

Savitribai Phule Pune University  
FACULTY OF ENGINEERING  
T.E. Electrical Engineering (2015 Course)  
{w.e.f. 2017-2018}

SEMESTER-I													
Sr. No	Subject Code	Subject Title	Teaching Scheme			Examination Scheme						Credit	
			Th	Pr.	Tu	PP		TW	PR	OR	Total Marks	TH/TU	PR+OR
						In Sem	End Sem						
1	311121	<u>Industrial and Technology Management</u>	08	--	--	30	70	--	--	--	100	08	--
2	303141	<u>Advance Microcontroller and its Applications</u>	04	02	--	30	70	--	--	50	150	04	01
3	303142	<u>Electrical Machines II</u>	04	02	--	30	70	--	50	--	150	04	01
4	303143	<u>Power Electronics</u>	04	02	--	30	70	--	50	--	150	04	01
5	303144	<u>Electrical Installation, Maintenance and Testing</u>	03	02	--	30	70	50	--	--	150	03	01
6	303145	<u>Seminar and Technical Communication</u>	--	02	--	--	--	50	--	--	50	--	01
	303152	<u>Audit Course III</u>											
<b>TOTAL</b>			<b>18</b>	<b>10</b>	<b>--</b>	<b>150</b>	<b>350</b>	<b>100</b>	<b>100</b>	<b>50</b>	<b>750</b>	<b>18</b>	<b>05</b>

SEMESTER-II													
Sr. No.	Subject Code	Subject Title	Teaching Scheme			Examination Scheme						Credit	
			Th.	Pr.	Tu	PP		TW	PR	OR	Total Marks	TH/TU	PR+OR
						In Sem	End Sem						
1.	303146	<u>Power System II</u>	04	02	--	30	70	--	50	--	150	04	01
2.	303147	<u>Control System I</u>	04	02	--	30	70	--	--	50	150	04	01
3.	303148	<u>Utilization of Electrical Energy</u>	03	--	--	30	70	--	--	--	100	03	--
4.	303149	<u>Design of Electrical Machines</u>	04	02	--	30	70	25	--	50	175	04	01
5.	303150	<u>Energy Audit and Management</u>	08	02	--	30	70	25	--	--	125	03	01
6.	303151	<u>Electrical Workshop</u>	--	02	--	--	--	50	--	--	50	--	01
	303153	<u>Audit Course IV</u>											
<b>Total</b>			<b>18</b>	<b>10</b>	<b>--</b>	<b>150</b>	<b>350</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>750</b>	<b>18</b>	<b>05</b>

Th: Theory lectures hours/week  
Pr: Practical hours/week  
Tu: Tutorial hours/week

TW: Term work  
PR: Theory  
OR: Oral  
PP: Paper- In semester and End Semester

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**Principal**  
Sri Visvesvaraya Institute of Technology  
Chincholi, Nasik-422102

**Savitribai Phule Pune University**  
**S.E. Electrical Engineering 2015 – Course**  
(w. e. f. 2016-2017)

Semester I													
Sr. No.	Subject Code	Subject Title	Teaching Scheme			Semester Examination Scheme of Marks						Credit	
			Th.	Tut.	Pr.	Paper		TW	PR	OR	Total	TH/ TUT	PR+OR
						In Sem (Online)	End Sem						
1.	203141	Power Generation Technologies	04	--	--	50	50	--	--	--	100	04	--
2.	207006	Engineering Mathematics-III	04	01	--	50	50	25	--	--	125	05	--
3.	203142	Material Science	04	--	02	50	50	--	--	50	150	04	01
4.	203143	Analog and Digital Electronics	04	--	02	50	50	25	50	--	175	04	01
5.	203144	Electrical Measurements and Instrumentation	04	--	02	50	50	25	50	--	175	04	01
6.	203151	Soft Skills	--	--	02	--	--	25	--	--	25	--	01
<b>Total</b>												21	04
7.	203154	Audit Course I	--	--	--	--	--	--	--	--	--	Grade: PP/NP	
<b>Total</b>			20	01	08	250	250	100	100	50	750	25	

Semester II													
Sr. No.	Subject Code	Subject Title	Teaching Scheme			Semester Examination Scheme of Marks						Credit	
			Th.	Tut.	Pr.	Paper		TW	PR	OR	Total	TH/ TUT	PR+OR
						In Sem (Online)	End Sem						
1.	203145	Power System I	04	--	--	50	50	--	--	--	100	04	--
2.	203146	Electrical Machines I	04	--	02	50	50	25	50	--	175	04	01
3.	203147	Network Analysis	04	--	02	50	50	50	--	--	150	04	01
4.	203148	Numerical Methods and Computer Programming	04	01	02	50	50	25	50	--	175	05	01
5.	203149	Fundamentals of Microcontroller and Applications	04	--	02	50	50	--	--	50	150	04	01
<b>Total</b>												21	04
6.	203155	Audit Course II	--	--	--	--	--	--	--	--	--	Grade: PP/NP	
<b>Total</b>			20	01	08	250	250	100	100	50	750	25	

TW: Term Work    OR:Orat    PR: Practical  
PP: Passed (Only for non-credit courses)    NP: Not Passed (Only for non-credit courses)

S.E. Electrical Engineering (2015 course) – Savitribai Phule Pune University

*(Signature)*  
**Principal**  
Sir Visvesvaraya Institute of Technology  
Chincholi, Nasik-422 004

University of Pune  
 FACULTY OF ENGINEERING  
 T.E. Electrical Engineering  
 (2012 Course)  
 (w.e.f. 2014-2015)

SEMESTER-I

Sr. No	Subject Code	Subject Title	Teaching Scheme			Examination Scheme					Total Marks
			Th.	Pr.	Tu.	PP		TW	PR	OR	
						In Sem	End Sem				
1	311121	Industrial and Technology Management	04			30	70				100
2	303141	Advance Microcontroller and its Applications	04	02	--	30	70	--	--	50	150
3	303142	Electrical Machines II	04	02	--	30	70	--	50	--	150
4	303143	Power Electronics	04	02	--	30	70	--	50	--	150
5	303144	Electrical Installation, Maintenance and Testing	04	02	--	30	70	50	--	--	150
6	303145	Seminar and Technical Communication	--	02	--	--	--	50	--	--	50
TOTAL			20	10	--	150	350	100	100	50	750

SEMESTER-II

Sr. No	Subject Code	Subject Title	Teaching Scheme			Examination Scheme					Total Marks
			Th.	Pr.	Tu.	PP		TW	PR	OR	
						In Sem	End Sem				
1.	303146	Power System II	04	02	--	30	70	25	50	--	175
2.	303147	Control System I	04	02	--	30	70	--	--	50	150
3.	303148	Utilization of Electrical Energy	04	--	--	30	70	--	--	--	100
4.	303149	Design of Electrical Machines	04	04	--	30	70	25	--	50	175
5.	303150	Energy audit and Management	04	--	--	30	70	--	--	--	100
6.	303151	Electrical Workshop	--	02	--	--	--	50	--	--	50
Total			20	10	--	150	350	100	50	100	750

Th. Theory lectures hours/week  
 Pr. Practical hours/week  
 Tu. Tutorial hours/week

TW Term work  
 PR Theory  
 OR Oral  
 PP Paper- In semester and End Semester

Principal  
 Dr. Vivekvaraya Institute of Technology  
 Chincholi, Nasik-422001



**University of Pune**  
**S.E. Electrical Engineering 2012–Course**  
**(w.e.f. 2013-2014)**

SEMESTER – I											
Sr. No.	Subject Code	Subject Title	Teaching Scheme			Examination Scheme					Total Marks
			Th.	Pr.	Tut.	Paper		TW	PR	OR	
						Written	Theory Online				
1.	203141	Power Generation Technologies	04	–	–	50	50	–	–	–	100
2.	207006	Engineering Mathematics-III	04	–	01	50	50	25	–	–	125
3.	203142	Material Science	04	02	–	50	50	–	–	50	150
4.	203143	Analog and Digital Electronics	04	02	–	50	50	25	50	–	175
5.	203144	Electrical Measurements and Instrumentation	04	02	–	50	50	25	50	–	175
6.	203151	Soft Skills	–	02	–	–	–	25	–	–	25
<b>Total</b>			<b>20</b>	<b>08</b>	<b>01</b>	<b>250</b>	<b>250</b>	<b>100</b>	<b>150</b>		<b>750</b>

SEMESTER – II											
Sr. No.	Subject Code	Subject Title	Teaching Scheme			Examination Scheme					Total Marks
			Th.	Pr.	Tut.	Paper		TW	PR	OR	
						Written	Theory Online				
1.	203145	Power System I	04	–	–	50	50	–	–	–	100
2.	203146	Electrical Machines I	04	02	–	50	50	25	50	–	175
3.	203147	Network analysis	04	02	–	50	50	50	–	–	150
4.	203148	Numerical Methods and Computer Programming	04	02	02	50	50	25	50	–	175
5.	203149	Fundamentals of Microprocessor & Microcontroller	04	02	–	50	50	–	–	50	150
<b>Total</b>			<b>20</b>	<b>08</b>	<b>02</b>	<b>250</b>	<b>250</b>	<b>100</b>	<b>150</b>		<b>750</b>

*(Signature)*  
**Principal**  
 Sir Visvesvaraya Institute of Technology  
 Chincholi, Nasik-422102