

Name of all programs adopting elective course system: Electrical Program code:
 Details of Elective options offered by the University and those opted by the Institute:

Academic Year	Semester (sem -I Sem II)	Name of Class	Name of Elective Subject	Number of Student opted
2017-18	Sem - I	BE Electrical 2012	Elective I- SPM,PQ,RES,DSP	Power quality- 50
			Elective II- R&D,EF,EHVAC,IETS	IETS- 50
2017-18	Sem -II	BE Electrical 2012	Elective I- HVE,HVDC&FACTS,DCS	HVE-43
			Elective II- SG,R&A,ILL,VLSI	SG -43

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Dept. of Electrical Engg.
 Sir. Visvesvaraya Institute of Technology
 Chincholi, Nashik-422 101

Principal

Sir Visvesvaraya Institute of Technology
 Chincholi,Nasik-422102

Savitribai Phule Pune University
B.E. (Electrical Engineering) - 2012 Course
(w.e.f. 2015-2016)

Semester I

Subject code	Subject Title	Teaching Scheme Weekly load in Hrs.			Examination Scheme (Marks)					
		Lecture	Tutorial	PR	Theory		PR	OR	TW	Max. Marks
					In Semester Exam	End Semester Exam				
403141	<u>Power System Operation and Control</u>	03	--	02	30	70	--	25	25	150
403142	<u>PLC and SCADA Applications</u>	04	--	02	30	70	50	--	25	175
403143	<u>Elective I</u>	03	--	02	30	70	--	--	25	125
403144	<u>Elective II</u>	03	--	--	30	70	--	--	--	100
403145	<u>Control System II</u>	03	--	02	30	70	--	25	25	150
403146	<u>Project</u>	--	02	--	--	--	--	50	--	50
TOTAL		16	02	08	150	350	150	100	750	

Semester II

Subject code	Subject Title	Teaching Scheme Weekly load in Hrs.			Examination Scheme (Marks)					
		Lecture	Tutorial	PR	Theory		PR	OR	TW	Max. Marks
					In Semester Exam	End Semester Exam				
403147	<u>Switchgear and Protection</u>	04	--	02	30	70	--	25	50	175
403148	<u>Power Electronic controlled Drives</u>	04	--	02	30	70	50	--	25	175
403149	<u>Elective III</u>	03	--	02	30	70	--	25	25	150
403150	<u>Elective IV</u>	03	--	--	30	70	--	--	--	100
403146	<u>Project</u>	--	06	--	--	--	--	100	50	150
TOTAL		14	06	06	120	280	200	150	750	

Elective I (403143)	Elective II (403144)
A) <u>Special Purpose Machines</u> B) <u>Power Quality</u> C) <u>Renewable Energy Systems</u> D) <u>Digital Signal Processing</u>	A) <u>Restructuring and Deregulation</u> B) <u>Electromagnetic Fields</u> C) <u>EHV AC Transmission</u> D) <u>Introduction to Electrical Transportation Systems</u>
Elective III (403149)	Elective IV (403150)
A) <u>High Voltage Engineering</u> B) <u>HVDC and FACTS</u> C) <u>Digital Control System</u> D) <u>Intelligent Systems and its Applications in Electrical Engineering</u>	A) <u>Smart Grid</u> B) <u>Robotics and Automation</u> C) <u>Illumination Engineering</u> D) <u>Open Elective*:VLSI Design</u>

Department of Electrical Engineering AY 2017-18 SEM I, Class: BE

Roll No	Name of student	Elective I	Elective II	Sign of student
1	Vishal Dilip Saikhede	PQ	ETS	<i>[Signature]</i>
2	Sachin Satish Tambe	PQ	ETS	<i>S.S Tambe</i>
3	Diksha Dayaram Amrutkar	PQ	ETS	<i>Diksha</i>
4	Sushama Uttam Avhad	PQ	ETS	<i>Sushma</i>
5	Rajashree Pramod Chavan	PQ	ETS	<i>Rajashree</i>
6	Swati Dilip Jaybhaye	PQ	ETS	<i>Swati</i>
7	Rakshanda Rohidas Jagtap	PQ	ETS	<i>Rakshanda</i>
8	Saurabh Bharat Pandit	PQ	ETS	<i>Saurabh</i>
9	Komal Bharat Godse	PQ	ETS	<i>Komal</i>
10	Akash Nandkumar Pawar	PQ	ETS	<i>Akash P.</i>
11	Nikhil Shrikrishna Bondre	PQ	ETS	<i>Nikhil B.</i>
12	Pavan Sampat Varpe	PQ	ETS	<i>Pavan V.</i>
13	Pavan Sampat Varpe	PQ	ETS	<i>Pavan V.</i>
14	Targe Yogita Kishor	PQ	ETS	<i>Targe</i>
15	Mohini Ramchandra Mithe	PQ	ETS	<i>Mohini M.</i>
16	Deepak Kumar Chourasia	PQ	ETS	<i>Deepak C.</i>
17	Shubhangi vinayak rajguru	PQ	ETS	<i>Shubhangi R.</i>
18	Shashank Arunrao Topale	PQ	ETS	<i>Shashank T.</i>
19	Ashwini BhaskarShinde	PQ	ETS	<i>Ashwini S.</i>
20	Satish Pandit Chine	PQ	ETS	<i>Satish C.</i>
21	Sanket Dattatray Aher	PQ	ETS	<i>Sanket A.</i>
22	Roshan Annasaheb Thakare	PQ	ETS	<i>Roshan T.</i>
23	Shubham Ashok Kale	PQ	ETS	<i>Shubham K.</i>
24	Mayuri Vijay Awasarmol	PQ	ETS	<i>Mayuri A.</i>
25	Amol Pandharinath Varpe	PQ	ETS	<i>Amol V.</i>
26	Darshana Ashok Gaidhani	PQ	ETS	<i>Darshana G.</i>
27	Pradnya Subhash Chaskar	PQ	ETS	<i>Pradnya C.</i>
28	Suraj Jayram Shinde	PQ	ETS	<i>Suraj S.</i>
29	Rohit Balkrushna Pawar	PQ	ETS	<i>Rohit P.</i>
29	Vishvas Balasaheb Handore	PQ	ETS	<i>Vishvas H.</i>
30	Khatale Rahul Vishnu	PQ	ETS	<i>Rahul V.</i>
31	Chaudhari Hemant	PQ	ETS	<i>Hemant C.</i>
32	Gangurde Komal Vasant	PQ	ETS	<i>Komal G.</i>
33	Pardeshi Akshay	PQ	ETS	<i>Akshay P.</i>
34	Gaidhani Gayatri	PQ	ETS	<i>Gayatri G.</i>

35	Raut sachin	PQ	ETS	<u>Sachin</u>
36	Sayankar Yashodhan	PQ	ETS	<u>Sree</u>
37	Bendale Pankaj	PQ	ETS	<u>bendale</u>
38	Sanap Machhindra	PQ	ETS	<u>Sanap</u>
39	Sangale Jayesh	PQ	ETS	<u>Jayesh S</u>
40	Pawase Vaibhav Madhukar	PQ	ETS	<u>Vaibhav M</u>
41	Patil Tushar Pandit	PQ	ETS	<u>Tushar Pandit</u>
42	Harale Avinash Balu	PQ	ETS	<u>Avinash</u>
43	Puyed Sachin	PQ	ETS	<u>Aniket</u>
44	Patil Ankita	PQ	ETS	<u>Ankita</u>
45	Kadam Shubhangi	PQ	ETS	<u>Shubhangi</u>
46	Sonawane Pratik	PQ	ETS	<u>Pratik</u>
47	Rajwat Prithviraj	PQ	ETS	<u>Rajwat</u>
48	Suraj Ashok Verma	PQ	ETS	<u>Suraj</u>
49	Sayankar Yashodhan	PQ	ETS	<u>Yashodhan</u>
50	Sumit Bapurao Saindre	PQ	ETS	<u>Sumit</u>

Elective I : 1. PQ 2. RES OR 3.DSP

Elective II : 1. ETS 2.IE, 3.EHVAC

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Name of all programs adopting elective course system: Electrical Program code:
 Details of Elective options offered by the University and those opted by the Institute:

Academic year	Semester (Sem-I or Sem-II)	Name of class	Name of elective subject	No of Students opted
2013-14	Sem-I	BE	RES,PQ ,EHVAC, ETS	79
2013-14	Sem-II	BE	HVE,SG,ILLUMINATION	70
2014-15	SEMI	BE	RES,PQ ,EHVAC, ETS	86
2014-15	SEMII	BE	HVE,SG,ILLUMINATION	76
2015-16	SEMI	BE	RES,PQ ,EHVAC, ETS	83
2015-16	SEMII	BE	HVE,SG,ILLUMINATION	83
2016-17	SEMI	BE	RES,PQ ,EHVAC, ETS	81
2016-17	SEMII	BE	HVE,SG,ILLUMINATION	78
2017-18	SEMI	BE	RES,PQ ,EHVAC, ETS	50
2017-18	SEMII	BE	HVE,SG,ILLUMINATION	43

Department of Electrical Engineering AY 2017-18 SEM II, Class: BE

Roll No	Name of student	Elective I	Elective II	Sign of student
1	AHER SANKET DATTATRAY	HVE,	SG	<u>Aher</u>
2	AMRUTKAR DIKSHA DAYARAM	HVE,	SG	<u>Amrutar</u>
3	AVHAD SUSHAMA UTTAM	HVE,	SG	<u>Sushama</u>
4	BENDALE PANKAJ PRAMOD	HVE,	SG	<u>Pankaj</u>
5	BONDRE NIKHIL SHRIKRUSHNA	HVE,	SG	<u>Nikhil</u>
6	CHASKAR PRADNYA SUBHASH	HVE,	SG	<u>Pradnya</u>
7	CHAVAN RAJASHREE PRAMOD	HVE,	SG	<u>Rajashree</u>
8	CHINE SATISH PANDIT	HVE,	SG	<u>SatishP</u>
9	CHOUDHARI HEMANT PRAMOD	HVE,	SG	<u>Hemant</u>
10	DEEPAK KUMAR CHOURASIA	HVE,	SG	<u>Deepraj</u>
11	GAIDHANI DARSHANA ASHOK	HVE,	SG	<u>Darshana</u>
12	GANGURDE KOMAL VASANRAO	HVE,	SG	<u>Komal</u>

13	GODSE KOMAL BHARAT	HVE,	SG	<i>Komal</i>
14	HANDORE VISHVAS BALASAHEB	HVE,	SG	<i>Vishvas</i>
15	HARALE AVINASH BALU	HVE,	SG	<i>Avinash</i>
16	JAGTAP RAKSHANDA ROHIDAS	HVE,	SG	<i>R Jagtap</i>
17	JAYBHAYE SWATI DILIP	HVE,	SG	<i>Savitri</i>
18	KADAM SHUBHANGI RAJENDRA	HVE,	SG	<i>Kadam</i>
19	KALE SHUBHAM ASHOK	HVE,	SG	<i>Subham</i>
20	KHATALE RAHUL VISHNU	HVE,	SG	<i>Rahul</i>
21	LAD KESHAV BABAN	HVE,	SG	<i>Keshav L.</i>
22	MITHE MOHINI RAMCHANDRA	HVE,	SG	<i>Mohini</i>
23	PANDIT SAURABH BHARAT	HVE,	SG	<i>Saurabh</i>
24	PARDESHI AKSHAY CHOTUSING	HVE,	SG	<i>Akshay</i>
25	PATIL ANKITA KISHOR	HVE,	SG	<i>Ankita</i>
26	PATIL TUSHAR PANDIT	HVE,	SG	<i>Tushar</i>
27	PAWAR AKASH NANDKUMAR	HVE,	SG	<i>Akash P.</i>
28	PAWASE VAIBHAV MADHUKAR	HVE,	SG	<i>Vaibhav</i>
29	PUYED SACHIN GOVIND	HVE,	SG	<i>Sachin</i>
30	RAJAWAT PRITHVIRAJSINGH HEMRAJSINGH	HVE,	SG	<i>Rajawat</i>
31	RAUT SACHIN SANJAY	HVE,	SG	<i>Sachin R</i>
32	SAIKHEDE VISHAL DILIP	HVE,	SG	<i>Vishal</i>
33	SANAP MACHHINDRANATH PUNJA	HVE,	SG	<i>Sanjay Punja</i>
34	SAYANKAR YASHODHAN RAJENDRA	HVE,	SG	<i>Yashodhan</i>
35	SHINDE ASHWINI BHASKAR	HVE,	SG	<i>Shinde A</i>
36	SHINDE SURAJ JAYRAM	HVE,	SG	<i>Jayram</i>
37	TAMBE SACHIN SATISH	HVE,	SG	<i>Tambe S</i>
38	TARGE YOGITA KISHOR	HVE,	SG	<i>Yogita</i>
39	THAKARE ROSHAN ANNASAHEB	HVE,	SG	<i>Roshan</i>

40	TOPALE SHASHANK ARUNRAO	HVE,	SG	
41	VARPE AMOL PANDHARINATH	HVE,	SG	
42	VARPE PAVAN SAMPAT	HVE,	SG	
43	VERMA SURAJKU ASHOKU	HVE,	SG	

Elective I : 1. PQ 2. RES OR 3.DSP
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<p>1.2.2 QnM</p> <p><i>Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented (current year data)</i></p> <p>1.2.2. Number of Programmes in which CBCS/ Elective course system implemented.</p> <p>Data Requirement: (As per Data Template in Section B)</p> <ul style="list-style-type: none"> • Name of all Programmes adopting CBCS • Name of all Programmes adopting elective course system <p>Formula: $\frac{\text{Number of Programmes in which CBCS or elective course system implemented}}{\text{Total number of Programmes offered}} \times 100$</p> <p>File Description (Upload)</p> <ul style="list-style-type: none"> • Any additional information • Minutes of relevant Academic Council/ BOS meetings • Institutional data in prescribed format (Data Template) 	<p>10</p>
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1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented

2017-18	2016-17	2015-16	2014-15	2013-14
01	01	01	01	01


Principal
 Sir Visvesvaraya Institute of Technology
 Chincholi, Nasik-422102