



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

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Electrical & Electronics Engineering)**

**Semester/Year: VII<sup>th</sup> Sem & VIII<sup>th</sup> Sem/IV<sup>th</sup> Year**



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

## Grading System

### Scheme of Examination

#### Bachelor of Engineering (Electrical & Electronics Engineering)

#### SEMESTER : VII<sup>th</sup> SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz					
1	EX-701T	Electrical Drives	70	20	10	00	00	00	3	1	0	4	100
2	EX-702T	HVDC Transmission	70	20	10	00	00	00	3	1	0	4	100
3	EX-703T	Electrical Machines – III	70	20	10	00	00	00	3	1	0	4	100
4	Refer table below	Elective-I	70	20	10	00	00	00	3	1	0	4	100
5	Refer table below	Elective-II	70	20	10	00	00	00	3	1	0	4	100
6	EX-701P	Electrical Drives	00	00	00	30	10	10	0	0	2	1	50
7	EX-703P	Electrical Machines – III	00	00	00	30	10	10	0	0	2	1	50
8	EX-704P	Major Project (Planning & Literature survey)	00	00	00	90	30	30	0	0	4	2	150
9	EX-705P	Industrial Training (Four weeks)	00	00	00	30	10	10	0	0	2	1	50
10	HU224P	Yoga (Internal Assessment)	00	00	00	00	00	00	00	00	00	Qualifier*	00
<b>Total</b>			<b>350</b>	<b>100</b>	<b>50</b>	<b>180</b>	<b>60</b>	<b>60</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>25</b>	<b>800</b>

**L: Lecture**

**T: Tutorial**

**P: Practical**

ELECTIVE-I												
1	EX-7101T	Reliability Engineering	2	EX-7102T	Cellular Mobile Communication	3	EX-7103T	Power Quality				
ELECTIVE-II												
1	EX-7201T	Digital Image Processing	2	EX-7202T	SCADA Systems & Application	3	EX-7203T	Renewable & Non Conventional Energy Systems				

**Note:**

- **HU224P** 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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#### SEMESTER : VIII<sup>th</sup> SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz					
1	EX-801T	Computer Aided Electrical Machine Design	70	20	10	00	00	00	3	1	0	4	100
2	EX-802T	Computer Application to Power System	70	20	10	00	00	00	3	1	0	4	100
3	Refer table below	Elective –III	70	20	10	00	00	00	3	1	0	4	100
4	Refer table below	Elective -IV	70	20	10	00	00	00	3	1	0	4	100
5	EX-801P	Computer Aided Electrical Machine Design	00	00	00	30	10	10	0	0	2	1	50
6	EX-802P	Computer Application To Power System	00	00	00	30	10	10	0	0	2	1	50
7	EX-803P	Major Project	00	00	00	130	60	60	0	0	8	4	250
8	EX-804P	Modeling & Simulation Lab	00	00	00	30	10	10	0	0	2	1	50
9	EX-805P	Self study & Seminar (Internal Assessment)	00	00	00	00	00	50	0	0	2	1	50
<b>Total</b>			<b>280</b>	<b>80</b>	<b>40</b>	<b>220</b>	<b>90</b>	<b>140</b>	<b>12</b>	<b>4</b>	<b>16</b>	<b>24</b>	<b>850</b>

L: Lecture

T: Tutorial

P: Practical

ELECTIVE-III								
1	EX-8101T	Advanced Power Electronics	2	EX-8102T	Advanced Communication System	3	EX-8103T	FACTS
ELECTIVE-IV								
1	EX-8201T	Power System Economics	2	EX-8202T	Soft Computing Techniques & Applications	3	EX-8203T	Advanced Control System