

# **GITAM UNIVERSITY**

(Declared as Deemed to be University U/S 3 of UGC Act, 1956)



Scheme of Instruction  
of  
**M.Tech. (Power Systems & Automation)**  
(w.e.f 2008 -09 admitted batch)

Gandhi Nagar Campus, Rushikonda  
**VISAKHAPATNAM - 530 045**  
Website: [www.gitam.edu](http://www.gitam.edu)



**M.Tech. (Power Systems & Automation)**  
**III Semester:**

Course Code	Name of the Course	L	T	P	Total hours	Marks			Credits
						Cont. Eval.	Sem. End Exam.	Total	
EPRPA 321 to 323	Elective – I	4		-	4	40	60	100	4
EPRPA 331 to 333	Elective – II	4		-	4	40	60	100	4
EPRPA 311	Project Phase – I	-	-	8	8	50	50	100	8
EPRPA 312	Seminar	-	-	-	-	100	-	100	2
	Total Credits								18

**Elective - I: (E- I)**

Code No.	Course
EPRPA 321	Reactive Power Control & FACTS
EPRPA 322	Power Quality
EPRPA 323	Non – Conventional Energy Sources & Applications

**Elective – II : (E – II )**

Code No.	Course
EPRPA 331	Energy Auditing, Conservation & Management
EPRPA 332	Process Control & Automation
EPRPA 333	Power System Reliability

**IV Semester:**

Course Code	Name of the Course	L	T	P	Total hours	Marks			Credits
						Cont. Eval.	Sem. End Exam.	Total	
EPRPA 411	Project Phase – II	-	-	16	16	50	50	100	16
EPRPA 412	Comprehensive Viva-Voce	-	-	-	-	-	100	100	2
	Total Credits								18

**Total Credits:            72**