



Dr. A.P.J. Abdul Kalam University, Indore

Grading System

Scheme of Examination

Bachelor of Engineering (Civil Engg.)

Year: II

Semester: III Sem & IV Sem



Dr. A.P.J. Abdul Kalam University, Indore

Grading System

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER: III SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA					
1	ES-220 T	Material Science	70	20	10	00	00	00	3	1	0	4	100
2	CE-301 T	Building Planning & Architecture	70	20	10	00	00	00	3	1	0	3	100
3	CE-302 T	Strength of Materials	70	20	10	00	00	00	3	1	0	3	100
4	CE-303 T	Advance Surveying, & Remote Sensing	70	20	10	00	00	00	3	1	0	3	100
5	CE-304 T	Geology	70	20	10	00	00	00	3	1	0	3	100
6	HU-220 T	Communication Skills	70	20	10	00	00	00	1	0	0	1	100
7	CE-301 P	Building Planning & Architecture	00	00	00	30	10	10	0	0	2	1	50
8	CE-302 P	Strength of Materials	00	00	00	30	10	10	0	0	2	1	50
9	CE-303 P	Advance Surveying, & Remote Sensing	00	00	00	30	10	10	0	0	2	1	50
10	CE-304 P	Geology	00	00	00	30	10	10	0	0	2	1	50
11	HU-220 P	Communication Skills	00	00	00	30	10	10	0	0	2	1	50
12	HU-221 P	Idea Generation [#]	00	00	00	00	00	50	0	0	2	2	50
13	HU-222 P	Learning Through Experts [#]	00	00	00	00	00	50	0	2	0	2	50
14	HU-223 P	NSS/NCC*	00	00	00	00	00	00	0	0	0	Qualifier*	00
Total			420	120	60	150	50	150	16	7	12	26	950

L: Lecture

T: Tutorial

P: Practical

Note: *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 'Idea Generation' & 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.



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SEMESTER: IV SEMESTER

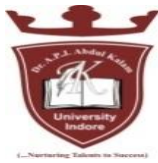
S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/VIVA					
1	CE-401 T	Concrete Technology	70	20	10	00	00	00	3	1	0	3	100
2	CE-402 T	Water Supply & Waste Water Engineering-I	70	20	10	00	00	00	4	1	0	3	100
3	CE-403 T	Structural Analysis-I	70	20	10	00	00	00	4	1	0	3	100
4	CE-404 T	Structural mechanics	70	20	10	00	00	00	3	1	0	4	100
5	CE-405 T	Fluid Mechanics	70	20	10	00	00	00	4	1	0	3	100
6	MA-220 T	Mathematics-III	70	20	10	00	00	00	3	1	0	4	100
7	CE-401 P	Concrete Technology	00	00	00	30	10	10	0	0	2	1	50
8	CE-402 P	Water Supply & Waste Water Engineering-I	00	00	00	30	10	10	0	0	2	1	50
9	CE-403 P	Structural Analysis-I	00	00	00	30	10	10	0	0	2	1	50
10	CE-405 P	Fluid Mechanics	00	00	00	30	10	10	0	0	2	1	50
11	HU-223 P	NSS/NCC*	00	00	00	00	00	00	0	0	0	Qualifier*	00
Total			420	120	60	120	40	40	21	6	8	24	800

L: Lecture

T: Tutorial

P: Practical

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Scheme of Examination

Bachelor of Engineering (Civil Engg.)

Year: III

Semester: V Sem & VI Sem



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Grading System

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER: V SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/VIVA					
1	CE-501 T	Quantity Surveying & Costing	70	20	10	00	00	00	4	1	0	3	100
2	CE-502 T	Construction Materials & Techniques	70	20	10	00	00	00	4	1	0	3	100
3	CE-503 T	Structural Analysis-II	70	20	10	00	00	00	3	1	0	4	100
4	CE-504 T	Water resources & Irrigation	70	20	10	00	00	00	4	1	0	3	100
6	CE-505 T	Dynamics of structures	70	20	10	00	00	00	3	1	0	3	100
7	CE-501 P	Quantity Surveying & Costing	00	00	00	30	10	10	0	0	2	1	50
8	CE-502 P	Construction Materials & Techniques	00	00	00	30	10	10	0	0	2	1	50
9	CE-504 P	Water resources & Irrigation	00	00	00	30	10	10	0	0	2	1	50
10	CE-506 P	Computer aided drawing	00	00	00	30	10	10	0	0	2	1	50
11	CE-507 P	Soft Skill -I	00	00	00	00	00	50	0	0	2	1	50
12	CE-508 P	Seminar / Group Discussion (Internal Assessment)	00	00	00	00	00	50	0	0	2	1	50
13	HU-223 P	NSS/NCC*	00	00	00	00	00	00	0	0	0	Qualifier*	00
Total			350	100	50	120	40	140	18	5	12	22	800

L: Lecture

T: Tutorial

P: Practical

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SEMESTER: VI SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/VIVA					
1	CE-601 T	Water Supply & Waste Water Engineering-II	70	20	10	00	00	00	3	1	0	3	100
2	CE-602 T	Geotechnical Engineering-I	70	20	10	00	00	00	4	1	0	3	100
3	CE-603 T	Transportation Engineering-I	70	20	10	00	00	00	4	1	0	3	100
4	CE-604 T	Structural Design –I (RCC)	70	20	10	00	00	00	4	1	0	3	100
5	CE-605 T	Construction Planning & Management	70	20	10	00	00	00	3	1	0	4	100
6	CE-601 P	Water Supply & Waste Water Engineering-II	00	00	00	30	10	10	0	0	2	1	50
7	CE-602 P	Geotechnical Engineering-I	00	00	00	30	10	10	0	0	2	1	50
8	CE-603 P	Transportation Engineering-I	00	00	00	30	10	10	0	0	2	1	50
9	CE-604 P	Structural Design –I (RCC)	00	00	00	30	10	10	0	0	2	1	50
10	CE-606 P	Soft Skill -II	00	00	00	00	00	50	0	0	2	1	50
11	CE-607 P	Seminar /Group Discussion (Internal Assessment)	00	00	00	00	00	50	0	0	2	1	50
12	HU-223 P	NSS/NCC*	00	00	00	00	00	00	0	0	0	Qualifier*	00
Total			350	100	50	120	40	140	18	5	12	22	800

L: Lecture

T: Tutorial

P: Practical

Note: *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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Scheme of Examination

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Year: IV

Semester: VII Sem & VIII Sem



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Bachelor of Engineering (Civil Engineering)

SEMESTER: VII SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/VIVA					
1	CE-701 T	Transportation Engineering- II	70	20	10	00	00	00	4	1	0	3	100
2	CE-702 T	Geotechnical Engineering- II	70	20	10	00	00	00	4	1	0	3	100
3	CE-703 T	Structural Design –II (Steel)	70	20	10	00	00	00	4	1	0	3	100
4	CE-704 T	Elective-I	70	20	10	00	00	00	4	1	0	4	100
5	CE-701 P	Transportation Engineering- II	00	00	00	30	10	10	0	0	2	1	50
6	CE-702 P	Geotechnical Engineering- II	00	00	00	30	10	10	0	0	2	1	50
7	CE-703 P	Structural Design –II (Steel)	00	00	00	30	10	10	0	0	2	1	50
8	CE-705 P	Minor Project	00	00	00	60	30	10	0	0	5	4	100
9	CE-706 P	Seminar /Group Discussion	00	00	00	00	00	100	0	0	2	1	100
10	CE-707 P	Industrial Training (4 Weeks)	00	00	00	00	00	50	0	0	2	1	50
11	HU-224 P	Yoga*	00	00	00	00	00	00	0	0	0	Qualifier*	00
Total			280	80	40	150	60	190	16	4	15	22	800

L: Lecture

T: Tutorial

P: Practical

Note: * YOGA 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.

ELECTIVE-I

1	CE- 7041	Computational Methods in Structural Engineering	2	CE- 7042	Traffic Engineering	3	CE- 7043	Industrial Waste Treatment
4	CE- 7044	Cost Effective & ECO-Friendly Construction	5	CE- 7045	Environmental Impact Assessment			



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SEMESTER: VIII SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/VIVA					
1	CE-801 T	Design Of Hydraulic Structures	70	20	10	00	00	00	5	1	0	3	100
2	CE-802 T	Transportation Bridges & Tunnels	70	20	10	00	00	00	4	1	0	4	100
3	CE-803 T	Structural Design –III	70	20	10	00	00	00	5	1	0	3	100
4	CE-804 T	Elective-II	70	20	10	00	00	00	4	1	0	4	100
5	CE-801 P	Design Of Hydraulic Structures	00	00	00	30	10	10	0	0	2	1	50
6	CE-803 P	Structural Design –III	00	00	00	30	10	10	0	0	2	1	50
7	CE-805 P	Major Project	00	00	00	100	100	50	0	0	7	4	250
8	CE-806 P	Seminar / Group Discussion (Internal Assessment)	00	00	00	00	00	100	0	0	2	1	100
Total			280	80	40	160	120	170	18	4	13	21	850

L: Lecture

T: Tutorial

P: Practical

ELECTIVE-II									
1	CE -8041	Structural Dynamics & Earthquake Engineering	2	CE -8042	Air Quality Monitoring & Control	3	CE -8043	Energy Efficient & Green Building	
4	CE -8044	Design Of Prestressed Concrete Structures	5	CE-8045	Advance Water Resources Engg.				