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

Grading System

Scheme of Examination w.e.f. 01 August 2017

Bachelor of Engineering (Civil Engineering)

SEMESTER : IST SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical							
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz	L	T	P		
1	MA110T	Mathematics - I	70	20	10	00	00	00	3	1	0	4	100
2	CY110T	Chemistry	70	20	10	00	00	00	2	1	0	3	100
3	HU110T	English	70	20	10	00	00	00	3	0	0	3	100
4	CE110T	Engineering Mechanics	70	20	10	00	00	00	2	1	0	3	100
5	ME111T	Engineering Graphics	70	20	10	00	00	00	2	0	0	2	100
6	ML110P	Environmental Sciences*	00	00	00	00	00	100	1	0	2	2	100
7	CE111P	Introduction to Civil Engineering*	00	00	00	00	00	100	0	0	4	2	100
8	HU111P	Communication*	00	00	00	00	00	100	0	2	0	2	100
9	CY110P	Chemistry	00	00	00	30	10	10	0	0	2	1	50
10	HU110P	English	00	00	00	30	10	10	0	0	2	1	50
11	CE110P	Engineering Mechanics	00	00	00	30	10	10	0	0	2	1	50
12	ME111P	Engineering Graphics	00	00	00	30	10	10	0	0	4	2	50
Total			**350**	**100**	**50**	**120**	**40**	**340**	**13**	**5**	**16**	**26**	**1000**

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

Note: * For ML110, CE111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.

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

Grading System

Scheme of Examination w.e.f. 01 August 2017

Bachelor of Engineering (Civil Engineering)

SEMESTER : II[nd] SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical							
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz	L	T	P		
1	MA111T	Mathematics - II	70	20	10	00	00	00	3	1	0	4	100
2	PH110T	Physics	70	20	10	00	00	00	2	1	0	3	100
3	CE112T	Introduction to Surveying	70	20	10	00	00	00	1	1	0	2	100
4	EC110T	Fundamentals of Electronics Engineering	70	20	10	00	00	00	1	1	0	2	100
5	ME112T	Concepts in Engineering Design	70	20	10	00	00	00	2	1	0	3	100
6	ME113P	Manufacturing Practices*	00	00	00	00	50	50	1	0	4	3	100
7	CS110P	Computer Programming*	00	00	00	00	50	50	2	0	2	3	100
8	HU112P	Rural Outreach*	00	00	00	00	00	150	0	0	6	3	150
9	PH110P	Physics	00	00	00	30	10	10	0	0	2	1	50
10	CE112P	Introduction to Surveying	00	00	00	30	10	10	0	0	2	1	50
11	EC110P	Fundamentals of Electronics Engineering	00	00	00	30	10	10	0	0	2	1	50
Total			**350**	**100**	**50**	**90**	**130**	**280**	**12**	**5**	**18**	**26**	**1000**

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

Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.

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							
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA	L	T	P		
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.

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

Grading System

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER: IV SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical							
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA	L	T	P		
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**

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.

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

Grading System

Scheme of Examination

Bachelor of Engineering (Civil Engg.)

Year: III

Semester: V Sem & VI Sem

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

Grading System

Scheme of Examination

Bachelor of Engineering (Civil Engg.)

Year: III

Semester: V Sem & VI Sem

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

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							
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA	L	T	P		
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**

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.

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

Grading System

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER: VI SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical							
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA	L	T	P		
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.

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

Grading System

Scheme of Examination

Bachelor of Engineering (Civil Engg.)

Year: IV

Semester: VII Sem & VIII Sem

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

Grading System

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER: VII SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical							
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA	L	T	P		
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			

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

Grading System

Scheme of Examination w.e.f.

Bachelor of Engineering (Civil Engineering)

SEMESTER: VIII SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical							
			End Sem.	Mid Sem. Test	VIVA, Assignment	End Sem.	Lab Work	Assignment/ VIVA	L	T	P		
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.			