

WITH EFFECT FROM THE ACADEMIC YEAR 2013-2014  
**SCHEME OF INSTRUCTION & EXAMINATION**  
**BE IV/IV (REGULAR)**  
**ELECTRICAL & ELECTRONCS ENGINEERING**

2014-2015


**Semester I**

Sl.No	Code No	Subject	Scheme of Instruction		Scheme of Examination		
			Periods per Week		Duration In Hours	Maximum Marks	
			L/T	D/P		Univ. Exam	Sessional
<b>THEORY</b>							
1.	EE 401	Power System Operation and Control	4	-	3	75	25
2.	EE 402	Electric Drives and Static Control	4	-	3	75	25
3.	EE 403	Electrical Machine Design	4	-	3	75	25
4.	EE/CS/ ME	Elective - I	4	-	3	75	25
<b>PRACTICALS</b>							
1.	EE 431	Electrical Simulation Lab	-	3	3	50	25
2.	EE 432	Microprocessors and Microcontrollers Lab	-	3	3	50	25
3.	EE 433	Power Systems Lab	-	3	3	50	25
4.	EE 434	Project seminar	-	3	3	-	25
<b>Total</b>			<b>16</b>	<b>12</b>	<b>24</b>	<b>450</b>	<b>200</b>

**Elective - I**

EE 404: High Voltage DC Transmission  
 EE 406: Power Quality  
 ME 411: Entrepreneurship  
 CS 410: Cyber Security/Information Security

EE 405: High Voltage Engg.  
 EE 407: Nuclear Energy  
 CS 467: Embedded Systems

  
 Head of Department  
 Department of EEE  
 Methodist College of Engg & Tech.  
 Abids, Hyderabad-500 001.

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**Semester II**

Sl.No	Code No	Subject	Scheme of Instruction		Scheme of Examination		
			Periods per Week		Duration in Hours	Maximum Marks	
			L/T	D/P		Univ. Exam	Sessional
		<b>THEORY</b>					
1.	EE 451	Utilization	4	-	3	75	25
2.	EE/ EC /LA/CE	Elective - II	4	-	3	75	25
3.	EE/CS/ EN	Elective - III	4	-	3	75	25
4.	ME 472	Industrial Administration and Financial Management	4	-	3	75	25
		<b>PRACTICALS</b>					
1.	EE 481	Digital Signal Processing Lab	-	3	3	50	25
2.	EE 482	Project	-	6	Viva Voce	Grade*	50
3.	EE 483	Seminar	-	3	3	-	25
		<b>Total</b>	<b>16</b>	<b>12</b>	<b>18</b>	<b>350</b>	<b>200</b>

**NOTE:** \* Excellent / Good / Satisfactory / Unsatisfactory

**Elective II**

EE 452: Electrical Power Distribution Engg.

EE 454: Optimization Methods

EC 405: VLSI Design

CE 452: Disaster Management

**Elective III**

EE 456: Transducers

EE 458: Electronic Instrumentation Systems

CS 460: Internet Programming

EN 459: Technical Writing & Presentation Skills

EE 453: Advanced Control Systems

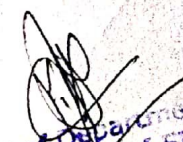
EE 455: Renewable Energy Sources

LA 454: Intellectual Property Rights

EE 457: Power System Reliability

CS 413: Image Processing

CS 462: Soft Computing

  
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