

Jabalpur Engineering College, Jabalpur

Semester VIII Credit Based Grading System (CBGS) w.e.f. July 2018

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 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Hours/Week			Total Credits	
			Theory			Practical		L	T	P		
			End. Sem.	Mid Sem. MST	Quiz, Assignme nt	End Sem.	Lab Work					Total Marks
1	CE8001	Structured Design & Drawing-IV (Steel)	70	20	10	30	20	150	3	1	2	6
2	CE8002	Estimating Costing & Tendering	70	20	10	30	20	150	3	1	2	6
3	CE8003	Elective-V	70	20	10	-	-	100	3	1	-	4
4	CE8004	Elective-VI	70	20	10	-	-	100	3	1	-	4
5	CE8005	Project-II	-	-	-	120	80	200	-	-	8	8
6	CE8006	Concrete Technology Lab (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
7	CE8007	Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
Total			280	80	40	180	220	800	12	4	16	32

MST: Minimum of two

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

L: Lecture T: Tutorial P: Practical

Department Elective-V (Three Subjects)			Department Elective-VI (Three Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	CE8003A	Prestressed Concrete	CE8004A	Advanced Water Resource Engineering	
2	CE8003B	Pavement Design	CE8004B	Air Quality Monitoring & Control	
3	CE8003C	Ground Improvement Techniques	CE8004C	FRP Composites	

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Semester VIII Credit Based Grading System (CBGS) w.e.f. July 2018

Scheme of Examination

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

Subject Wise Distribution of Marks and Corresponding Credits

Scheme of Examination w.e.f. July 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Hours/Week			Total Credits	
			Theory			Practical		Total Marks	L	T		P
			End. Sem.	Mid Sem. MST	Quiz, Assignmt	End Sem.	Lab Work					
1	CS8001	Machine Learning	70	20	10	30	20	150	3	1	2	6
2	CS8002	Computer Vision	70	20	10	30	20	150	3	1	2	6
3	CS8003	Elective- V	70	20	10	-	-	100	3	1	-	4
4	CS8004	Elective- VI	70	20	10	-	-	100	3	1	-	4
5	CS8005	Project- II	-	-	-	120	80	200	-	-	8	8
6	CS8006	Departmental Lab IV (WEKA)	-	-	-	-	50	50	-	-	2	2
7	CS8007	Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
Total			280	80	40	180	220	800	12	4	16	32

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

L: Lecture

T: Tutorial

P: Practical

Department Elective-V (Three Subjects)			Department Elective-VI (Three Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	CS8003A	Distributed System & Cloud Computing	CS8004A	Data Centre Management	
2	CS8003B	Optimization Techniques	CS8004B	Web Mining	
3	CS8003C	Natural Language Processing	CS8004C	Ethical Hacking	

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Semester VIII Credit Based Grading System (CBCS) w.e.f. July 2018

Scheme of Examination

Bachelor of Engineering B.E. (Electronics & Telecommunication Engineering)
Subject Wise Distribution of Marks and Corresponding Credits
Scheme of Examination w.e.f. July 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Hours/Week				
			Theory			Practical		Total Marks	L	T	P	Total Credits
			End. Sem.	Mid Sem. MST	Quiz, Assignm nt	End Sem.	Lab Work					
1	EC8001	Advance VLSI	70	20	10	30	20	150	3	1	2	6
2	EC8002	Advance Communication System	70	20	10	30	20	150	3	1	2	6
3	EC8003	Elective-V	70	20	10	-	-	100	3	1	-	4
4	EC8004	Elective-VI	70	20	10	-	-	100	3	1	-	4
5	EC8005	Project-II	-	-	-	120	80	200	-	-	8	8
6	EC8006	Department Choice Industrial (Internal Assessment) Visit	-	-	-	-	50	50	-	-	2	2
7	EC8007	Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
Total			280	80	40	180	220	800	12	4	16	32

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L: Lecture T: Tutorial P: Practical

Department Elective-V (Four Subjects)			Department Elective-VI (Four Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	EC8003A	Satellite Communication	EC8004A	Embedded System	
2	EC8003B	Principle of Mgt. & Manag. Eco.	EC8004B	Nano Electronics	
3	EC8003C	Robotics & Computer Vision	EC8004C	Customer Relationship Mgt.	
4	EC8003D	Quality Management	EC8004D	Speech & Audio Processing	

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Semester VIII Credit Based Grading System (CBGS) w.e.f. July 2018
Scheme of Examination

Bachelor of Engineering B.E. (Electrical Engineering)
Subject Wise Distribution of Marks and Corresponding Credits
Scheme of Examination w.e.f. July 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted						Hours/Week				Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End. Sem.	Mid Sem. MST	Quiz, Assignme nt	End Sem.	Lab Work						
1	EE8001	EHV AC & DC Transmission	70	20	10	30	20	150	3	1	2	6	
2	EE8002	Advance Electric Drives	70	20	10	30	20	150	3	1	2	6	
3	EE8003	Elective-V	70	20	10	-	-	100	3	1	-	4	
4	EE8004	Elective-VI	70	20	10	-	-	100	3	1	-	4	
5	EE8005	Project-II	-	-	-	120	80	220	-	-	8	8	
6	EE8006	Calibration/Testing Lab	-	-	-	-	50	50	-	-	2	2	
7	EE8007	Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
Total			280	80	40	180	220	800	12	4	16	32	

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Department Elective-V (Three Subjects)			Department Elective-VI (Three Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	EE8003A	SCADA Systems & Applications	EE8004A	Digital Image Processing	
2	EE8003B	Process Control	EE8004B	Power Quality	
3	EE8003C	Renewable & Non Conventional Energy Sources	EE8004C	Fuzzy Logic and Neural Network	

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Semester VIII Credit Based Grading System (CBGS) w.e.f. July 2018

Scheme of Examination

Bachelor of Engineering B.E. (Industrial & Production Engineering)

Subject Wise Distribution of Marks and Corresponding Credits

Scheme of Examination w.e.f. July 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Hours/Week				Total Credits
			Theory			Practical		Total Marks	L	T	P	
			End. Sem.	Mid Sem. MST	Quiz, Assignme nt	End Sem.	Lab Work					
1	IP8001	Computer Integrated Manufacturing	70	20	10	30	20	150	3	1	2	6
2	IP8002	Computer Aided Design	70	20	10	30	20	150	3	1	2	6
3	IP8003	Elective- V	70	20	10	-	-	100	3	1	-	4
4	IP8004	Elective-VI	70	20	10	-	-	100	3	1	-	4
5	IP8005	Project-II	-	-	-	120	80	200	-	-	8	8
6	IP8006	Departmental Choice (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
7	IP8007	Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
Total			280	80	40	180	220	800	12	4	16	32

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

L: Lecture

T: Tutorial

P: Practical

Department Elective-V (Four Subjects)			Department Elective-VI (Four Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	IP8003A	Entrepreneurship & Management Concept	IP8004A	Management Information System	
2	IP8003B	Industrial Psychology & Human Behavior	IP8004B	Work Design and Ergonomics	
3	IP8003C	Finite Element Methods	IP8004C	Computer Aided Manufacturing	
4	IP8003D	Research Methodology and Optimization Techniques	IP8004D	Concurrent Product Design	

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Semester VIII Credit Based Grading System (CBCS) w.e.f. July 2018

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 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted						Hours/Week				Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End. Sem.	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work						
1	IT8001	Information & Cyber Security	70	20	10	30	20	150	3	1	2	6	
2	IT8002	Data Mining	70	20	10	30	20	150	3	1	2	6	
3	IT8003	Elective-V	70	20	10	-	-	100	3	1	-	4	
4	IT8004	Elective-VI	70	20	10	-	-	100	3	1	-	4	
5	IT8005	Project-II	-	-	-	120	80	200	-	-	8	8	
6	IT8006	Expert Lecture On Cutting Edge Technology	-	-	-	-	50	50	-	-	2	2	
7	IT8007	Case Study/Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
Total			280	80	40	180	220	800	12	4	16	32	

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L: Lecture

T: Tutorial

P: Practical

Department Elective-V (Four Subjects)			Department Elective-VI (Four Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	IT8003A	Network Management	IT8004A	Software Project Management	
2	IT8003B	Sensor Network	IT8004B	Image Processing & GIS	
3	IT8003C	Data Analytics and Data Science	IT8004C	Big Data Technology	
4	IT8003D	Natural Language Processing	IT8004D	Information Storage Management	

Jabalpur Engineering College, Jabalpur

Semester VIII Credit Based Grading System (CBGS) w.e.f. July 2018

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 2018 Academic Session 2018-19

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Total Marks	Hours/Week			Total Credits
			Theory			Practical			L	T	P	
			End. Sem.	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work					
1	ME8001	Advance Machine Design	70	20	10	30	20	150	3	1	2	6
2	ME8002	Automobile Engineering	70	20	10	30	20	150	3	1	2	6
3	ME8003	Elective-V	70	20	10	-	-	100	3	1	-	4
4	ME8004	Elective-VI	70	20	10	-	-	100	3	1	-	4
5	ME8005	Project-II	-	-	-	120	80	200	-	-	8	8
6	ME8006	CAD/CAM/CIM Lab	-	-	-	-	50	50	-	-	2	2
7	ME8007	Group Discussion/Seminar (Internal Assessment)	-	-	-	-	50	50	-	-	2	2
Total			280	80	40	180	220	800	12	4	16	32

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L: Lecture T: Tutorial P: Practical

Department Elective-V (Three Subjects)			Department Elective-VI (Three Subjects)		
S.No.	Subject Code	Subject Name	Subject Code	Subject Name	
1	ME8003A	CAD/CAM/CIM	ME8004A	Energy Conservation & Audit	
2	ME8003B	Triboology	ME8004B	Product Design	
3	ME8003C	Advance Machining Processes	ME8004C	Maintenance Management	

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