signals and Systems**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
3.	**DC**		**Electronic Devices & Circuits**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**4**
4.	**DC**		**Fundamentals of Measurement**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Circuits analysis & synthesis**	**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	6	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.
- 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 (Electronics & Instrumentation Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Data Structures**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**EAS**		**System Engineering**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
3.	**DC**		**Analog Electronics**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Sensors and Transducers**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Digital Electronics**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**0**	**2**	**4**
6.	**EAS**		**Material Science**	**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 'Programming Tools' 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.
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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						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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:

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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						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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.
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- 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 (Biomedical Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DE**		**Mathematics-III (Departmental Mathematics)**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Sensors & Transducers for Biomedical Measurements**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	4
3.	**DC**		**Electronic Devices and Circuits**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**4**
4.	**DC**		**Human Physiology**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Network Analysis**	**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	40	80	130	14	6	12	26

L: Lecture **T: Tutorial** **P: Practical**

Note:

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Biomedical Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Digital Circuits and Systems**	**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**		**Analog Electronics**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Clinical Laboratory Equipments**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
5.	**DC**		**Microprocessors and Interfacing**	**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 (MATLAB)	-	-	-	-	-	-	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:

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Electrical & Electronics Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DE**		**Mathematics-III**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Electrical Measurements and Instrumentation**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
3.	**DC**		**Network Analysis**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**4**
4.	**DC**		**Analog Electronics**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Signals and Systems**	**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	40	80	130	14	6	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.
- 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 (Electrical & Electronics Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Electrical Machine-I**	**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**		**Digital Electronics Logic Design**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Power System -I**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
5.	**DC**		**Control Systems**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
6.	**EAS**		**Material Science**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
7.	EAS		Residential Load Simulation Lab	-	-	-	-	-	-	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 'Residential Load Simulation Lab' there will be no examination and credits will be awarded only on the basis of internal assessment.
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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Automobile Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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:

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Automobile Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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	5	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.
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- 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						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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:

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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						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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:

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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						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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**

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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						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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**

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Fire Technology & Safety Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**EAS**		**Material Science**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Town Planning & Safety in Construction**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
3.	**DC**		**Strength of Materials**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**4**
4.	**DC**		**Heavy Vehicles & Automobile Engineering & Safety**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Building Planning & Architecture**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**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	30	60	110	14	6	12	26

L: Lecture **T: Tutorial** **P: Practical**

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Fire Technology & Safety Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Safety Management**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**EAS**		**System Engineering**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
3.	**DC**		**Rescue Equipments & Techniques**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Electrical Fire Safety**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Fluid Mechanics**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**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	16	5	10	26

L: Lecture **T: Tutorial** **P: Practical**

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Mining Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**EAS**		**Material Science**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Geology- I**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
3.	**DC**		**Mining Environment-I**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Mining Surveying – I**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Rock Mechanics**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**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	6	12	26

L: Lecture **T: Tutorial** **P: Practical**

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Mining Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Drilling & Blasting**	**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**		**Geology -II**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
4.	**DC**		**Underground Coal mining**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Mining Machinery -I**	**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		Computer Programming	-	-	-	-	-	-	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:

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Industrial Production Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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:

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Industrial Production Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
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**

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Chemical Engineering)

Semester: III

S. No.	Subject Category	Subject Code	Subject Name	Maximum marks allotted									Hours /Week			Total Credits
				Theory						Practical						
				End Sem	Minor-I	Minor-II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce / Assign	L	T	P	
1.	DC		Chemical Instrumentation	60	10	10	5	5	10	10	20	20	2	1	2	4
2.	DC		Material and Energy Balance	60	10	10	5	5	10	10	20	20	3	0	2	4
3.	DC		Advance Engineering Chemistry	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	EAS		Material Science	60	10	10	5	5	10	-	-	-	3	1	-	4
5.	DC		Chemical Engineering Thermodynamics	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**	**40**	**80**	**130**	**14**	**6**	**12**	**26**

L: Lecture T: Tutorial P: Practical

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Chemical Engineering)

Semester: IV

S. No.	Subject Category	Subject Code	Subject Name	Maximum marks allotted									Hours /Week			Total Credits
				Theory						Practical						
				End Sem	Minor-I	Minor-II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce / Assign	L	T	P	
1.	EAS		System Engineering	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC		Fluid Particle Mechanics	60	10	10	5	5	10	10	20	20	3	0	2	4
3.	DC		Fluid Mechanics	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	DC		Inorganic Process Technology	60	10	10	5	5	10	-	-	-	3	1	-	4
5.	DC		Fuel Technology	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		Computer Programming	-	-	-	-	-	-	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**

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Textile Engineering)

Semester: III

S. No.	Subject Category	Subject Code	Subject Name	Maximum marks allotted									Hours /Week			Total Credits
				Theory						Practical						
				End Sem	Minor-I	Minor-II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce / Assign	L	T	P	
1.	DC		Fabric Manufactruing-I	60	10	10	5	5	10	10	20	20	2	1	2	4
2.	DC		Weaving Preparation	60	10	10	5	5	10	10	20	20	3	0	2	4
3.	DC		Yarn Manufacturing-I	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	EAS		Fibre Science	60	10	10	5	5	10	-	-	-	3	1	-	4
5.	DC		Dyeing Preparation	60	10	10	5	5	10	-	-	-	3	1	-	4
6	HU		Communication Skill	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	6	12	26

L: Lecture T: Tutorial P: Practical

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Textile Engineering)

Semester: IV

S. No.	Subject Category	Subject Code	Subject Name	Maximum marks allotted									Hours /Week			Total Credits
				Theory						Practical						
				End Sem	Minor-I	Minor-II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce / Assign	L	T	P	
1.	EAS		System Engineering	60	10	10	5	5	10	-	-	-	3	1	-	4
2.	DC		Yarn Manufacturing-II	60	10	10	5	5	10	10	20	20	3	0	2	4
3.	DC		Textile Chemistry-I	60	10	10	5	5	10	10	20	20	2	1	2	4
4.	DC		Statistic and Quality Control in Textile	60	10	10	5	5	10	-	-	-	3	1	-	4
5.	DC		Fabric Manufacturing-II	60	10	10	5	5	10	10	20	20	3	0	2	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

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Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Computer Science & Engineering)

SEMESTER III

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DE**		**Mathematics-III (Departmental Mathematics)**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
2.	**DC**		**Electronic Devices & Circuits**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
3.	**DC**		**Digital Circuit & Design**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**3**	**0**	**2**	**4**
4.	**DC**		**Data Structures-II**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
5.	**DC**		**Discrete Structures**	**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	40	80	130	14	6	12	26

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Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Computer Science & Engineering)

SEMESTER IV

S.No.	Subject Category	Subject Code	Subject Name	Maximum Marks Allotted									Hours/Week			Total Credits
				Theory						Practical						
				End Sem.	Minor I	Minor II	Quiz	Assignments	Tutorials/Problem Solving	End Sem	Lab Work	Viva Voce/ Assignment	L	T	P	
1.	**DC**		**Computer System Organization**	**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**		**Analog & Digital communication**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
4.	**DC**		**Theory of computation**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
5.	**DC**		**Analysis & Design of algorithm**	**60**	**10**	**10**	**5**	**5**	**10**	**10**	**20**	**20**	**2**	**1**	**2**	**4**
6.	**EAS**		**Material Science**	**60**	**10**	**10**	**5**	**5**	**10**	**-**	**-**	**-**	**3**	**1**	**-**	**4**
7.	EAS		Programming System (any one) (a)Java (b) Dot Net Technology (c)Python (d) MATLAB	-	-	-	-	-	-	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**

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