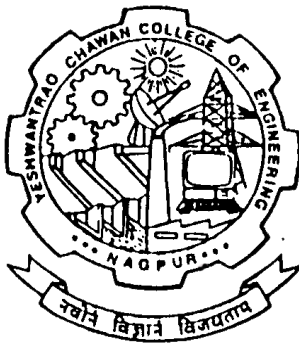


Nagar Yuwak Shikshan Sanstha's  
**Yeshwantrao Chavan College of Engineering**  
(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)  
Hingna Road, Wanadongri, Nagpur - 441 110



**M. Tech.**  
**SoE & Syllabus 2014**  
**4 Semester**  
**Department of Electrical Engineering**  
**Integrated Power systems**

Update on May 2017



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

**M. Tech. SCHEME OF EXAMINATION 2014**

**Department of Civil Engineering**

**Integrated Power Systems**

Sl. No.	Course Code	Course Title	Contact Hours			Total Contact Hrs.	Credits	% Weightage				ESE Duration Hrs.
			L	T	P			MSE - I	MSE - II	TA	ESE	
<b>I SEMESTER</b>												
1	EL1901	Advance Power Electronics	3	0	0	3	3	15	15	10	60	3
2	EL1902	Analog & Digital Protection	3	0	0	3	3	15	15	10	60	3
3	EL1903	Digital Control System	3	0	0	3	3	15	15	10	60	3
4	EL1904	HVDC Power Transmission	3	0	0	3	3	15	15	10	60	3
5	EL1905	Power System Modelling	3	0	0	3	3	15	15	10	60	3
6	EL1906	Lab: Analog & Digital Protection	0	0	4	4	2			40	60	
8	EL1907	Lab: Advance Power Electronics	0	0	4	4	2			40	60	
<b>Total</b>			<b>15</b>	<b>0</b>	<b>8</b>	<b>23</b>	<b>19</b>					
<b>II SEMESTER</b>												
1	EL1911	Power System planning	3	0	0	3	3	15	15	10	60	3
2	EL1912	Application of Power Electronics to Power System	3	0	0	3	3	15	15	10	60	3
3	EL1913	Power Quality	3	0	0	3	3	15	15	10	60	3
4	<b>Professional Elective- I</b>											
	EL1916	Electrical Drives and Controls	3	0	0	3	3	15	15	10	60	3
	EL1918	Renewable Energy System										
5	<b>Lab: Professional Elective I</b>											
	EL1917	Lab: Electrical Drives and Controls	0	0	4	4	2			40	60	
	EL1919	Lab: Renewable Energy System										
6	<b>Professional Elective II</b>											
	EL1920	Advanced Digital Signal Processing	3	0	0	3	3	15	15	10	60	3
	EL1921	EHV Power Transmission										
	EL1922	Restructuring of Power System										
7	EL1914	Power System Simulation	0	0	4	4	2			40	60	
8	EL1915	Seminar	0	0	2	2	1			100		
<b>Total</b>			<b>15</b>	<b>0</b>	<b>10</b>	<b>25</b>	<b>20</b>					
<b>III SEMESTER</b>												
1	<b>Professional Elective - III</b>											
	EL1933	Power System Stability										
	EL1934	Electrical Distribution Systems	3	0	0	3	3	15	15	10	60	3
	EL1935	Power System Operation and Control										
	EL1936	Insistants in Power Systems										
2	<b>Professional Elective - IV</b>											
	EL1937	Distribtuted Automation										
	EL1938	Power Electronics for Renewable Energy Systems	3	0	0	3	3	15	15	10	60	3
	EL1939	Control System Design										
3	EL1931	Lab.: Power System Design	0	0	4	4	2			40	60	
4	EL1932	Project Phase -I	0	0	16		8			100		
<b>Total</b>			<b>6</b>	<b>0</b>	<b>20</b>	<b>10</b>	<b>16</b>					
<b>IV SEMESTER</b>												
1	EL1941	Project Phase-II	0	0	20	24	12			40	60	
<b>Total</b>			<b>0</b>	<b>0</b>	<b>20</b>	<b>24</b>	<b>12</b>					
<b>Grand Total of Credits</b>							<b>67</b>					

Chairperson		Date of Release	Sep. 2014	Applicable for
Dean (Acad. Matt.)		Version	1.01	AY 2014-15 Onwards



Nagar Yuwak Shikshan Sanstha's

# Yeshwantrao Chavan College of Engineering

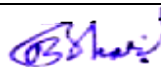
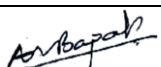
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## M. Tech. SoE and Syllabus 2014 Integrated Power System

### Fourth Semester

EL1941	Project Phase-II	L=0	T=0	P=24	Credits=12
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Evaluation Scheme	MSE-I	MSE-II	TA	ESE	Total	ESE Duration
	0	0	40	60	100	

Chairperson		Date of Release	May 2017	Applicable for AY 2017-18 Onwards
Dean (Acad. Matters)		Version	1.01	