

Jabalpur Engineering College, Jabalpur

Semester VI 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	Total Marks	
			Theory			Practical		Total Marks	L	T			P
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work						
1	CE6001	Water Resource Engineering -I	70	20	10	-	-	100	3	1	-	4	
2	CE6002	Structural Analysis-II	70	20	10	30	20	150	3	1	2	6	
3	CE6003	Structural Design & Drawing-II (Steel)	70	20	10	30	20	150	3	1	2	6	
4	CE6004	Environmental Engg-I	70	20	10	30	20	150	3	1	2	6	
5	CE6005	Elective-II	70	20	10	-	-	100	3	1	-	4	
6	CE6006	Minor Project (Departmental Choice)	-	-	-	30	20	50	-	-	2	2	
7	CE6007	Creativity and Entrepreneurship Development (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
8	CE6008	Startup / Industrial Lectures (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
Total			350	100	50	120	180	800	15	5	12	32	800

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

- Students have to go for Industrial Training /Internship of 4 weeks at the end of VI Semester.

L: Lecture

T: Tutorial

P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
CE6005A	IPR (Intellectual Property Right)
CE6005B	Geographical Information System
CE6005C	Solid Waste Management
CE6005D	Natural Disaster Mitigation and Management

[Signature]
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Semester VI 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	Total Marks	
			Theory			Practical		Total Marks	L	T			P
			End Sem	Mid Sem. MST	Quiz, Assign ment	End Sem.	Lab Work						
1	ME6001	Power Plant Engineering	70	20	10	-	-	100	3	1	-	4	
2	ME6002	Heat & Mass Transfer	70	20	10	30	20	150	3	1	2	6	
3	ME6003	Metal Cutting & Machine Tools	70	20	10	30	20	150	3	1	2	6	
4	ME6004	Industrial Engineering & Management	70	20	10	30	20	150	3	1	2	6	
5	ME6005	Elective-II	70	20	10	-	-	100	3	1	-	4	
6	ME6006	Departmental Lab-III (Simulation & Modeling Lab)	-	-	-	30	20	50	-	-	2	2	
7	ME6007	Creativity and Entrepreneurship Development (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
8	ME6008	Startup / Industrial Lectures (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
Total			350	100	50	120	180	800	15	5	12	32	800

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

- Students have to go for Industrial Training /Internship of 4 weeks at the end of VI Semester.

L: Lecture

T: Tutorial

P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
ME6005A	Solid Mechanics
ME6005B	IPR (Intellectual Property Right)
ME6005C	Total Quality Management & Statistical Quality Control
ME6005D	Finite Element Method

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

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-2017 (Academic Session-2017-18)

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Hours / week			Total Credits	Total Marks	
			Theory			Practical		Total Marks	Hours / week				
			End Sem	Mid Sem. MST	Quiz. Assignment	End Sem.	Lab Work		L	T			P
1	EE6001	Analog & Digital Communication	70	20	10	-	-	100	3	1	-	4	
2	EE6002	Power System Protection	70	20	10	30	20	150	3	1	2	6	
3	EE6003	Power System Analysis	70	20	10	30	20	150	3	1	2	6	
4	EE6004	Microprocessors & Microcontrollers	70	20	10	30	20	150	3	1	2	6	
5	EE6005	Elective-II	70	20	10	-	-	100	3	1	-	4	
6	EE6006	Departmental Lab-III (Electrical Software Lab II)	-	-	-	30	20	50	-	-	2	2	
7	EE6007	Creativity and Entrepreneurship Development (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
8	EE6008	Startup / Industrial Lectures (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
Total			350	100	50	120	180	800	15	5	12	32	800

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L: Lecture

T: Tutorial

P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
EE6005A	Control System
EE6005B	Intellectual Property Rights
EE6005C	Computational Mathematics
EE6005D	Electrical Machine Design

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

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-2017 (Academic Session-2017-18)

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted					Hours / week.			Total Credits	Total Marks	
			Theory			Practical		Total Marks	L	T			P
			End Sem	Mid Sem. MST	Quiz, Assign ment	End Sem.	Lab Work						
1	EC6001	Antenna & Wave Propagation	70	20	10	-	-	100	3	1	-	4	
2	EC6002	Microprocessor & Microcontroller	70	20	10	30	20	150	3	1	2	6	
3	EC6003	CMOS VLSI	70	20	10	30	20	150	3	1	2	6	
4	EC6004	Digital Signal Processing	70	20	10	30	20	150	3	1	2	6	
5	EC6005	Elective-II	70	20	10	-	-	100	3	1	-	4	
6	EC6006	Departmental Lab-III (Departmental Choice) VHDL/Verilog	-	-	-	30	20	50	-	-	2	2	
7	EC6007	Creativity and Entrepreneurship Development (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
8	EC6008	Startup / Industrial Lectures (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
Total			350	100	50	120	180	800	15	5	12	32	800

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

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L: Lecture

T: Tutorial

P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
EC6005A	IPR (Intellectual Property Right)
EC6005B	Data Communication & Computer Network
EC6005C	Power Electronics
EC6005D	Operating Systems

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Jabalpur Engineering College, Jabalpur

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	Total Marks	
			Theory		Practical		Total Marks	Hours / week.					
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.		Lab Work	L	T			P
1	CS6001	Artificial Intelligence	70	20	10	-	-	100	3	1	-	4	
2	CS6002	Computer Graphics & Multimedia	70	20	10	30	20	150	3	1	2	6	
3	CS6003	Wireless and Sensor Network	70	20	10	30	20	150	3	1	2	6	
4	CS6004	Software Engineering	70	20	10	30	20	150	3	1	2	6	
5	CS6005	Elective-II	70	20	10	-	-	100	3	1	-	4	
6	CS6006	Departmental Lab-III (Departmental Choice) Minor Project	-	-	-	30	20	50	-	-	2	2	
7	CS6007	Creativity and Entrepreneurship Development (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
8	CS6008	Startup / Industrial Lectures (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
			350	100	50	120	180	800	15	5	12	32	800

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

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L: Lecture

T: Tutorial

P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
CS6005A	IPR (Intellectual Property Right)
CS6005B	Introduction to Parallel and Distributed Programming
CS6005C	Internet and Web Technologies
CS6005D	Image Processing

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

Scheme of Examination

Bachelor of Engineering B.E. (Industrial and 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	Total Marks
			Theory		Practical		Total Marks	L	T	P		
1	IP6001	Advance Manufacturing Process	70	20	10	-	100	3	1	-	4	
2	IP6002	Operations Research	70	20	10	30	150	3	1	2	6	
3	IP6003	Work Study and Ergonomics	70	20	10	30	150	3	1	2	6	
4	IP6004	Manufacturing Technology	70	20	10	30	150	3	1	2	6	
5	IP6005	Elective-II	70	20	10	-	100	3	1	-	4	
6	IP6006	Departmental Lab-II (Applied Thermodynamics)	-	-	-	30	50	-	-	2	2	
7	IP6007	Creativity and Entrepreneurship Development (Internal Assessment)	-	-	-	50	50	-	-	2	2	
8	IP6008	Startup / Industrial Lectures (Internal Assessment)	-	-	-	50	50	-	-	2	2	
Total			350	100	50	120	800	15	5	12	32	800

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L: Lecture T: Tutorial P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
IP6005A	IPR (Intellectual Property Right)
IP6005B	Applied Thermodynamics
IP6005C	Product Design and Development
IP6005D	Quality Engineering

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Semester VI 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						
1	IT6001	Information Theory and Coding	70	20	10	-	-	100	3	1	-	4	
2	IT6002	Microprocessor and Interfacing	70	20	10	30	20	150	3	1	2	6	
3	IT6003	Software Engineering	70	20	10	30	20	150	3	1	2	6	
4	IT6004	Internet and Web Technology	70	20	10	30	20	150	3	1	2	6	
5	IT6005	Elective-II	70	20	10	-	-	100	3	1	-	4	
6	IT6006	Minor Project	-	-	-	30	20	50	-	-	2	2	
7	IT6007	Creativity and Entrepreneurship Development** (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
8	IT6008	Startup / Industrial Lectures ** (Internal Assessment)	-	-	-	-	50	50	-	-	2	2	
		Total	350	100	50	120	180	800	15	5	12	32	800

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

- Students have to go for Industrial Training / Internship of 4 weeks at the end of VI Semester.

L: Lecture

T: Tutorial

P: Practical

Department Elective-II (Four Subjects)	
Subject Code	Subject Name
IT6005A	Object Oriented Analysis and Design
IT6005B	Distributed Systems
IT6005C	IPR (Intellectual Property Right)
IT6005D	Self Employment and Entrepreneurship Development

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