

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

## **Semester IV**

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

Scheme of Examination

Bachelor of Technology B.Tech. (Agriculture 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 Mark s					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	BT-4001	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	AT -4002	Farm Machinery-I	70	20	10	30	10	10	150	3	1	2	6	
3	AT -4003	Agriculture Production Technology - II	70	20	10	30	10	10	150	3	1	2	6	
4	AT -4004	Soil Technology –II	70	20	10	30	10	10	150	3	1	2	6	
5	AT -4005	Hydrology	70	20	10	-	-	-	100	3	1	-	4	
6	AT -4006	Computer Programming-II	-	-	-	30	10	10	50	-	-	2	2	
7	AT -4007	Programming Tools (Decided by BOS) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	AT -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

\*\* OR any other subject as suggested by the respective BOS

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

## **Semester IV**

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

Scheme of Examination

Bachelor of Technology B.Tech. (Automobile 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>AU-4002</b>	Fluid Mechanics	70	20	10	30	10	10	150	3	1	2	6	
3	<b>AU-4003</b>	Machine Drawing & CAD	70	20	10	30	10	10	150	3	1	2	6	
4	<b>AU-4004</b>	Energy Conversion	70	20	10	30	10	10	150	3	1	2	6	
5	<b>AU4005</b>	Machine Design-I	70	20	10	-	-	-	100	3	1	-	4	
6	<b>AU-4006</b>	Computer Programming-II	-	-	-	30	10	10	50	-	-	2	2	
7	<b>AU-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>AU-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (Biomedical 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>BM-4002</b>	Digital Circuits and Systems	70	20	10	30	10	10	150	3	1	2	6	
3	<b>BM-4003</b>	Analog Electronics	70	20	10	30	10	10	150	3	1	2	6	
4	<b>BM-4004</b>	Microprocessors and Interfacing	70	20	10	30	10	10	150	3	1	2	6	
5	<b>BM-4005</b>	Clinical Laboratory Equipments	70	20	10	-	-	-	100	3	1	-	4	
6	<b>BM-4006</b>	Simulation Lab (MATLAB)	-	-	-	30	10	10	50	-	-	2	2	
7	<b>BM-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>BM-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

Scheme of Examination

Bachelor of Technology B.Tech. (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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>CE-4002</b>	Concrete Technology	70	20	10	30	10	10	150	3	1	2	6	
3	<b>CE-4003</b>	Water Supply & Waste Water Engineering-I	70	20	10	30	10	10	150	3	1	2	6	
4	<b>CE-4004</b>	Building Planning & Architecture	70	20	10	30	10	10	150	3	1	2	6	
5	<b>CE-4005</b>	Structural Analysis-I	70	20	10	-	-	-	100	3	1	-	4	
6	<b>CE-4006</b>	Computer Programming-I	-	-	-	30	10	10	50	-	-	2	2	
7	<b>CE-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>CE-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

## **Semester IV**

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

Scheme of Examination

Bachelor of Technology B.Tech. (Chemical 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>CM-4002</b>	Fluid Particle Mechanics	70	20	10	30	10	10	150	3	1	2	6	
3	<b>CM-4003</b>	Fluid Mechanics	70	20	10	30	10	10	150	3	1	2	6	
4	<b>CM-4004</b>	Fuel Technology	70	20	10	30	10	10	150	3	1	2	6	
5	<b>CM-4005</b>	Inorganic Process Technology	70	20	10	-	-	-	100	3	1	-	4	
6	<b>CM-4006</b>	Computer Programming-II (Computer Aided Process Calculations)	-	-	-	30	10	10	50	-	-	2	2	
7	<b>CM-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>CM-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

Scheme of Examination

Bachelor of Technology B.Tech. (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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>CS-4002</b>	Computer System Organization	70	20	10	30	10	10	150	3	1	2	6	
3	<b>CS-4003</b>	Analog & Digital communication	70	20	10	30	10	10	150	3	1	2	6	
4	<b>CS-4004</b>	Analysis & Design of algorithm	70	20	10	30	10	10	150	3	1	2	6	
5	<b>CS-4005</b>	Theory of computation	70	20	10	-	-	-	100	3	1	-	4	
6	<b>CS-4006</b>	Computer Programming-II (Programming System (any one)) (a.) Dot Net Technology (b.) Python (c.) MATLAB	-	-	-	30	10	10	50	-	-	2	2	
7	<b>CS-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>CS-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (Electronics &amp; 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>EC-4002</b>	Signal and Systems	70	20	10	30	10	10	150	3	1	2	6	
3	<b>EC-4003</b>	Integrated Circuits and its Applications	70	20	10	30	10	10	150	3	1	2	6	
4	<b>EC-4004</b>	Communication Systems	70	20	10	30	10	10	150	3	1	2	6	
5	<b>EC-4005</b>	Control Systems	70	20	10	-	-	-	100	3	1	-	4	
6	<b>EC-4006</b>	Simulation Lab	-	-	-	30	10	10	50	-	-	2	2	
7	<b>EC-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	<b>EC-4008</b>	Professional Ethics ** (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
			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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (Electrical 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>EE-4002</b>	Electrical Machine-I	70	20	10	30	10	10	150	3	1	2	6	
3	<b>EE-4003</b>	Digital Electronics Logic Design	70	20	10	30	10	10	150	3	1	2	6	
4	<b>EE-4004</b>	Control Systems	70	20	10	30	10	10	150	3	1	2	6	
5	<b>EE-4005</b>	Power System -I	70	20	10	-	-	-	100	3	1	-	4	
6	<b>EE-4006</b>	Residential Load Simulation Lab	-	-	-	30	10	10	50	-	-	2	2	
7	<b>EE-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>EE-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS



# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (Electronics & Instrumentation 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BE-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>EI-4002</b>	Analog Electronics	70	20	10	30	10	10	150	3	1	2	6	
3	<b>EI-4003</b>	Sensors and Transducers	70	20	10	30	10	10	150	3	1	2	6	
4	<b>EI-4004</b>	Digital Electronics	70	20	10	30	10	10	150	3	1	2	6	
5	<b>EI-4005</b>	Data Structures	70	20	10	-	-	-	100	3	1	-	4	
6	<b>EI-4006</b>	Computer Programming-II (Software Tools)	-	-	-	30	10	10	50	-	-	2	2	
7	<b>EI-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>EI-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

# Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

## Semester IV

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

### Scheme of Examination

Bachelor of Technology B.Tech. (Electrical & Electronics 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		One credit refers to one hour teaching in theory, Tutorial and in practical.
1	BT-4001	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	
2	EX-4002	Electrical Machine-I	70	20	10	30	10	10	150	3	1	2	6	
3	EX-4003	Digital Electronics Logic Design	70	20	10	30	10	10	150	3	1	2	6	
4	EX-4004	Control Systems	70	20	10	30	10	10	150	3	1	2	6	
5	EX-4005	Power System -I	70	20	10	-	-	-	100	3	1	-	4	
6	EX-4006	Residential Load Simulation Lab	-	-	-	30	10	10	50	-	-	2	2	
7	EX-4007	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	EX-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

\*\* OR any other subject as suggested by the respective BOS

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

## **Semester IV**

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

Scheme of Examination

Bachelor of Technology B.Tech. (Fire Technology & Safety 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>FT-4002</b>	Rescue Equipments & Techniques	70	20	10	30	10	10	150	3	1	2	6	
3	<b>FT-4003</b>	Fire Fighting & Field Training-I	70	20	10	30	10	10	150	3	1	2	6	
4	<b>FT-4004</b>	Fluid Mechanics	70	20	10	30	10	10	150	3	1	2	6	
5	<b>FT-4005</b>	Safety Management	70	20	10	-	-	-	100	3	1	-	4	
6	<b>FT-4006</b>	Computer Programming (AutoCAD)	-	-	-	30	10	10	50	-	-	2	2	
7	<b>FT-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>FT-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

Scheme of Examination

Bachelor of Technology B.Tech. (Industrial Production 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>IP-4002</b>	Fluid Mechanics	70	20	10	30	10	10	150	3	1	2	6	
3	<b>IP-4003</b>	Machine Drawing & CAD	70	20	10	30	10	10	150	3	1	2	6	
4	<b>IP-4004</b>	Energy Conversion	70	20	10	30	10	10	150	3	1	2	6	
5	<b>IP-4005</b>	Machine Design-I	70	20	10	-	-	-	100	3	1	-	4	
6	<b>IP-4006</b>	Computer Programming-II	-	-	-	30	10	10	50	-	-	2	2	
7	<b>IP-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>IP-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>IT-4002</b>	Data Base Management System	70	20	10	30	10	10	150	3	1	2	6	
3	<b>IT-4003</b>	Operating System	70	20	10	30	10	10	150	3	1	2	6	
4	<b>IT-4004</b>	Communication Systems	70	20	10	30	10	10	150	3	1	2	6	
5	<b>IT-4005</b>	Computer Architecture	70	20	10	-	-	-	100	3	1	-	4	
6	<b>IT-4006</b>	Computer Programming-II (Dot Net Technology)	-	-	-	30	10	10	50	-	-	2	2	
7	<b>IT-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>IT-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>ME-4002</b>	Fluid Mechanics	70	20	10	30	10	10	150	3	1	2	6	
3	<b>ME-4003</b>	Machine Drawing & CAD	70	20	10	30	10	10	150	3	1	2	6	
4	<b>ME-4004</b>	Energy Conversion	70	20	10	30	10	10	150	3	1	2	6	
5	<b>ME-4005</b>	Machine Design-I	70	20	10	-	-	-	100	3	1	-	4	
6	<b>ME-4006</b>	Computer Programming-II	-	-	-	30	10	10	50	-	-	2	2	
7	<b>ME-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>ME-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS

**Semester IV****Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

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

## Scheme of Examination

Bachelor of Technology B.Tech. (Mining 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					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz/Term paper		L	T	P		
1	<b>BT-4001</b>	Mathematics-III	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	<b>MI-4002</b>	Drilling & Blasting	70	20	10	30	10	10	150	3	1	2	6	
3	<b>MI-4003</b>	Underground Coal Mining	70	20	10	30	10	10	150	3	1	2	6	
4	<b>MI-4004</b>	Mining Machinery -I	70	20	10	30	10	10	150	3	1	2	6	
5	<b>MI-4005</b>	Geology -II	70	20	10	-	-	-	100	3	1	-	4	
6	<b>MI-4006</b>	Computer Programming-II	-	-	-	30	10	10	50	-	-	2	2	
7	<b>MI-4007</b>	Programming Tools (Departmental Choice) (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	<b>Total Marks</b>
8	<b>MI-4008</b>	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

\*\* OR any other subject as suggested by the respective BOS